

PUBLISHED WEEKLY

THE RADIO RECORD



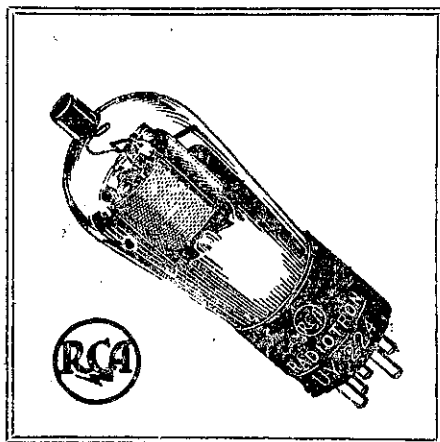
Vol. V., No. 7.

WELLINGTON, FRIDAY, AUGUST 29, 1930.

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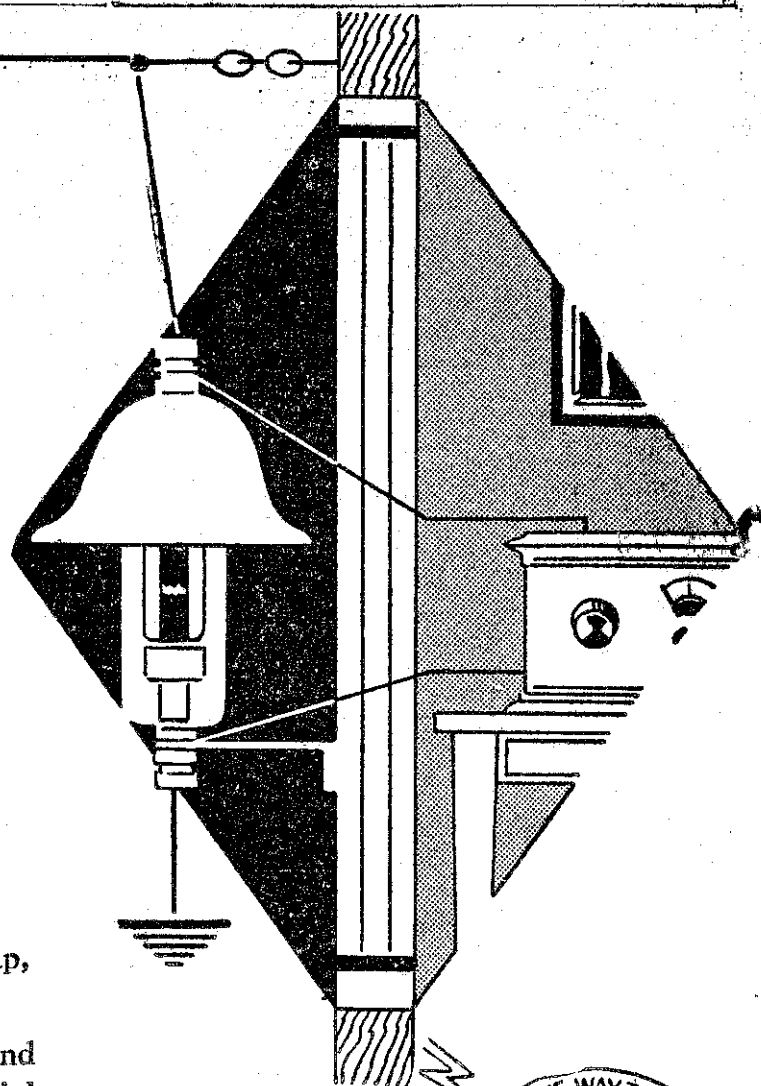
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W2012

MR. A. R. HARRIS, General Manager of the Radio Broadcasting Company of N.Z., Limited, returned by the "Makura" on Monday from a brief visit to the United States. Mr. Harris closely investigated all aspects of radio broadcasting, and has returned with a fund of information of value to the company and listeners. The most important pronouncement that Mr. Harris made in the course of a brief interview with the "Radio Record" was that arrangements had been made for special recording of overseas programmes. Some of these have been brought back by Mr. Harris, and others are on their way. It is intended that one night will be set aside at each of the stations on an early date, so that listeners will be given first-hand knowledge of the programmes being broadcast throughout the United States. Some of the recordings are in serial form, in which case a one-hour series will be given over a number of weeks.



HERE is no doubt of the wonderful progress that has been made in radio broadcasting in the United States," said Mr. Harris. "A diversity of entertainment and instruction equalling that offered by the combined theatres and public halls is now available nightly to listeners enjoying the privacy and comfort of their homes.

"The broadcast of direct descriptions of events of public interest and talks by prominent persons as an initial introduction to the public generally or any particular section, whether in politics, art, science or sport, is taken for granted and accepted as the obvious thing for the broadcasting companies to do and the public to expect. As a result, in almost all events of public interest the co-operation of the radio service is sought, and the date and time for the holding of such events are often arranged in conjunction with the broadcasting company, so that the fullest publicity is obtainable without clashing with some prior arrangement or counter-attraction.

Simultaneous Broadcasts.

"THE services of the National Broadcasting Company and the Columbia chain are pre-eminently superior to the others, and the programmes of these companies are often simultaneously broadcast from a chain of forty or more relay stations located throughout the United States and Canada, and all connected by land-line, in some instances over 3000 miles away from the main studios. To reach this standard of service, many obstacles have had to be surmounted; difficulties of far greater magnitude and of a different character to those contended with in New Zealand.

No Dearth of Good Material.

"PROGRAMME material is probably one of the least of their problems, that is as far as the larger companies located in New York are concerned. A great variety of talent from all parts of the world and embracing every imaginable form of entertainment, types of individuals and all nationalities literally stream into the New York studios, all with something to sell. There is no end to the amount of broadcast matter offering, and wonderful material at that. Every applicant is given consideration, and the programme staff is kept going night and day. The broadcasting companies do not, however, have to organise the whole of the pro-

New Zealand will hear Special Recordings of OVERSEAS PROGRAMMES

says

Mr. A. R. Harris

after a brief visit
to
the States.

its policy in the matter, so that somewhat of a stalemate exists and the future of broadcasting in Canada is still one for conjecture.

Position in United States.

"MEANWHILE, with assured protection of proprietary rights, the broadcasting service in the United

States is moving fast. Powerful and improved transmitting equipments are being installed, and ever-increasing areas are being more and more efficiently served. These broadcast services know no man-made barriers, no tariff laws, but simply and effectively disseminate all over the continent, and listeners, whether American or Canadian, Mexican or otherwise, automatically tune in to the service according to the results suited to their tastes. What applies to Canada in this respect also applies to other countries adjacent to each other and creates problems to be solved which are just as much international in character as they are domestic.

Recordings of Programmes.

"RECOGNISING the wonderful asset New

York and such places have in respect to this matter, a vast amount of research has been undertaken, with a view to developing a process for recording these programmes so that they would be available to other broadcasting concerns not so well placed for talent. This object has at last been accomplished, and it is now possible to make recordings with flat musical characteristics varying from 30 to 8000 frequencies per second, so that the finest talent and musical work heard in radio performances can be reproduced with fidelity equal to that presented from the best-known studios.

"These recordings and reproducing equipment, being of a special nature, are naturally too costly for the ordinary private user.

"On the other hand, it makes it possible for the New Zealand Radio Broadcasting Company to give its listeners a diversity of entertainment as great as that of the broadcasting concerns in the big cities of the world, and a further statement regarding this will be made later.

The Position in Canada.

"IN respect to Canada, broadcasting is in a somewhat different condition to that existing in the United States. Some magnificent programmes are broadcast by the Canadian stations, but a substantial amount of the service is also provided from the United States. As many of the latter's programmes are of the sponsored type and include a considerable amount of advertising, the effect is not altogether a desirable one from the Canadian point of view. The condition of affairs is not due to any deliberate intention on the part of the southern stations, but to the natural outcome of a progressive broadcasting policy. I do not want to infer in any way that Canadian broadcasting companies are lacking in enterprise, as this is not so. As a matter of fact, one company at least that I know of is all ready, and has been for some time, to extend its broadcasting scheme and instal new and more powerful transmitting equipment just as soon as the licensing position is clarified. Apparently a previous government intimated its intention of providing a broadcasting service, but for one reason or another it did not go ahead with it. Now another government has been elected, and the new party has not had the time to define



Mr. A. R. Harris.

"Fortunately perhaps for this state of affairs, the high-grade range of a broadcasting station is somewhat limited, and while it is possible to increase this range by the erection of more powerful stations, local stations are more effective, and most listeners prefer them once the novelty of listening-in has worn off.

Local Stations Preferred.

"THE question of a local station and the power of the stations therefore becomes a vital factor in problems of this kind, and although the transmissions of broadcasting stations of other countries may cross the border, this is not necessarily the case with the transmitting equipment. Much of the same thing applies to the regulation of the local broadcasting service. Certain restrictions may be desirable in every way from a local point of view, but their enforcement is of little practical value if an adjacent country, whose broadcast service covers the same ground, but does not recognise the same restrictions. For instance, so long as powerful stations in the United States feature radio advertising it would not be equitable to refuse the Canadian business concerns the same privilege in respect to the Canadian stations, as this would be tantamount to allowing a free field in Canada for foreign commercial propaganda.

High Power Popular.

"DUE to the tendency in many countries to increase the power of their broadcasting stations, the conditions existing in Canada may possibly re-occur in other countries, if they are not already in existence, and although there is much to be said in favour of international broadcasting as a medium for better understanding between the various nations, care should be taken to make sure that a proper balance is maintained, particularly so if it is found that one country is using the air for one or more of the various forms of propaganda while an adjacent country is denied the same privilege. Although the matter of advertising propaganda does not apply in all countries to the same degree as in Canada owing to the difference in languages, or to New Zealand owing to the distances involved, no one can foretell what factors may subsequently apply, and the question of local relaying stations and more powerful stations should be kept steadily in mind if the governments of the countries concerned desire to retain their power of regulating the broadcast services disseminated within its borders.

New Zealand System Good.

"AS far as the system of broadcasting adopted for New Zealand is concerned, there is no gainsaying its many advantages in comparison with the system, or rather lack of system, in the

initial development of broadcasting in some other countries, and the more one realises the problems that will have to be met sooner of later as an outcome of that omission, the more one appreciates the wonderful foresight and sound judgment of the Government and its officials responsible for its inauguration here. Had matters been otherwise it is very evident that instead of being in a position to advance the service much time would have been lost and expense involved in overcoming the trouble, and complications that would have followed. Let us hope, therefore, that those seeking modification of the general principles upon which the New Zealand broadcasting service has been built will first of all see for themselves and study some of the conditions existing in other countries.

New Models for 1931.

"REGARDING broadcast reception I had opportunity of inspecting a number of new 1931 models now going into production, and while no radical change from that of the better class of 1930 model had taken place a number of novel features have been introduced.

"The sensitivity of sets will be about the same as those makes of last year that were already down to the noise level on certain wave lengths with the additional improvement of more uniformity on all lengths. Cross talk and

local interference is provided against by pre-selector tuned circuits and fidelity improved by the introduction of a band-pass audio frequency system, giving greater prominence on the higher and lower notes. Tone control will also constitute a sales feature, although of no actual musical value except that it might be used to some extent for reducing static when this is bad on the higher frequency. In addition some sets will make provision for adjusting the tone control to natural tone when preferred.

"Alternating current hum in the latter class of sets is entirely inaudible, and the use of fine tuned circuits render oscillation impossible. Probably the most marked improvement, however, in 1931 models is in the selectivity of sets, and while this is not so important in New Zealand the feature is most essential in those countries where the wave lengths of the many broadcasting stations are very close to one another. By provision of two band-pass filters and four tuned circuits heterodyne whistling and noise interference is reduced, and extremely high and uniform selectivity combined with reproduction of the harmonic overtones contained in the broadcast channel is effected.

"In general, however, the nature of the improvements introduced in the models now in production for the 1931 season demonstrates more definitely that radio receiving set development (Continued on page 29.)



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Lower Price!**

The Buddy!—Crosley's answer to the problem of a lower-priced receiver without sacrificing quality or performance. For, after its remarkably low price, the Buddy's most outstanding features are the same high standard of quality and the same unapproachable performance that have made Crosley the dominating name in radio.

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Come to the Excelsior Concerts of the Wellington Competitions Society (INCORPORATED)

Daily, until September 6, there are enjoyable concerts. This annual musical festival brings to maturity the delightful, impressive and entertaining talent of the younger generation, and pits it competitively one against the other for improvement. It is grand to watch and form the belief that here is skill and voice production as good as that of any other race in the world. What would the Italian lakes be without beautiful baritone voices singing joyously as you gaze through the hotel windows? What's in Spain without guitars thrumming romance? The African negroes, with their natural rhythmic tom-tom and inspired dance lose their background of savagery and become, to the imagination, cultured.

At the Town Hall daily, until September 6, you can see and hear all that is perfect in music. The day session starts at 2.30 (entrance sixpence). In the evening the programme commences at 7.45 p.m. and seats are 2/- and 1/-. Special concerts are held on the Saturdays, August 30 and September 6, at which the prize-winning artists will render their selections. The admission to these special concerts is 3/-, 2/- and 1/-.



Reserve at the Bristol.

For information Tel. 28-839.

MR. K. McLENNAN,
Secretary.

**REMEMBER, TO-DAY'S COMPETITOR MAY
GRADUATE TO BE TO-MORROW'S TALKIE STAR.**

Round the World with the "Southern Cross"

Fantasia from 4YA

SOMETHING quite out of the ordinary will be broadcast by 4YA on Tuesday, September 2. The programme will be built up round a fantasia, compiled by the conductor of the Kaikorai Band, Mr. T. J. Kirk-Burnand, and will be a round-the-world programme. Kingsford Smith's flight around the world in the Southern Cross is the theme of the composition, and it will be presented with a musical background by the band. The president of the Otago Expansion League, Mr. George J. Errington, who is also an executive member of the Otago Aero Club, has kindly consented to describe Kingsford Smith's various flights in detail throughout the presentation of this fantasia. Preceding this item will be the recital of Kipling's "Seven Seas" and the band will open with march specially composed by the conductor of the band for the occasion—"Southern Cross."

The description of the flight from America to Honolulu will then follow. The arrival at Honolulu will be to musical honours by the band and Hawaiian native airs will be played. The trans-Pacific flight to Suva and Australia will next be told in music with a subdued musical background. Kingsford Smith's arrival in Australia will be acclaimed with the Australian National Anthem, and Australian songs of welcome. The stage of Kingsford Smith's flights most interesting to New Zealanders is the flight from Australia to New

Zealand, and the ordeal the famous flyer went through on the return trip to Australia will receive special attention. A very fine storm scene will mark the flight across the Tasman to New Zealand.

A Maori haka in musical form has been procured by the Kaikorai Band so that a typical Native welcome will greet the "ace" on his arrival in Maoriland, and several New Zealand melodies, as yet unpublished, will be rendered.

THEN follows the flight from Sydney to Darwin with a full account of the loss of the Southern Cross in the desert. A resume of the flight to England will be depicted by the band, and for this occasion airs will be played descriptive of the countries at which the Southern Cross called. It is almost needless to add that on his arrival in England, English folk-songs will greet him, also "See the Conquering Hero Comes."

The final flight, the trans-Atlantic one, will complete this interesting and original fantasia, with the description of the arrival in Canada and the ultimate return to Oakland, U.S.A., i.e., his flight right across the States. These will be accompanied by "Stars and Stripes for Ever," "When Johnny Comes Marching Home," and the Australian Anthem. During the descriptive presentation of the flight, vocal solos will be rendered by Mr. Arthur MacDonald.

A new elocutionary artist of exceptional merit, Miss Elsie McPeak, will appear on the evening's programme. For this occasion, Miss McPeak has chosen poems by Robert Burns, the chief among which is "Tam o' Shanter" (slightly abridged). This is an admirable selection, and will meet with full approval of listeners in this "Edinburgh of the South."

Mr. J. E. Davies is also included on the programme. This artist is popular with 4YA listeners, and he will doubtless strengthen his popularity with the Welsh folk-songs he proposes to give. To prove that versatility is not the least of his virtues, Mr. Davies will contribute two Irish songs to the programme—"The Minstrel Boy" and "Killarney."

The remaining artist, Mrs. D. Carty, is also a firm favourite with listeners, and she will contribute three Scottish songs as her part of the entertainment.

The complete programme will end with one of Alex. Lithgow's last marches, "Sons of New Zealand." This composer, who appears frequently on Kaikorai Band programmes, was born in Invercargill, to which town he dedicated his "Invercargill March," and it is just six months ago since he died in Australia. It is a well-known fact that Sousa, the greatest of march kings, made reference for the first and only time in his life to another march composer, when on hearing a composition by Lithgow, he inquired, "Who is this composer?"

Can You Write a Song?

Auckland Competition

AT the last meeting of the IYA Musical and Dramatic Committee the report of a sub-committee set up to draft conditions for a song-writing competition was adopted.

The recommendations, which have been approved by the Broadcasting Company, are as follow:—

1. A prize of two guineas will be awarded to the writer of the poem best suited to a musical setting as a song.

2. The entries submitted will be judged by the quality of their thought and expression.

3. In the event of the judges deciding that no entry is suitable, no award will be made.

4. Each entry must be signed with a pseudonym and be accompanied by a sealed envelope containing the pseudonym and the competitor's name and address.

5. Entries must be addressed: The Judges, IYA Song-writing Competition, Station 1YA, France Street, Auckland, and must reach the station not later than September 26.

It should be noted that the above competition refers only to the writing of the words. Another prize for the composition of the music will follow.



Kingsford Smith on his arrival in Chicago in the "Southern Cross."

Quieten That Speaker

Stringent New York Regulations

WITH the immense increase in popularity of radio and sound amplifying systems, it has been found necessary in many countries to legislate against the unrestricted use of loudspeakers.

An interesting case in point are the stringent rules against the objectionable use of loudspeakers recently passed by the New York Board of Health. A new section in the Sanitary Code reads as follows:—

"No person owning, occupying, or having charge of any building or premises or any part thereof in the city of New York shall cause, suffer, or allow any loud, excessive, or unusual noise in the operation or use of any radio, phonograph, or other mechanical or electrical sound-making or reproducing device, instrument, or machine, which loud, excessive or unusual noise shall disturb the comfort, quiet, or repose of persons therein or in the vicinity."

Commenting on this regulation, a New York Board of Health official declared that it will give relief to thousands of city dwellers, coming into effect as it does shortly before the open-window season. More than 13 per cent. of the complaints received by the Noise Abatement Commission have been against loudspeakers in shops and houses.

The New Zealand Radio Record

—AND—

Electric 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; booked, 15s.

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

WELLINGTON, FRIDAY, AUGUST 29, 1930.

EDITORIAL NOTES.

AN incoming passenger by the Makura, due in Wellington at the time of our going to press, is Mr. A. R. Harris, manager of the Radio Broadcasting Company. Mr. Harris has been in the United States for two or three months on a business mission. Opportunity has, however, been taken by him to establish close contact with the radio world, and familiarise himself with the trend of events on both the mechanical and the programme side. As it happened, Mr. Harris was at 4YA, Dunedin, on the occasion of Rear-Admiral Byrd's epoch-making two-way conversation with New York. It was, therefore, interesting for him to be in New York when the famous American reached there and to witness the enthusiastic reception accorded him by the American people. Mr. Harris was also present by special invitation when radio conversations were carried out between England, Germany and the United States. In connection with these, Edison himself spoke from his library at West Orange. A small army of operators carried out this transmission and the sound recording of the transmissions which took place. Much publicity was given to this event in both American and English newspapers. Mr. Harris, it is known, also investigated the present position in regard to television, and witnessed many laboratory tests and experiments. It is certain that Mr. Harris will have secured a great deal of information of value to radio broadcasting, and we look forward with eagerness to perusing his statements as they become available.

THE satisfactory outcome of the Tahiti disaster, from the point of view of saving life and mail, has greatly impressed the public mind. As the full story has become available it is realised more adequately than at the time how narrow an escape from a major disaster was experienced. The incident has revived memories of the Titanic disaster, and has recalled the radio side of that outstanding event. The full story, as it has now become available, is that on the night in question the Titanic, when speeding across the Atlantic, was warned by a vessel just ahead of her course of the presence of ice. She acknowledged the message and requested the s.s. Californian not to block radio transmission with the Cape Race radio station. Shortly

after that request was made the Titanic razed the berg which inflicted her death-blow. S O S messages were promptly sent out, and were replied to by the Carpathian, 58 miles away, the Frankfort, 140 miles away, and even the Olympic, 560 miles away, but no acknowledgment came from the Californian, with which the Titanic had so recently been in conversation. So near was the Californian that, as the Titanic lay helpless awaiting her doom, her lights were visible. The officers on the bridge of the Californian saw the lights of the Titanic, saw that they were stationary, and later saw rockets go up. Then the lights faded out. The explanation of the disaster as later shown was that the single operator of the Californian, tired out after 16 hours of duty, had gone to bed at 11.30. Thus 1500 souls sank beneath the waves almost under the very eyes of the Californian through the unfortunate inability of radio to carry out its life-saving function. The case of the Tahiti has shown most strikingly just what might have been. Radio prevented a major disaster, and in the added safety it has given to sea travelling adds a further leaf to its laurels in the service of humanity.

Miss Raina Kahukura

The Set of the Future

Remote Control

THE "Wanganui Herald" has the following relating to one of the Maori singers who took part in "Hawaiki Calling":—

"One of the most popular items broadcast from 2YA as part of the Maori pageant programme, has been

It is predicted that ten years from now the installation of a complete radio set in the family living room will be almost as rare as that of a coal bin in the same place. With the development of simple methods for remote control of tuning and volume, the only parts needed in the room are the speaker and the controls. All the rest of the mechanism can be hidden in a closet, attic or basement.

The consequent elimination of the console cabinet that is now used to conceal the equipment will more than pay for the cost of the remote control apparatus. The speaker and the controls can be built into the wall, several of them being used for different rooms if so desired. The modern home of the future will contain a small sized and improved replica of the centralised radio installations now being made in large apartments and hotels.

A radio set was originally a laboratory instrument, and next a toy for boys; it is now a piece of furniture and is destined to become a domestic utensil.

Personal

MISS BELLE RENAUT, L.A.B., the very popular contralto singer of the Melodious Four at 3YA, is shortly leaving Christchurch for Wellington, whither she has been transferred by the Dominion Academy of Music, of the teaching staff of which she is a member.

Wanganui audiences by a local lady who was impressed by the quality of her voice. She has appeared in local competition work, but much larger scope offered, however, in the Maori broadcasts from 2YA. Many listeners-in will join, figuratively speaking, in the 'tin can' and wish 'Danny Boy' all happiness in her new life."

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NEW PLYMOUTH

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Kingsford Smith uses Burgess Batteries. Commander Byrd uses Burgess. More Burgess Batteries are sold in New Zealand than any other make. Why?

BURGESS RADIO BATTERIES

'Danny Boy.' The soloist, Miss Raina Kahukura, has delighted the great unseen audience with her rendering of this favourite old-time Irish melody, and it is said that hundreds of records of the song have been sold, following upon each broadcast. It is doubtful if Miss Kahukura will appear before the microphone any more, as since the party returned to Wanganui there has been a 'tin-canning' at Kalwhaika pa, up the Wanganui River, for which she is in no small way responsible. Miss Kahukura was first introduced to Wa-

Words by
J. BALL

Radio Lullaby

Music by
GEORGE MACKAY*Moderato*

Soon will the shadows close down on the day

Come Mother's darling cease from your play Over the air Radio Fairies come dancing,

daintily tripping to music entrancing, to join the glad circle of dear 2-Y-A.

Chorus.

Sleepy time Baby mine, Sleepy time. Baby mine.

New IYA Orchestra

Talented Personnel

MR. HAYDN MURRAY, leader and first violin of the new orchestra, is regarded as one of the leading instrumentalists in Auckland. A pupil of Mr. Colin Muston, and later of Mr. Harold Baxter, he has received the very soundest tuition, and as both his masters are excellent orchestral conductors it is natural that this young player should have received fine experience in this most important section of instrumental playing. Mr. Murray was for some time leader of the Regent Theatre Orchestra, and latterly of the Civic Theatre Orchestra.

Mr. Leslie Haynes, first violin, has had many years' experience in orchestral playing, and for a long time was in the Majestic Theatre Orchestra under Mr. Whitford Waugh. He is an excellent violinist, and his solo work is always very highly commented upon.

Mr. Bert Kerr is another violinist who has had considerable experience in orchestral playing under Mr. Whitford Waugh, and it is safe to say that he is one of the strongest members of the new combination. He will be playing second violin.

Mr. Colin Munro is the violist of the new orchestra. For many years he has been in the leading amateur orchestras of Auckland, and some two years ago took up viola playing professionally, being another of the very fine combination at the Majestic Theatre. It is well that there is a good viola player in the orchestra, as this instrument, when well played, as it is by Mr. Munro, brings out many of the beauties of orchestral music.

Miss Lalla Hemus, 'cellist, is already very well known to IYA listeners. For some time she was in the Studio Trio, and some months ago she was again engaged as 'cellist in the IYA Orchestral Octet and Studio Trio. As a soloist and orchestral player on her particular instrument she probably has no equal in Auckland.

Mr. J. Zimmer is the bass player of the orchestra, and his experience, extending over many years, in the leading professional orchestras of Auckland, will be of great help to the combination, which has already begun playing at IYA.

Mr. Eric Waters, pianist, needs no introduction to IYA listeners. With a wealth of experience behind him in many spheres of the local musical world, both as conductor of theatre orchestras and solo playing, his work in both the orchestra and studio trio will be eagerly looked forward to.

CHORUS—

Sleepy Time,
Baby Mine,
Sleepy Time,
Baby Mine.

HAVE you renewed your subscription to the—

"Radio Record and Electric Home Journal"?

12/6 in Advance; 15/- Booked.
BOX 1032, WELLINGTON.

CHILDREN who listened-in to the special children's concert broadcast during the recent Wellington Radio Exhibition will probably remember hearing a song called "A Radio Lullaby." This is now being adopted as a closing song by both children and adults who entertain from 2YA during the children's session. School parties which appear before the microphone from time to time are also learning it. The music was composed by Mr. George Mackay, a well-known Wellington pianist and accompanist, while the words were written by Mr. John Ball, of the R.B.C. The latter are particularly appropriate, and the whole makes an appealing farewell song. Mr. Ball

has also written a 2YA foxtrot, which may be published at a future date.

Soon will the shadows close down on the day,
Come, mother's darling, cease from your play,
Over the air Radio Fairies come dancing,
Daintily tripping to music entrancing,
To join the glad circle of dear 2YA.

CHORUS.

Come, let them woo you to sleep,
Baby Mine,
Woo you, sweet loved one, to slumber sublime.
Radio Fairies for you sweetly sing
Maoriland melodies fit for a king,
To waft you, my baby, to dreamland divine.
CHORUS.
Sweet Fairy voices, so tender and true,
Blended in lullaby, darling for you;
Sleep through the night to the dawn of new day,
Mother is with you, and dear 2YA,
While angels are watching from God's sky so blue.

Popular Health Talks

ONE of the most popular speakers from IYA is Madame Mabel Milne, whose regular fortnightly talks on "Diet and Health" are listened to throughout New Zealand. Madame Milne is one of IYA's oldest regular



speakers, and has been giving her talks for over a year. During that time she has received about five hundred letters from listeners as far south as Stewart Island, and as far north as North Cape and Great Barrier, while two even came from Sydney. All sorts of ailments are inquired about, "from teeth to toes," as Madame Milne says, and some remarkable cures have been effected solely through following the advice given over the air.

Mr. Bishop's

Limerick Competition

BY popular vote the winning Limerick was No. 3, which was:

*Zane Grey's heart was terribly sore,
His fishing results had been poor;
If he'd only ask me
I'd suggest Lambton Quay
As a place he can find sharks galore.*

This Limerick was received from A. K. Baker, 106a The Parade, Island Bay.

The subject of the next competition will be "Marriage." Entries to be addressed Mr. Will Bishop, G.P.O., Box 1032, Wellington.

All entries and votes for the Motoring Competition to be posted to arrive not later than first post on Thursday, September 4.

THIRD SERIES.

Following are the six Limericks chosen from those received on "Motoring" and from which listeners must select the best:—

No. 1—
*A Radio Expert called "Switch"
Overturned his Sedan in a ditch;
His senses returning
He saw the car burning,
And said, "Is this Heaven or which?"*

No. 2—
*Said a young speeding fiend called
Syd Clive,
"I make up lost time when I drive,"
But at sixty poor Syd
Developed a skid—
The funeral will leave here at five!*

No. 3—
*There was a young fellow named
Claude
Who went for a spin in his Ford;
But at Waipukurau
He ran into a cow
And upset her butter-fat record.*

No. 4—
*After selling a good line of steers,
Mr. Wayback, though well on in
years,
Thought he'd take home a car,
But he didn't get far
'Cos his whiskers got mixed with
the gears!*

No. 5—
*There was a young lady named
Rita
To a car thought her hubby should
trita;*

*But the time has passed by
And a new car they buy
Called a Pram" and, what's more—
a twosita!*

No. 6—
*There was a young fellow named
Jake,
Who drank some benzine by mis-
take,
A match he did light
To put his car right—
They collected his bits with a rake!*

Auckland Notes

OUR Auckland correspondent writes: Station IYA was on the air for a while on the morning of Sunday, August 17, to give listeners the latest news of the Tahiti. These little extra services are greatly appreciated by listeners, and do much to convince them that the radio authorities try to render the very best service they can. IYA is always ready to do a little extra when the occasion arises, and is to be congratulated on its initiative.

MR. GORDON HUTTER has not been at the microphone for the football matches or boxing this week as he is down south. However, his absence is only temporary, and he will soon be resuming duty. Although his deputy is good, he is less experienced at the job of sports description, and finds it hard to keep up with the run of play.

A SERIES of particularly good programmes is scheduled for IYA during September. On September 9 there will be a programme arranged by Madame Mary and Mr. Cyril Towsey; on the tenth, a programme by the Auckland Central Methodist Mission; on the eleventh, Elton Black's new combination the "Radiolites"; thirteenth, Municipal Choir; fourteenth, Municipal Band; sixteenth, Mr. and Mrs. W. J. Bailey in an entertainment entitled "Diversions," which will include elocutionary and vocal numbers presented in a new style for a classical programme; seventeenth, a programme by the New Zealand Penwomen's League, containing many original items written by members; and eighteenth, a programme by the Auckland Savage Club which will take the form of an ordinary full Savage night. On paper, at least, this appears something quite out of the ordinary, and if it fulfils expectations listeners should be well pleased.

SOME hard things were said against broadcasting by Mr. A. J. Entrican, Auckland's deputy-mayor, in opening the Auckland Music Week at the Town Hall on Saturday night, and he laid the blame for poor attendances at most of the concerts in the city of late entirely on radio. Surely this is a rather unfair statement. Before the days of radio there were many poorly-attended concerts in Auckland, and even if radio do render such good music that listeners have no desire to go out to concerts, well, it can hardly be blamed. If poor music is broadcast grumbles are loud, and if good music is given from the radio stations people complain that flesh and blood concerts suffer. What is poor radio to do?



IYA'S NEW ORCHESTRAL COMBINATION.

Left to right. Standing:—
Mr. Colin Munro Viola
Mr. Leslie Haynes, 1st Violin

Mr. J. Waugh, Conductor
Mr. Bert Kerr 2nd Violin
Mr. J. Zimmer Bass

Seated:—
Miss Lalla Hemus .. 'Cello
Mr. Eric Waters Pianist
Mr. Haydn Murray (leader)

MR. A. B. CHAPPELL, M.A. (representing the Dickens Fellowship Society), presided at the meeting of the IYA Musical and Dramatic Committee on Friday, August 8, when there were also present: Mr. C. B. Plummer (Auckland Choral Society), Mr. L. E. Lambert (Bohemian Orchestra), Mr. J. F. Montague (Auckland Comedy Players), Mr. Karl Atkinson (Auckland Piano Students' Association), Mr. F. M. Price (Aeolian Orchestra), Mr. E. Blair (W.E.A.), Mr. A. Trenwith (Royal Auckland Choir), Mr. L. C. Barnes (station director), and Mr. O. M. Pritchard (programme organiser at IYA).

It was announced that a new string orchestra, under the direction of Mr. J. Whitford Waugh, would be commencing operations, in place of the present Orchestral Octet, from Friday, August 22.

The conditions of the proposed song-writing competition were submitted by the sub-committee set up to deal with this matter, and have been forwarded to the company's head office for their approval. The first section of the competitions will be for a poem suitable for musical setting, for which a prize of two guineas will be offered. After the adjudication of this, there will be a competition for the best musical setting of the prize poem, for which a prize of three guineas will be offered.

Considerable discussion took place on the company's subsidy to local musical societies, and a satisfactory basis of allocation was agreed upon, subject to the approval of the societies concerned. If this subsidy is accepted by the societies, it will mean that the concerts of the Bohemian Orchestra, the Auckland Choral Society, the Royal Auckland Choir, and the Aeolian Orchestra will be broadcast.

Various other suggestions were brought forward and discussed, one with respect to a Maori concert being performed at IYA, and another to hold a three-act play competition.

2YA Musical and Dramatic Committee.

THE 2YA Musical and Dramatic Committee held its monthly meeting on Monday, August 11. There were present Mr. E. Palliser (chairman), Mr. Harrison Cook, Mr. W. P. McLachlan (Wellington Competitions Society), Mr. R. Lyon (Savage Club), Mr. E. Dawson (Wellington Symphony Orchestra), Mr. J. M. McIlroy (Orphans' Club), Mr. W. A. Jamieson (Theatrical and Operatic Society), Mr. V. R. Bennett (Harmonic Society), Mr. I. M. Levy ("Radio Record"), Mr. J. Carr (Charley's Aunt Club), Mr. J. Ball (editor-announcer), Mr. J. Davies (station director).

Some discussion regarding Music Week and the criticism on the nature of the programmes submitted took place. It was contended that broadcasting did not in any way affect the success of the enterprise. The influences affecting Music Week, which showed a small debit balance, were the very adverse weather conditions and the popular wish for more diversity in the programmes.

It was reported to the committee that 2YA would be relaying three of the evening concerts during the competitions. These concerts have been specially arranged, and the introduction of the competitive element between the performers would be a novelty calculated to prove acceptable to radio listeners.

Music, Dramatic and Children's Committees

Bodies in the Centres Meet

The suggestion was made that an invitation be extended to children and visitors participating in the competitions, and who desired to visit 2YA studios.

4YA Committee.

AT the monthly meeting of the 4YA Musical and Dramatic Committee there were present: Mr. H. P. Desmoulins (Choral Society), Mr. H. McFarlane (Orchestral Society), Mr. Himburg (Philharmonic Society), Mr. Anderson (Returned Soldiers' Association), Dr. Fisher (W.E.A.), Mr. J. But-



MISS P. RODGERS, pianist, late of the Sydney Conservatorium of Music. She is now resident in Wellington, and will broadcast from 2YA.

—Andrew, photo.

ler (Royal Male Choir), Mr. G. Angus (Anderson's Bay Glee Club), Mr. Max Scherek (Dunedin Society of Professional Musicians), Mr. J. Mackenzie (station director).

The question of how the amount offered by the Broadcasting Company should be apportioned in subsidies to the various musical organisations was discussed at length, and a recommendation, to be referred to the Broadcasting Company for endorsement, was come to.

The chairman, Mr. Desmoulins, in the course of the debate remarked that as far as the Choral Society was concerned it had gained more than it had lost by broadcasting.

Reference was made to the very successful debate carried out on relay between the Universities of Otago and Canterbury, and a resolution was passed recommending that an endeavour be made to arrange for more.

A number of very useful suggestions were advanced regarding talks and other attractions for 4YA were discussed.

IYA Children's Session Committee.

AT a meeting of the IYA Children's Session Committee held on August 12, the Rev. L. B. Busfield (representing the Sunday School Union) presided over the following:—Mr. D. W. Faigan ("Uncle Dave"), Mrs. J. F. Montague (Girl Guides' Association), Miss R. Palmer (children's organiser), Mr. L. C. Barnes (station director).

It was announced that the Rev. Albert B. Whiting had succeeded "Uncle Leo" (Rev. Lionel B. Fletcher, who has left on a visit to England), and that he has taken the name of Uncle Bert.

The question of talks on vocational guidance which were given last year was discussed, and efforts are to be made to arrange another series through the Education Department.

Among the special programmes to be given is a "Girl Guides' Camp Fire."

4YA Children's Committee.

THE 4YA Children's Committee met on Thursday, August 7. There were present: Captain Chandler (Salvation Army, in the chair), Miss Feichley (Girl Guides' Association), Miss Sheila Neilson (Children's "Aunt Sheila"), Rev. J. Cooper (Anglican Boys' Home), Mr. A. H. Williamson (Headmasters' Association), Pastor W. D. More (children's organiser) and Mr. J. Mackenzie (Station Director).

Pastor More reported on the programmes of the previous month, referring to special events such as "Chinese Night." He reported that Captain Chandler had taken Uncle George's place on Tuesday evenings as "Uncle Bert," and that "Uncle Wally" had taken the place of Uncle Allan (Mr. Allan Young, now of Oamaru).

On the subject of members of the committee attending the sessions, a practice decided upon at the last meeting of the committee, Captain Chandler gave his impressions. He remarked: "It was quite interesting and I must say the whole hour was a thing one would not forget for a long while. I think if each of the members of the committee would make a point of visiting the studio at least one night they would benefit by it and would enjoy the experience. We are a committee to offer constructive criticism toward the success of the session, and that is

Spelling Bee

Interest at IYA and 2YA

THE total entries received from the spelling bee to take place at IYA on the night of the 26th is 28. All are very enthusiastic, and an interesting evening is confidently looked for. A novelty in the course of the evening will be the presentation of an original manuscript on spelling bees from a well-known American author, which has not hitherto been published. This will be interpreted by a leading Auckland elocutionist.

The winner of the Auckland event will be brought to Wellington at the expense of the "Radio Record," and will participate in the competition from 2YA on Thursday evening. For 2YA's evening the entries number approximately 50. At least one of the competitors, a married woman, is coming from Taranaki for the event. For the benefit of listeners the procedure in the studio may be briefly explained. The judge will be separated by a screen from the competitors, the microphone being at the screen. On the other side of the screen the competitors, each of whom will be numbered, will be arranged in a circle, and each competitor, as the word is given him, will step in front of the microphone and spell his word, passing on in turn to give room for the next competitor. The judge's voice will pass over the screen and be perfectly audible to the competitors. Two failures on the part of a competitor will eliminate.

Competitors are required to be at 2YA studio at 7.30 on Thursday evening, in order that full explanation of procedure and conditions may be made to them.

Tune-in, Hams

MR. SIDNEY R. PERKIN, general secretary of the New Zealand Association of Radio Transmitters, will give a talk from IYA on Thursday, September 4, at 7.40, on "Some Aspects of Amateur Radio Transmitting." This should prove of great interest to amateur enthusiasts, both "hams" and listeners.

by far the best way one can learn to make suggestions.

Others spoke in a similar strain.

Visitors for the ensuing month were arranged as follow:—Rev. J. Cooper, Miss Feichley of the Girl Guides, Brother O'Sullivan, and Miss Hare, of the Y.W.C.A.

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Musical Taste.

WHAT sort of musical taste has 4YA? On the night of August 6 the advertised programme was replaced by an orgy of rotten American jazz and nigger whines. If 4YA cannot put on some music, I would suggest that they have a few more silent days, so that we can get other stations without its interference.—Dunedin Subscriber.

[We understand that the advertised programme had to be altered owing to the party of artists engaged for the evening being unable to perform. Substitutes were therefore secured, and a light programme of a type similar to that advertised was broadcast.—Ed.]

Why Not a Jazz Week?

WITHOUT any intention of casting any reflection on anybody, I, along with quite a number of others, would like to ask the Radio Broadcasting Company if it is possible to put on a full week—later on, from 8 p.m.—of vaudeville numbers, humorous records, revues, popular songs, etc. The 40 per cent. highbrows have had their week. The Radio Broadcasting Company, being a fair-minded body, should let the other 60 per cent. listeners switch on for a full week. In these days of taxation, let's "Russellise" and "Bishopise" the programmes. Please let it be soon, before we all grow whiskers and sit in bath-chairs.—"Fifty Fifty" (Eltham).

Howling Valves.

I QUITE endorse all the eulogy the telegrams from all over New Zealand conveyed to the Broadcasting Company and the announcer re the fourth Test football match. Here in Otaki we had the common occurrence of squealing and howling keeping up for nearly the whole of the first spell. Otaki must be the very worst place in New Zealand for howling and squealing valves, and the commencement of many good programmes are spoiled for listeners. Another matter of annoyance is that frequently an item will suddenly go as if the singer or speaker had a towel tied over his (or her) mouth—sometimes for nearly five minutes at a time.—T.C. (Otaki)

A Suggestion for Children's Hour.

I HAVE noticed of late that the greater part of the children's session is taken up by the uncles in rushing through a multitude of birthdays. The consequence is that there is very little time devoted to the entertainment of the children, whom I am sure thoroughly enjoy some of the "stunts" put over, but which are unfortunately limited to a very short period of their hour. Would it not be a better plan to limit the birthday calls to those children residing in

Our Mail Bag

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 non-de-plume might be used for publication.



MR. G. ELLWOOD.

A prominent Wellington 'cellist, who will be heard from 2YA combined with Miss and Mr. Gordon Short this week.

would like to congratulate the R.B.C. on the excellent Test match relays, and Mr. Hutter on his splendid announcing. Good luck to the R.B.C.!—J.W.W. (Auckland).

"Off-Side."

LAST week we pointed out to a Wellington correspondent, who complained of a certain Saturday night's programme, that had he consulted the programmes as published beforehand he would not have disappointed his friends who were invited to his house. A correspondent signing himself "Fair Go," Karori, now writes to point out that, on the evening of August 13, Station 1YA, Auckland, varied its pre-arranged programme between 9 o'clock and 10 o'clock by relaying a boxing contest from the Auckland Town Hall. This correspondent contends that this incident makes our remarks on the previous case "off-side." The two cases are not, in our opinion, parallel, as listeners in the majority of cases are prepared to accept variation of programmes for the sake of good relays that offer themselves after the programmes have been arranged.

The Fourth Test.

I WISH to tender my appreciation to the sporting announcer for the first-class description of the fourth Test. Thanks are also due to the "Record" for publishing a plan of Athletic Park. We Gisborne listeners followed and enjoyed the game, almost as much as the people who actually saw it. It was a wonderful description, and I don't think that even the biggest grouch could find any fault with it.—L. Illingworth (Gisborne).

A Fiji Listener's Opinions.

AS a Fiji subscriber to the "Record" and a listener to all Australian and New Zealand stations, I would like to make a couple of observations as they come from one who is neither a New Zealander nor an Australian. I am of the opinion that 2YA's announcer is easily the best announcer on the air in the Pacific; his voice is outstandingly the best and his English the purest. I am of the opinion that his Go-o-o-o-d Night has a weird fascination and is symbolical of the two last words being wafted over the space as the station shuts down. I have had unimaginative visitors who have snapped out, "What does he speak like that for?" I have invariably snapped back, "Fun!" and left it at that. Another opinion I would like to express is that before the Commonwealth took over the Australian stations and made the present contract for programmes, I think New Zealand had the better programmes. Now I think that Australia has them, as she should have them, from the musical point of view. I am not denying, however, that I think most New Zealand "A" station programmes are excellent, and I wonder how the managers keep them up night after night. One of your correspondents says 1YA might as well be off the air after sunset if you live 50 miles away, etc. Well, sir, I live 1200 miles or more away and get much enjoyment from it, and often take down the news by shorthand (as I live right in the bush) and supply neighbours with news that way.—"Englishman" (Fiji).



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the district to which the station belongs. This procedure would divide the country into four separate districts and would avoid duplicating calls, which is at present sometimes the case. In addition I would suggest that a fee of 1/- should be levied for each birthday call, the proceeds to be donated to the various children's hospitals. I am sure this is a most deserving cause, and no parent could begrudge the nominal fee asked, which

would not average more than 2/- per family per year. If such a policy were adopted the fund would amount to from £500 to £1000 per year, which amount could, I am sure, be expended in a most worthy and just cause.—"Nine Valve" (Wellington).

[There is no clause in the contract of the company to allow of a levy such as this.—Ed.]

The Happy Medium.

WITH regard to the YA programmes I have only one complaint—the silent day. We have band music on Sunday from 1YA (our local station), Monday is classical at 2YA. Tuesday is operative at 1YA, which makes three consecutive days of classical music. I cannot appreciate "high-brow" music, though I have often tried. At the same time I detest the sickly sentimental American music. I like tuneful, melodious pieces—the happy medium. However, a great many people enjoy (or pretend to enjoy) classical music, and a great many like jazz. I had better point out that I do not mind some American pieces, such as those given by Eric and Jack, a new 1YA combination. I like Hawaiian music. These views are not altogether my own, for friends with whom I have discussed the matter express the same opinion. I

A CORRESPONDENT recently mentioned that some station was heterodyning 3AR, Melbourne. "Switch" sought for the stranger and found him whistling steadily on top of 3AR. This was late at night, and he waited till 3AR closed down, intending to try and identify the "outsider." When the Melbourne station went off the air the other was too weak to distinguish what was said.

THE cabled suggestion that the British Broadcasting Corporation proposes to establish an Empire short-wave broadcast station comes somewhat as a surprise in view of the fact that the establishment of such a station was to be proposed at the Imperial Conference with a suggestion that the Governments of each of the Dominions should contribute to the cost and maintenance. The recent cable, however, says that listeners in the British Dominions be asked to contribute, say, 5/- per annum to the B.B.C. toward the upkeep of the station. If the proposal implies a voluntary contribution by the individual listeners it is doomed to fail. Voluntary contributions have always done such.

MUCH has been written and said about the failure of Wellington's Music Week to draw crowded attendances at the Town Hall. One genius conceived the idea that the failure was due to the broadcasting of the concerts, thus enabling the public to hear them without paying. It is the opinion of experienced people that the concerts were too high-class to draw the general public. We have a weekly demonstration of this in Wellington. Our city organist gives Sunday night recitals of "high-brow" items to an almost empty hall, and these recitals are not broadcast. In the theatres there are, simultaneously, "popular" concerts which attract crowded attendances despite the fact that the concerts are broadcast. 'Nuf sed!

"SWITCH" saw the scores of telegrams received by Mr. Lamberg, and they showed very effectively not only the widespread enjoyment of the announcer's performance but also the splendid reception afforded listeners in all parts of New Zealand. The reports from such places as Palmerston North and New Plymouth must have been particularly gratifying to the Broadcasting Co. and all members of the staff concerned. 2YA is without doubt the "national station," and when called upon to speak to the populace it accomplishes its mission with widespread satisfaction.

THE trouble in "E.N.G.'s" set is evidently due to his heater type detector valve having burnt out. The symptoms are characteristic—a gradual fading away of the local station followed by the return of full volume. These heater type valves when burnt out light up and fade out alternately. There is only one remedy—a new valve—but don't blame the station again.

L. ILLINGWORTH (Gisborne) writes: "For some past Gisborne listeners have been troubled with interference from howling valves, so with a view to making listening a pleasure

they have formed a radio society. The committee has been very energetic and 'howling' has fallen off a good 75 per cent. Reception from Athletic Park last Saturday was perfect and interference was at a minimum. From the plan published in the 'Record' and the A1 description Gisborne listeners could almost see the match being played.

Reception Table for Australian Stations

FOR the guidance of those who wish to check their reception of the Australian stations, "Switch" prepares weekly a table showing the average relative strengths with which he has obtained reception at 11.30 p.m. during the past week:—

2FC, Sydney	10
2BL, Sydney	8
4QG, Brisbane	7½
3LO, Melbourne	7
3AR, Melbourne	6
2GB, Sydney	4½
2UE, Sydney	4
3UZ, Melbourne	4
7ZL, Hobart	4
3DB, Melbourne	2½
5CL, Adelaide	2
2KY, Sydney	1½

The above figures are the points assessed, with 10 as the maximum.

Reception from the American stations in Gisborne this winter has been exceptionally good. An old hand at dial twiddling informed me that he has never known the Americans to come in as they have been lately."

WELLINGTON listeners are now commencing to discuss the proposed yacht race from Melbourne to New Zealand during the forthcoming summer. The hope is generally expressed that at all events one of the yachts will carry a portable short-wave radio transmitter. In the yacht race, last Christmas, from Melbourne to Tasmania, a low-power morse transmitter, which operated on 42 metres, was carried by one of the yachts.

THE other evening "Switch" was listening-in to an "old-time" dance night broadcast by 2FC, Sydney. The old-time waltzes were marred through the orchestra playing them far too slowly, and the indications were that it was a new-time orchestra quite unfamiliar with the waltz tempo of other days. The dancers, too, seemed to get

mixed up in the old-time square dances, and the master of ceremonies indulged in a little mild banter at their expense. Incidentally, the announcer read a letter from a lady listener, in which she scathingly criticised the modern dances and their "flat-footed" exponents.

FORTUNATELY during the period of the Australia v. England cricket test match static was extremely mild, and those who listened to the news of the match broadcast from the Australian stations were able to hear every word distinctly. Generally, static rouses itself from wherever it slumbers when anything special is to be broadcast from an overseas station.

GENERAL appreciation has been expressed at the way the public were kept informed of the latest news concerning the ill-fated s.s. Tahiti per medium of 2YA, Wellington. It is understood that the Union Co.'s officials heartily co-operated with 2YA in giving the public the information as soon as it came to hand by radio. The news was radiated far and wide by 2YA, and by this means the Union Co. reached the greatest number of people with the least delay.

THE Japanese flute item by Mr. K. Kubota, Japanese Trade Commissioner, heard from 2YA, Wellington, reminded one of the concerts heard from the Japanese stations. This type of flute is not held sideways like a Euro-

pean flute, but is held like a clarinet. It is a rather difficult instrument to sound, as the writer can testify, having witnessed various instrumentalists endeavour to perform on Mr. Kubota's flute.

A FEW days ago the writer heard of a Wellington novice listener who enjoys loudspeaker reception from 2FC, Sydney, merely by employing a crystal detector and two stages of audio frequency amplification. This feat has been accomplished also by a well-known Wellington radio dealer some two or three years ago, but his home is perched on a lofty hill. Locality has much to do with performances such as these.

AN exhibit at the recent Melbourne Radio Exhibition was that of the picture transmission apparatus of Television and Radio Laboratories Pty., Ltd., of Melbourne. A newspaper report states: "The receivers operate from any wireless set capable of receiving signals at good headphone or weak loudspeaker strength. The fact that comparatively weak signals only are necessary will make it possible for pictures to be received from the several stations in many parts of Australia and New Zealand. The times of transmission will be arranged to take place either previous or subsequent to ordinary broadcasting programmes, which will, therefore, not be interfered with."

THE writer found a strange station last week on about 230 metres. The stranger came in steadily with a minimum of fading. After waiting some time the call "5AD, Adelaide," was heard.

A PRESS Association message from Honolulu reports that the passengers on the sinking liner Tahiti, although in a precarious position, quite enjoyed dancing to the jazz music coming in over the radio from the Sydney and Wellington radio stations. Good old 2YA again! The message also states: "There was a difficulty when the passengers were instructed to take their positions beside the lifeboats. They refused to remain in their places, as they were more interested in radio sets than in lifeboats."

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MISS D. RABEY

A 3YA soprano of distinction.

—Photo, Stephano Webb.

SUNDAY

Notes from 1YA.

THE Sunday night church service will be relayed from the Unitarian Church, the preacher being the Rev. William A. Constable, the conductor the Rev. Wilna Constable, and the organist Mr. W. H. Wood. This will be followed by a relay of a concert to be given in the Town Hall by the Municipal Band under the conductorship of Mr. Christopher Smith.

2YA Features.

Hymns, Ancient and Modern

AT the conclusion of the afternoon session listeners will be entertained with a recital of "Hymns, Ancient and Modern," by Mr. A. Morrison and party. The evening service will be relayed from the Vivian Street Baptist Church, the Rev. J. T. Crozier preaching. The organist will be Mr. Charles Collins and the choirmaster Mr. J. R. Samson. At the conclusion of the service the recital by the Port Nicholson Silver Band, to be given in the Grand Opera House, will be relayed.

Gleanings from 3YA.

ADJUTANT GOFFIN, assisted by the children of the Salvation Army the Church, when the service is to be relayed. Then will follow the relay of the concert at Ashburton.



MR. ELTON BLACK and MISS ALICE BENNETTO.

Two popular entertainers from 3YA. Miss Bennetto is, in addition, well known as a soprano. Mr. Black was for many years on the professional stage, and has now settled in Auckland. Both artists are heard frequently in combination.

—Andrew, photo.

Young People's Brigade, will conduct the children's song service at 5.30.

At 6.30 the service to be conducted in St. Stephen's Church of England, Ashburton, by the Rev. A. J. Petrie, will be broadcast. At 8.15 there will be a relay of a concert to be given in His Majesty's Theatre, Ashburton, by the Ashburton Silver Band, conducted by Mr. H. J. Osborne.

Dunedin Topics.

THE Rev. J. Stevely will be the preacher at First Presbyterian

Church, when the service is to be relayed. Then will follow the relay of the concert at Ashburton.

items, his other number being two of Keel's "Salt Water Ballads"—"The Wanderer's Song" and "Cape Horn Gospel."

The elocutionary portion of the programme will be given by Miss Molra Clouston, late of 1YA, Auckland, and her items will be "The Sphinx and the Woman" and "A Hard Case," the latter being a humorous number.

The major portion of the instrumental side of the programme at 2YA will be furnished by the Orchestra, under Signor A. P. Truda, whose items will include the "Fingal's Cave" overture, a selection from the "Coppelia Ballet," Rameau's "Ballet Suite," "The Dance" (by Rossini), and a Strauss concert walse, "The Emperor's Waltz." A pianoforte duet arrangement of Dvorak's "Slavonic Dance No. 5" and Chopin's "Polonaise in A Flat" will be played by the Misses Iris Mason and Jean Samson.

The recordings incorporated in the programme will feature Weber's "Clarinet Concerto" and violin solos by Yelli D'Aranyi, a Hungarian violinist who is a familiar figure on Continental and American concert platforms.

From Christchurch.

AT 7.30 there will be the usual monthly book review by Mr. E. Wiltshire, president of Linwood Public Library.

The evening's programme will be provided by the Municipal Band and assisting artists, Miss Hilda Hutt (soprano), Mr. James Shaw (tenor), Mrs. Margaret Williams (elocutioniste) and the Christchurch Broadcasting Trio. The programme will be of a miscellaneous nature. Two vocal duets by the Rasona Duo will be "Love's Sentry" and "Oh, That We Two Were Maying."

Broadcast from 4YA.

The programme will be contributed by some of the finest artistes in Dunedin. The items will all be operatic. Mr. Ernest Drake, the brilliant tenor, has chosen for his operatic excerpts "E Luci van le Stella" (from "La Tosca") and "Your Tiny Hand is Frozen" (from "La Boheme").

The Rev. L. North, who has been unable to appear before the microphone for some time, will delight listeners with Gounod's popular "Vulcan Song" (from "Philemon and Baucis") and "Clouds May Rise" (the recitative and aria from Handel's "Orlando"). Mr. North has a splendid broadcasting voice. Miss Mary Pratt, Dunedin's popular contralto, is an additional performer on this programme. An excerpt from "Carmen" (Bizet) and "Ye Powers that Dwell Below" (by Gluck) will be sung. Miss Pratt possesses a voice of remarkable quality and diction of the "bel canti" style, that is a voice that savours of the Italian school of beautiful legato style of singing. The remaining vocalist on the programme is Miss Lettie de Clifford, who won popularity and praise from her work with the Dunedin Amateur Operatic Society recently.

MONDAY

At 2YA.

A REVIEW of "Books—Grave and Gay" will be given by Mr. H. C. South during the news and reports session.

A distinctive programme will be presented during the concert session. The vocalists will include Mrs. Sara Clinton Hunt, Miss Hilda Chudley, Mr. E. Crewes, and Mr. G. Austin Blackie. Songs at the piano in English and French will be featured by Mrs. Clinton Hunt. Miss Winifred Hill, an Auckland soprano, will sing "The Almond Tree" and "Twas in the Golden Time of Spring." Miss Hilda Chudley, a young contralto singer who is rapidly making a name for herself as one of Wellington's leading contraltos, will sing on this programme Landon Ronald's "As a Dream," a Manx folk song, "Little Red Bird," and Dvorak's famous "Songs My Mother Taught Me."

Mr. G. Austin Blackie, one of Wellington's most popular tenors, and one whose singing is always of a high order, will on this occasion sing Schubert's "Serenade," Dorothy Forster's "Rosamunde," and a traditional number, "Oft in the Stilly Night." Mr. E. Crewes is a new arrival in Wellington, having spent most of his time in the South Island, where he is well known as a baritone soloist, who has performed successfully with the various musical societies of that island. One of a cycle of songs by Von Ahn Carse, viz., "The Amber and Amethyst," will be one of Mr. Crewes's

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Adding to the programme, the Studio Trio presents instrumental music, and Miss Anita Winkel, the talented elocutionist, includes in her items an extract from Shakespeare's "Twelfth Night."

TUESDAY

From 1YA.

Comedy of Three Centuries

AT 3.15 p.m. Mrs. Les Crane will continue her talks on "The Beauty of Mind and Body in Relation to Diet."

An excellent programme has been arranged for the evening session by Mrs. Zoe Bartley-Baxter and her company. Introduced by the overture, "In a Persian Market," the first part of the programme will be a presentation of an Omar Khayyam Fantasy, with incidental music, effects, and songs, and the second part will be the presentation of an entertainment entitled "Comedy of Three Centuries." Mrs. Bartley-Baxter is very well known for her artistic productions, and the ones for this evening are something out of the ordinary. The cast includes, Peggy Hovey, Joy Bartley, Myra Monk, Dorothea Ryan, H. Fryer-Raisher, Lees, Bullot, Edward Churchouse, Hugh Woods, Leslie Rainger, and Mrs. Zoe Bartley-Baxter, all well known Auckland artists.

2YA Notes.

Wellington Competitions

THE weekly talk to farmers will be given at 7.40 by a representative of the Department of Agriculture. From 8 o'clock there will be relayed from the Town Hall the ninth day festivities of the Wellington competitions. The programme will be a very interesting one.

Scheduled for 4YA.

Round the World

THE Kaikorai Band will present a novelty fantasia, "The Flight of the Southern Cross," which will be in the nature of a "round-the-world" programme. Special reference to the concert appears in another page.

Silent Day at 3YA.

WEDNESDAY

1YA'S Programme.

AT 12.30 p.m. a further relay of the community singing at the Town Hall will be carried out. At 7.40 p.m. Madame Mabel Milne will give another popular talk on health and diet.

THE evening programme will be provided by the New Zealand Four, consisting of Messrs. James Simpson, Roy Dormer, Eric Mannall, and A. Gibbons Taylor, who will be heard in quartets, solos, and duets. Bert Kingsland's Saxophone Quartet, already a very popular combination, will be heard in several items. Ingall's Hawaiians will play some of their beautiful Hawaiian music, which is popular among all classes of listeners. The pianoforte solo, "The Sea" (by Rowley) will be played by Mrs. Evelyn M. Prime, and a further topical talk will be given by Mr. A. B. Chappell, M.A.

Features at 3YA.

Old Songs

THE Salon Quartet will sing quartets, trios, duets, and solos. "Sally in Our Alley," "Swanee River," "In the

Gloaming," and "Love's Old Sweet Song" will be the quartets and trios. Among the solos will be "Fiddle and I" (with violin obligato), "My Heart is Weary," "Vale," "The Irish Emigrant," "Song of the Flea," and "She Wore a Wreath of Roses." A piano recital will be given by Mr. Sydney Francis Hoben, who will demonstrate from the works of Wagner, Saint Saens, and Paderewski. During the evening the Studio Octet will provide orchestral music.

Gleanings from 4YA.

THE afternoon talk to be given by the Home Science Extension Department of Otago University will be on "Frying Facts." At 7.15 Mr. L. W. McCaskill will review the July issue of the "Journal of Agriculture." Both talks are under the auspices of the 1YA Primary Productions Committee.

The evening programme will consist of a relay.

THURSDAY

Cottage Cheese

THE afternoon talk from 1YA, 2YA and 3YA will be on "The Making of Cottage Cheese and Tasty Cheese Dishes." This lecturette has been pre-

Broadcast from 2YA.

Symons-Ellwood-Short Trio

THE programme which will be furnished by the Wellington Commercial Travellers and Warehousemen's Orchestra and Concert Party, assisted by well-known local artists, promises to be one of the best programmes presented from this station.

Assisting the concert party will be the Symons-Ellwood-Short Trio, who will play Brahms' "Trio in C Major." This combination is known throughout the length of the Dominion as one of the finest Chamber Concert combinations in New Zealand.

The orchestra, under the conductorship of Mr. J. F. Woodward, will play a programme of light orchestral numbers, which will include the "Carnival" overture by Suppe, a selection from "The Desert Song," and "Rose Marie," Paderewski's "Minuet," a waltz by Gungl, a descriptive selection, "A Motor Ride" (by Bidgood), and the march, "War in the Air" (by Olsen). The supporting vocalists will include Mrs. J. F. Woodward, Mrs. Wilfred Andrews (who is making her first appearance

speaks on "Boys and Girls' Agricultural Clubs."

The quartets, "The Unseen Comrade," "Shepherdess and Beau Brocade" and "A Perfect Day" will be heard during the concert, the singers being the Grand Opera Quartet. Madame Gower Burns will sing as a soprano solo Chaminade's "L'ete." Miss Alice Vinsen's item will be "Salaam." Tenor solos by Mr. Ernest Rogers will be "Oh, Come, Let Links Divine" (from "Il Trovatore"), "A Dream" and "Like Stars Above." Mr. J. Filer (bass) will sing "The Lute Player" and "My Lodging is in Cellar Cool." Humorous recitations will be given by Miss Naare Hooper and an orchestral programme will be provided by the Studio Octet under Mr. Harold Beck. Mr. Beck will also play a cello solo to orchestral accompaniment.

Silent Day at 4YA.

FRIDAY

1YA Items.

Half-Hour Recital

AT 7.40 p.m. Mr. J. F. Montague will give a further talk on Maori pronunciation and place names.

A very popular feature of the programmes has been the half-hour recitals of instrumental and vocal music. Only the best available artists have been engaged for this work, and for this evening 1YA has been fortunate in securing the services of Miss Berta M. Carr, who has received extensive experience in England and on the Continent.

Her group of songs will include numbers by Roger Quilter and Rachmaninoff, the great Russian composer. One of her items, "The Soldier's Wife," will be sung in Russian. The violinist for the evening will be Mr. Haydn Murray, who has quickly come to the fore as an exponent of his chosen instrument. He has selected some very fine numbers of different types, and his half-hour recital should be a delight to all. The programme will commence with recordings by the New Queen's Hall Orchestra of Schubert's "Unfinished Symphony in Minor," and will conclude with the (Concluded on page 29.)



MRS. E. HINES and MISS PATRICIA McLEOD

Two Auckland soprano soloists.—Miss McLeod (Lyric) is new to 1YA microphone, and is already very popular. Mrs. Hines has broadcast on many occasions, and has a number of admirers.

—Andrew, photo.

pared by the Home Science Extension Department of Otago University.

Programme Notes from 1YA.

"The Signal"

THE Minus Fives will appear again after a long absence. Their performance is entitled "A Life on the Ocean Wave," with nautical songs and stories. There will also be a dramatic sketch entitled "The Signal," written by Mr. Edwin J. Landen, of Ponsonby, Auckland. This is an excellent sketch, full of tense dramatic situations.

The Minus Fives will be assisted by the Orchestral Octet and the programme will conclude with dance music.

before the microphone on this occasion), the Melodie Four, Miss Kathleen Ferris, Miss Jessie Shmith and Mr. Eric Harrison.

Mr. Clement May, one of the Dominion's leading entertainers, will provide listeners with excerpts from the immortal Dickens and that brilliant writer, A. A. Milne. These items should be a feature of the programme, being performed as they are by one who is recognised as an authority on the works of Charles Dickens. Humour will be provided by a new combination in the persons of Messrs. Patterson and Hull.

Schedule from 3YA.

AT 7.30 Mr. H. d'O. Chamberlain, of the Department of Agriculture,



MISS GLADYS BROOKS

A soprano who as a 3YA artist is well known to listeners.

—Photo, Stefano Webb.

Full Programmes for Next

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

Sunday, August 31

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, AUGUST 31.

- 3.0 : Afternoon session—Selected studio items, including literary selection by the Announcer.
 4.30: Close down.
 6.0 : Children's song service conducted by "Uncle Bert."
 6.55: Relay of Divine Service from Unitarian Church (Preacher, Rev. Wm. A. Constable; Conductor, Rev. Wilna Constable; Organist, Mr. W. H. Wood).
 8.30 (approx.): Relay of Municipal Band Concert from the Auckland Town Hall, under the conductorship of Mr. Christopher Smith.
 9.30 (approx.): God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 31.

- 3.0 : Chimes. Selected gramophone items.
 4.30: A recital of Hymns and Hymn-writers, ancient and modern, arranged by Mr. Andrew Morrison.
 5.30: Close down.
 6.0 : Children's Song Service conducted by "Uncle George," assisted by the Children's Choir from the Miramar Presbyterian Church.
 7.0 : Relay of evening service of the Vivian Street Baptist Church (Preacher, Rev. J. T. Crozier; Organist, Mr. Chas Collins. Choirmaster, Mr. J. R. Samson).
 8.15 (approx.): Relay of the band recital of the Port Nicholson Silver Band from the Grand Opera House (Conductor, Mr. J. J. Drew).

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, AUGUST 31.

- 3.0 : Afternoon session—Gramophone recital.
 4.30: Close down.
 5.30: Children's Song Service by children of Salvation Army Young People's Brigade (conducted by Adjutant Goffin).
 6.15: Intermission of instrumental musical items.
 6.30 (approx.): Relay of evening service from St. Stephen's Church of England, Ashburton (Preacher, Rev. A. J. Petrie; Organist and Choirmaster, Mr. J. C. Thomson).
 8.15 (approx.): Relay from His Majesty's Theatre, Ashburton, of concert by Ashburton Silver Band (Conductor, H. J. Osborne).
 Band numbers:
 Hymn, "Nearer, My God, to Thee" (Mason).
 March, "National Guard" (Alex. F. Lithgow).
 Selection, "Nabucco" (Verdi).
 Trombone solo (Bandsman S. Wallis), "The Joker" (Harold Moss).
 Fantasia, "The Smithy in the Wood" (T. H. Michaelis).
 Cornet polka (Dep.-Bandmaster Teale), "The Bostonian" (Rimmer).
 March, "Federation" (J. H. Carter).
 Vocal items:
 Soprano—Mrs. W. R. Featherstone, "I Know That My Redeemer Liveth" (from Handel's "Messiah").
 Contralto—Mrs. Sydney Bryant, "Arise, O Sun" (Maude Craske Day).
 Mixed quartet—Mesdames H. J. Constable and F. J. Chambers, Messrs. K. R. Norrish and E. R. Hopwood, "Fierce Raged the Tempest."
 Baritone—Mr. R. J. Laurenson, "The Midnight Review" (Glinka).
 Elocution—Miss Enid Thompson, "Captain Oates" (Rain).
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, AUGUST 31.

- 3.0 : Chimes. Selected gramophone items.
 4.30: Close down.
 5.30: Children's Song Service, conducted by "Big Brother Bill."
 6.15: Close down.
 6.30: Relay of evening church service from First Presbyterian Church, Dunedin (Preacher, Rev. J. Stevely; Organist, Dr. V. E. Galway).
 7.50: Berlin State Orchestra, "The Mastersingers" (Wagner) (H.M.V.).
 Victor Symphony Orchestra, (a) "Kamenois Ostrow" (Rubinstein), (b) "Liebestraum" (Liszt) (H.M.V. EB10).
 8.15: Relay from Ashburton of concert by the Ashburton Silver Band under Conductor H. J. Osborne.
 Band numbers:
 Hymn, "Nearer, My God, to Thee" (Mason).
 March, "National Guard" (Alex. F. Lithgow).
 Selection, "Nabucco" (Verdi).
 Trombone solo (Bandsman S. Wallis), "The Joker" (Harold Moss).
 Fantasia, "The Smithy in the Wood" (T. H. Michaelis).

- Cornet polka (Dep.-Bandmaster Teale), "The Bostonian" (Rimmer).
 March, "Federation" (J. H. Carter).
 Vocal items:
 Soprano—Mrs. W. R. Featherstone, "I Know That My Redeemer Liveth" (from Handel's "Messiah").
 Contralto—Mrs. Sydney Bryant, "Arise, O Sun" (Maude Craske Day).
 Mixed quartet—Mesdames H. J. Constable and F. J. Chambers, Messrs. K. R. Norrish and E. R. Hopwood, "Fierce Raged the Tempest."
 Baritone—Mr. R. J. Laurenson, "The Midnight Review" (Glinka).
 Elocution—Miss Enid Thompson, "Captain Oates" (Rain).
 God save the King.

Monday, September 1

1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, SEPTEMBER 1.

SILENT DAY.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, SEPTEMBER 1.

- 3.0 : Chimes. Afternoon session—Selected studio items.
 3.30 and 4.30: Sporting results to hand.
 3.40: Lecturette—Mr. Frank Hilton, "Domestic Cooking."
 4.45: Close down.
 5.0 : Children's session, "H.M.V." hour.
 Suite—London Symphony Orchestra, "Czar Sultan" Suite.
 Waltz—International Concert Orchestra, "Waltz Dream" (Strauss).
 6.12: Tacet.
 6.15: Suite—New Light Symphony Orchestra, "Peer Gynt Suite" (Grieg).
 1—Ingrid's Lament; 2—Arabian Dance (C1571).
 New Light Symphony Orchestra, "Prelude in G Minor" (Rachmaninoff).
 6.27: Tacet.
 6.30: Suite—New Light Symphony Orchestra, "Peer Gynt Suite" (Grieg).
 1—Return of Peer Gynt; 2—Solveig's Song (C1572).
 New Light Symphony Orchestra, "Prelude in C Sharp Minor."
 6.42: Tacet.
 6.45: Philadelphia Symphony Orchestra, "Danse Orientale" (Glazounov).
 Waltz—International Concert Orchestra, "Sari" (Kalman).
 March—Philadelphia Symphony Orchestra, "March of the Caucasian Chief" (Ippolitoff-Iwanoff) (E521).
 6.57: Tacet.
 7.0 : News session, market reports and sports results.
 7.40: Lecturette—Mr. H. C. South, "Books Grave and Gay."
 8.0 : Chimes.
 8.1 : Overture—2YA Orchestra (Conductor, Signor A. P. Truda), "Fingal's Cave" (Mendelssohn).
 8.11: Soprano—Mrs. Sara Clinton Hunt in a group of songs at the piano, (a) "Obstination" (Fontenailles); (b) "The Swiss Girl's Lament" (Traditional); (c) "Il Bacio" (Arditi).
 8.21: Pianoforte duet—Misses Iris Mason and Jean Samson (a) "Slavonic Dance, No. 5" (Dvorak); (b) "Polonaise in A Flat" (Chopin).
 8.28: Baritone—Mr. E. Crewes, "The Amber and Amethyst" (von Ahn Carse).
 8.32: Ballet music—2YA Orchestra, "Coppelia Ballet" (Delibes).
 8.40: Elocution—Miss Moira Clouston, "The Sphinx and the Woman."
 8.45: Tenor—Mr. G. Austin Blackie, "Serenade" (Schubert).
 8.49: Contralto—Miss Hilda Chudley, (a) "As a Dream" (Landon Ronald); (b) "Manx folk song"; (b) "Little Red Bird" (Foster).
 8.55: Ballet suite—2YA Orchestra, "Ballet Suite" (Rameau).
 9.3 : Weather report and announcements.
 9.5 : Baritone—Mr. E. Crewes, (a) "The Wanderer's Song"; (b) "Cape Horn Gospel" from "Salt Water Ballads" (Keel).
 9.12: Band—Band of the Garde Republicaine of France, "Clarinet Concerto."
 9.20: Contralto—Miss Hilda Chudley, "Songs My Mother Taught Me."
 9.24: Selection—2YA Orchestra, "The Dance" (Rossini).
 9.32: Soprano—Miss Winifred Hill, (a) "The Almond Tree" (Schumann); (b) "Twas in the Golden Time of Spring" (Mallinson).
 9.38: Elocution—Miss Moira Clouston, "A Hard Case" (Thomas).
 9.44: Violin—Yelly D'Aranyi, (a) "Bagatelle in D" (Gatty); (b) "Rondino."
 9.50: Tenor—Mr. G. Austin Blackie, (a) "Rosamund" (Forster); (b) "Off in the Stilly Night" (Traditional).
 9.56: Concert value—2YA Orchestra, "The Emperor's Waltz" (Strauss).
 10.4 : Close down.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, SEPTEMBER 1.

- 3.0 : Afternoon session—Gramophone recital.
 4.25: Sports results.
 4.30: Close down.

Week-all Stations-to Sep. 7

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

- 5.0 : Children's hour, "Sunny Jim and Cousin Margot."
 6.0 : Dinner session, "Columbia" hour.
 Band—Royal Italian Band, "Marica Reale" (Gabetti) (01182).
 Instrumental Court Symphony Orchestra, "In Venice" (Sellars) (896).
 Cinema organ—Stanley MacDonald, "Was It a Dream?" (Coslow).
 Band—Royal Italian Band, "Garibaldi's Hymn" (Olivieri) (01182).
 6.12: Tacet.
 6.15: Instrumental—Ketelbey's Concert Orchestra, "Sanctuary of the Heart" (Ketelbey) (02690).
 'Cello—W. H. Squire, "Melody in F" (Popper) (04173).
 6.26: Tacet.
 6.30: Instrumental—W. H. Squire's Celeste Octet, "Mignon." 1—Introduction and Romance; 2—Polonaise (Thomas) (02749).
 'Cello—W. H. Squire, "Silver Threads Among the Gold."
 6.42: Tacet.
 6.45: Band—H.M. Grenadier Guards, "Turkish Patrol" (Michaelis) (4111).
 Cinema organ—Stanley MacDonald, "Nicolette" (Batten).
 Waltz—Jacque Jacobs Ensemble, "Weiner Blut" (Strauss) (02556).
 Idyll—H.M. Grenadier Guards Band, "Smithy in the Woods."
 6.58: Tacet.
 7.0 : News session.
 7.30: Talk—Mr. E. Wiltshire (President of Linwood Library), "Books of the Month."
 8.0 : Chimes.
 Band Programme by Christchurch Municipal Band (Conductor, J. Noble), and assisted by SYA Artists.
 March—Band, "Queen of the South" (Rimmer).

- Entr'acte—Band, "Narcissus" (Nevin).
 8.13: Soprano and tenor duet—The Rasona Duo, "Love's Sentry" (from "Madame Pompadour") (Leo Fall).
 8.17: Instrumental—Christchurch Broadcasting Trio, "Trio No. 1."
 8.27: Humorous recitation—Mrs. Margaret Williams, "Mrs. 'Arris' Goes for a Ride in the Tube" (Cyril Poultney).
 8.33: Organ—Arthur Meale, "Yellow Sands" (Ewing) (H.M.V. B3112).
 8.36: Fantasia—Band, "A Darcy's Dreamland" (Bidgood).
 8.44: Soprano—Miss Hilda Hutt, (a) "Love the Pedlar" (German); (b) "Spring's Awakening" (Sanderson).
 8.50: Violin and guitar—Giulietta Morino, "Could I?" (Poggis).
 8.53: Tenor—Mr. James Shaw, "The Trumpeter" (Dix).
 8.57: Waltz—Band, "Dreaming of Brown Eyes" (Mayne).
 9.2 : Weather forecast and station notices.
 9.4 : Orchestral—International Novelty Orchestra, "Carmen Sylvia."
 9.8 : Duet, soprano and tenor—The Rasona Duo, "O That We Two Were Maying" (A. M. Smith).
 9.12: Cloral—Light Opera Company, "Gems from Peggy Ann" (Rodgers).
 9.16: Eastern foxtrot—Band, "When Lights are Low in Cairo" (Myers).
 9.22 : Soprano—Miss Hilda Hutt, "Down the Vale" (Moir).
 9.26: Instrumental—Christchurch Broadcasting Trio, (a) "Swedish Folk Song" (Svendsen); (b) "Mazurka" (Malling); (c) "Hungarian Dance No. 4" (Brahms).
 9.34: Humorous recitation—Mrs. Margaret Williams, "If We Only Knew."
 9.38: Organ—Arthur Meale, "Neath the Desert Moon" (Ewin).
 9.41: Humorous fantasy—Band, "Three Blind Mice" (Shipley Douglas).
 9.49: Tenor—Mr. James Shaw, "Farewell in the Desert" (Adams).
 9.53: Male quartet—The Revellers, "Little Cotton Dolly" (Giebel).
 9.56: Hymn—Band, "Fierce Raged the Tempest" (Dykes).
 March—Band, "The Commonwealth" (Rimmer).
 God save the King.

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RADIO DIVISION

WELLINGTON

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, SEPTEMBER 1.

- 3.0 : Chimes. Selected gramophone items.
 4.25: Sporting results.
 4.30: Close down.
 5.0 : Chimes. Children's hour, conducted by Big Brother Bill.
 6.0 : Dinner music, "Columbia" hour.
 Intermezzo—Milan Symphony Orchestra, "Cavalleria Rusticana."
 Selection—Herman Finck's Orchestra, "Schubertiana" (arr. Finck).
 6.12: Tacet.
 6.15: Selection—Herman Finck's Orchestra, "Schubertiana" (arr. Finck).
 Marimba Orchestra—Rio Marimba Orchestra, "Three O'clock in the Morning" (Robledo) (02685).
 6.27: Tacet.
 6.30: Bayreuth Festival Orchestra, "Siegfried Prelude Act 3" (Wagner).
 Waltz—Eddie Thomas' Collegians, "Moments with You" (Shilkret).
 Waltz—Eddie Thomas' Collegians, "Moonlight on the Danube" (Gay).
 Wurlitzer organ—Stanley MacDonald, "La Rosita" (Dupont).
 6.43: Tacet.
 6.45: Selection—Regal Orchestra, "Pagliacci" (Leoncavallo).
 Rio Marimba Orchestra, "My Isle of Golden Dreams" (Blaufuss).
 6.57: Tacet.
 7.0 : News session.
 7.40: Talk—Under auspices of W.E.A.
 8.0 : Chimes.
 Overture—The Light Symphony Orchestra, "The Merry Wives of Windsor" (Nicolai) (H.M.V. C1200).
 8.9 : Baritone—Rev. L. North, "Recitative and Aria from 'Orlando'"; "Clouds May Arise" (Handel).
 8.15: 'Cello—Pablo Casals, "O Star of Eve from 'Tannhauser'" (Wagner).
 8.19: Shakespearean recital—Miss Anita Winkel, "Act 1, Scene 5" from "Twelfth Night" (Shakespeare).
 8.26: Soprano—Miss Lettie de Clifford, "As Through the Streets" (from "La Boheme" (Puccini).
 8.29: Instrumental—4YA Trio, "Ballet Music from 'Faust'" (Gounod).
 8.41: Tenor—Mr. Ernest Drake, "Your Tiny Hand is Frozen" (from "La Boheme" (Puccini).
 8.46: Violin—Mr. J. A. Wallace, "Faust Fantasia" (Gounod).
 8.56: Contralto—Miss Mary Pratt, "Carmen" extract (Bizet).
 9.1 : Weather report.
 9.2 : Orchestral—Royal Opera Orchestra, "Sylvia Ballet Prelude—The Huntress" (Delibes) (H.M.V. C1417).
 9.6 : Baritone—Rev. L. North, "Vulcan Song" (from "Phileman Baucis").
 9.11: Instrumental—4YA Trio, "Prelude to Act 4" from "Heriodiade" (Wagner Quintet from "Meistersingers" (Wagner).
 9.21: Recital—Miss Anita Winkel, "Gathering Peaches" (Baughan).
 9.25: Soprano—Miss Lettie de Clifford, (a) "Saper Vorrest" (from "Un Ballo Macheria" (Verdi); (b) "Mother You Know" (from "Cavalleria Rusticana" (Leoncavallo).
 9.32: Piano—Mrs. C. Drake, "Reflections in the Water" (Debussy).

- 9.38: Tenor—Mrs. Ernest Drake, "E Luce Van Le Stella" (from "La Tosca")
 9.43: Instrumental—4YA Trio, Ballet Music from (a) "Rosamunde" (Schubert); (b) "Swan Song from 'Lohengrin'" (Wagner).
 9.52: Contralto—Miss Mary Pratt, "Ye Powers that Dwell Below" (Gluck).
 9.58: March—Philadelphia Symphony Orchestra, "March of the Caucasian Chief" (Ippolitoff) (H.M.V. E521).
 10.2: God save the King.

Tuesday, September 2

1YA, AUCKLAND (900 KILOCYCLES)—TUESDAY, SEPTEMBER 2.

- 3.0: Afternoon session—Selected studio items.
 3.15: Talk—Mrs. Les. Crane, "The Beauty of Mind and Body in Relation to Diet."
 3.30: Further selected studio items.
 4.30: Close down.
 5.0: Children's session, conducted by Uncle Dave.
 6.0: Dinner session, "Parlophone" Hour.
 Selection—Edith Lorand Orchestra, "La Boheme" (Puccini) (E10558).
 Waltz—Edith Lorand Orchestra, "La Serenade" (Metra) (E10522).
 Violin—Tosny Spiwakowsky, "Turkish March" (Beethoven) (A2561).
 6.12: Tacet.
 6.15: Waltz—Edith Lorand Orchestra, "Venetian Barcarolle."
 Trio—Dajos Bela Trio, (a) "Traumerei" (Schumann); (b) "Chant D'Automne" (Tschalkowsky) (S70573).
 'Cello—Gregor Piatigorsky, "The Swan" (Saint Saens) (A2628).
 6.28: Tacet.
 6.30: Edith Lorand's Orchestra, (a) "Minuet" (Boccherini) (A4108); (b) "Toreador and Andalous" (Rubenstein) (A4108).
 Waltzes—Loyal Music Makers, (a) "Kiss Me Again" (Herbert); (b) "Ah, Sweet Mystery of Life" (Herbert) (A2722).
 6.44: Tacet.
 6.45: Suite—Paris Opera Comique Orchestra, "Balet Egyptien" (Luigini).
 6.57: Tacet.
 7.0: News and market reports.
 Overture—Quentin MacLean "In a Persian Market" (Ketelbey).
 Presentation of an Omar Khayyam Fantasy with incidental music, effects and songs. Under the direction of Mrs. Zoe Bartley-Baxter.
 9.0: Evening weather forecast and announcements.
 Presentation of "Comedy of Three Centuries" with incidental music. Under direction of Mrs. Zoe Bartley-Baxter.
 Act 1.—Entr'acte—New Symphony Orchestra, "Nell Gwynn Dances."
 Act. 2.—Entr'acte—New Light Symphony Orchestra, "Spanish Dance No. 1" (Granados) (R.M.V. 1553).
 Act. 3.—Entr'acte—New Symphony Orchestra, "Minuet" (Boccherini).
 10.0: God save the King.

3YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, SEPTEMBER 2.

- 3.0: Chimes. Afternoon Session. Selected studio items.
 3.30 and 4.30: Sporting results to hand.
 4.55: Close down.
 5.0: Children's session, conducted by Uncle Jim and assisted by pupils of Miss G. Helen Gard'ner.
 6.0: Dinner music session, "Columbia" Hour.
 Band—Band of the Garde Republicaine of France, "The Two Pigeons"; 1. Entrance of Tziganes; 2. Scene and March of the Two Pigeons (Messenger) (02924).
 Band—Band of the Garde Republicaine of France, "The Two Pigeons"; 3. Hungarian Dance; 4. Theme and Variations (Messenger) (02925).
 6.14: Tacet.
 6.15: Orchestral—Modern Dance Players, "Over the Waves" (Rosas).
 Orchestral—Modern Dance Players, "Amoretten Tanze" (Gung'l).
 Piano—Gil Dech, "Le Jet D'Eau" (Smith) (01719).
 Band—B.B.C. Wireless Military Band, "Fourpence-Halfpenny Farthing" (arrgd. Cecil J. Sharp) (01710).
 Trio—Stellar Instrumental Trio, "The Maiden's Prayer."
 6.28: Tacet.
 6.30: Band—H.M. Grenadier Guards, "Fantasia on 17th Century Music A.D. 1664" (arrgd. Major George Miller) (02890).
 Saxophone—Rudy Wiedoeft, "Melody" (Dawes) (01180).
 Orchestral—Continental Novelty Orchestra, "Los Claveles De Sevilla."
 6.43: Tacet.
 6.45: Orchestral—Continental Novelty Orchestra, "Las Lagarteranas."
 Instrumental—Squire's Celeste Octet, "Come Into the Garden Maud."
 Instrumental—Squire's Celeste Octet, "Killarney" (Balfe, arrgd. Sear).
 Organ—Terence Casey, "I'm Lonely" (Coates) (01501).
 Band—B.B.C. Wireless Military Band, "Lilli Burlero."
 6.59: Tacet.
 7.0: News session, market reports and sports results.
 7.40: Lecturette—Representative, Agricultural Department, "For the Man on the Land."
 8.0: Chimes.
 From the Town Hall: Relay of the Ninth Night of the Wellington Competitions Society's 1930 Festival.
 Piano solo—"Concert Study in D Flat" (Liszt).
 Character Recital—Girls—Own Selection.
 Church Choir—(a) "Anthem"; (b) "Hymn."
 Hataitai Methodist Church (a) "For Ever Worthy is Thy Lamb" (Handel); (b) "O Love That Will Not Let Me Go" (Bonner).

- Feilding Wesley Choir—(a) "The Sun Shall Be No More". (b) "I Heard the Voice of Jesus Say" from Methodist Hymnary.
 Character Recitation (Humorous)—Boys.
 Character Dance.
 Operatic Solo—Ladies—Own Selection.
 Humorous Recitation—Gentlemen Own Selection.
 Song in Character—(not humorous)—Lady or Gentleman—Own Selection.
 Test Recital—Girls.
 Tenor Solo—"The Sun Returns" Key G (Lanski's Song from the opera "Eugen Onegin". (Tschalkowsky).
 Baritone Solo—"Gifts" Key D (Bainton).
 Vocal Solo—Ladies—Negro Spiritual—Own Selection.
 Ballet in Costume.

- 10: Programme of dance music, "Columbia" Hour.
 Foxtrot—Paul Specht and Orchestra, vocal trio, "Hittin' the Ceiling."
 Vocal—Charles Lawman and Novelty Accompaniment, "Oh! Sweet heart Where Are You To-night?" (Davis and Coots).
 Foxtrot—Rudy Vallee, "Outside" (Flynn) (Regal G20570).
 Foxtrot—Denza Dance Band, "One Summer Night."
 Foxtrot—Swain's Cafe Royal Band, "It Goes Like This, That Funny Melody" (Caesar-Freind) (Regal G20570).
 10.15: Waltz—Selfin's Orchestra, "Ramona" (Wayne-Gilbert) (01187).
 Foxtrot—Bernie's Orchestra, "I Want to Meander in the Meadow."
 Foxtrot—Midnight Revellers, "The Moonlight March."
 Foxtrot—Bernie's Orchestra, "Where the Bab-Bab-Babbling Brook."
 Foxtrot—Paul Specht and Orchestra, "Sing a Little Love Song."
 10.30: Vocal—Charles Lawman and Novelty Accompaniment, "When We Get Together in the Moonlight" (Rose, Ryan and Violinsky).
 Waltz—The Cavaliers, "Sleepy Valley" (Hanley-Sterling) (01688).
 Foxtrot—Lombardo's Royal Canadians, "You Made Me Love You."
 Foxtrot—Rhythmic Troubadours and vocal refrain, "When The Real Thing Comes Your Way" (Spier and Coslow) (Regal G20800).
 Foxtrot—Lombardo's Royal Canadians, "You Belong To Me, I Belong To You" (Lombardo-Newman) (01690).
 Foxtrot—Midnight Revellers, "Sweetheart's Holiday."
 10.48: Waltz—The Cavaliers, "Recollections" (Rapee-Pollack) (01688).
 Waltz—Swain's Band, "Sleep Baby, Sleep" (Tucker and Schuster).
 Foxtrot—Selvin's Orchestra, "In My Bouquet of Memories."
 Waltz—Swain's Band, "Heigh Ho! Everybody Heigh Ho!"
 11.0: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, SEPTEMBER 2. SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, SEPTEMBER 2.

- 3.0: Chimes. Selected gramophone items.
 4.25: Sporting results.
 4.30: Close down.
 5.0: Chimes. Children's hour, conducted by Uncle Pete.
 6.0: Dinner music—"H.M.V." Hour.
 Overture—H.M. Coldstream Guards Band, "Poet and Peasant" (Suppe).
 Orchestral—Symphony Orchestra, "Love, the Magician" (de Falla).
 6.12: Tacet.
 6.15: March—National Military Band, "Liberty Bell" (Sousa) (Zono. 5366).
 Waltz—International Novelty Quartet, "Cuckoo" (Jonasson) (EE67).
 Waltz—Jack Hylton's Orchestra, "Spanish Rose" (Pearson) (B5481).
 Xylophone—Sam Herman, "Al Fresco" (Zonophone EE53).
 6.27: Tacet.
 6.30: Orchestral—New Light Symphony Orchestra, "In a Clock Store" (Orth).
 March—Royal Opera Orchestra, "Marche Hongroise" (Berlioz).
 Orchestral—Symphony Orchestra, "Spanish Dance" (de Falla).
 6.42: Schottische—International Novelty Quartet, "Lena" (Mewes).
 Pipe organ, piano, trombone and harp—Shilkret's Rhythm Melodists, "When You're with Somebody Else" (Gilbert) (EA336).
 Waltz—Jack Hylton's Orchestra, "The Angelus was Ringing."
 March—National Military Band, "El Capitan" (Sousa) (Zone. 5366).
 6.57: Tacet.
 7.0: News session.
 7.40: Talk—Mr. R. W. Marshall, Tourist Department, "Tourist Resorts of New Zealand."
 8.0: Chimes. Special programme by the Kaikorai Band, under direction of Mr. Thos. J. Kirk-Burnnand, assisted by 4YA artists, rendering Irish, Welsh and Scottish folk songs.
 Concert march—The Band, "Fighting Mac" (Lithgow).
 Dramatic tension—The Band, "Sanctuary of the Heart" (Ketelbey).
 8.12: Tenor—Mr. J. E. Davies, Two Welsh Songs (in Welsh), (a) "Captain Morgan's War Song" (Traditional); (b) "The Dove" (Traditional).
 8.19: Organ—Leslie James, "Everybody's Melodies" (H.M.V. 3213).
 8.25: Burns recital—Miss Elsie McPeak, (a) "To Mary in Heaven" (Burns); (b) "The Joyful Widower" (Burns).
 8.30: Novelty fantasia by the band and lecture by Mr. G. J. Errington, President of Otago Expansion League, and Executive Member of Otago Aero Club—"The Flight in the 'Southern Cross' Around the World with Kingsford Smith." Vocalist, Mr. A. McDonald. Fantasia compiled by Mr. T. J. Kirk-Burnnand, including (a) Rudyard Kipling's "Seven Seas" and a full description of Kingsford Smith's flight around the globe by Mr. G. J. Errington; (b) March, "Southern Cross" (Kirk-Burnnand), (c) "Leaving America," (d) "Arrival at Honolulu," (e) "Arrival at Australia."

9.2 : Weather report.

- (f) "Flight to New Zealand" (Storm Scene), (g) "Arrival in New Zealand" (Maori Haka), (h) "Return Flight to Australia" (Storm Scene and Arrival Back), (i) "Flight to England," (j) "Flight Across the Atlantic and Arrival in Canada," (k) "Flight Back to U.S.A." (Stars and Stripes for Ever" and "See the Conquering Hero Comes," concluding with the "Australian Anthem."
- 9.30: Soprano—Mr. D. Carty, (a) "Comin' Thru the Rye" (arr. Lees); (b) "My Ain Wee Hoose" (Wilson).
- 9.36: Jack Hylton and Orchestra, "Up in the Clouds" (Ruby).
- 9.39: Recital—Miss Elsie McPeak, "Tam o' Shanter" (abridged) (Burns).
- 9.45: Tenor—Mr. J. E. Davies, Two Irish Folk Songs, (a) "The Minstrel Boy" (Moore); (b) "Killarney" (Balfé).
- 9.50: Valse—The Band, "Sunshine and Shadow" (Bela).
- 9.55: Soprano—Mrs. D. Carty, "Memories of Home" (Paul).
- 9.59: March—The Band, "Sons of New Zealand" (Lithgow).
- 10.2 : God save the King.

Wednesday, September 3

1YA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, SEPTEMBER 3.

- 12.30: Relay Community Singing from Auckland Town Hall.
- 1.30: Close down.
- 3.0 : Afternoon session—Selected Studio Items, including Literary selection by the Announcer.
- 4.30: Close down.
- 5.0 : Children's session, conducted by Uncle Tom.
- 6.0 : Dinner session, "H.M.V." Hour.
- Orchestral—New Symphony Orchestra, "Le Cid Ballet Music" (a) Castillane; (b) Aubade; (c) Andalouse; (d) Aragonaise.
- Violin—Helfetz, (a) "Jota" (de Falla); (b) "Puck" (Grieg).
- Orchestral—Marek Weber and His Orchestra, "Menuett No. 1."
- 6.14: Tacet.
- 6.15: Band—Band of H.M. Coldstream Guards, "Iolanthe" (Sullivan).
- Orchestral—The London Orchestra, "Valse Memories Pt. 1 and 2."
- Organ—R. E. McPherson, "Ninette" (Maud) (B3118).
- 6.28: Tacet.
- 6.30: Orchestral—New Symphony Orchestra, "Le Cid Ballet Music" (a) Madrilene; (b) Navarraise (Massenet) (C1639).
- Violin—Helfetz, "On Wings of Song" (Mendelssohn) (DB1216).
- Band—Band of H.M. Coldstream Guards, "Pirates of Penzance."
- 6.43: Tacet.
- 6.45: Orchestral—Marek Weber's Orchestra, "I Pagliacci."
- Organ—R. E. McPherson, "A Japanese Sunset" (Deppen) (B3118).
- Orchestral—Marek Weber and Orchestra, "Coeur Brise" (Gillet).
- 6.59: Tacet.
- 7.0 : News and market reports.
- 7.40: Talk—Madame Mabel Milne, "Health and Diet."
- 8.0 : Chimes.
- Overture—Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" (Suppe) (H.M.V. C1667).
- 8.9 : Vocal quartet—The New Zealand Four, "All We, Like Sheep."
- 8.13: Hawaiian Instrumental—Ingall's Hawaiians, (a) "Hawaiian Nights"; (b) "Pua Hula" (trdl.).
- 8.20: Tenor—Mr. James Simpson, (a) "Loughareema" (Eisdell); (b) "An Autograph" (Macandrew).
- 8.26: Piano—Mrs. Evelyn M. Prime, "The Sea" (Rowley).
- 8.32: Vocal duet—Messrs. Roy Dormer and Eric Mannall, "Land of the Long Ago" (Ray).
- 8.36: Saxophone Quartet—Bert Kingsland's Saxophone Quartet, (a) "Angelus" (Massenet); (b) "Break-N-Sax" (Finder).
- 8.44: Lecturette—Mr. A. B. Chappell M.A., Topical Talk.
- 8.59: Evening Weather Forecast and Announcements.
- 9.1 : Selection—Band of H.M. Coldstream Guards, "H.M.S. Pinafore."
- 9.9 : Vocal Quartet—The New Zealand Four, "Lucky Jim" (Parks).
- 9.13: Hawaiian Instrumental—Ingall's Hawaiians, (a) "Coral Sands of My Hawaii" (Heagney); (b) "Hawaiian Echoes" (M.S.S.).
- 9.20: Tenor—Mr. Roy Dormer, "The Blind Ploughman" (Clarke).
- 9.24: Organ—R. E. McPherson, "A Japanese Sunset" (Feppen).
- 9.27: Vocal duet—Messrs. Jas. Simpson and A. Gibbons Taylor, "At Peace With the World" (Berlin).
- 9.31: Saxophone Quartet—Bert Kingsland's Saxophone Quartet—(a) "Evening Thoughts" (Dunn); (b) "Piggle Wiggle" (Barroll).
- 9.39: Baritone—Mr. Eric Mannall, "Till You Come Home Again" (Gayne).
- 9.43: Hawaiian Instrumental—Ingall's Hawaiians, (a) "Kawhaihau Waltz" (Awai); (b) "Honolulu March" (Awai).
- 9.50: Bass—Mr. A. Gibbons Taylor, "Because I Wer' Shy" (Johnston).
- 9.54: Vocal Quartet—The New Zealand Four, "Mammy's Lil' Coal Black Coon" (Bellam).
- 9.57: Orchestral—Victor Salon Orchestra, "Indian Love Call" (Friml).
- 10.1 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, SEPTEMBER 3
SILENT DAY.

3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, SEPT. 3.

- 3.0 : Afternoon session, gramophone recital.
- 4.25: Sports results.

4.30: Close down.

5.0 : Children's Hour, conducted by Uncle John.

6.0 : Dinner Session, "H.M.V." Hour.

Orchestral—Marek Weber and Orchestra, "Beggar Student."

Orchestral—Philadelphia Symphony Orchestra, "Carmen Entr'acte Act. 4" (Bizet) (E531).

Piano—Wilhelm Backhaus, "Bohemian Dance" (Smetana) (DB1130).

6.13: Tacet.

6.15: Band—Creatore's Band, "Semiramide" (Rossini) (C1420).

Orchestral—Philadelphia Symphony Orchestra, "Soldiers Changing the Guard" (Bizet) (D1618).

Orchestral—Marek Weber and Orchestra, "Rustle of Spring."

6.28: Tacet.

6.30: Orchestral—New Symphony Orchestra, "Nell Gwynn Dances Nos. 1 and 2" (Edward German) (B2987).

Orchestral—Philadelphia Symphony Orchestra, (Carmen) "March of the Smugglers" (Bizet) (D1618).

Piano—Wilhelm Backhaus, "Caprice Espagnole" (Moszkowski).

6.44: Tacet.

6.45: Orchestral—Marek Weber and Orchestra, "My Darling Waltz."

Band—National Military Band, "Flying Dutchman Overture."

Orchestral—Philadelphia Symphony Orchestra, "Carmen Entr'acte Act. 1" (Bizet) (E531).

6.58: Tacet.

7.0 : News session.

7.30: Addington Stock Market Reports.

8.0 : Chimes.

Overture—Court Symphony Orchestra, "Gondoliers Selection."

8.9 : Mixed Quartet—The Salon Quartet—"Sally in Our Alley."

8.11: Cello—Pablo Casals, "Melody in E Flat" (Tschalkowsky) (Col. X317).

8.14: Baritone—Mr. J. G. Young, "Song of the Flea" (Moussorgsky).

8.18: Instrumental—Studio Instrumental Octet (Conductor Mr. Harold Beck) Ballet Piquant, (a) "Minuet"; (b) "Sleepy Dance"; (c) "Dance of the Fairies" (Packer).

8.27: Contralto—Miss Dulcie Mitchell, "My Heart is Weary" (Nadeshda).

8.30: Vocal trio—The Salon Trio, "In the Gloaming" (Harrison-Parks).

8.33: Piano recital with introductory comments—Mr. Sydney Francis Hoben, (a) "O du Mein Holder Abenstein" (Wagner-Liszt); (b) "Souvenir De Rome" (St. Saens); (c) "Polonaise" (Paderewski).

8.51: Instrumental—Studio Instrumental Octet, "Grand Opera Selection 'Lucia Di Lammermoor'" (Donizetti).

9.1 : Weather forecast and station notices.

9.3 Soprano and Baritone Duet—Salon Duo, "In a Little Old Garden."

9.6 : Mandolin—Circolo Mandolintico, "Carmen Intermezzo Act. 4."

9.9 : Tenor—Mr. H. Blakeley, "The Irish Emigrant" (Barker).

Mixed Quartet—The Salon Quartet, "Swanee River" (Foster-Parks).

9.16: Instrumental—Studio Instrumental Octet, "Carnival Venetian Florindo" (Burgmein).

9.19: Contralto—Miss Dulcie Mitchell, "Valse" (K. Russell).

9.22: Cello—Pablo Casals, "Serenade" (Romance Sans Paroles).

9.25: Soprano—Miss Corrie Aslin, "Fiddle and I" (with violin obligato) by Irene Morris (Goodeve).

9.28: Instrumental—Studio Instrumental Octet, "Dances from 'The Rebel Maid'" (Mont-Phillips).

9.38: Tenor—Mr. H. Blakeley, "She Wore a Wreath of Roses" (Knight).

Vocal duet—Salona Duo, "Tis the Merry Month of May" (From "Merrie England" (German).

9.45: Instrumental—Studio Instrumental Octet, (a) "Bal De Noces" (Burgmein); (b) "Hungarian Dance No. 5" (Brahms).

9.54: Vocal trio—Salon Trio, "Love's Old Sweet Song" (Molloy).

9.57: Band—B.B.C. Wireless Military Band, "Folk Dance"; "Haste to the Wedding" (arrgd. Sharp) (Col. 01809).

God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, SEPTEMBER 3.

3.0 : Chimes. Selected gramophone items.

3.15: Talk—Home Science Extension of Otago University, under auspices of 4YA Primary Productions Committee.

4.25: Sporting results.

4.30: Close down.

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

6.0 : Dinner music, "H.M.V." hour.

Overture—National Symphony Orchestra, "Light Cavalry" (Suppe).

Waltz—Chicago Symphony Orchestra, "Roses of the South" (Strauss).

Cello—Pablo Casals, "Moment Musical" (Schubert) (DA776).

6.13: Tacet.

6.15: Hawaiian—Hilo Hawaiian Orchestra, (a) "Kawaihau Waltz" (Kela-kai); (b) "My Hula Love" (B2799).

Medley waltz—The Troubadours, "Popular Songs of Yesterday."

Cello—Pablo Casals, "Le Cygne" (Saint-Saens) (DA776).

6.27: Tacet.

6.30: Waltzes—International Concert Orchestra, (a) "The Merry Widow" (Lehar); (b) "Luxembourg Waltz" (Lehar) (Zono. EE9).

Violin and guitar—Giulietta Morino, (a) "Harlequin's Serenade" (Drigo); (b) "Could I?" (Poggis) (Zono. EE134).

6.44: Tacet.

6.45: Instrumental—New Light Symphony Orchestra, (a) "Dancing Doll" (Poldini); (b) "At Dawning" (Cadman) (B2629).

Wurlitzer organ—Jesse Crawford, "Carolina Moon" (Davis).

Instrumental—Royal Opera Orchestra, "The Sleeping Beauty."

6.58: Tacet.

7.0 : News session.

- 7.15: Talk—Mr. L. W. McCaskill, under auspices of 4YA Primary Productions Committee, "Review of Journal of Agriculture."
- 8.0 : Chimes. Relay from Concert Chamber of Town Hall, Dunedin, of Dunedin Returned Soldiers' Choir—Second Concert in 1930 season (Founded 1919).
 Conductor Mr. John T. Leech
 Pianist Mr. Chas. A. Martin, L.A.B.
 Soloists:
 Solo Pianist Mr. Chas. Martin
 Contralto Miss Margaret Howden
 Tenor Mr. Walter Strang
 Soldiers' Choir Quartet.
 Messrs. George Crawford, J. Keenan, H. White and J. Dair.
 Soloist in "Twilight Tombs"—Mr. S. P. Anderson.
 Choral Works:
- 8.1 : "Strike the Lyre" (Cooke).
 "Twilight Tombs of Ancient Kings" (Bantock).
 "The Enemy Pastoral" (Shaw).
 "The Forge Song" (Kemfster).
 "Annie Laurie" (Cantor).
 "A Prayer to Isis" (de Rille).
 "Good-night" (Buck).
 "Swansea" (Folk Song) (Holst).
 "Shenandoah" (Traditional).
- 10.0 : Dance session, "Columbia."
 Foxtrot—Guy Lombardo and His Royal Canadians with vocal trio, "Then We Canoe-die-oodle Along" (Woods, Tobin and Bohr).
 Foxtrot—Ben Selvin and His Orchestra, "Junior" (Donaldson).
 Foxtrot—The Midnight Revellers with vocal refrain, "True Blue Lou."
 Foxtrot—Ipana Troubadours with vocal refrain, "There was Nothing Else to Do" (Kalmar, Ruby) (01703).
 Foxtrot—Ipana Troubadours, "Just a Glimpse of Paradise" (Kalmar).
- 10.15: Duet—Pearce Brothers (Al and Cal), "If I Give up the Saxophone."
 Foxtrot—Ben Selvin and His Orchestra, "Am I Blue?"
 Foxtrot—The Midnight Revellers, "If I Had My Way" (Green).
- 10.27: Foxtrot—Ted Fiorito and His Edgewater Beach Hotel Orchestra, "Candle Light Lane" (Lewis and Fiorito) (01755).
 Waltz—Frank Ferara's Hawaiian Trio with vocal chorus, "Pagan Love Song" (Brown and Freed) (G20560).
 Foxtrot—Guy Lombardo and His Royal Canadians, "You Want Lovin'" (Spier, Coslow and Osterman) (01672).
- 10.30: Vocal Marie Burke, "The Song I Love" (de Sylva, Brown, Henderson).
 Foxtrot—Guy Lombardo and His Canadians, "Here We Are."
 Foxtrot—Ted Fiorito and His Edgewater Beach Hotel Orchestra, "You've Never Been Blue" (Lewis, Young) (01755).
 Foxtrot—Ted Lewis and His Band with vocal refrain, "My Love Song" (Yoell and Lewis) (01699).
- 10.45: Duet—The Two Comedians with Orchestra, "Smith's Crisp Crisps."
 Foxtrot—Ray Starita and His Ambassadors Band, "Iz Izzy Azzy Wozz" (A le Clerq) (01703).
 Foxtrot—Harry Rester's Syncopators with vocal refrain, "Piccolo Pete" (Baxter) (01756).
 Waltz—Frank Ferara's Hawaiian Trio, with vocal chorus, "Ua Like a No a Like" (Everett) (G20560).
- 11.0 : Close down.

Thursday, September 4

1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, SEPTEMBER 4.

- 3.0 : Afternoon session—Selected studio items.
- 3.15: Talk—Cheese—"The Making of Cottage Cheese and Tasty Cheese Dishes." Talk prepared by Home Science Extension Service, Otago University.
- 3.30: Further selected studio items.
- 4.30: Close down.
- 5.0 : Children's session, conducted by "Peter Pan."
- 6.0 : Dinner session—"Columbia" Hour.
 Orchestral—Finck's Orchestra, "Gaiety Echoes" (Caryll-Monekton).
 Orchestral—Sandler's Orchestra, "Las Lagarteranas."
 Violin—Lipschutz, "La Golondrina" (Sorraddell) (Regal G20489).
- 6.13: Tacet.
- 6.15: Instrumental—Squire's Celeste Octet, "Everybody's Melodies."
 Organ—John Hassel, "By the Waters of Minnetonka" (Lieurance).
 Orchestral—Sandler's Orchestra, "Raphaelito."
- 6.28: Tacet.
- 6.30: Orchestral—Regal Cinema Orchestra, "Broadway" Selection.
 Violin—Lipschultz, "Estrellita" (Ludlow) (Regal G20489).
 Orchestral—Romani and Italian Orchestra, "Old Comrades March."
- 6.43: Tacet.
- 6.45: Orchestral—Berlin State Orchestra, "Die Fledermaus" (Strauss).
 Orchestral—Nullo Romani's Orchestra, "Canto Al Inverno."
 Orchestral—Russian Novelty Orchestra, "Tesoro Mio" (Becucci).
- 6.58: Tacet.
- 7.0 : Book review.
- 7.15: News and market reports.
- 7.40: Talk—Mr. S. R. Perkin, "Some Aspects of Amateur Radio Transmitting."
- 8.0 : Chimes. Special presentation of novelty programme by The Minus Fives, entitled "A Life on the Ocean Wave," concluding with a dramatic sketch by Edwin J. Landon, "The Signal," a locally-

- written sketch by Edwin J. Landon (MS.), assisted by the 1YA String Orchestra, under Mr. J. Whitford Waugh.
- 9.30: Programme of dance music—"Brunswick."
 Foxtrot—Lloyd Huntley and His Isle o' Blues Orchestra, "Moaning for You" (Goulding Dougherty) (4703).
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Without a Song."
 Foxtrot—Colonial Club Orchestra, "It's You I Love."
 Foxtrot—Lloyd Huntley and His Isle o' Blues Orchestra, "Alone in the Rain" (Goulding Dougherty) (4703).
 Foxtrot—Colonial Club Orchestra, "Why?" (Davis-Coots-Swanstrom).
- 9.45: Duet—Billy Murray and Walter Scanlan, "Shut the Door."
 Foxtrot—The A. and P. Gypsies, "South Sea Rose" (Gilbert-Baer).
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Great Day."
 Foxtrot—The A. and P. Gypsies, "Only the Girl" (Ruby-Jerome).
- 9.57: Waltz—Hal Kemp and His Orchestra, "Romance" (Leslie-Donaldson).
 Foxtrot—Herman Waldman and His Orchestra, "Marbles" (Canicas).
 Foxtrot—Hal Kemp and His Orchestra, "Navy Blues" (Turk-Ahlert).
 Foxtrot—Benny Meroff and His Orchestra, "The Talk of the Town."
 Foxtrot—Colonial Club Orchestra, "March of the Old Guard."
- 10.12: Vocal—Frances Williams, "Bigger and Better than Ever."
 Foxtrot—Colonial Club Orchestra, "Sweetheart, We Need Each Other."
 Foxtrot—Herman Waldman and His Orchestra, "Waiting" (Gardner).
 Foxtrot—Ben Bernie and His Orchestra, "What Is This Thing Called Love?" (Cole Porter) (4707).
- 10.24: Waltz—Regent Club Orchestra, "You're Always in My Arms."
 Foxtrot—Ray Miller and His Orchestra, "Funny Dear, What Love Can Do" (Bennett-Little-Straight) (4675).
 Foxtrot—Benny Meroff and His Orchestra, "Happy Days are Here Again" (Ager-Yellen) (4709).
 Foxtrot—Ray Miller and His Orchestra, "Finesse" (Maltin Doll).
- 10.36: Duet—Billy Murray and Walter Scanlan, "Sergeant Flagg and Sergeant Quirt" (Klein-Moll) (4611).
 Foxtrot—Colonial Club Orchestra, "Charming" (Grey-Stothary).
 Foxtrot—Ben Bernie and His Orchestra, "She's Such a Comfort to Me."
- 10.48: Waltz—Lloyd Huntley and His Isle o' Blues Orchestra, "Molly."
 Foxtrot—Ray Miller and His Orchestra, "My Victory."
 Foxtrot—Al Goodman and His Orchestra, "M-a-r-y" (Gordon-Rich).
 Foxtrot—Ray Miller and His Orchestra, "Blue Butterfly."
 Foxtrot—Al Goodman and His Orchestra, "Lonesome Little Doll."
- 11.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, SEPTEMBER 4.

- 3.0 : Chimes. Afternoon session—Selected studio items.
- 3.15: Talk—Cheese—"The Making of Cottage Cheese and Tasty Cheese Dishes." Miss I. F. Meadows—Home Science Talk arranged by the Home Science Extension Department of Otago University.
- 3.25: Selected studio items.
- 3.30 and 4.30: Sporting results to hand.
- 4.55: Close down.
- 5.0 : Children's session, conducted by Uncle George.
- 6.0 : Dinner music session—"Parlophone" Hour.
 Overture—Grand Symphony Orchestra, "Zampa" (Herold) (A4020).
 Waltz—Dajos Bela Orchestra, "Morgenblatter" (Strauss) (A4038).
- 6.12: Tacet.
- 6.15: Instrumental—Orchestra of the Opera Comique, Paris, "Scenes Pittoresques" (Massenet) (A4057).
 Waltz—Edith Lorand Orchestra, "Vienna Waltz" (Drda) (E10531).
- 6.27: Tacet.
- 6.30: Waltz—Dajos Bela Orchestra, "Marien Klange" (Strauss) (A4038).
 Instrumental—Dajos Bela Orchestra, "Ideale" (Tosti) (A4015).
 Waltz—Edith Lorand Orchestra, "Merry Vienna" (Zishrer) (E10531).
- 6.42: Tacet.
- 6.45: Waltz—Edith Lorand Orchestra, "Song of Autumn" (Waldteufel).
 Waltz—Queenie and David Kaili, "Hawaiian March" (Ellis) (A2372).
 Valse intermezzo—Edith Lorand Orchestra, "The Flowers' Dream."
 Selection—H.M. Irish Guards, "The Desert Song" (Romberg) (A2433).
- 6.57: Tacet.
- 7.0 : News session, market reports and sports results.
- 8.0 : Chimes. A studio concert by the Wellington Commercial Travellers' and Warehousemen's Association Orchestra and Concert Party, and assisted by other well-known artists.
 Overture—The Orchestra (Conductor, Mr. J. F. Woodward), "Karnival"
- 8.11: Soprano with orchestral accompaniment—Mrs. J. F. Woodward, (a) "Invitation" (Owen); (b) "Vainka Song" (Love's Bargain).
- 8.17: Quartet—Melodie Four, (a) "In the Shadows" (Finck); (b) "Honolulu Moon" (Lawrence).
- 8.24: Trio—Symons-Ellwood Short Trio, "Trio in C Major" (Brahms).
- 8.34: Elocution—Mr. Clement May will entertain with stories from A. A. Milne and Charles Dickens.
- 8.41: Selection—The Orchestra, "Minuet" (Paderewski).
- 8.45: Contralto with orchestra—Mrs. Wilfred Andrews, (a) "Coronach" (Barratt); (b) "Lorelei" (Liszt).
- 8.52: Selection—The Orchestra, "The Desert Song" (Romberg).
- 9.0 : Weather report and announcements.
- 9.2 : Soprano, with flute obligato by Mr. Cyril Ainsworth—Miss Kathleen Ferris, "The Mad Scene" from "Lucia di Lammermoor."
- 9.7 : Waltz—The Orchestra, "Amoretentanz" (Gungl).
- 9.13: Bass—Mr. W. W. Marshall, "Roll On Thou Dark and Deep Blue Ocean."
- 9.17: Descriptive selection—The Orchestra, "A Motor Ride" (Bidgood).
- 9.22: Contralto—Miss Jessie Shmith, (a) "Softly Awakes My Heart" (Saint-Saens); (b) "Trees" (Rasbach).

- 9.26: Selection—The Orchestra, "Scene de Czardas" (Hejrekati) (Hubay).
 9.32: Humour—Patterson and Hull, "Pennsylvania" (Original).
 9.38: Tenor—Mr. Frank Bryant, "Love Came Calling" (Zamecnik).
 9.42: Selection—The Orchestra, "Rose Marie" (Friml).
 9.52: Baritone—Mr. Eric Harrison, "To the Forest" (Tchaikowsky).
 9.56: March—The Orchestra, "War in the Air" (Olsen).
 10.0: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, SEPT. 4.

- 3.0: Afternoon session, gramophone recital.
 3.15: Home Science—Cheese—The making of Cottage Cheese and Tasty Cheese Dishes. Talk prepared by the Home Science Extension Service Otago University.
 4.25: Sports results.
 4.30: Close down.
 5.0: Children's Hour, conducted by Ladybird and Uncle Frank.
 6.0: Dinner session, "Columbia" Hour.
 Suite—Ketelbey's Concert Orchestra, "In a Fairy Realm" (Ketelbey).
 1. The Moonlit Glade. 2. The Queen Fairy Dances; 3. Gnomes March (02694-5).
 6.12: Tacet.
 6.15: Columbia Symphony Orchestra, "March of the Bojaren."
 'Cello—Gaspar Cassado, "Melodie Arabe" (Glazounov) (03579).
 New Queen's Hall Light Orchestra, "Wood Nymphs" (Coates) (02591).
 6.26: Tacet.
 6.30: New Queen's Hall Light Orchestra, "Summer Days Suite" (Coates).
 1. In a Country Lane; 2. On the Edge of the Lake; 3. At the Dance.
 6.42: Tacet.
 6.45: J. H. Squire's Celeste Octet, "Memories of Mendelssohn."
 Columbia Symphony Orchestra, "Bridal Procession" (Grieg) (02622).
 6.57: Tacet.
 7.0: News session.
 7.30: Talk—Mr. H. de O'Chamberlain (Department of Agriculture) "Boys and Girls' Agricultural Clubs."
 8.0: Chimes.
 Overture—Victor Symphony Orchestra, "Dance of the Hours."
 8.9: Mixed Vocal Quartet—Grand Opera Quartet, "The Unseen Comrade."
 Bass—Mr. J. Filer, "The Lute Player" (Allitsen).
 8.16: String Quartet—Virtuoso String Quartet, "Orientale" (Glazounoff).
 8.19: Contralto—Miss Alice Vinsen, "Salaam" (Agnes Lang).
 8.22: Instrumental—Studio Instrumental Octet (Conductor Mr. Harold Beck), "Overture 'L'Impresario'" (Mozart).
 8.27: Recitation Humorous—Miss Naare Hooper, "Composition on Water" (by our office boy) (M.S.S.).
 8.32: Organ—Reginald Gosse Custard, "The Question" (Wolstenholme).
 8.35: Tenor—Mr. Ernest Rogers, Aria, "Oh! Come Let Links Divine" (from Il Trovatore) (Verdi).
 8.39: Instrumental—Studio Instrumental Octet, Suite "Dramatic Music."
 9.1: Weather report and station notices.
 9.3: Duet, soprano and contralto—Grand Opera Duo, "Hear Me, Norma" (from "Norma") (Bellini).
 9.6: Band—Band of the Garde Republicaine, "Sambre at Meuse."
 9.9: Bass—Mr. J. Filer, "My Lodging is the Cellar Cool."
 Soprano—Madame Gower-Burns, "L'Ete" (Chaminade).
 9.15: 'Cello and Orchestra—Studio Instrumental Octet, (Soloist Mr. Harold Beck) "Adagio From Concerto" (Tartini).
 9.20: String Quartet—Virtuoso String Quartet, "Mignon Gavotte."
 9.23: Humorous Recitation—Miss Naare Hooper, "Von Munts Notees" (As told by a French maid) (Anon).
 9.29: Tenor—Mr. Ernest Rogers, (a) "A Dream" (Bartlett). (b) "Like Stars Above" (Squire).
 9.33: Instrumental—Studio Instrumental Octet, Scenes Pittoresques, (a) "March" (Massenet); (b) "Air De Ballet" (Massenet); (c) "Angelus" (Massenet).
 9.45: Organ—Reginald Gosse Custard, "The Answer" (Wolstenholme).
 9.48: Quartet—Grand Opera Quartet, (a) "Shepherdess and Beau—Brocade" (Monte Phillips); (b) "A Perfect Day" (Jacobs-Bond).
 9.54: Instrumental—Studio Instrumental Octet, Selection "Remembrances of Brahms" (arrgd. Morena).
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, SEPTEMBER 4.

SILENT DAY.

Friday, September 5

1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, SEPTEMBER 5.

- 3.0: Afternoon session—Selected Studio items, including Literary selection by the Announcer.
 4.30: Close down.
 5.0: Children's session, conducted by Nod and Aunt Jean.
 6.0: Dinner session, "H.M.V." Hour.
 Orchestral—New Light Symphony Orchestra, "Scene De Ballet Mari-
 onettes" (Glazounov) (B2754).
 Orchestral—Berlin State Orchestra, "Polonaise No. 2."
 Violin—Mischa Elman, "Vocalise" (Rachmaninoff, arrgd. Press).
 6.13: Tacet.
 6.15: Orchestral—National Symphony Orchestra, "Fra Diavolo" Parts 1 and
 2 (Auber) (Zonophone 5461).

- Piano—Vladimir De Packman, (a) "Mazurka in C Sharp Minor, Op.
 63, No. 3"; (b) "Mazurka in A Minor, Op. 67, No. 4" (Chopin).
 Trio—De Groot (violin), David Bor (piano), H. M. Calve ('cello), "El
 Religario" (Padilla) (B3107).
 6.28: Tacet.
 6.30: Band—Band of H.M. Coldstream Guards, "Martha" selection.
 Violin—Mischa Elman, "Caprice in D Flat Major."
 Orchestral—New Symphony Orchestra, "Air on G String" (Bach).
 6.43: Tacet.
 6.45: Orchestral—New Light Symphony Orchestra, "Persiflage."
 Orchestral—New Symphony Orchestra, "Londonderry Air."
 Trio—De Groot (violin), David Bor (piano), H. M. Calve ('cello),
 "Selection in Hebrew Melodies."
 Piano—Vladimir de Pachman, "Nocturne in E Minor, Op. 72" (Chopin).
 6.58: Tacet.
 7.0: News and Market Reports.
 7.40: Talk—Mr. J. F. Montague, "Maori Pronunciation and Place Names."
 8.0: Chimes.
 Orchestral—New Queen's Hall Orchestra, "Symphony in B Minor"
 (Unfinished) (Schubert) (Columbia 02757-9).
 8.25: Mezzo-soprano—Miss Berta M. Carr, A Half-hour Recital:—(a)
 "Love's Philosophy" (Roger Quilter); (b) "Blow, Blow Thou Win-
 ter Wind" (Roger Quilter); (c) "Blackbird's Song" (Roger Quil-
 ter); (d) "Spring Waters" (Rachmaninoff); (e) "In the Silent
 Night" (Rachmaninoff); (f) "The Soldier's Wife" (in Russian).
 8.55: Instrumental Octet—J. H. Squire Celeste Octet, "Chant Sans Paroles."
 8.59: Evening Weather Forecast and Announcements.
 9.1: Violin—Mr. Haydn Murray, A Half-hour Recital: (a) "Minuet in D"
 (Mozart); (b) "Tambourin Chinois" (Kreisler); (c) "Cavatina"
 (Bohm); (d) "The Bee" (Schubert). (e) "Les Adieux" (Saras-
 ate); (f) "Fugue in A" (Tartini); (g) "Romance" (Vieuxtemps).
 9.31: Dramatic Scene—Mr. J. M. Clark, and Company, "The Trial Scene
 From 'The Merchant of Venice'" (Shakespeare).
 10.1: Orchestral—Chicago Symphony Orchestra, "Fourth Slavonic Dance in
 G Minor" (Dvorak).
 10.5: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, SEPTEMBER 5.

- 3.0: Chimes. Afternoon session—Selected studio items.
 3.30 and 4.30: Sporting results to hand.
 4.55: Close down.
 5.0: Children's session, conducted by Big Brother Jack.
 Dinner music session, "H.M.V." Hour:
 Orchestral—Marek Weber and His Orchestra, "Cavalleria Rusticana"
 selection (Mascagni) (C1736).
 Violin—Fritz Kreisler, "Schon Rosmarin" (Kreisler) (DA1044).
 Orchestral—Vienna Philharmonic Orchestra, "Hungarian Dance No. 3"
 6.13: Tacet.
 6.15: Orchestral—Berlin Philharmonic Orchestra, "Tannhauser March."
 Piano—Mischa Levitzki, "Sonata in A Major" (Scarlatti) (B537).
 Orchestral—De Groot and His Orchestra, "I Love You" (Grieg).
 Orchestral—Berlin Philharmonic Orchestra, "Hungarian March—The
 Damnation of Faust" (Berlioz) (D1498).
 6.28: Tacet.
 6.30: Orchestral—Berlin State Opera Orchestra, "Oberon Overture" (Weber)
 Violin—Fritz Kreisler, "Rondino" (Kreisler) (DA1044).
 Orchestral—Vienna Philharmonic Orchestra, "Hungarian Dance No. 1"
 6.43: Tacet.
 6.45: Orchestral—Royal Opera Orchestra, "Entr'acte Act 4 and Ballet
 Music" ("Carmen") (Bizet).
 Orchestral—Royal Opera Orchestra, "Ballet Music" ("Carmen").
 Piano—Mischa Levitzki, "Ecossaise" (Beethoven).
 Orchestral—De Groot and His Orchestra, "Romance" (Rubinstein).
 6.58: Tacet.
 7.0: News session, market reports and sports results.
 7.45: Talk—Mr. J. M. Colman, Wellington Football Association, "Chatham
 Cup Final."
 8.0: Chimes. Relay from the Wellington Competitions Society's Festival
 at the Town Hall.
 Two recalls, Class 7—Piano solo (18-21), "Fantasietruck" (Schumann).
 Three recalls, Class 167—"National Dance" (under 12 years).
 Two recalls, Class 74—"Duet in Character" (under 12 years) (own
 selection).
 Class 179—"Ballet in Costume."
 Three recalls, Class 121—"Recitation in Character" (girls under 9)
 (own selection).
 Class 83—Children's Action Song (12 years):
 Kilbirnie Convent School, "The Butterfly."
 Kilbirnie Convent School, "The Buttercup" (Cowley).
 Kilbirnie Convent School, "Buy My Pretty Flowers" (Persley).
 Class 54—Vocal solo with accompaniment and obligato:
 Miss Irene Bull, Miramar, "A Summer Night" (Goring Thomas).
 Miss Lillian Stokes, Miramar, "Farewell to Summer" (Johnson).
 Mr. Ernest Glading, Petone, "Elegie" (Massenet).
 Miss Kathleen Ferris, Thorndon, "The Mad Scene" from "Lucia di
 Lammermoor" (Donizetti).
 Two recalls—Class 91:
 Recitation, gentlemen, "Carry On" (Service).
 Two recalls, Class 34—Contralto solo (own selection).
 Class 44—Scottish song (gentlemen) (own selection):
 Mr. Hamilton Dickson, Christchurch, "Jock o' Hazeldean."

Mr. J. N. Goodson, Kelburn, "Turn Ye to Me" (arr. Lees).
 Mr. Albert Flanagan, Wellington, "Nancy's Hair" (traditional).
 Mr. R. J. G. Madigan, Wellington, "Sound the Pibroch" (arr. Lees).
 Three recalls, Class 101—Character recital (lady or gentleman) (own selection).
 Two recalls, Class 48—English song (gentlemen) (own selection).
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, SEPT. 5.

- 3.0 : Afternoon Session, gramophone recital.
 4.25 : Sports results.
 4.30 : Close down.
 5.0 : Children's Hour, conducted by Chuckie.
 6.0 : Dinner Session, "Parlophone" Hour.
 Waltz—Dance Bela Orchestra, (a) "Sulamith" (Hansen-Milde); (b) "Mignonette" (Nicholls) (Parlophone E10571).
 Instrumental—Dajos Bela Orchestra, "Eldgaffeln" (Landen).
 6.12 : Tacet.
 6.15 : Instrumental—Frank Westfields' Orchestra, "Classica."
 Organ—Sigmund Krumgold, "Indian Love Call" (Friml) (A2339).
 Waltz—Dajos Bela Orchestra, "You, Only You" (Arnold) (E10592).
 6.27 : Tacet.
 6.30 : Selection—Raie Da Costa Ensemble, "Funny Face" (Gershwin).
 Waltz—Dajos Bela Orchestra, "The Sphinx" (Poppy) (E10592).
 6.42 : Tacet.
 6.45 : Instrumental—Orchestra Mascotte, (a) "The Flowers' Dream" (Trans-lateur); (b) "Whispering of the Flowers" (Von Blon) (A2559).
 Organ—Sigmund Krumgold, "Gypsy Love Song" (Herbert) (A2339).
 Instrumental—Dajos Bela Orchestra, "Electric Girl."
 6.53 : Tacet.
 7.0 : News session.
 7.30 : Fortnightly Talk by Mr. D. Cossgrove on "Radio Service."
 8.0 : Chimes.
 Overture—New Light Symphony Orchestra, "Persiflage" (Frances).
 8.4 : Mixed Vocal Quartet—Valencia Quartet, "Rose of My Heart" (Loehr).
 Bass—Mr. E. J. Johnson, "Young Tom of Devon" (K. Russell).
 8.11 : Violin—Miss Irene Morris, "Canzonetta" (D'Ambrosio).
 8.15 : Contralto—Miss Mary Taylor, "Aroha" (Te Rangī Pāi).
 8.18 : Popular songs—Mr. Cheslyn O'Connor, (a) "Your Mother and Mine" (Joe Goodwin); (b) "I'm a Dreamer" (Lew Brown).
 8.24 : Instrumental—Christchurch Broadcasting Trio, (a) "Rondo Alla Turka" (Hummel); (b) "Chant Du Berger" (Schulhoff); (c) "Polish Dance" (Scharwenka).
 8.34 : Tenor—Mr. T. G. Rogers, "Mary" (Richardson).
 8.40 : Humorous Sketch—Mr. Reg. Lamb, "The Christening" (Gray).
 8.45 : Xylophone—Sam Herman, "Al Fresco" (Herbert) (Zono. EE53).
 8.48 : Mezzo-soprano—Miss Lucy Fullwood, "Sing in the Dawn."
 Bass—Mr. E. J. Johnson, "Hats Off to the Stoker" (Arundale).
 8.53 : Violin—Miss Irene Morris, "Chanson Gracieuse" (Ethel Barns).
 8.56 : Contralto—Miss Mary Taylor, (a) "The Garden of Your Heart" (Dorel); (b) "Keep on Hopin'" (Heron Maxwell).
 9.1 : Weather Report and Station Notices.
 9.3 : Popular Song—Mr. Cheslyn O'Connor, "If I Had a Talking Picture Of You" (Lew Brown).
 9.6 : Instrumental—Christchurch Broadcasting Trio, (a) "Scherzo Op. 50" (Reissiger); (b) "A La Passepied" (Williams); (c) "Valse" (Faust) (Gounod).
 9.16 : Tenor—Mr. T. G. Rogers, "Minono" (McMurrough).
 9.19 : Humour—Mr. Reg. Lamb, "The Two To Two To Tooting" (Greene).
 9.23 : Mixed Vocal Quartet—Valencia Quartet, "The Cruiskeen Lawn."
 Dance music until 11 p.m. "Brunswick."
 9.30 : Foxtrot—Anglo-Persians, "Dancing Butterfly" (Pascal-Golden).
 Foxtrot—Abe Lyman and His California Orchestra, "Worryin' Over You" (Tobias-De Rose) (4774).
 Foxtrot—Al Goodman and His "Flying High" Orchestra, "Thank Your Father" (de Sylva) (4726).
 Waltz—Regent Club Orchestra, "I Love You So" (Kahn) (4744).
 9.42 : Foxtrot—Tom Clines and His Music, "Until Love Comes Along."
 Foxtrot—Lloyd Hountley and His Isle O'Blues Orchestra, "Promises."
 Foxtrot—Ben Bernie and His Orchestra, "Telling It To the Daisies."
 Foxtrot—Lloyd Hountley and His Isle O'Blues Orchestra, "On a Blue and Moonless Night" (O'Flynn, Hoffman, Osborne) (4784).
 9.54 : Vocal Trio—Earl Burnett's Biltmore Trio, "If I'm Dreaming."
 Foxtrot—Ben Bernie and His Orchestra, "Keepin' Myself For You."
 Foxtrot—Colonial Club Orchestra, "Caribbean Love Song."
 Foxtrot—Ben Bernie and His Orchestra, "You Brought a New Kind of Love To Me" (Fain, Kahal, Norman) (4767).
 Foxtrot—Tom Clines and His Music, "Any Time's the Time to Fall in Love" (Janis, King) (4772).
 10.9 : Waltz—Ben Bernie and His Hotel Roosevelt Orchestra, "Coquette."
 Foxtrot—Dan Russo and His Oriole Orchestra, "Sweetheart."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Exactly Like You."
 Foxtrot—Ben Bernie and His Orchestra, "Reminiscing."
 10.21 : Vocal—Vaughn De Leath, "Sometimes I'm Happy."
 Foxtrot—Abe Lyman and His California Orchestra, "You Will Come Back To Me" (Fields, Rose) (4774).
 Foxtrot—Ben Bernie and His Orchestra, "Livin' in the Sunlight, Lovin' in the Moonlight" (Shearman, Lewis) (4767).
 Foxtrot—Colonial Club Orchestra, "Watching My Dreams Go By."
 10.33 : Waltz—Regent Club Orchestra, "Lazy Louisiana Moon" (Donaldson).
 Foxtrot—Colonial Club Orchestra, "Wherever You Are."
 Foxtrot—Colonial Club Orchestra, "Sweepin' The Clouds Away."

- 10.42 : Vocal trio—Earl Burnett's Biltmore Trio, "A Year From To-day."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "On the Sunny Side of the Street" (Fields) (4742).
 Foxtrot—The Jungle Band, "Sweet Mama" (Ellington, Mills) (4760).
 Waltz—Earl Burnett and His Los Angeles Biltmore Hotel Orchestra, "Love Boat" (Brown-Freed) (4232).
 Foxtrot—Anglo-Persians, "The Toy-Town Admiral" (Godfrey-Andrew).
 Foxtrot—Colonial Club Orchestra, "All Alone Monday."
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, SEPTEMBER 5.

- 3.0 : Chimes. Selected gramophone items.
 4.25 : Sporting results.
 4.30 : Close down.
 5.0 : Children's hour, conducted by "Aunt Sheila."
 6.0 : Dinner music, "Columbia" Hour:
 Orchestral—Mengelberg's Concertgebouw Orchestra, "Oberon Overture," Parts 1, 2, and 3" (Weber) (04347).
 Octet—Squire's Chamber Orchestra, "L'Arlesienne Suite" (Bizet).
 6.13 : Tacet.
 6.15 : Orchestral—Menorah Symphony Orchestra, "Shulamith Selection," Band—B.B.C. Wireless Military Band, "Indian Queen" (arr. C. Sharp).
 Octet—Squire's Chamber Orchestra, "L'Arlesienne Suite Minuet."
 6.29 : Tacet.
 6.30 : Orchestral—New Queen's Hall Orchestra, "Slavonic Dance in G Minor" Band—B.B.C. Wireless Band, "Helston Furry Processional" (02981).
 Orchestral—Classic Symphony Orchestra, "Classical Memories."
 6.44 : Tacet.
 6.45 : Octet—Squire's Celeste Octet, "Ave Maria" (Bach) (02569).
 Poltronieri String Quartet, "Quartet in E—Andante and Canzonette."
 Orchestral—Squire's Celeste Octet, "On Wings of Song" (Mendelssohn).
 6.53 : Tacet.
 7.0 : News session.
 8.0 : Chimes. Overture—Basle Symphony Orchestra, "Invitation to the Waltz" (Weber) (Columbia 02853).
 8.9 : Soprano—Miss P. Marshall, (a) "Break o' Day" (Sanderson), (b) "Smilin' Thru" (Penn).
 8.15 : Cello—W. H. Squire, "Ave Verum" (Mozart) (Columbia 04283).
 8.18 : Recital—Mr. D. E. Dall, Selections from "Tennyson" (Tennyson).
 8.24 : Instrumental—4YA Trio, "Trio No. 10" (Haydn).
 8.36 : Baritone—Mr. C. S. Hawes, "Nirvana" (Adams).
 8.39 : Organ—Clarence Laybould, "Medley of Christmas Carols" (Traditional).
 8.43 : Contralto—Miss R. M. Raffills, "O, Wildly Beating Heart" (Rossini).
 8.49 : Violin—Mr. J. A. Wallace, Second and Third Movements from "Sonata in F" (Beethoven).
 8.59 : Tenor—Mr. James Simpson, "For You Alone" (Geehl).
 9.1 : Weather report.
 9.3 : Orchestral—Eastbourne Municipal Orchestra, "Silhouettes," (a) "Introduction," (b) "La Coquette" (Arensky) (Columbia 05032).
 9.7 : Soprano—Miss P. Marshall, (a) "Friend of Mine" (Sanderson), (b) "Rose in the Bud" (Forster).
 9.15 : Recital—Mr. D. E. Dall, "Extract from Lord Tennyson's Poems."
 9.20 : Trio—4YA Trio, (a) "Autumn Song" (Tschaiakowsky), (b) "Waltz" (Tschaiakowsky).
 9.30 : Baritone—Mr. C. S. Hawes, (a) "Less Than the Dust" (Woodforde-Finden).
 9.36 : Cello—W. H. Squire, "Sarabande" (Sulzer) (Columbia 04283).
 9.40 : Contralto—Miss R. M. Raffills, "Slumber, Dear Maid" (Handel).
 9.45 : Instrumental—4YA Trio, (a) "Serenade" (Toselli), (b) "Minuet" (Beethoven).
 9.52 : Tenor—Mr. James Simpson, (a) "Let Me Like a Soldier Fall" (Wallace), (b) "My Prayer" (Squire).
 9.58 : Orchestral—Eastbourne Municipal Orchestra, "Silhouettes"—"The Dreamer" (Arensky) (Columbia 05032).
 10.2 : God save the King.

Saturday, September 6

1YA, AUCKLAND (900 KILOCYCLES)—SATURDAY, SEPTEMBER 6

- 2.45 : Relay Rugby football match from Eden Park.
 4.30 : Close down.
 5.0 : Children's session, conducted by "Cinderella."
 6.0 : Dinner session, "Columbia" Hour:
 Medley—H.M. Grenadier Guards Band, "Sir Harry Lauder Medley."
 Waltz—Symphony Orchestra, "Doctrinen" (Strauss) (02529).
 6.12 : Tacet.
 6.15 : Piano solo—Gil Dech, "Wedding of the Painted Doll" (Freed) (01549).
 Piano solo—Constance Mering, "So Dear" (Casar) (01224).
 Eddie Thomas's Collegians, "Waltz Medley" (02904).
 Saxophone—Rudy Wiedoeft, "Minuet" (Beethoven) (01176).
 6.28 : Tacet.
 6.30 : Mandoline Band, Circolo Mandolinistico, "La Traviata," Prelude Act 1 and 4 (Verdi) (02566).
 Waltz—Symphony Orchestra, "When the Lemons Bloom" (Strauss).
 6.42 : Tacet.

- 6.45: Musical Art Quartet, "Mighty Lak' a Rose" (Nevin) (01506).
Saxophone—Rudy Wiedoeft, "Valse Manzanetta" (Wiedoeft) (01176).
Piano solo—Gil Däch, "I Kiss Your Hand, Madame" (Erwin) (01549).
Eddie Thomas's Collegians, "Beautiful Ohio" (Earl) (02904).
- 6.57: Tacet.
- 7.0: News and market reports.
- 8.0: Chimes. Relay of Municipal Band concert from the Auckland Town Hall, under the direction of Mr. Christopher Smith.
- 10.0 (approx.): Programme of dance music from studio—"H.M.V." Hour:
Foxtrot—Waring's Pennsylvanians, "Won't You Tell Me Hon?"
Foxtrot—Rio Grande Band, "Dites Moi Ma Mere" (Yvain) (B5701).
Foxtrot—Rudy Vallee and His Connecticut Yankees, "The Album of My Dreams" (Davis-Arluck) (EA629).
Foxtrot—Rio Grande Band, "Valentine" (Christine) (B5701).
10.12: Vocal—Maurice Elwin, "I've Never Seen a Smile Like Yours" (Zono.)
Foxtrot—Irving Aaronson and His Commanders, "Outside" (Flynn).
Foxtrot—George Olsen and His Music, "I'm in Seventh Heaven."
Foxtrots—Rudy Vallee and His Connecticut Yankees, "Me Queres?"
Foxtrot—Rudy Vallee and His Connecticut Yankees, "You Want Lovin'" (Osterman) (EA649).
Waltz—Nat Shilkret and His Orchestra, "Let Me Have My Dreams."
10.30: Humorous duet—Dora Maughan and Walter Fehl, "A Woman Who Knows" (Ruskin) (B3011).
Foxtrot—George Olsen and His Music, "Little Pal" (De Sylva).
Foxtrot—Jack Hylton and His Orchestra, "Everybody Loves You."
Foxtrot—Rudy Vallee and His Connecticut Yankees, "Lonely Troubadour" (Klennor) (EA649).
Foxtrot—Nat Shilkret and His Orchestra, "Am I Blue?" (EA627).
10.45: Vocal—Paul Oliver, "Evangeline" (Rose, Jolson) (Zono, EE172).
Foxtrot—Jack Hylton and His Orchestra, "Don't Hold Everything."
Foxtrot—Rudy Vallee and His Connecticut Yankees, "Perhaps."
Foxtrot—Rudy Vallee and His Connecticut Yankees, "On the Alamo."
Waltz—Jack Hylton and His Orchestra, "Let Me Dream in Your Arms Again" (Nicholls) (B569).
11.0: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, SEPTEMBER 6.

- 3.0: Chimes. Afternoon Session. Relay description of football match played at Athletic Park.
- 5.0: Children's Session, conducted by Uncle Toby.
- 6.0: Dinner Music Session, "Columbia" Hour:
March—H.M. Grenadier Guards, "Martial Moments" (arrgd. Winter).
Waltz—Eddie Thomas' Collegians, "Missouri Waltz" (Logan).
- 6.12: Tacet.
- 6.15: Violin and Wurlitzer Organ—Marrnello, "Evening in the Desert."
Hawaiian—South Sea Islanders, "Dreamy Hilo Bay" (Heagney).
March—Columbia Symphony Orchestra, "March of the Toys."
Piano solo—Percy Grainger, "Molly on the Shore" (Grainger).
- 6.26: Tacet.
- 6.30: Waltz—Eddie Thomas' Collegians, "Till We Meet Again" (Whiting).
Waltz—Eddie Thomas' Collegians, "Beautiful Ohio" (Earl) (02651).
Piccolo duet—Jean and Pierre Gennin, "Rippling Streams" (Gennin).
- 6.41: Tacet.
- 6.45: Violin and Organ—Marrnello, "Once" (Saunders) (Regal G20420).
Xylophone—W. W. Bennett, "Gee Whiz" (Byron) (02575).
Hawaiian—South Sea Islanders, "Lei Lani" (Heagney) (01162).
Instrumental—Denza Dance Band, "In the Shadows" (Finck).
- 6.58: Tacet.
- 7.0: News Session, Market Reports and Sports Results.
- 7.40: Lecturette—Mr. P. M. Jackson, B.A., "W.E.A. Lecturette—"Judging Human Character."
- 8.0: Chimes, followed by "The Eight O'Clock Revue."
The fourth instalment of a series of Grown-up Children's Hours, specially composed, written and arranged by Mr. Will Bishop.
- 10.0: Dance Programme—"Brunswick" Hour.
Foxtrot—Abe Lyman and His California Orchestra, "Another Night."
Foxtrot—Meyer Davis' Hotel Astor Orchestra, "If I Had My Way."
Foxtrot—Abe Lyman and His California Orchestra, "I'm Only Making Believe" (Davis-Coots) (4555).
Foxtrot—Chic Scoggin and His Pla-mor Orchestra, "If I Could Write a Song" (Fulcher) (4854).
Waltz—Meyer Davis' Hotel Astor Orchestra, "There Must Be Somebody Waiting For Me" (Donaldson) (4603).
10.15: Foxtrot—Jesse Crawford and His Orchestra, "The Prep Step."
Foxtrot—Irving Mills and His Hotzy Totsy Gang, "Manhattan Rag."
Foxtrot—Jesse Stafford and His Orchestra, "My Sweeter Than Sweet."
Vocal—Chester Gaylord, "Dance Away the Night."
Foxtrot—Irving Mills and His Hotzy Totsy Gang, "What Kind of a Man is You" (Carmichael) (4641).
Foxtrot—Tom Gerun and His Orchestra, "One Sweet Kiss."
Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "The End of the Lonesome Road" (Ruby-Perkins) (4552).
Waltz—Abe Lyman and His California Orchestra, "If I'm Dreaming."
Waltz—Abe Lyman and His California Orchestra, "The Shepherd's Serenade" (Grey-Stothart) (4633).
10.42: Vocal—Chester Gaylord, "Just You, Just Me" (Klages-Greer).
Foxtrot—Tom Gerun and His Orchestra, "Some Day Soon."
Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "Scotchle" (White) (4552).
Foxtrot—Abe Lyman and His California Orchestra, "Sally."
Foxtrot—Abe Lyman and His California Orchestra, "If He Cared."

- Foxtrot—Chic Scoggin and His Pla-Mor Orchestra, "She Chills Me."
11.0: Sporting Summary.
11.10: God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, SEPTEMBER 6.

- 3.0: Afternoon session—Gramophone recital.
- 4.25: Sports results.
- 4.30: Close down.
- 5.0: Children's hour, "Aunt Pat" and "Birdman."
- 6.0: Dinner session, "H.M.V." Hour:
Orchestral—Boston Symphony Orchestra, "Frühlingsstimmen" (ED11).
Organ—Jesse Crawford, "Serenade" (Romberg) (EA638).
Band—National Military Band, "Ben Hur" (Byng) (A365).
- 6.13: Tacet.
- 6.15: Orchestral—Vienna Philharmonic, "Dorfschwalben" (Strauss) (C1685).
Violin—David Wise, "Canzonetta" (D'Ambrosio) (Zonophone 5420).
Orchestral—Jack Hylton and His Orchestra, "Steppin' Out" (B5727).
- 6.29: Tacet.
- 6.30: Orchestral—New Mayfair Orchestra, "Wake Up and Dream" (Porter).
Organ—Jesse Crawford, "Indian Love Call" (Friml) (EA638).
Orchestral—International Novelty Orchestra:
"To Die Dreaming" (Zonophone EE182).
"Four Little Farms" (Zonophone EE182).
- 6.43: Tacet.
- 6.45: Orchestral—Jack Hylton and His Orchestra, "Old-time Songs" (C1681).
Violin—David Wise, "Cavalleria Rusticana" (Mascagni) (Zono. 5420).
Orchestral—Jack Hylton and His Orchestra, "Lonesome Little Doll."
- 6.59: Tacet.
- 7.0: News session.
- 7.30: Sports results.
- 8.0: Chimes. Overture—Debroy Somers Band, "Valse Memories" (Col.).
8.9: Bass—Mr. Leslie Fleming, "Rolling Down to Rio" (German).
8.12: Mandolin guitar—Miss Gwen Webster, "Three O'Clock in the Morning."
8.17: Soprano—Mrs. Jack Mason, (a) "Bells of Gold" (Rae), (b) "I Couldn't, Could I?" (Roedel).
- 8.23: Cornet—Mr. N. G. Goffin, "At Break of Day" (Ord Hume).
- 8.28: Humour in song and story—Mr. Jock Lockhart, introducing "Bella McGraw" (Lauder), "Osh Kosh" (Weston Lee).
- 8.35: Accordion—Chas. Magnate, "My Florence" (Regal G20405).
- 8.38: Tenor—Mr. Albert Carlisle, (a) "Dolorosa" (Phillips), (b) "Passing By" (Purcell).
- 8.43: Harp—Mr. H. Glaysher, "Ah Che La Morte," from opera "Il Trovatore"
- 8.50: Humorous sketch—The Mascots, "Charity Begins at Home" (Constance Beerbohm).
- 9.1: Wurlitzer organ—Milton Charles, "At Sundown" (Donaldson) (Col.).
9.4: Weather report and station notices.
- 9.6: Orchestral—Debroy Somers Band, "American Medley One-step."
- 9.9: Bass—Mr. Leslie N. Fleming, (a) "Route Marchin'" (Stock), (b) "Mother England's Brewin'" (Coates).
- 9.15: Mandolin guitar—Miss Gwen Webster, "A Musical Switch" (own arr.).
9.20: Soprano—Mrs. Jack Mason, "Deep in My Heart" ("Student Prince").
9.23: Choral—Columbia Light Opera Company, "Ivan Caryll Memories."
9.26: Cornet—Mr. N. G. Goffin, "The Skylark" (Ord Hume).
- 9.31: Song and story—Mr. Jock Lockhart, introducing "Ma Bonnie Maggie."
- 9.35: Accordion—Chas. Magnate, "Beautiful Days" (Regal G20405).
- 9.38: Tenor—Mr. Albert Carlisle, (a) "Rosebud" (Drummond), (b) "I Did Not Know" (Trotter).
- 9.44: Harp—Mr. H. Glaysher, "The Last Rose of Summer" (English tradit.).
9.48: Humorous sketch—The Mascots, "Reggie Stumbles Badly" (M.S.S.).
9.57: Organ—Milton Charles, "Cheerle Beerie Bee" (Young) (Col. 0914).
Dance music until 11 p.m. ("H.M.V."):
Foxtrot—Victor Arden-Phil Ohman and Their Orchestra, "How Am I to Know?" (Parker King) (EA700).
Foxtrot—New Mayfair Dance Orchestra, "Mickey House" (Carlton).
Foxtrot—Waring's Pennsylvanians, "Alma Mammy" (Marion Whiting).
Foxtrot—Jack Hylton's Orchestra, "House on the Hilltop" (Meyer).
Foxtrot—Leo Reisman's Orchestra, "At Close of Day" (EA637).
- 10.15: Vocal—Mildred Hunt, "Sleepy Valley" (Sterling-Hanley) (EE184).
Foxtrot—Bernie Cummins and His Hotel Orchestra, "When a Woman Loves a Man" (Rose Rainger) (EA712).
Foxtrot—Nat Shilkret's Orchestra, "Georgia Pines" (EA637).
Waltz—Irving Aaronson and His Commanders, "The Land of Going to-be" (Goetz-Kollo) (EA678).
- 10.27: Foxtrot—Arcadians Dance Orchestra, "If I Had My Way" (EE190).
Foxtrot—Ted Weems's Orchestra, "Miss Wonderful" (EA678).
Foxtrot—The Rhythmic Eight, "Welcome Home" (Clarke-Akst).
Vocal—Mildred Hunt, "S'posin'" (Razaf-Denniker) (EE184).
- 10.39: Foxtrot—Leo Reisman's Orchestra, "Charming" (Grey-Stothart).
Foxtrot—Henry Vusse's Orchestra, "I Came to you" (EA700).
Waltz—Leo Reisman's Orchestra, "Shepherd's Serenade" (EA688).
- 10.48: Foxtrot—New Mayfair Dance Orchestra, "The Doll's House" (B5754).
Foxtrot—Leo Reisman's Orchestra, "A Year from To-day" (EA685).
Foxtrot—Jack Hylton's Orchestra, "Dreamy Honolulu" (Gumble-West).
Foxtrot—Bernie Cummins and His Hotel Orchestra, "Cooking Break-fast for the One I Love" (Rose-Tobias) (EA712).
- 11.0: God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, SEPTEMBER 6.

- 3.0: Chimes. Selected gramophone items.
4.30: Close down.

- 5.0 : Children's hour, conducted by Aunt Anita.
 6.0 : Dinner session, "Columbia" hour.
 March—National Military Band, "National Emblem" (Bagley).
 'Cello—W. H. Squire, "The Broken Melody" (Van Biene) (04180).
 Albert Sanders' Orchestra, "I Kiss Your Hand, Madame" (Erwin).
 Cinema organ—G. T. Pattman, "Cherie Waltz" (Valentine) (01344).
 6.12 : Tacet.
 6.15 : Court Symphony Orchestra, "The Gondoliers" (Sullivan) (979).
 Paul Whiteman's Orchestra, "Gypsy" (Gilbert) (07505).
 6.27 : Tacet.
 6.30 : Albert Sanders' Orchestra, "Chalita" (Schertzinger) (01467).
 Padilla's Marimba Serenaders, "Paree" (Padilla) (Regal G20344).
 Piano—Gill Dech, "Sometimes I'm Happy" (Yousmans) (01205).
 Royal Serbian Tambouritzza Orchestra, "Serbian Melody" (01490).
 6.42 : Tacet.
 6.45 : Intermezzo—Ketelbey's Orchestra, "Bells Across the Meadow."
 Rio Marimba Serenaders, "Dolores Waltz" (Waldteufel).
 Organ—G. P. Pattman, "Worryin' Waltz" (Fairman) (01344).
 March—National Military Band, "Stars and Stripes" (Sousa) (01153).
 6.57 : Tacet.
 7.0 : News session.
 8.0 : Relay of Vaudeville Programme from 3YA, Christchurch.
 10.0 : Dance session, "Brunswick" hour.
 Foxtrot—Tom Gerunovich and His Roof Garden Orchestra, "Am I Blue?" (Clarke, Akst) (4429).
 Foxtrot—Carl Fenton and His Orchestra, "Laughing Marionette."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Twas Not So Long Ago" (Hammerstein 2nd Kern) (4614).
 Foxtrot—Ray Miller and His Orchestra, "That's Where You Come In" (Kahal-Robinson) (4682).
 10.12 : Foxtrot—Roy Ingraham and His Orchestra, "Like a Breath of Spring-time" (Dubin-Burke) (4544).
 Foxtrot—Carl Fenton and His Orchestra, "Sweetness."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Don't Ever Leave Me" (Hammerstein-Kern) (4614).
 Foxtrot—Roy Ingraham and His Orchestra, "Deep in the Arms of Love" (Davis-Ingraham) (4544).
 Vocal—Charles King, "Happy Days are Here Again" (Ager-Yellen).
 10.27 : Foxtrot—Roger Wolfe and His Orchestra, "Why Was I Born?"
 Foxtrot—Ray Miller and His Orchestra, "In a Kitchenette."
 Foxtrot—Roger Wolfe Kahn and His Orchestra, "Here Am I!"
 Foxtrot—Ray Miller and His Orchestra, "Ain't You Baby?"
 Foxtrot—Tom Gerunovich and His Orchestra, "Let Me Have My Dreams" (Clarke-Akst) (4429).
 Waltz—Jesse Stafford and His Orchestra, "A Bundle of Old Love Letters" (Freed-Brown) (4659).
 10.45 : Vocal—June Pursell, "Never Say Die" (Robin-Chase) (4635).
 Foxtrot—Jesse Stafford and His Orchestra, "Only Love is Real."
 Vocal—June Pursell, "The Album of My Dreams" (Davis-Arlen).
 Foxtrot—Jesse Stafford and His Orchestra, "Should I?"
 Foxtrot—Henry Lange and His Baker Hotel Orchestra, "Somebody Loves Me" (MacDonald-de Sylva) (4478).
 11.0 : God save the King.

Sunday, September 7

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, SEPTEMBER 7.

- 3.0 : Afternoon session—Selected studio items, including Literary Selection by the Announcer.
 4.30 : Close down.
 6.0 : Children's Song Service, conducted by "Uncle Bert."
 6.55 : Relay—Divine Service, St. Matthew's Church. Preacher: Canon G. H. Grant Cowan. Organist: Mr. J. H. Philpott.
 8.30 : Orchestral—Halle Orchestra, "An Irish Symphony Scherzo" (Harty).
 Mezzo-soprano—Miss Vera McKay, (a) "Ye Banks and Braes" (Traditional); (b) "Lavender Days" (Drummond).
 Instrumental trio—Studio Trio, (a) "Andante" (Beethoven); (b) "Andante Religioso" (Thome).
 Tenor—Mr. A. G. Fogarty, (a) "The Star" (Rogers); (b) "Jean."
 'Cello solo—Miss Lalla Hemus, "Romance" (Baker).
 Male choir—Don Cossacks, "Serenade" (Abt) (Col. 02792).
 Instrumental trio—Studio Trio, "Scherzo from Trio G Major."
 Mezzo-soprano—Miss Vera McKay, "The Little Old Garden."
 'Cello—Miss Lalla Hemus, "Harlequinade" (Squire).
 Tenor—Mr. A. G. Fogarty, "I Hear You Calling Me" (Marshall).
 Instrumental trio—Studio Trio, (a) "Autumn and Winter" (Glazounov); (b) "Slumber Song" (Hjinsky).
 March—Columbia Symphony Orchestra, "March of the Bojaren."
 9.30 : (Approx.)—God save the King.

Australian Programmes

(Times corrected for New Zealand.)

STATION 2FC.—9.30 p.m.: Relay from the Newcastle Town Hall of a concert arranged by the Newcastle Symphony Orchestral Society. The programme will include the following items: Overture, "Barber of Seville" (Rossini); Overture, "Leonora" (Beethoven); Overture, "Finlandia" (Sibelius); "Symphony No. 5" (Beethoven); "Danse Macabre" (Saint-Saens); "Japanese Sunset" (Deppen); Romance in "C" for strings (Sibelius); Suite, "Chelsea China" (Basly); "La Poupée Valsante" (Poldini, arr. Burn); John Dunn, "Concerto in G Minor" (Bruch); Soprano solo, Mrs. A. W. Bates, "Depuis le Jour" (Louise).
2BL.—9.30 p.m.: The A.B.C. Players present "The Broken Wing," a comedy-drama in four acts. Overture and entr'acte music by Sid Owen's Mexican Orchestra.

3LO.—9.30 p.m.: Fred Deal and Jean Maynard, entertainers. 10 p.m.: Dance numbers by Clarrie Collins and his orchestra. Variety items will be also presented.

3AR.—9.45 p.m.: Special studio reproductions. 10.30 p.m.: From the Cairn's Memorial Church, "The Song of Miriam" (Schubert). 10.45 p.m.: Continuation of studio reproductions.

Friday, August 29.

STATION 2FC.—9.30 p.m., 9.45 p.m., and 10.7 p.m.: The Professional Musicians' Orchestra. 9.40 p.m. and 10.34 p.m.: Barend Harris, basso. 9.47 and 10.39 p.m.: Mr. and Mrs. Citizen will entertain. 10 p.m.: Helen Trent, contralto. 10.45 p.m., 11.15 p.m. and 11.35 p.m.: Relay from 3LO, Melbourne, of items by the St. Augustine's Boys' Band.

2BL.—9.30 p.m.: A concert programme arranged by the Dee Why and District Choral Society. 11.20 p.m.: A celebrity recital. F. Roland-Tims, organist. "Melody Doors," "For You Alone" (Geehl); Erica Morini, violinist: "The Zephyr" (Hubay), "Humoresque" (Tchaikowsky—arr. Kreisler). Symphony orchestra (conductor, Dr. Malcolm Sargent): "Finlandia" (Sibelius). Florence Austral, soprano: "Dream in the Twilight" (Strauss), "Cecile" (Strauss). Mischka Levitzki, pianist: "Prelude in G Minor" (Rachmaninoff); "Marche Militaire" (Schubert—arr. Tauszig).

3LO.—9.30 p.m.: An hour with Schubert. 10.30 p.m.: Organ selections from Scots Church; organist, Mr. F. J. Nott. "Great Prelude and Fugue in A Minor" (Bach), (a) "The Question," (b) "The Answer" (Wolstenholme). "Andante and Allegro" (Bach). 10.45 p.m., 11.15 p.m., and 11.35 p.m.: Selections by the St. Augustine's Boys' Band.

3AR.—9.45 p.m.: Community singing from the Mechanics' Hall, Geelong.

Saturday, August 30.

STATION 2FC.—9.30 p.m.: From the Conservatorium—presentation of an Orchestral Concert which marks the inauguration of Music Week.

2BL.—9.30 p.m. and 11.5 p.m.: Howell Bryden, baritone. 9.37 p.m. and 11.20 p.m.: "This and That"—and a violin. 9.47 p.m. and 11.34 p.m.: Anne Luciano and Hal Stead, soprano and novelty pianist. 10 p.m.: Description of boxing contest from the Sydney Stadium. 11.12 p.m., 11.27 p.m. and 12 p.m.: The A.B.C. Dance Band.

3LO.—9.30 p.m.: "The Caravan," a gipsy music recital, commencing with selections from "Gipsy Love" (Lehar), by the orchestra. 10.10 p.m.: Edith Harry presents a short pianoforte recital and three songs of her own composition. 10.35 p.m.: "In Carnival Time," a radio scena. 11.5 p.m. and 11.43 p.m.: Xylophone and piano duets. 11.12 p.m. and 11.49 p.m.: A. G. Spry, comedian. 11.28 p.m.: Edith Harry presents two piano solos and three songs of her own composition.

3AR.—9.30 p.m.: Relay from 2FC, Sydney, of an orchestral concert which marks the official opening of Music Week.

Sunday, August 31.

STATION 3LO.—9.30 p.m., and at intervals throughout the evening: Selections by the Malvern Tramways Band. 9.40 p.m. and 10.40 p.m.: Eda Bennie, soprano. 9.57 p.m. and 11.27 p.m.: Norman Bradshaw, tenor.

3AR.—10 p.m.: Transmission from the "Plaza," St. Kilda, of an orchestral concert by Gustave Slapoffski and the Victorian Professional Orchestra. 11.12 p.m.: "The Pilgrim's Progress" (John Bunyan).

Monday, September 1.

STATION 3LO.—9.30 p.m.: The English Comedy Company presents "Sowing the Wind," a play in four acts. 12 p.m.: The Studio Dance Band in latest dance numbers.

3AR.—9.30 p.m.: Relay from 2FC, Sydney, of a concert programme at the State Conservatorium. A feature of this will be a concerto for eight pianos, in which leading Sydney pianists will participate.

Tuesday, September 2.

STATION 3LO.—9.30 p.m.: Gustave Slapoffski and the Victorian Professional Orchestra. During the interval (approx. 10.30 p.m.) a bushranging "silhouette" entitled "Who Killed Jimmy Battle?" will be presented.

3AR.—9.45 p.m.: Transmission from the Australian Church of a choral programme by the Melbourne Philharmonic Society. 10.15 p.m. and 11.44 p.m.: "The Happy Threesome" in musical numbers. 10.37 p.m.: The Master Four, male quartet. 10.47 p.m. and 11.27 p.m.: Aussia Reka, soprano. 11 p.m.: "The Harbour Lights," a radio sketch.

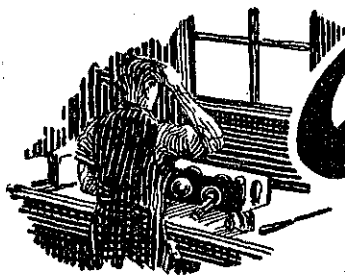
Wednesday, September 3.

STATION 3LO.—9.30 p.m.: A Grand Musical Festival will be presented from the Brunswick Town Hall. "Imperial Mass" No. 3 (Haydn) will be presented with massed choirs and full orchestral accompaniment. During the interval the overture "The Magic Flute" (Mozart) will be played by the National Broadcasting Orchestra. Further vocal and orchestral selections will be presented after interval.

3AR.—9.30 p.m.: From the Tivoli Theatre, an "All-star" Vaudeville Programme. 10.45 p.m.: Miss Edith Harry, in a recital of her own compositions. 11 p.m.: "Tunes and Tales of Dreamy Ceylon." 11.40 p.m.: Edith Harry in modern vocal and piano compositions.

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Questions and Answers



O. M.R. (Lower Hutt): I find the detector stage of my 5-valve set oscillates fiercely. I am using 135 volts B on the plate, and propose to shift the reaction condenser to place it between the reaction winding and A—. Will this cure the trouble.

A.: The potential applied to the plate is excessive. Reduce to 45 or 67½ volts, otherwise place a .1 megohm. resistance in series with the h.f. choke and p. of the transformer. The new position for the reaction condenser will be quite satisfactory.

SPARKS (Auckland): I am constructing a coil for a receiver which uses 40 turns of 24 d.c.c. wire on a 3in. former. If a 2½in. former is used how many turns will be required for secondary tickler and primary?

A.: Generally speaking when the number of turns on a 3in. former is used and you wish to find the number of turns for a 2½in. former multiply the number by 1.3. If you are using the coils to tune over the broadcast bands the following will be required: Secondary, 105; tickler, 35; aerial, 15.

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2. What value fixed condenser will be used in series with a .00025 to reduce the capacity to .0001?

A.: .0015.

3. What value condenser in series with a .0005 will reduce its capacity to .00035?

A.: .001.

4. Where can I obtain the best quality ruby mica and tin foil for making fixed condensers?

A.: Try Johns, Ltd., Auckland, or George Wilton and Son, Willis Street, Wellington. We do not know the price.

5. On a piece of ½in. ebonite tubing with a number of one-eighth discs I wish to construct an r.f. choke for the broadcast band. Please state the number and widths of slots.

A.: You will require about five slots and wind 200 turns in each.

6. With the .0001 tuning condenser and .00035 reaction condenser please state the number of turns a 1½in. diameter former to suit the following wave-bands:

Band.	Metres.	Primary.	Secondary.	Tickler.
10-20	3t. 18 DSC	same.	4t. 30 DSC	
18-30	5t. 20 enam.	same.	4t. 30 DSC	
28-38	8t. 24 DCC	12t. 24 DCC	8t. 30 DSC	
34-60	10t. 26 DSC	22t. 26 DSC	15t. 30 DSC	
56-100	12t. 30 DSC	45t. 30 DSC	24t. 30 DSC	

t. signifies turns.

7. What gauges are the enclosed pieces of wire?

A.: There was no wire in your letter when it reached us.

8. In my set B minus connects with A minus and C plus. In the adaptor B minus connects with A plus and A minus with C plus.

A.: Disregard B minus when using the adaptor, as B minus is already connected to the set, otherwise separate A minus from the combination on the set and substitute it by A plus.

9. Will the 100 turns 30 DSC on a 1in. former be satisfactory for a 10 to 100-metre choke.—Yes.

F.E. (Dunedin).—I propose to add a line voltage regulator to my set. Is this valve used in series with the a.c. leads to the transformer?

A.: Yes, you can use either power clorostats or regulator valve ballast 876. These are designed for the 115 volt lines.

2. Would it be an advantage to install this?—No.

3. What tapping should I use—210, 230, or 250?

A.: If the voltage is steady use 230, otherwise 210.

4. How would I be sure if the circuit was correct when the wall-plug fits the socket in either way?

A.: If a slight hum is heard reverse the plug. There is no polarity on the a.c. line, but one way is better than the other.

TRICKLE CHARGER (Khandallah).

—I have a trickle charger and on connecting a volt meter across the output the needle flashes over to about 11 volts and vibrates vigorously. Is this charger functioning correctly?

A.: Yes; a charger supplies a greater voltage than that required by the accumulator to overcome back emf. The fact that the needle vibrates indicates only that the current is not perfectly smooth and while it is sufficiently smooth for a charger, would not do for an eliminator. The purpose of chokes is

to smooth out this residual ripple. Note: Your request for information concerning the design of inductance coils has been forwarded to "Cathode," who will devote a special article to it.

S.W. Adaptor (Wanganui).—I am contemplating making a push-pull battery-operated amplifier for my set (the R.W.3). Could you tell me:—

1. How to change the diagrams in the "Listeners' Guide" to d.c.?

A.: A d.c. push-pull amplifier was described in the "Radio Record" of November 2, 1928. If you wish to work from the a.c. model described in this year's "Guide" you will disregard the cathode connection and connect A— to B— and C+.

2. Would this work without too much noise after the two audio stages in my set?

A.: You could use the push-pull part of the amplifier with the last valve of your set as the first stage of the pp. amplifier. You could not use the complete amplifier after the last valve.

3. I bought some new wet "B" batteries. After the initial charge one appeared to have sulphated and does not now hold any current. What is the reason of this, and what the remedy?

A.: It appears that there has been an internal short circuit which has ruined your battery. Treatment was outlined in the 1929 "Guide." You will probably have to take the battery to a battery house for expert attention.

UNION (Pukekohe): Concerning a screen-grid all-wave battery set, I should like to know why an h.f. choke is included in the plate lead of the screen grid valve when mine works perfectly without one.

A.: A choke in either or both of the plate and screening grid leads minimises radio frequencies feed back to the battery or eliminator. In some cases due to the characteristics of the circuit, the batteries or the valve, feed back does not take place, and this seems to be happening in your case.

2. Is my set large enough to install a heavy power valve such as DFA 6 or LS 6A?

A.: No. To obtain satisfactory results from these valves you would be required to load them more than your set is capable. The best valve would be a 256 or P265A. Probably P265, with 250 volts would prove a good valve.

3. Would an a.c. power valve taking up to 6 volts work satisfactory from an accumulator?

A.: Yes, providing you keep the accumulator regularly charged.

4. Are two smoothing chokes of 20 henries each sufficient for a B battery eliminator to be used on short-wave?

A.: You may be successful with these two chokes, but the chances are against you. The smoothing inductance has usually to be higher than this, and plenty of capacity is also required to make a successful job of eliminating the batteries on short-wave.

LOFTIN-WHITE (Canterbury).—I have endeavoured to add a stage of r.f. to the L.W. amplifier, but this has not been successful. A strong hum, which practically disappears when the potentiometer is adjusted, appears. On adjusting the grid-leak regular clicks are heard in the loudspeaker.

A.: You are experiencing one of the difficulties with the Loftin White circuit, that is the addition of radio stages. Our

READ THIS!

High pay, adventure and travel are the lot of the skilled Wireless Operator. You can be one if you are trained. Let Druleigh College Wireless School help you. Write to-day for full particulars of this course.

RADIO CALLS FOR MORE TRAINED MEN

DRULEIGH COLLEGE

TASMAN BLDGS., ANZAC AVE., AUCKLAND.

STATION Z.L.I. bx.

own experiments in this direction, coupled with the remarks made in overseas journals, indicate that this is not an easy task. However, we suggest your removing the .02 condenser and the earth connection. By taking the screen voltage from the amplifier you are asking for trouble. This must be taken from a separate resistance connected with the power pack. By taking another drain through the resistances provided you are altering their value for the other current flowing through them. Continue your experiments and let us know your results. It would be worth trying with the grid-leak and the condenser removed.

TERMINAL (Dunedin)—I found that 4ZL tuned in quite distinctly on a frequency near 7ZL. Would this be an harmonic, for I understand harmonics can be only multiples of the fundamental frequency?

A.: It cannot be, as you suggest, an harmonic, so we suspect that it is a reflected frequency, that is, the waves from the station have been striking a nearby object and re-radiating the natural frequency of that object.

S. R.A. (Nelson): Is it possible to buy short-wave coils for my set, or could I make them.

A.: It would be better for you to buy them, because we do not happen to know the numbers of turns for all the coils. One coil the details were published in the "Radio Record" a few months back.

Would the set take another audio stage? It has already a stage such as described in the "Record."

A.: No. Two stages of transformer doubled audio are the maximum, unless push-pull is employed.

3. Would a dynamic speaker run from the mains be satisfactory for this set?

A.: Yes, dynamic speakers are now fairly sensitive and are satisfactory on small sets.

PUZZLED (Petone): I have constructed the "B" eliminator from the 1929 "Guide," but it has burnt out

the filament and the plate on one side of the rectifier. I have tested the transformer and can find no signs of a short circuit.

A.: To test for a short circuit obtain a voltmeter and a "C" battery. Arrange so that the battery and meter are in series and that when the free end of the voltmeter is brought into connection with the free end of the battery a full-scale deflection results. Attach either the free end of the voltmeter or the battery to the centre tap winding and then bring the other side of the meter into contact with the laminations and the frame. If there is any reading, then there is a short circuit. There will be a reading slightly less than directly across the battery when the free terminal is brought into contact with the end of the secondary. By making careful observations, the drops on each side of the secondary can be compared, and if the centre tap is in the proper position this will be about the same. If there is a difference the centre tap is not correct, and it will be necessary to rewind the secondary.

2. Is it necessary to have sufficient resistance to drop the 230 volts on no load?—No.

3. Is it necessary that the filament wire of the rectifying valve should be centre-tapped?

A.: Yes, either the mechanical centre through rewinding or the electrical centre by using a 60 ohms centre-tap rheostat and using a centre tap of this. The value (60 ohms) is not critical.

A. B.C. (Timaru): I am building the L.W. amplifier and wish to know if the following coils are right for the radio valves:—

Aerial coil: 30 turns 22 D.S.C. Space 3-16in.

Secondary: 80 turns same gauge, 2 1/2 in. former, .000375 condenser.

Second coil: Secondary 80 turns, primary 40, 36 enamelled close wound and placed inside the secondary coil.

Third coil: Same as No. 2.

A.: The primary is possibly a little high. If you remember an article in the "R.R." a week or so back, the question of primary coils was discussed. However, you can start with the large number and reduce to a smaller one. Probably the primary on the same former as the secondary would make a better transformer.

NOVICE (Kilbirnie)—My set has started to give me more static than music. I replaced the valves, but it is just as bad.

A.: Have your eliminator tested for it sounds something like a broken-down filter

A.: The latter is to be preferred. 7. If you are publishing a tuner, when will it appear?

A.: As soon as we can get it to work properly.

CURIOUS (Masterton). The valves have been changed in my factory-built receiver. Is the original plan superior to the adapted one?

A.: The designers' specifications would probably be slightly less sensitive than those now used, but the "B" consumption would be increased under the new combination.

2. Are the valves now used in proper sequence?

A.: Providing you do not get feed back and audio howling due to over-amplification on the audio side of the combination they would be quite satisfactory. The bias on the last valve is decidedly inadequate; 12 volts at least should be applied to B406.

3. Are the connections right?

A.: The connection going to the first audio valve should be better from the 90-volt tapping, that is, the connection between the 45-volt battery and the 22 1/2.

4. When removing the speaker plug I frequently get a sharp shock if I touch the transformer at the same time.

A.: Your set apparently does not use an output transformer, and although you might get a nasty shock, no harm can come of it.

Z. L.D.X. (Palmerston North). How many turns are required for valve base coils to cover the 110 to 200 metres band by using a .00015 variable condenser?

A.: 20 turns of 2 1/2 swg. dsc. Primary and tickler 45 turns of 20 swg. dsc. secondary.

2. How many mls do A415 and three 201A's take?

A.: This depends upon the bias and voltage. Find out these and look up the tables in the 1930 "Radio Guide."

3. Can a "Formo"-condenser .00035 be made into a .00015?

A.: Yes; reduce the number of plates to nine.

4. How many watts does an electric induction gramophone motor and the Loftin-White consume?

A.: About 25 watts.

5. You recently published a diagram of an adapted Daniell cell-charger. How



MR. R. TALBOT.

whose wide experience with motors is being made available to listeners in a series of talks from 1YA.

condenser. Try replacing the grid-leak and examine carefully for loose connections.

2. I used to be able to get the Australian stations, but now I can get only 2YA.

A.: This sounds like a broken-down condenser or defective grid-leak and condenser.

SCREEN-GRID (Wellington).—Which is the better pick-up for use with the Loftin White (and here three are enumerated)?

A.: We do not know the characteristics of these pick-ups, as we have not tested them. All are first-grade.

2. Which would be the better speaker—a silk diaphragm or a cone, with an 18in. baffle?

A.: The latter, particularly if the baffle was increased in size to 20in. or more.

3. An American magazine says it is not practical to use the screen grid detector if other stages are placed in front. It advocates using transformer coupling following the detector. If this is so, which is the best combination of valves.

A.: 22A's should be the best combination, but adding radio stages to the L.W. is a difficult task.

4. Would one stage of s.g.r.f. followed by a 227 detector be as good as a 5-valve Browning Drake?

A.: It should be, if everything works right, but you would have some fun in getting it to work.

5. Is it a difficult job to build the L.W. and to keep it adjusted?

A.: No, our laboratory model was entirely home-built, including the transformer and choke. It goes perfectly with very little adjustment. Sometimes adjustment in the hum balancer has to be made when changing from radio to gramophone, but this would not be so if it were properly shielded.

6. Would strong tin or sheet iron be suitable for shielding?

LISTENERS must attach this coupon to all queries sent to the Technical Editor (Box 1032, Wellington). Questions arriving without it are likely to go astray or be delayed.

Name of set

Number of Valves

Name

Address

Nom de plume

To be kept in subsequent inquiries.

Date

Please Note:—

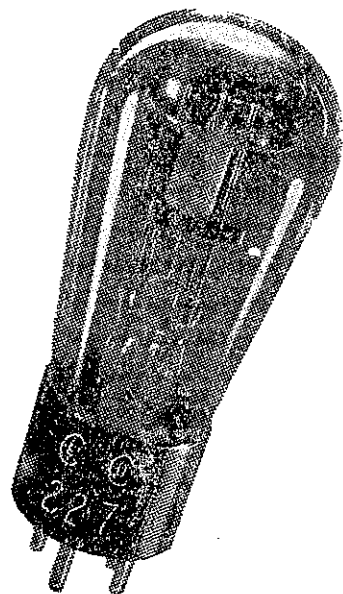
(1) Be specific and brief, tabulating, if possible.

(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.

MUSIC sounds better through CeCo VALVES



THE zum-zum of the big bass viol, the shrill treble of the tiny piccolo and the stirring blare of the brass are all blended into a beautiful tone picture by the waves of the conductor's baton. To receive these harmonies in all their original richness of quality and tone—use CeCo Valves.

We give every CeCo Valve 64 tests to make sure that they will bring to your loud speaker the true tones exactly as they are broadcast. Try a complete set of CeCo Valves in your set and hear the difference in clarity, and tone quality immediately.

CeCo Valves have longer life.

CeCo RADIO VALVES

Write to-day for free booklet "G"
Bond & Bond Ltd., P.O. Box 331, Auckland.

G4-QP

is the bluestone prevented from mixing with the distilled water?

A.: The bluestone consists of solid crystals. They are not made into a solution before being put into the cell.

6. How many turns are required for a 25 henry choke with a core $1\frac{1}{2}$ in. wide, $2\frac{1}{2}$ in. long, and $\frac{1}{2}$ in. high? Window $\frac{1}{2}$ in.

A.: About 7000 with a .05 in gap.

W.R.E. (Dunedin): Can I expect good results from a 3-valve screen grid receiver by using short-wave coils?

A.: Fairly good, but better by using an adaptor.

2. About what is the best time for short-wave reception?

A.: See the short-wave notes written by Mr. Sellens.

3. Can I bring in Dunedin on the loud-speaker with my rheostat turned right off. Am I overloading any valves?

A.: No, you are quite safe in doing this.

3. I am intending to add another valve to my receiver. How much would it cost me? Will I be able to bring in Japan? Would this valve make a great difference to the set. Will it be harder to eliminate Dunedin with a wave-trap?

A.: About £2. Yes. Yes. No.

4. What is the best make of "B" battery to use?

A.: There is little to choose between the makes. You are using a first-grade one, but it is advisable to use the heaviest batteries you can afford.

5. How am I to know where to find the short-wave stations on my two dials?

A.: Only by experiment. Locate the station by its whistle and then tune it to maximum strength, then note the setting.

6. When I tune out 4YA I partly lose 2YA. Why is this?

A.: Because they are close together, though with careful manipulation you should be able to tune in 2YA quite well.

7. I can seldom get 1YA when Dunedin is on.

A.: You should be able to if you are using an efficient wave-trap.

READER (Auckland): How long should I be able to use my 30 amp. hour accumulator before charging, using it three hours a day if my "A" current is about $\frac{1}{2}$ of an amp?

A.: About three weeks.

2. Where can I get particulars of a suitable charger?

A.: From the "Radio Listeners' Guide," 1929. Use a resistance of about 10 ohms to break down the charging rate.

KUARE (Matata): Which valve bases are used in the construction of the r.f. and detector coils?

A.: The make is of no importance. All standard valves with the exception of the 199 type have the same diameter.

2. Which valves would give the best results in the detector and audio stages?

A.: Detector, 112A, 4DX, 415; Audio, 112A, PMB, 409, L410.

W.H.: Is my earth sufficient? I enclose a sketch.

A.: If you punctured the copper with holes to allow percolation of the water it would be better.

IN DOUBT (Lower Hutt): What is the capacity in mfd. of my condenser which is marked 500 mfm.

A.: .0005 mfd.

2. Can this be used in place of a .00035 in the set?

Yes, if you use in series with it a .001 fixed condenser.

3. Would a .00025 condenser be satisfactory to substitute for a .0002.

A.: Yes, if you use a .001 condenser in series with it.

4. Is a midge variable condenser a neutralising condenser?—Yes.

5. Will a transformer with a ratio of 3:1 be satisfactory when $3\frac{1}{2}$:1 is specified?—Yes.

6. Is a short-wave h.f. choke satisfactory for RW8?—Yes.

A.M.T. (Otago): What is the value of the current flowing in the 100,000-ohm resistance in the "L.W." amplifier?

A.: See the diagram in this week's issue.

2. What is the current flowing through the .5 meg. resistance?—See diagram.

3. Would there be any advantage in building up the 5475 ohm. resistance to include a potentiometer, so as to allow for some variation in screen potential.

A.: Yes, if you use a 6000 ohms resistance along which clips can be placed to take off any voltage you could get the total 5475 without any difficulty, and then adjust another clip so as to obtain the optimum screen voltage.

4. Will $1\frac{1}{2}$ in. stalloy built up to 1 in. thickness be suitable for the choke?—Yes.

A NODE (Waipukurau) wishes to know if differential reaction is superior to the ordinary.

A.: It is claimed for differential reaction that once the oscillating point is found it does not vary with the frequency.

2. Could you give me a diagram of the circuit?

A.: We shall describe such a set shortly.

3. When are the P.M.G. examinations held, and where could I obtain entrance papers?

A.: You should write the "Radio Inspector" of your district (Wellington) for further particulars.

4. If I pass the examination is there any reasonable chance of getting employment?

A.: We believe there is quite an opening for qualified radio-operators and radio technicians. For further information on this point write Johnson's Wireless School, Wellington.

RAYDIO (Manawatu):—Can PN 16 be used for UX 222 in the 4-valve s.g., sw. receiver in this year's "Guide"?

A.: Yes, but note that the connection at the top of the valve is the plate whereas that on the top of 222 is the grid.

2. I suffer from considerable interference from telegraph lines. What can I do?

A.: Your only plan is to contact the District Radio Inspector.

3. Can an r.c. unit be used with s.g., s.w. set?—Yes.

S.D. (Hikurangi):—My set howls when the audio rheostat is turned on full, and no matter where I shift the speaker the set howls.

A.: It sounds like a microphonic valve. Try another in its place, or reverse connection to primary of first audio transformer.

2. The speaker will sometimes crackle.

A.: It seems as though there is a loose connection in the speaker.

3. By connecting two leads in the primary of the first audio transformer will I lose any volume if the pick-up is not connected?

A.: You can leave the low potential end of the pick-up connected with one side of the transformer. The other side, however, must be disconnected when the apparatus is to be used as a radio receiver.

HOTSHOT (Wellington): I have an 8-valve a.c. set, and one of the valves is continually burning out. What can I do?

A.: Consult the agent who sold it to you, for there is little that an amateur can do with a set such as this.

KEEN (Wellington): I am about 800 yards from 2YA, and I can bring in 3YA and 1YA only very weakly. I have been told that an electric local is the only thing for me, as I am shadowed by 2YA.

A.: This seems to be the case, although in the 2YA station a set is used which can bring in outside stations quite easily when the local is operating.

A.: Try shifting your aerial round, and increase its height.

2. Would I get results on short waves?

You would stand more chance than on broadcast.

3. Where could I get a circuit of "Round the World Two"?

A.: R.R.—February 28, 1930.

4. What would be the approximate cost of the above set, and what would be the range?

A.: The cost would depend on the class of components used. You should get

a good set for £5. It would bring in the European stations on the 'phones.

MICROAMP. (Gisborne): I have a 3-valve all-wave Reinartz set. Can I add a stage of screen grid untuned radio frequency?

A.: Yes. But it would be better tuned, even if you put the tuning condenser on the same spindle as the detector tuning condenser.

2. I have tried several times to add the r.f. stage, but can get nothing.

A.: Are you sure you are connecting the radio valve the right way? If you are using an English or a Continental valve the terminal on the top of the valve is the plate. With the 222 it is the grid. The terminal made free in each case by the transfer of the electrode terminal to the top of the valve is the screen grid.

3. In both cases I used New Zealand-made coils. Should I expect results with these?

A.: They should be quite satisfactory, providing they are designed for the condenser you are using.

4. Can I adapt either of the circuits enclosed to use broadcast and short-wave coils?

A.: The circuits can be adapted, but designing a set of coils would be rather a long job. You will find our screen-grid short-wave receiver described in this year's "Guide," together with the broadcast coils described in the "Record" quite as good as anything of the kind.

Tips and Jottings

Transformer Care.

AUDIO transformers having cores made up from stampings from sheets of one of the new steels may change their characteristics if by accident a relatively heavy current is passed through the primary winding or if the component is dropped. It is usual to heat treat the core stampings after they have been punched from the sheet in order to improve their magnetic properties, but it would seem that a user must exercise a certain amount of care, or the special properties will be destroyed. The manufacturers themselves handle the stampings with care during assembly, as it is known that even bending will impair the magnetic

Sound System at Shopping Month

PETONE has been holding a shopping month, and at the official closing on the 22nd a Pam Sound System was erected under the auspices of Stirton's Music and Radio Store to relay music and speeches to the assembled crowds.

The clarity and power of the system made it possible to hear the music throughout the whole shopping area, and succeeded in making the closing day a highly successful one and in stimulating people's interest in the goods offered by local retailers.

Music and announcements were made throughout the afternoon and evening, and at 9 o'clock Mr. J. Kerr, chairman of the committee, spoke to the assembled audience in the main street.

The power required to give such reproduction was tremendous, and the Wright DeCosta handled the load with the greatest of satisfaction and credit to its designers. Pam Sound Systems are designed and built by the Samson Electric Company, Canton, Mass., U.S.A., who are represented in New Zealand by Messrs. J. A. Smyth and Co., 71 Victoria Street, Wellington.

properties of the steel.

Using Two Speakers.

THOSE possessing a modern cone speaker and an old-style high-pitched horn may easily adopt the mixing-panel idea employed by transmitting stations. The general purpose of a mixing panel for the home receiver is to obtain mellowness and depth with just the desired degree of sharpness for voice and distant reception. To do this, both speakers are connected in series across the output of the radio receiver, and each is shunted with a variable resistance. Both resistances should have a range of from 0 to 300,000 ohms for efficient control. Separate resistors may be used, or dual resistors mounted in a single unit.

Eltax Batteries !!!

Are of outstanding merit—long life and reasonable price.

They can be procured in blocks of 45, 60, 90, 100 and 120 volts in two sizes.

Yellow Label for 1 and 2-valve sets.

45v. 12/6 60v. 14/-

Green Label for 3 and 4-valve sets.

45v. 14/- 60v. 18/-

6v. "C" Batteries, 2/6

Details and prices supplied, upon request, of larger capacity and higher voltage batteries.

Thos. Ballinger & Co. Ltd., 58-62 Victoria St., WELLINGTON

"Where the Quality Goods are Sold"

GRADUALLY the accounts of the loss the "Tahiti" are filtering through, and in each episode the part played by wireless looms largely. A sinking ship out in the ocean, a heavy swell running, the nearest aid hundreds of miles away, and three hundred souls endangered—that was the plight of the "Tahiti," and she would probably have passed into the haven of lost ships were it not for her radio.

When the first calls from the stricken ship were sent out in the early hours of Saturday morning they were answered by reassuring messages from the vessels in the neighbouring waters. Courses were altered, and help forthcoming. Soon the worst was known. Messages telling of the plight of the "Tahiti" were flashed past the speeding rescue ships, picked up by intermediate stations, and passed on to all parts of the world.

The difficulties on the sinking ship were paramount. The engine room at daybreak on Saturday was beyond control, with water threatening to kill the dynamos. The wireless messages indicated that at any moment the ship might have to be abandoned. With the dynamos cut off, the radio operators, whose messages told the "Peny-

bryn" and the "Ventura" that the distance must be made in a few hours if calamity was to be avoided, were working under grave difficulties. Their main power supply was cut off, but with the auxiliary they were able to carry on. And yet, faced with this grave position, the cool operator asked early on Sunday morning for the latest Test score! This was the spirit of those whose least danger was that they might any hour have to take to the boats and face the untold perils of exposure.

2YA also was responsible for helping to keep up the spirits of the passengers and crew. A powerful radio receiver, used for the entertainment of passengers, was put to good service. Timed to 2YA Saturday night, the receiver

brought through the dance music, and those on board temporarily forgot their anxiety as they stepped to foxtrot and jazz.

MEANWHILE the Union Steam Ship Company in Wellington maintained communication with 2YA, and so the news went out. Each new development was speedily 'phoned, so that there was no loss of time in apprising

THE importance of wireless in this case has been recognised worldwide. A leading article in the "New York Times," headed "Saved by Wireless," says: "The case of the 'Tahiti' is worthy of honourable mention in the annals of the sea. The officers and men of the 'Tahiti' and the 'Ventura' behaved handsomely, the 'Tahiti's' by fine seamanship and good discipline, and the 'Ventura's' by the rescue in a heavy sea without loss of life. Captain Meyer won golden opinions from his employers. There are comfort and hope in wireless, since the captain and men fight harder to save a ship and passengers when they know another ship is on the way to the rescue."

THIS has been one of the most—might we call it spectacular?—rescues that has been known. It recalls the fate of other vessels that went down without radio. Of the "Titanic,"

Radio Averts Disaster

How Passengers and Crew of Tahiti were Saved

Requiescat

A GOOD and a gallant ship
Goes to her rest.

Morning, high noon, and set of sun
Will know her not, since her work is done.
And she goes—distressed.

A true and a trusted friend
Sinks to her grave—
Hither and thither she carried far,
Greeting to those where the home ties are
Across the dark wave.

A good and a gallant ship
Sets sail no more,
The seas she scoured and the lands she knew
Will call in vain for a comrade true,
In the love they bore.

She rode through War, and in peace
Returned, unscarred,
But Death at the last has worked his will—
No more a-throb, she is silent, still,
Where the sea-gods guard.

O! goodly and gallant ship
One thought, like stone,
Shall stand whenever the tale is told.
You went to your death, majestic, bold,
But you went alone.

—"John Storm."

those in anxious waiting. Throughout the week-end, and until it was announced that everyone was safe on board the "Ventura," someone remained at the offices of the company to answer the many 'phone calls. The "Tahiti" was the first topic in the afternoon and evening sessions at all stations. The importance of radio has been widely acknowledged, and every steamer making long trips carries a complete installation. An emergency such as that in the case of the

RADIO DIRECTORY

What to Buy and Where

CITIES

- | | |
|---|---|
| AERIAL MASTS | Domestic Radio Co., Ltd.,
300 Queen Street, Auckland. |
| ALTONA & HAMMARLUND-ROBERTS SETS. | Johns, Ltd.
Chancery Street, Auckland. |
| BROWNING DRAKE SPECIALISTS | F. J. W. Fear & Co.
63 Willis Street, Wellington. |
| BURGESS RADIO BATTERIES, | All Radio Dealers. |
| KING RADIO RECEIVERS . . . | F. J. W. Fear & Co.,
63 Willis Street, Wellington. |
| LOFTIN-WHITE AMPLIFIERS | Stewart Hardware Ltd.,
Courtenay Place, Wellington. |
| MAJESTIC RADIO RECEIVERS | Kirkcaldie & Stains,
Wellington Agents, Lambton Quay. |
| MULLARD VALVES | All Radio Dealers. |
| PILOT 1930 PARTS—PILOT SUPER WASP KITS, GILFILLAN, KELLOGG and ATWATER KENT SETS | Harrington's, N.Z., Ltd.,
138-140 Queen St., Auckland.
40-42 Willis St., Wellington. |
| RADIOLA RECEIVERS and Expert Radiola Service. | Farmers' Trading Co., Ltd.,
Hobson Street, Auckland. |
| STEINITE RADIO | G. G. Macquarrie, Ltd.,
120 Willis St., Wellington. |

COUNTRY TOWNS

- | | |
|---|---|
| MAJESTIC, ATWATER-KENT AND RADIOLA ELECTRIC SETS | Radio House, Hamilton.
G. S. Anchor, Manager. |
| PHILIPS VALVES AND APPARATUS | All Good Radio Dealers. |

What! not heard it yet?

THEN LISTEN TO THIS—FROM A RADIO DEALER!

"We wish to keep this Speaker in the Writer's Home to replace a Moving Coil Dynamic of a well-known make, with which we were well satisfied, prior to trying out the Farrand."

L. M. SILVER & CO., LTD.

30-32 TORY STREET, WELLINGTON.

New Zealand Agents for the—

FARRAND INDUCTOR DYNAMIC SPEAKER

With GRAMOPHONE and RADIO

BY "B NATURAL"

ALTHOUGH there is no one programme that we can call upon for our records this week, there are many fine items being broadcast from the studios. Many of these would form splendid bases for collections. "On Wings of Song" (Mendelssohn), and played from 1YA on August 26, is an old favourite. It is an air that everyone has heard, and

"Titanic" is guarded against by a complete staff, organised so that the radio can be watched all day. Developments have moved so fast that in the larger steamers at least, the old ideas of wireless cabins have been completely



CAPTAIN A. T. TOTEN,
Skipper of the ill-fated "Tahiti."

changed. Morse is gradually being replaced by telephony. Captains can confer with other captains, and the executives of their lines. The operators no longer have to strain their ears to headphones, for loudspeakers have already made their appearance.

when played by Heifetz on H.M.V. DB 1216 it makes a record that would grace any collection. Being one of the newer recordings it gains twofold. The recording, well nigh perfect, imparts a high degree of realism, and it has the advantage of the more mature art of Heifetz. The golden notes of his violin flowing from his masterly bow make an unsurpassed record. On the reverse are two bright little airs, "Jota" and "Puck." The first opens with plucked strings and leads up to smoother passages, followed by some bright spring bow work and more plucked chords. This air is a masterpiece of technique. "Puck" is even brighter and involves more technique with the springing bow. The record is a brilliant one.

TWO further airs that are going over the air this week, are recorded by Heifetz—"Chanson Arabe," from 4YA on August 29, and "Slavonic Dance No. 1" (Dvorak), from 1YA on August 24. "Chanson Hindoue" is recorded on H.M.V. DA272. With a definite Oriental flavour this is an unusual record, though there is not the scope for Heifetz there is in the previous record. It is quietly beautiful, and it is quite evident where "Beautiful Ohio" had its origin. "Chanson Arabe," on the reverse, is another Eastern air that is strongly reminiscent of the tents and deserts of the Arab. These two airs are quaint and beautiful.

THAT the "Slavonic Dance" on H.M.V. DA247 is one of the older records is made evident by the greater amount of noise that to a certain extent offsets the upper registers of Heifetz's violin. That it is an older recording is evident from the less mature playing. It is a good version of the lively and difficult dance, and we should like to hear it electrically recorded by the mature artist. On the reverse is "Serenade, Op. 4" (d'Ambrosio), with some pretty passages well managed.

OF a different nature is H.M.V. C1705—Vocal Gems from the "Chocolate Soldier." As an instrumental item, part of this musical comedy will be broadcast from 2YA on August 30. The "Vocal Gems," by the Light Opera Company, is a bright record which opens with brisk orchestral passages, followed by the chorus. The duets and solos are splendidly rendered, for in this company there are some fine voices, both male and female. All the excerpts have a snap and definition that makes the record a good one.

Further concerted excerpts are found on the reverse—this time from "Lilac Domino."

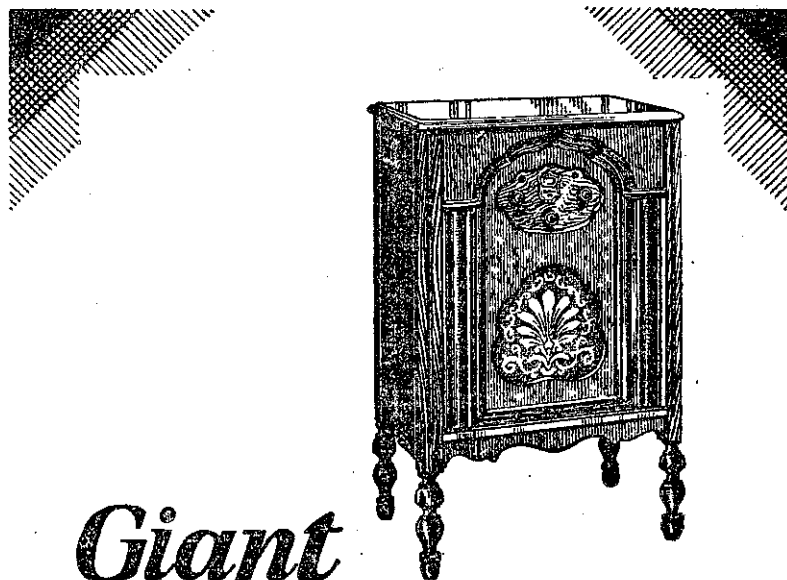
FOR a representative collection of the works of Schubert, that recording arrangement of Herbert Finck, called "Schubertiana," will take a considerable amount of bettering. Finck has done some creditable arranging, and has made some good music. He is heard to advantage in his own interpretation of this arrangement on Columbia 02721-2, these being recordings of "Schubertiana" by his orchestra. There is no mistaking the music, it is real Schubert, and the selections, including excerpts from "Lilac Time," the "Erl King," "The Unfinished Symphony," and his brilliant and well

known "March Militaire." Each fades into the other so that in reality this is a moving picture (and a sound one at that) of the works of the great Austrian composer. There are many airs, and the listener is whirled through all the phases of Schubert's art. It is a splendid arrangement and well rendered. It was broadcast from 1YA Monday last.

The Best Records.

BY far the best H.M.V. record is DB 1216—Heifetz in "The Wings of Song," "Jota" and the fairy-like "Puck."

A LOOSE connecting bar on the accumulator is one often unsuspected cause of "fluctuations" in signals.



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Stations Identified

"INCUBU" (Waitaha): "Re hearing 2ME on broadcast, on 10th inst., at 9.30 p.m. on 1200 kcs. (250m.). I heard 'Hullo, hullo, VK2ME testing,' but I took it for a relay.—'Kauspanka' (Hawke's Bay).

"AMAZON" (Palmerston North).—Station on 268 metres (1120 k.c.) would be KMIC.—A. D. Rogers (Wellington).

"AMAZON" (Palmerston North). and "Kit-set 3" (Dunedin): KSL Salt Lake City can be heard one point above 22M Gisborne. "Metre" (Huntly): This is KPO San Francisco. "Gregg" (Dunedin): Station near 22F is KNX, "The Voice of Hollywood." KOA Denver can be heard occasionally between 3LO and JOGK. "L.C.S.": The Eketahuna station you heard is probably 2ZE and not 2ZS. "Curious" (Westland): KHJ Los Angeles can be heard on 1YA's silent night with organ music.—"B.J.B." (Waipukurau).

"INCUBU" (Waitaha): Station heard was 5AD Adelaide. I heard him with a dance programme on August 9, and again on the 15th, when he opened with a children's session. I have heard his call-sign several times. Wavelength about 230 metres (1300 kc.).—"Kilocycle" (Huntly).

"YANKEE" (New Plymouth: The station just above 3YA is KJR Seattle. W. Anglesey (Nelson): KPO is correct.—"Ray Dio" (Shannon).

"BOB" (Wellington): I have logged the station on top of 3ZC several times, but haven't been able to find out anything about him. I have recently received a verification from 7ZL. On August 17 I picked up a new station—12M Manurewa. He transmits on 42L's wavelength, i.e., 245.9 metres, approx. (1220 kc.). Does any DX-er know anything about him? I would like to get a verification. He was broadcasting records and came through clearly and at good speaker strength.—"L.H." (Mercer).

"INCUBU" (Waitaha): VK2ME is operated on 28.5 metres on short-wave, but the message you quote is the type sent between 2ME and GBP Rugby, England. "ZLDX" (Palmerston North) probably heard RV15 Siberia on 70 metres. Announcements are made some-

times by a lady. I have definitely identified the station on Auckland's wavelength as KHJ Los Angeles, and, conditions being favourable, it can be heard any Monday night when 1YA is silent. "Kit-set 3" (Dunedin): On the (24.50) metres coil I have 21 stations, 12 identified.—"Metre" (Huntly).

"AMAZON" (Palmerston North): Station on 268 metres (1140 kc.) would probably be KSL Salt Lake City. I have had him at good strength this last fortnight. The announcer has a very deep bass voice. In three months I have logged 36 American, 24 New Zealand, 9 Japanese, and 16 Australian stations.—"Pukewai" (Pahiatua).

"UNCONSCIOUS" (Timaru): The two Americans operating above 7ZL are KMTR Hollywood, 570 kc. (526 metres), and KTAB Oakland, 550 kc. (545 metres). "Amazon" (Palmerston North): Call of station at Salt Lake City, Utah, is KSL. "M.B.S." (Palmerston North): Call of Philippine Islands station is KXRM, Manila. He comes in well after 3AR has closed on Sunday nights. 22Q Masterton can be heard exactly on 2ZL's wavelength. 12H Hamilton is now operating on Wednesday nights from 8 to 10 p.m., on 75½ degrees (single dial). "L.C.S." (Trentham): 2ZE Eketahuna is the call of the station you heard. He is very often testing, besides being on the air on Wednesday nights and Sunday afternoons.—"J.P.C." (Palmerston North).

Identification Wanted

THE only two Americans I have logged recently are WCCO, Minneapolis, which operates about half a degree below 3LO, and another heard on August 16, between 2KY and KNX. It operates a fraction above the former, and I took the call to be W3XA. It was announced that a test programme of "phonograph" records

was being broadcast. Following items were heard at 5.5 p.m.: "Singin' in the Rain," "When You Come to the End of the Day," and "Big City Blues." At 5.34 p.m., announcer said: "You are listening to W3XA (?), broadcasting station of — service, broadcasting a test service"—after which he closed down.—"Ray Dio" (Shannon).

STATION about midway between 4YA and 3AR, Melbourne. At 7 p.m. on August 15 I heard the announcer state: "We will now provide an hour's dance music." Static was bad. Almost at the same time a station just above 22F, Palmerston North was heard playing jazz. Also, at rare intervals during the winter, when 2YA are silent for a few minutes, faint jazz can be heard without shifting the dials until about 5.30 p.m. Would this be WGN?—"Inquirer" (Motueka).

ON August 14 I picked up the following stations. An American on approximately 1010 kc. (297 metres), and another on 3YA's wavelength. Also 4 more Americans on the following wavelengths: 1150 kc. (261 metres), 1175 kc. (255 metres), 1400 kc. (214 metres), and 952 kc. (315 metres). The majority came in very well, but all I could hear on the

A radio enthusiast who was a spectator at the fourth Rugby Test match in Wellington said: "If a meeting were called of all the radio license-holders in New Zealand, and practically all attended, the crowd would equal that present to-day." Surveying the multitude after this remark, one certainly felt impressed with the importance of radio, and its great popularity.

latter was a hum. I also tuned in a station at 9.45 p.m. on August 12 on 1300kc. (231 metres). They were transmitting a programme of "Good Old Songs." Could anyone oblige me with a list of Japanese stations with frequencies? My log comprises 22 N.Z., 16 Australian, 31 American, 1 Fiji, and 1 Honolulu.—"All Electric 7" (Oamaru).

[A complete list of Japanese broadcasting stations with wavelengths was published on p. 26 of issue dated August 1. Frequencies may be calculated from formula, metres x kilocycles equals 300,000.—Ed.]

STATION operating on 493 metres (610 kc.), each evening from about 6 p.m., a second operating on 481 metres (624 kc.) at the same time, and a third on approximately 446 metres (670 kc.), which may be heard at its best at 7.30 p.m.—"Metre" (Huntly).

STATION heard August 21 at 9.15 p.m. It came in 1½ deg. below KFOX 1250 k.c. (239.9 metres). Strength was quite good, although unsteady. The announcer stated that the "United Metal Industries, Ltd." had opened new show-rooms, which would be permanent, and not open only for two weeks as the public had been led to suppose. A call was then given which sounded like 4BC, Brisbane.—H.F.A. (Masterton).

[A new Australian "B" class station, see letter by "Gregg, under "DX Topics."—Ed.]

ON August 21, at 8.20 p.m., I heard a station on 1160 k.c. (258 metres).—"Yankee" (New Plymouth).

ON August 21, at 7.30 p.m., I tuned in to a station just as it was closing down. The call was given at KGMB

or KGMG. I think it was the former. Could any DXer give me his address? It was operating just below 2YB, New Plymouth.—A. McK. (Gore).

ON August 16, at 10.10 p.m., I heard an American on 240 metres approximately (1200 k.c.). Items heard: (a) "Rolling Along"; (b) two orchestral selections. Static, as usual, increased every time the announcer spoke. Signal strength, R4-4, and fairly steady. Would this be KFOX?

On August 13 I heard another American on approximately 310 metres (810 k.c.) at 7 p.m. till 7.45 p.m. Items: (1) "Utah Trail"; (2) Duet by two men; (3) "Bum-Song." Mr. Announcer spoke of several well-known radio sets. Signals: R4, static at times was bad; fading only at intervals. On approximately 400 metres (665 k.c.) I heard another American (August 13), at 7.30 p.m. Items: (1) Orchestral piece; (2) "Head Over Heels in Love." Mr. Announcer mentioned the "Silver Slipper Cafe, San Francisco." Orchestral piece, followed. Signals, R4, static bad; fading a little. Station operating on approximately 214 metres (1400 k.c.) heard at 10 p.m. on August 17. Items: (1) "Louise"; (2) "Why Did You Leave Me, and Where Did You go?" (orchestral, with vocal refrain); (3) orchestral item. Static was bad, and fading acute, R4-5. On same date, at 10.15 p.m., I heard KFOX, Long Beach, Cal., transmitting a programme for Australia and New Zealand. This station came in with wonderful volume. Static bad, Rapid fade. If Mr. Ellis, of Okato, should see this, would he please forward me a diagram of his earth system? I possess a similar set. Could any DX member give me the address of station 2ZL Hastings? I tuned in on this station at 8.55 p.m., August 18. Items: "My Ain Folk"; (2) two numbers from "It's a Great Life"; (3) sea shanties. Signals, R6; rapid fade; static.—"Bob" (Wellington).

STATION on 2FC's wavelength on August 15, at about 12.50 p.m., heard relaying a church service. A man was speaking at the time. 2FC comes in here well from 12 noon onwards. Volume is not always up to standard on my 9-valve super-het. — "Super-het." (Havelock North).

ON August 13, I logged the following American stations, KNH, KGER, KGU, and KGO. They came in very clearly on loudspeaker from 4.30 p.m. onwards. Could anyone send me the addresses of these stations?—DX-er. (Waikou).

[Address of KNX is c/o Western Broadcast Co., Hollywood, California; of KGER is c/o Mr. C. Merwan Dobyns, Long Beach, California; of KGU is c/o Advertising Publ. Co., Honolulu, Hawaii; and of KGO is c/o General Electric Co., Oakland, California.—Ed.]

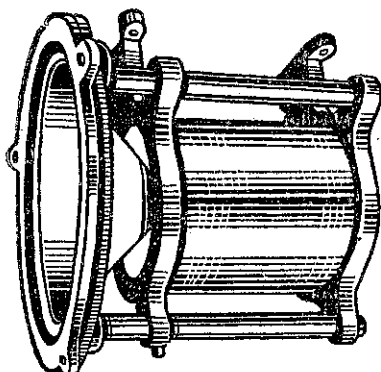
DX Topics

"Helping the Budget."

I INTEND trying for the "DX Cup," but there are one or two rules that do not seem quite clear. (1) No stations heard before August 8 (the date of issue announcing the competition) can be counted. (2) Some American stations send only an Ekko stamp or a card within an envelope with the date of reception not shown, so that in cases like these should the envelope with postmark be produced? (See footnote.—Ed.). It's going to be an expensive business writing to all the stations, but I suppose it's helping the Budget.

New stations logged since August 8 are KLO, Utah, 1400 kcs. (214m.); KECA, Los Angeles, 1430 kcs. (210m.); KROW, California, 990 kcs. (322m.); WSFA, Alabama, 1410 kcs. (213m.); and four Australians, 3DI, Ballarat, 1390 kcs.; 5AD, Adelaide, 1820 kcs.; 4 (BG?), Brisbane and TMO, Hobart, on 1270 kcs. and 920 kcs. Besides the above new Americans I have heard two or three

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that I had not heard for months until recently. These include WHK, Ohio, WJL, Alabama, and KPRC, Texas. The station has been heard twice in the last week at 4 p.m. I received a card from WJL some weeks ago, which stated that they expected to increase power soon. By the last mail I had an illustrated booklet showing views of Vancouver, sent by the Vancouver Publicity Bureau. Has any other listener received one? My Americans now total 82, including Canada and Mexico.—"Kauspanka" (Hawke's Bay).

[In answer to your queries re the DX Competition. (1) Any verification, regardless of the date it bears, will be counted if the station's frequency shown thereon is identical with that on which the station is operating on August 8. (2) The stamps and cards referred to will be counted. It may be seen from the above explanation that the fact that these verifications may be un-dated is immaterial.—Ed.]

A New Australian.

AT an early hour on August 21, I logged 4BC Brisbane on 233 metres (1290 kc.), giving a ball to ball description of the fourth day's play in the fifth test match. Strength R3. This is one of the new B class stations. Power 200 watts.—"Amazon" (Palmerston North).

A Fair Log.

I HAVE had a fair measure of success with my seven-valve a.c. set, having logged 41 stations. This comprises 6 Americans, 3 Japanese, 20 New Zealand, and 13 Australians. Do you think that is a good log for this type of set?—C.E.W. (Feilding).

[Quite fair, but it is difficult to judge. So many factors, such as locality, aerial and earth installations, etc., have an important bearing on long-distance reception.—Ed.]

American Loggings.

RECENTLY I have added seven more Americans to my log. On August 13, KTHS, Hot Springs, Arkansas, was heard at good strength, transmitting election results, interspersed with gramophone records. KTHS signed off at 6.20 p.m., with the "Good-night Waltz," giving his frequency as 1040 kc. (288 metres). On 1050 kc. (286 metres), KNX Los Angeles was loud and clear with dance numbers. KFI Los Angeles, 640 kc. (468 metres), was very clear, signing off at 7.35 p.m., and for their concluding number played "I Love You So Much." KGU Honolulu, 940 kc. (319 metres), relaying a boxing contest, was loud and clear.

Another new station heard was KMIC, on August 17, coming in at fair speaker strength, with gramophone records, giving his call as KMIC Inglewood, California. On August 21 I logged KGMB Honolulu, at good strength, and heard him sign off at 7.30 p.m. A new Australian station was heard testing on 245 metres (1230 kc.), on August 15, at 11.30 p.m., giving the call as 4BC, "Test Match Service," 43 Adelaide Street, Brisbane. It seems that this station is on the air mainly to supply listeners with cricket information, and is on the air some nights till 8.30 a.m.—A. D. Rogers (Wellington).

Excellent Reception.

LIKE E.M.T. (Wellington), I have a two-valve set for local reception, but find that it is a good set for distance. I can get 13 Aussies, including 6WF, Perth, 12 New Zealand, and 4 Japs. All of these are heard on the speaker, as I have no headphones. I hear local transmitters, but never worry about identifying them. Without them, my total of 29 stations is not bad for an all-electric two. I have a good aerial and earth, and also have three other aeriels for experimenting. One is of the cage type, eight feet long, eight feet high at the high end, and five feet high at the low end, and it is under the eaves of the bach. I can get Australians on the speaker with this aerial, and at times fairly good. I have an indoor aerial made up of twenty-seven wires of enamelled wire as per

sample, thirteen feet long, and seven feet high. I get 3YA and 2YA quite OK, and at times get Australians, too, while on one occasion I heard JOGK. A second indoor aerial consists of one length of twenty gauge enamelled copper wire, 17 feet long and 7 feet high; I receive 2YA quite loud enough for house reception, and can cut out the local completely. I hear some of the Australian stations at times on this aerial, but only faintly. There is no imagination about these results, as dozens of people have heard them, but some would sooner disbelieve than listen. I have a friend nearby who has logged twenty-seven stations on the same make of set. I live about three miles from 3YA.—H.E. (Christchurch).

An A.C. Two-valver.

I WAS very interested to read in a recent issue of the results EMT (Wellington) was securing with his two-valve a.c. local receiver. I have a similar set, and although I have received 3YA and Brisbane a few times, they were at very low speaker strength. 2YA seems my limit. Could you let me know the name and address of your correspondent, as



Miss Ava Symons, leader of 2YA Orchestra, to be heard in trio combinations next week.

perhaps some simple adjustment may make all the difference.—A. T. Orange, 12 Newman Terrace, Wellington.

[Sorry, but we haven't the address you require. Perhaps E.M.T., if he sees this, will drop you a line.—Ed.]

A Remarkable Logging.

I HAVE had my set two years, and after logging 36 Americans, kept no further tally. I find that stations in the States will nearly always reply when written to—in fact, only two have failed to do so, namely, KDKA and KWKH. I have arranged my set to use from 3 to 8 valves, with a pentode in the last stage. I can get Australian stations any time they are on the air. Below is given a verification from WDAY, Fargo, North Dakota, which, according to the "Guide," has not been reported as heard in New Zealand.—C.H.H. (Kaiaia).

"WE were very much pleased to receive your report of reception of this station on January 25 at 7.45 p.m., New Zealand time. This record beats our past previous accomplishments by several thousand miles, as our record heretofore was Honolulu. We are enclosing copy

of our schedule and assure you that we would be more than pleased to hear from you again should you be successful in again picking us up. It might interest you to know that at the time you heard us we were operating on only approximately 300 watts, due to the fact that we were operating with an emergency generator outfit following the burnout of our regular plate supply generator. This may well be considered quite a record for a 300 watt plant and may also be considered as some achievement on your part. Again thanking you for your report, we are, yours truly, WDAY INC., by E. C. Reineke."

Short-wave Verification.

WE have received from an Auckland correspondent a copy of a verification (dated June 30, 1930) from W2XAD and W2XAF. This is reproduced below.

"Thank you for your communication, commenting on the transmission of WGY's short-wave stations, W2XAD and W2XAF. The schedule of these transmitters is as follows:—W2XAD, daily 5.10 p.m. to 8 p.m. EDT, and in addition on Sundays, Tuesdays and Thursdays from 2 p.m. to 5.10 p.m. W2XAF, daily from 7 p.m. to 10 p.m. There will be a slight change quarterly to compensate for the changing time of darkness at Schenectady. The only effect on the schedule will be the time at which W2XAD is signed off and W2XAF signed on. The programme will be continuous from 5.10 p.m. (or 2 p.m.) until 10 p.m.

"Station W2XAD operates on 15,340 kilocycles, or approximately 19.56 metres, and W2XAF on 9530 kilocycles, or 31.48 metres. In addition to the above there are irregular schedules of important events. You may determine these times from the programme schedule which we transmit at 5.10 p.m., Eastern Daylight Saving Time, each day (excepting Saturdays and Sundays, when the time is 5.40 p.m.), using both voice and telegraph code on the transmitter which will be used that evening. We hope that you will continue to enjoy our programmes.—Very truly yours, W. J. Purcell, WGY Broadcasting Station, 1 River Road, Schenectady, N.Y."

New Loggings.

THANKS, "Yankee" (New Plymouth), also ZLDX (Palmerston North) for information. I logged KNX, Los Angeles, California, on August 21 between 10.30 and 11.30 p.m. This station was on test using "phonograph recordings." I heard call quite clearly. On the 15th I logged 5AD, Adelaide, and on the 16th I picked up an Australian I've never heard of—4BC, Brisbane, strength R7. The address given was 43 Adelaide Street, Brisbane. On the 21st, at 6.20 p.m., I heard a station on approximately 365 metres (820 kc.), strength R3. Heard two violin solos with piano accompaniment. This station closed down at 6.30 p.m. giving call AOAI. This may be wrong, but it sounded very much like it. Has any other listener heard this station? Also logged 2ZI, Hastings, strength R8. Would like the address of this last station.—"Gregg" (Dunedin). (Concluded on page 28.)

A Resourceful Engineer

RADIO was recently called upon to act as an assistant to the engineer in charge of the operations of laying a pipeline across a lake in Germany. The working force was distributed over a large area, and as it was important that the lowering of the pipe should take place simultaneously along its entire length, a portable transmitter was installed beside the engineer's levelling instrument. His orders were picked up by a receiver mounted on a motor-truck, amplified, and finally broadcast to the workmen.

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DX Topics

Logging New Zealand Stations.

SOME listeners report getting 26 New Zealand stations. This I do not consider out of the way for large sets situated in suitable positions in the North Island. I am situated in what is considered one of the worst localities in New Zealand and I have received 19 New Zealanders on a 4-valve all-electric single control set, using only one stage of audio. My total list is 40, and comprises 19 New Zealand stations, 13 Australians, 3 American, and 5 Japanese. Can any listener in beat this log for this type of set?—C.L.V. (Rakaia).

A Special New Zealand Programme.

TO-NIGHT (August 16), KFOX, of Longbeach, California, is broadcasting a programme for Australian and "Noo" Zealand friends, the volume being equal to 1YA. KSL, of Salt Lake City, Utah, also came in very well in the earlier part of the evening. KFOX is playing now "Give Yourself a Pat on the Back," and is coming through very loud on speaker. My total is now 38 American, 2 Honolulu, 1 Suva, and 2 Philippine stations, so with a little luck and good conditions I may reach "Kauspankers" record.—L.M. (Te Kuiti).

"Diogenes" Taken to Task.

RE "Diogenes" remarks in a back issue of the "Record." Everyone does not own a crystal set. About the imagination part of the business. I hold a verification of VORZ, a short-wave Viennese transmitter using a power of 20 watts. If "Diogenes" thinks that a listener can sit down in front of his set, imagine he has tuned in a station, imagine a few items, and imagine a call-sign, he is welcome to his thought. If a fellow can imagine all the above and receive verification for it, he should go to

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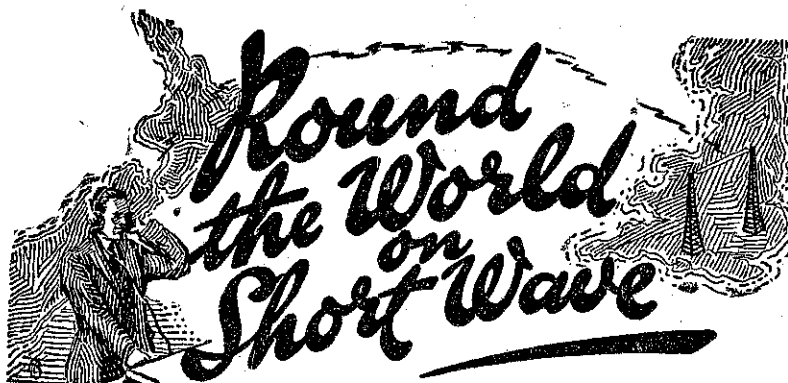
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THIS page is conducted in the interests of shortwave enthusiasts. A weekly log comprising notes of reception and interesting topical events is contributed by Mr. F. W. Sellens, Northland, Wellington, but all listeners are invited to send in paragraphs of general interest.

U.S.A. and his fortune would be made. The set I use is only a det. and audio outfit—and no stage of "imagination" in front either. Wishing DX dial-turners plenty of good shooting.—V.W. (Auckland).

A Phenomenal Log.

I RECENTLY received a letter from a Mr. Ray de Marcus, of Los Angeles. He has a log of 287 stations, and stated that owing to information I sent him, he has received 2YA. He also stated that KMIC, 1120 kc. (268 metres) KGFJ,

and 268 metres (1120 k.c.). Just after writing the above I heard the call of the latter station—KMIC, Inglewood, California. Five Japanese stations were also very clear.—J.E.O. (Rosenearth).

[Since the inauguration of the DX competition a few readers have protested that for long-distance reception the country listener possesses an overwhelming advantage over the city DX'er. It may be seen from the above letter, by a correspondent living in the heart of Wellington, that this is by no means always the case.

Stations Heard During Week Ending August 23.

3RO, Rome, 80 metres: Each morning except Sunday.
? America, 72.5 metres (about): Friday.
RV15, Siberia, 70 metres: Sun., Mon., Tue., Wed. and Thurs.
? 52 metres (about): Monday.
W9XAA, Chicago, 49.34 metres: Tuesday and Saturday.
W3XAL, New Jersey, 49.18 metres: Sunday and Saturday.
W2XE, New York, 49.02 metres: Sunday.
Radio Saigon, Indo-China, 49 metres: Sun., Mon. and Tues.
K1XR, Manila, 48.8 metres: Tues., Wed. and Thurs.
? 43 metres (about): Thursday.
W2XAF, Schenectady, 31.4 metres: Sunday and Saturday.
ZEESSEN, Germany, 31.38 metres: Each morning except Sunday.
PCJ, Holland, 31.28 metres: Thurs., Fri. and Sat.
VK2ME, Sydney, 31.28 metres: Wednesday.
NRH, Costa Rica, 30.5 metres: Sunday and Saturday.
VK2ME, Sydney, 28.5 metres: Duplex each day except Sunday.
GBP, Rugby, 27.7 metres: Duplex each day except Sunday.
ZLW, Wellington, 27.3 metres: Saturday.
CJRX, Winnipeg, 25.6 metres: Saturday.
G5SW, Chelmsford, 25.53 metres: Tues., Wed., Thurs., Fri. and Sat.

1210 kc. (248 metres), and KGFS are 24-hour stations. "Yankee" (New Plymouth).

A Two-Valve DX'er.

IN issue of August 15 under the heading of "An Excellent All-Electric Two," you say you have not heard of a better log for this set. I have a two-valve all-electric local receiver, and my log stands at the following: New Zealand 22, Australian 13, Japan 4, American 2, making a total of 41. All on loudspeaker. Americans received were KFOX, California, and KSL, Salt Lake City.—D.J.McI. (Pirinoa).

City Reception Conditions.

A NUMBER of American stations may be heard nightly—some loud enough to dance to. On August 13, between 6.30 p.m. and 7.30 p.m., we received the following, identified by their call-signs:—Los Angeles: KGER, KNX, KFWB, and KTM; San Francisco: KPO, KFRC, and KGO; Oakland: WENR; Denver: KOA; Honolulu: KGMB; and KFOX, Long Beach, California. Also three others (unidentified) on 385 metres (780 kc.), 290 metres (1030 kc.),

and 268 metres (1120 k.c.). Just after writing the above I heard the call of the latter station—KMIC, Inglewood, California. Five Japanese stations were also very clear.—J.E.O. (Rosenearth).

Short-wave News

Sunday, August 17.

AT about 2.15 p.m. NRH was at its best, being R4. Speech was too distorted to be readable, except odd words.

W2XAF was tuned in at 2.30 p.m., when they were just concluding the "Lucky Strike" hour; R7. They were off the air when tried for again just after 3 p.m. W2XE at 4 p.m. were quite good at R5, increasing to R7 by 4.30 p.m.

W3XAL, during the same period were about the same volume. Radio Saigon were excellent at R9 at 10.30 p.m. RV15 at 10.30 p.m. were R8-9, but spoilt by severe static.

Monday, August 18.

RADIO Roma (3RO) were perfect at R8 when tuned in at 7.30 a.m. The lady announcer was talking. Music followed.

Zeessen was good volume, but a morse station was almost on top of it, spoiling reception. At 7 p.m. 2ME were R8 and GBP R4. RV15 was excellent this evening, being R9 with talk and musical items.

On about 52 metres at 9.45 p.m. talk at R4 was heard. A strong ripple spoilt readability. This station had gone by 10.30 p.m. Radio Saigon at 10.45 p.m. was R7-8, spoilt by static.

Tuesday, August 19.

STATION G5SW at 7.30 a.m. was R7-8, gushy, but not quite as bad as usual. GBP and 2ME at 7.30 a.m. were R7 and R8. Zeessen was again spoilt by morse QRM. 3RO at 7.45 p.m. was only R2.

RV15 was R9 at 11 p.m., but static was very bad. Radio Saigon at R8 and K1XR at R5 were also spoilt by static. W9XAA were on the air with an early morning programme at 11 p.m. They were R8, but static reduced readability to 75 per cent.

Wednesday, August 20.

AT 7.30 a.m. 3RO was R7 with a slight gushiness. Zeessen at R8 was spoilt by morse.

2ME was R9 and GBP R8-9 at 7.45 a.m. G5SW at 7.45 a.m. was R8, spoilt by rapid fading. RV15 were excellent at R9 at 10 p.m., with slight static. K1XR on 48.8 metres at 10.15 p.m. were R8 with a programme of band music.

VK2ME on 31.28 metres were re-broadcasting 2UW at 10 p.m., who were describing the fifth Test match.

Thursday, August 21.

ZEESSEN at 6.30 a.m. was R7, increasing to R8-9 by 8 a.m. PCJ was very good at R5 at 6 a.m., but much better at 7 a.m.

2ME at 7.45 was R9 and GBP R8. ESW increased from R4 at 6.30 a.m. to R8 at 8 a.m. 3RO at 7.30 a.m. was R3, with a noisy background.

On about 43 metres at 7.40 a.m. singing was heard at R4, being very clear and steady. The item concluded at 7.43 a.m., and the station went off the air. EAR110, Madrid, is the only short-

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.

ALL-ELECTRIC 2-Valve Local Station Set, complete with Loudspeaker, Excellent reception and good quality. Set was built by thoroughly qualified expert, and is guaranteed. £12. "Reception," c/o "Radio Record."

8 SCREEN-GRID RADIO CHASSIS, £26, Triple S.G. R.F., Power Detection, 245's Push-pull. Write for details. Royds-Howard Co., Christchurch.

OBESITY—Reduce 20lbs. 6 weeks. Take Youth-o-Form. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

STALLOY-TRANSFORMER. — Strips 36 x 1 inches, 2 1/2 doz. Other widths proportional. Also supplied cut, punched. Special quantity quotations. Johns, Ltd., Chancery Street, Auckland.

YOUTH-O-FORM reduces weight 20lbs. six weeks. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

9D. 43-volt Torch Batteries, Round Units 8d., 9-volt C, 3/4, No. 6 1/11 posted. Royds-Howard Co., Christchurch.

FIGURE of willowy grace by taking Youth-o-Form capsules. 6/6 posted. A. C. Timms, Chemist, Pahiatua.

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

Friday, August 22.

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

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

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

Saturday, August 23.

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

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

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

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

American Broadcasting

(Concluded from page 2.)

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

Short-Wave Progress.

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

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

What About Television?

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

The Week's Features

(Continued from page 11.)

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

Notes from 2YA.

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

Christchurch Jottings.

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

Programme at 4YA.

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

SATURDAY

Wellington Features.

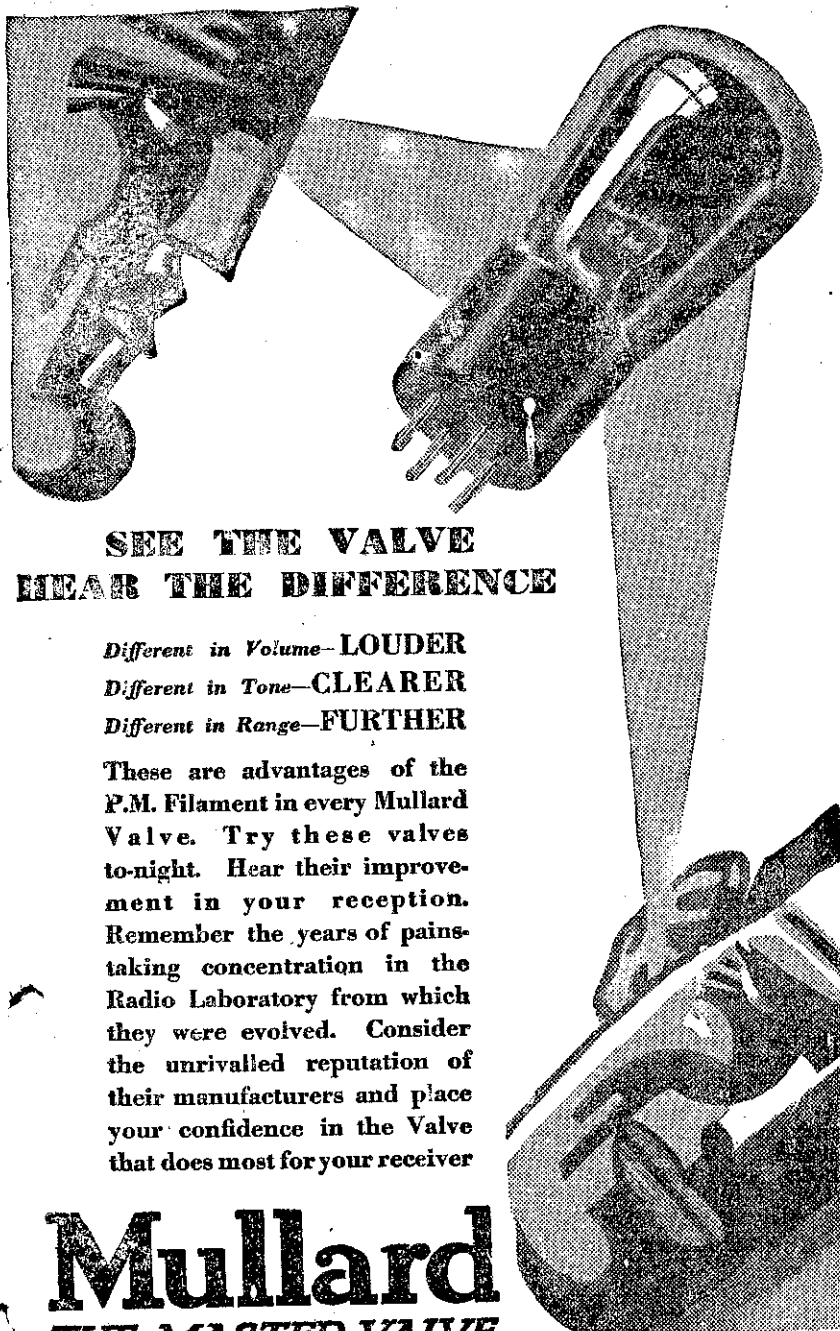
Eight O'Clock Revue

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

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

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

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



**SEE THE VALVE
HEAR THE DIFFERENCE**

*Different in Volume—LOUDER
Different in Tone—CLEARER
Different in Range—FURTHER*

These are advantages of the P.M. Filament in every Mullard Valve. Try these valves to-night. Hear their improvement in your reception. Remember the years of painstaking concentration in the Radio Laboratory from which they were evolved. Consider the unrivalled reputation of their manufacturers and place your confidence in the Valve that does most for your receiver

Mullard
THE MASTER-VALVE

Obtainable from all good Radio Dealers in 2, 4 and 6 volt UX and English bases. Sole New Zealand Selling Agents: SPEDDING, LTD., 2 Anzac Avenue, Auckland; Dominion Bldgs., Wellington; 214 Madras St., Christchurch; 42 Grawford St., Dunedin. Advt.—The Mullard Wireless Service Co., Ltd., Mullard House, Charing Cross Road, London, W.C.2.

THE ELECTRIC HOME JOURNAL

A FRIEND living in London has written bewailing the fact that it is almost impossible to hire an electric gramophone for a party. For one thing, nobody seems to have thought of opening such an agency, and again it would be a difficult matter to arrange, as the electric current varies in different districts. However, now that nearly all Wellington is on the 230 voltage, this should be an idea for the gramophone dealers.

ONE of the greatest inventions for labour-saving is the vegetable paring machine. Of course, this for the average home would be a great extravagance. But just think what a blessing such a unit must be in hospitals, hotels, schools and all big institutions. The peeling is done entirely by friction, turning out potatoes, carrots, turnips, and parsnips all smooth, clean and in their natural shape, causing only an average wastage of 10 per cent. One of our leading Wellington men's clubs have already installed one, and I believe are very proud of their possession.

AT a friend's house recently I was shown one of the latest designs in burglar-proof cigarette-boxes. It is made in the form of a miniature wireless set. Manipulation of a switch releases a drawer, with two compartments, for Turkish and Virginian cigarettes, while a musical box, concealed within, announces to the world with the tinkle of a popular tune that you are helping yourself to a cigarette.

IN an old copy of an English paper I came across the following recipe for delightful conversation. Ingredients: "One or two men of great culture (but endowed with the human spirit that survives it) added to one or two beautiful women who have knocked about the world, in the best sense of the term; one or two listeners, and a strong, silent man who doesn't chatter too much; a little dash of slang; sparing with the vermillion, and that with a bite in it. Not the ridicule of one human butt, but plenty of thrusts with the rapier of wit, assuaged with the balm of humour. Conversation should be like a soufflé, but with some nourishment in it."

ACCOUNTS have come to hand of the wedding of Sumurun, the mannequin queen, to a well-known French artist in Paris. There were great celebrations amongst the artists of the Latin Quarter, who made an

arch of paint-brushes over the heads of the bridal couple as they issued from the church. Later on many famous people attended the reception, which was held in a Montparnasse studio. Sumurun, who is acknowledged to be the world's most perfect mannequin, and whose beauty is distinctly Oriental in type, is in reality an English girl, born in London.

A NEW and most useful idea in the shape of a "dog park" has been inaugurated by the Picadilly Theatre, London. The accommodation consists of separate enclosures for each dog on the roof of the theatre, the charge being 3d. per animal. "Tail-waggers" are allowed in free. It is to be hoped that the walls and roof of the above-mentioned theatre are sound-proof!

SOMEWHERE on the Continent there is a labour-saving house so earnest about its saving of labour that when you step on the mat your tread makes something fly up and brush your boots.

IN my cooking experiments I tried this orange pudding, and found it excellent. Slice 3 or 4 oranges, and shake over them half a cup of sugar.

THOSE hero worshippers whose enthusiasm leads them to christen their offspring with the name of the object of their devotion had better take warning. Quite recently a Hungarian operatic star was awarded damages against a racehorse owner who gave her name to one of his stud. The ruling of the court was that one's name is inviolable, and must not be bestowed by others on undesirable objects. There is something to be said for this aspect of the matter. After all, nobody can prophesy whether a certain horse will be a star performer or a "dud," and it is certainly not much honour to be identified with an animal that comes in a good last!

NOW that summer is within measurable distance it may not be out of place to mention a few beach accessories for the holidays. There is the beach bag, repeating the fabric and shade of the beach costume. They may be made of rubberised crepe or terry cloth, and are mostly large and are carried over the arm by a broad strap of the material. Beach clogs are the latest footwear on the sands. They are made of cork, or of rubber and canvas, double-soled, and matching the

FROM its corps of efficiency experts, the United States Retail Drapery Association has received a report in favour of employing slim girls (says a correspondent in the "Daily Sketch.") Stout girls, it is asserted, are generally more agreeable; but, "in these days when space is so valuable, they take up too much room behind counters and in lifts . . ." Stout citizens are now carried in trains and buses on the same terms as their lean brethren; but if efficiency experts take to compiling statistics to show what undue proportion of the world's space they occupy, the "fat" will indeed be, if not in the fire, at any rate "in the soup."

A NOVEL idea for a Christmas present is to give a box of stationery, in which the envelopes are already stamped. So often one writes a letter in a hurry for the mail, and can find not a single stamp in the house—and at such a crisis the shops are sure to be shut. These are the moments when we bless our thoughtful friend.

A FRIEND of mine was invited to a church recently with a society beauty, whose house is in a fashionable quarter of London. She was amazed to see motor-vans outside the house and long cables stretching to the top windows. There was a continual hum of electricity and wires all over the place. "Spring cleaning?" she asked her hostess in surprise. "Talkies," was the illuminating reply. There will surely be no secret meetings of politicians in that house, where one's most brilliant indiscretions may be broadcast to the world.

ELECTRIC light lamps will last much longer if they are wiped regularly with a cloth dipped in soap water and carefully dried.

A MODERN homy home; vacuum cleaner and electric clothes-drier, and one of these new noiseless electric refrigerators—I mean what a convenience that is! I never could understand why they made so much fuss over Babe Ruth, or even a real scientific pioneer like Lindbergh, when we haven't yet done anything to boost the honest-to-go master genius that invented the electric refrigerator. Think of what it will do! Give you every sort of frozen dessert. Get rid of the iceman that tracks mud on the back porch! Provide ice-water, so you can have a refreshing drink night or day! What I always say is these fellows can have their big libraries, their

A Thought for the Week

You can always get what you want by appealing to people's emotions. But unless you've touched their intelligence they'll regret their decision afterwards.

—Alec Waugh (in *Nor Many Waters*).

Make a custard with one pint of milk, the yolks of two eggs, and a tablespoonful of cornflour. Pour this, when cold, over the oranges. Whisk the whites of the eggs with two tablespoonfuls of icing sugar, and spread over the pudding. Place in the oven and bake till light brown.

THERE is at present a revival of mother o' pearl necklaces. They are long, reaching in some cases to the waist, and are composed of irregular shapes of stones strung on a silk thread, with knots between each pearl. Pink mother o' pearl is particularly fashionable at the moment, and is much admired by her Majesty the Queen.

brighter hues in the costume. Beach rugs of terry cloth or crash, cushions in all styles, with weatherproof covers and umbrellas large enough to shelter several people are but a few of the articles which will add to the comfort of the sea-side holiday.

THE SOCIETY for the overseas settlement of British women possesses an old Georgian house in Leicestershire, where its girls are trained in all the arts of a housewife. Their fares are paid from their homes, they get free training in cooking and general housework for two months, and they are given a free passage to the colony to which they decide to emigrate.

blinking art galleries, their private pipe organs, their rose gardens, but when it comes down to the practical things that make home an inspiration and to bid comfort to a real family, give me an electric refrigerator."—Extract from "The Man who Knew Coolidge." (Sinclair Lewis.)

FASTING, if carried out judiciously, is a valuable treatment for certain ailments, but if overdone it can be the cause of much illness and suffering. Unless under medical supervision one should never fast longer than a couple of days. When feeling out of sorts, it is a good plan to spend Sunday in bed and do without food entirely, save for a cup or two of weak tea. This gives the heart a rest and the system a chance to discharge the impurities in the blood.

SHORT linen sleeveless cardigans, with pockets at each side, are having a great vogue during the English tennis season. They can be had in all sorts of dainty colourings and are quite inexpensive as well as being smart. Soft shades of primrose yellow or periwinkle blue, worn with a white tennis frock look most attractive.

A "SAFETY FIRST" idea adopted by some anxious mothers in a busy country town, is to send their children to school wearing brilliant scarlet berets or caps, so that motorists can see them from a long way off. It is claimed that many accidents have been averted in this way.

THE following printed notice was found hanging on the bathroom wall of a country hotel:

*Just rub yourself inside the bath till you are nearly dry,
If you, your decent fellow men would not unduly try,
The thing that everybody hates, old, young, tall, thin or fat,
Is putting their bare feet upon a sopping rubber mat.*

What an excellent idea for many hotels and boarding-houses in our own capital city!

SHOULD a man wait for a woman to bow before he takes off his hat is a question that has perplexed many male friends. In his book "Good Manners and Bad," Hugh Scott gives a ruling on the matter. The lady bows first," he says, but he admits that this is not a good arrangement, and adds: "Fortunately, in practice, the rule is not interpreted too strictly, and sensible men do not hesitate in spite of it, when sufficiently sure of their ground, to make the first advance." So now you know.

A CROWDED road, a driver who 'cut in,' turned round and cursed all women drivers, having nearly crammed me into the ditch, and a burst tyre, were the real reasons why I took up flying," said a girl member of an English flying club recently. We all feel like that at times, but if we all acted on impulse, and went up aloft it would not take long before the word "air hog" would be vibrating through the ether.

—ALISON.

Prize Poem Competition

THE prize of half a guinea this week is awarded to "John Storm" for dignified, musically flowing lines on a loss still fresh in our minds. Ships that pass in the night, going backward and forward on the shining waters as we wave our Hail and Farewell, ever prove inspiration to dreamer and poet, and even to the least imaginative among us appear imbued with the spirit of the humanity that has trodden their planks; so we feel sure "Requiescat" will appeal to many of those who felt a pang of regret when they realised that the Tahiti had gone on her last voyage. It is reproduced with a story of the last tours of the "Tahiti" on page 25. Also selected for commendation is "Oh Mack's" love poem, and some arresting work by F.J., who woos the Comic Spirit in unusual, but too lengthy, metrical form.

"Adrienne" knocks the jingle of "Sing a song of sixpence" into the metaphorical cocked hat.

"Bushey": The Peaceful Pastoral is rather sweet, but standard not to our requirements.

A.W.A.: Your poem is by no means "a poor thing," both subject and treatment appealing to us. We hope to see more of your work.

"Olaf": We expect thrill in a Viking Saga, but yours might be a Berham-pore Ballad!

"Dorothy" and "Wild Rose" both send small sweet songlets. Their youthful pluck in going on trying is admirable.

"Philomel" ranges the world from China to Peru in search of the divine fire, but fails to find it.

"Lorenzo" assuredly might echo Browning's del Sarto:

"But all the power, the insight and the stretch,
Out of me, out of me!"

"Orpheus": It would seem as though literary expression were not your metier.

"Tatarepo" is a drowsy musing with a certain grace of diction, in fact a little too drowsy.

"Admirals All": A Cautionary Tale from which we judge the writer to be.

House Planning

Mistakes to Avoid

A LOVER OF BEAUTIFUL HOMES writes to me as follows:—

Dear Alison,—References in your interesting and chatty column two weeks ago to the delight of planning and replanning one's home prompt me to write something of my experiences in the hope that they may prove of value to others. I suppose I am only one of thousands of women who create their own homes both mentally and on paper. This home, when on paper, appears so good that straightway it becomes a substance. I have built the same house three times in different suburbs and still there are mistakes. A home designer is naturally conceited, but let me give you a word of advice, even if you are sure everything is perfect and that it is now unnecessary expense to have an architect—still have one.

"Even after the third time of building the same house (I sound unoriginal, but it's only because the design has always got the better of me.) I still discover these mistakes, which somehow with the more striking faults before did not make themselves so noticeable.

"For instance, as regards a safe. Unless we are wealthy and can afford our refrigerator (which really is a necessity for my next house) we must build a suitable safe. There is no reason why it shouldn't reach from ceiling to floor—with a door to every two shelves; entirely shutting off the other part. By this means our milk,

butter, meat, stewed fruit, custards, and ham can all be kept absolutely separate.

"Fireplaces are an important item. I have sacrificed heat for design, but this could have been overcome in these big old-fashioned brick fireplaces, by having the back slanting forward so the heat is thrown into the room instead of what I have let it do—go up the chimney. Yes, your bricklayer should know, but he follows your designs to perfection!

"If you are building in brick, which I have done, be careful to profit by this mistake of mine. Specify 'sharp, fresh-water sand,' and have this analysed from time to time to see that no percentage of salt is showing. If salt is in the sand your walls at the first sign of fog or rain will show dampness. The action is the same as the moisture that shows on a salt cellar when wet weather comes.

To save double the expense later, I advise you to have hot points in every room. You'll find that they are absolutely indispensable. However, be sure to specify 'flush switches,' because if you don't, your electrician will have to put an unsightly plug twelve inches above the floor, and to have this on your wallpaper quite spoils the effect in your room. The reason for this is in the following regulation:—Heating Points: No socket or switch shall be mounted on skirting board or within 12 inches above a floor, unless it is of the flush type.

"There are not enough people yet improving their homes by using this flush switch. It is so artistic, and is well worth the little extra original expense.

"There is one more point and that is the position of wardrobes. Mentally furnish your rooms before building in the wardrobe, for nine times out of ten you'll find you've built it in the

A Waterless Cooker

AN appreciative reader describes a new type of waterless cooker. She says: I have just returned from the country, where there is no electricity and everything has to be done in a primitive fashion. However, these friends of mine, during my stay received from Sydney a waterless cooker which they had ordered. This enables them now to cook for a large family on one primus stove. This wonderful utensil comprises three compartments. The largest one is placed at the bottom, in which your joints, poultry, and stews may be placed in the ordinary way, using the usual amount of dripping, and with it any vegetable to be roasted. In this bottom compartment is also an aluminium plate with ridges which acts as an automatic stirrer, and prevents the meat from sticking or burning. The great advantage of cooking meat this way is there is no nourishment or weight lost. It tastes just like meat cooked in a Maori oven—and you'll never forget how delicious that is if you have ever tasted it.

In the middle compartment vegetables for boiling are placed dry, and without salt. At the bottom are perforated holes, through which the steam rises. In this compartment is also a stand which covers the vegetables. Three moulds can be placed on this stand, and steam puddings, stewed fruit, custards, and milk puddings are placed. Then there is a lid which covers everything.

Everything is fool proof, and even a child could make cakes in it. The great advantage is that nothing ever burns, and even if the dinner was put on early in the morning on a low gas jet, or electric hot plate nothing would be overdone. Think also of the saving of heating cost.

most valuable corner for the placing of your other furniture.

"By the way, I didn't mention position of lights. Side or bracket lights are invaluable, but do not leave your lighting to these alone—be sure to have a central light, too, for even distribution over the whole room.

"Before moving into your home I would advise you to have the electric floor polisher and stainer sent up first. To have all the marks, rough parts taken off, and a most beautiful smooth finish put on your picked wood floors, thus turning your home into a mansion.

"Trusting these few points may be of use to you. They would have saved me pounds if I had only thought before. With best wishes to all home-builders."

This is a useful letter. Perhaps other readers could record points they have learned from that most delightful experience, planning a home.—ALISON.

ARE YOU A SMOKER?

Thousands of smokers are to-day only half alive and don't know it! They find it hard to concentrate and easily fall a prey to disease that robs them of their vital powers—all as a result of the deadly effects of Nicotine Poisoning. Why continue to neglect your nerves and wreck your health, your greatest asset? Write to-day for wonderful FREE Book on the dangers of Tobacco. It will astonish you.

HOME WELFARE PTY.,
36.R. Hunter Street, Wellington.

I HAVE read the play "Journey's End." I have been enthralled by its presentation on the legitimate stage, and recently I visited the Regent Theatre in Wellington to see the film production of Mr. Sherriff's remarkable and moving story of life in the trenches during the Great War, with its terrible concomitants of mud, physical exhaustion, privation, and hardship that would seem incredible were it not that our sons and brothers lived and died amid just such conditions.

The picture is a fine and artistic rendering by an excellent British cast. Here is no war mongering; just a tale of men, some of them little more than boys, gallantly doing their duty and "sticking it out," if need be, to the end. Nothing is extenuated, and certainly nought set down in malice by "Bob" Sherriff, much of the original play having been compiled from letters he wrote home to his mother when he himself was in the fighting zone. Here, one imagined, was something to make youthful even the loud ebullience of youth in this year of our Lord, and raise in older hearts reminiscent and sorrowful pride in the valour of our race. How did it affect that huge audience? It proved itself, in its own colloquial phrase, to be "tickled to death."

After preliminary and audible chatting, much fidgeting and rustling, through the rousing music of old fighting tunes of more than a decade ago,



there was a contented settling down to what obviously was regarded as an evening's hilarity. It is true that in the play the comedy is excellent; but it is merely a foil to the stark tragedy of that dreary dugout, so near to the enemy line, with its darkly etched background of ominous sky flecked with crimson vapour, as an occasional shell shrieks its way through the deadly quiet.

Here men move before us in cheery disregard of the horrible conditions; Raleigh, fresh from the playing ground of school; the beloved Osborne; officer and cockney; with their magnificent bluff and gaiety in the face of imminent extinction. How was it all received? The drollery of Mason and the inimitable Trotter was welcomed with shrieks of delight—I say it advisedly—the yelps and roars of mirth being obviously checked with difficulty, and not always with success, when tense moments came that not even that particu-

lar audience could altogether ignore. I do not often visit picture theatres, and found myself wondering if the habitués thereof forget days and weeks and months when "we who are left" watched and waited for news of just such men as are depicted in the film, men who went through just such a hell in orders that others, "even as you and me," might live. Have they taught their children that lesson of epical self-

TRIOLET

When I'm alone—how could
you guess?—

I have two cups of tea. And
lay

The cloth two two. And I
confess

I dream you're there. How
could you guess

Your loving's caused such
deep distress?

I have two cups of tea, and
play

You're there with me. How
could you guess

Your place beside my own I
lay?

—Diana Seymour.

Telling You An Interesting Story about this tropical tree

The PAW PAW TREE, most prolific in Ceylon and Fiji, is cherished by the natives because of its digestive properties, the delicious flavour of its fruit, and because tough raw meat if wrapped in the leaves of the tree becomes tender within a few hours. Scientists have enabled us to separate the digestive properties of the PAW PAW fruit and incorporate them in PEPTOS, thus affording sufferers from indigestion, acidity, dyspepsia, and other derangements of the stomach the joys of immediate relief.



PAW PAW extract digests 200 times its own weight of starchy or other foods which cause fermentation, so that PEPTOS not only gives immediate relief from stomach disorders but actually digests the food causing the trouble. It has a general soothing effect on over-worked and jaded digestive organs, and thus prevents the development of more serious ailments. Do not, like many people, think that there is no real remedy for indigestion. One bottle of PEPTOS will prove that science dispels domestic fallacies. From all Chemists,

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WE GUARANTEE ITS QUALITY and EFFICIENCY

ly repressed spurts of laughter in and out of season made me gather together my hat, my gloves, and my opinions, halfway through the programme, and mumbling, like the elephant in the "Just-So" story, "This is too much for me!" I left them to it. I could not witness "Journey's End" in such a company.—H.V.L.

APROPOS of spelling, a young girl friend of mine became engaged to a young man who, though he had a fair education, was a most atrocious speller.

EVERYBODY in Fleet Street knows that horse-racing is immeasurably the most interesting topic to the generality of male Britons. At least nine out of every ten would rather read an article on Three-Year-Old Form by "Knowall of Newmarket" than anything by Bernard Shaw at his brilliant best.—A. P. Garland in "Time and Tide."

I was staying with the young lady for a few days. She told me her people did not think Jack half "cultured" enough for her, and she was in a great state because she had lost one of his letters, and did not want it to be found and Jack's spelling to be criticised. Then she burst out laughing, "Why, he called me a dear little 'angle' in it," she said. "But," I pointed out, "I know none of your people would be so mean as to read it if they did find it." "Oh, I'm not afraid of that," she said. "I'm afraid some outsider might pick it up and send it to the museum, and they'll see it there!"—Becky.

HOW many of us realise what a friend we have in ordinary putty? The time, for instance, that Tommy had a sharp nail in his boot sole we didn't notice it till he had gouged a hole in the most noticeable part of the new kitchen lino. Another time, when, through illness, father acted as cook, he dropped the heavy fork on the porcelain top of the electric range. It left a spot, minus enamel. These wireless cabinets, too, the wood is generally so soft and easily bruised. And the concrete floor of the back porch, there was a hole coming there. . . . A one-pound tin of putty (purchased at any hardware store) will rectify countless troubles other than those mentioned. I colour it any shade I wish with oil paint—a small tube of artists' oil colour in the required shade for anything special. For stained furniture I use walnut sapolin, and sometimes give a brush over with it when the putty is set in. Should the putty be too wet to use by the time it is dark enough, just put it on brown paper and leave a few days. The paper will absorb the surplus oil. Be sure to press the holes well full, excluding all air to make a good job.—Constance.

FAMA For Bathrooms, Lavatories,
Sink-tops, etc.

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Breakfast Dishes

IN PREPARING breakfast, we must remember to choose simple easy dishes, because the lady of the house has little time early in the morning. The following are suggestions for the easily prepared breakfast:—

Meat Pancakes

MAKE a pancake mixture in the usual way. Have some nicely flavoured mince quite hot in a saucepan. Spread on the pancakes as they are cooked; roll up, turning in the ends. Serve very hot.

Kidneys on Toast

Ingredients: Two sheep's kidneys, 1 egg, a little lemon juice, pepper and salt; a small piece of butter.

Method: Skin the kidneys and cut into three slices, then into small dice. Fry lightly in a little butter; add seasoning of lemon juice, also pepper and salt. Take off the fire and stir in the well beaten egg, and spread the mixture on neat pieces of buttered toast. Put for a few minutes into the oven, and serve very hot.

Tomato Cream Toast

Ingredients: $\frac{1}{2}$ lb. tomatoes, $\frac{1}{2}$ a cup of cream, 1 egg, pepper and salt.

Method: Put the tomatoes in a basin, and pour on boiling water; cover with a saucer, for a few minutes, and the skin will peel off easily. Then put them into a saucepan with salt and a little pepper, and stew for a few minutes. Add an egg, well beaten, with the $\frac{1}{2}$ cup of cream, and keep hot while making some rounds of toast. Spread the mixture on and serve at once.

Bacon and Broad Beans

Ingredients: Slice of bacon (cooked). Broad beans. Butter, sauce. Any slices of fried or boiled bacon will do.

COUNSEL for the COOK

By "ELECTRA"

Make a white sauce with butter, flour and milk, stock or water.

Method: Have the beans partly cooked. Put bacon, beans and sauce together, and cook till the beans are done, and the sauce has taken the flavouring of the bacon. Serve hot.

Potted Steak

Ingredients: 1 lb. of steak, $\frac{1}{4}$ teaspoon of cayenne, $\frac{1}{4}$ teaspoon of salt, $\frac{1}{2}$ lb. of butter, - teaspoon of mace, $\frac{1}{2}$ teaspoon of nutmeg, 2 teaspoons of anchovy paste.

Method: Cut steak free of any fat, put in a jar with all spices and butter; cover. Put jar in a pot half full of boiling water and simmer three hours; take off fire, pass steak through mincer twice and return to the gravy. Mix well; put in pots and when cold you have a delicious sandwich mixture.

Pineapple Pudding

Ingredients: One small tin of pines, thin slices of stale bread, sugar to taste, two or three eggs, $\frac{1}{2}$ pint of milk, lemon juice.

Method: Slice the pine apple thinly, and lay in a pie-dish in alternate layers with the bread soaked in syrup. Sprinkle sugar and lemon-juice between the layers. Beat up the yolk of the eggs, and pour these mixed with the milk over the layers. Bake one hour in a moderate oven. Whip

up whites stiffly with some sugar and place on the top. Set back in the oven to brown slightly.

Quick Sponge Pudding

Ingredients: $\frac{1}{2}$ lb. of flour, $\frac{1}{2}$ lb. of sugar, $\frac{1}{2}$ lb. of margarine, 2 eggs, essence of lemon, pinch of salt.

Method: Beat margarine and sugar to a cream, add yolks of eggs, well beaten, stir in flour and salt, and then add the whites of the egg whipped stiff. Half fill small greased cups and bake 20 minutes. Serve with wine sauce.

Sponge Lilies

Ingredients: 2 eggs, $\frac{1}{2}$ lb. of sugar, $\frac{1}{2}$ lb. of flour, $\frac{1}{2}$ teaspoon of baking powder.

Method: Mix and drop from a dessert-spoon on a buttered tin. Leave room for spreading. Roll up each round into a lily shape and fill the broad end with whipped cream. Put a bright yellow long-shaped sweet in for the spike and make the stalk of angelica.

Banana Salad

Ingredients: Peel and slice the bananas, and dust with castor sugar. Squeeze over the juice of sweet oranges and sprinkle with cocoanut. Serve with cream.

Orange Pudding

Ingredients: 2 oranges, 1 lemon, 3 oz. of suet, $\frac{1}{2}$ lb. of flour, $\frac{1}{2}$ lb. of treacle, 1 teaspoon of soda, 2 tablespoons of brown sugar.

Method: Grate the rind of the oranges and lemon and mix this with the sugar, suet, flour and soda. Heat the treacle, add the juice of the lemon and oranges. Mix well and boil for 3 hours in a well-buttered basin.

Seed Cake

Ingredients: 6 eggs, $\frac{1}{2}$ lb. of butter, $\frac{1}{2}$ lb. of flour, essence of lemon, pinch of salt, $\frac{1}{2}$ lb. of sugar, 1 tablespoon of

caraway seeds, 1 teaspoon of cream of tartar, $\frac{1}{2}$ teaspoon of baking soda.

Method: Cream the butter and sugar, beat the eggs and add them gradually with the lemon essence. Sift the flour with the cream of tartar and baking soda, and salt, and add to the mixture also caraway seeds; beat the mixture well. Bake one hour.

Almond Fingers

Ingredients: $\frac{1}{2}$ lb. of flour, $\frac{1}{2}$ lb. of butter, 2oz. castor sugar, 1 egg, 4 or 5 tablespoons of icing sugar.

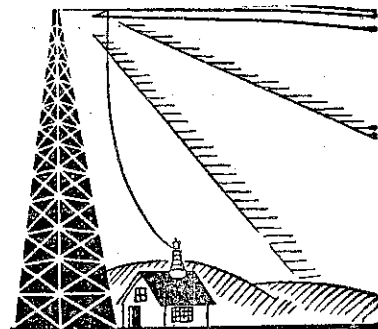
Method: Beat butter and castor sugar to a cream, add yolk of egg and beat well, then add flour. Mix with the hand, paste must be very stiff. Roll out thin. Add icing sugar to whipped white of egg. Spread on the paste, and sprinkle with chopped almonds. Cut into fingers, bake in moderate oven.

Cooking Hints

The eggs and sugar for a sponge cake will beat up quicker and lighter, if you stand the basin in a dish of hot water while you beat the mixture.

Boiled custard will not curdle if $\frac{1}{4}$ a teaspoon of cornflour is added to the beaten egg before mixing with the boiling milk.

To make corned beef very tasty when cold add a tablespoon of vinegar, a tablespoon of treacle, and a few cloves while cooking. Currants or other fruit that have been washed must dry thoroughly before adding them to a cake or pudding. Partially damp fruit will make any cake heavy.



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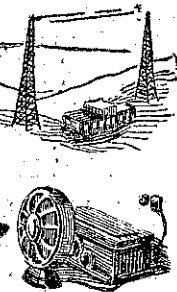
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A POWER of at least 110 k.w. will be used for Budapest's new broadcasting station. It is proposed to provide for any remaining “dead” areas by the use of 19 k.w. relay stations.

PORTUGAL, having no broadcasting stations to maintain, has generously decreed that its people may listen-in—to other countries—free of tax, provided their aerials do not cross roads and other public property.

A SPECIAL license to establish a 100-watt shortwave station has been granted to a prominent motion picture company in Hollywood. It is to be used for directing aeroplanes featuring in an aviation picture now in the course of production.

THE Paris central fire station is now in possession of a transmitting set which enables it to advise all fire stations in the neighbourhood of any dangerous fire, as well as the Prefecture of Police, in order that a force of police may be sent to the spot.

AS an example of the growing tendency toward an alliance of gramophone and radio interests, it is significant that the German Radio Exhibition, which takes place from August 22 to 31, will this year for the first time be held in connection with the Talking Machine and Record Exhibition.

AS a result of an official inquiry it has been established that there are 2228 schools in France provided with wireless sets, without counting private sets owned by the masters, which are often used for the benefit of the pupils. It is universally admitted that useful additional instruction can be given in an interesting manner by this means.

THIS year's National Radio Exhibition at London will commence on September 19. The introduction of demonstration rooms, which was the most successful innovation of last year's show, will be repeated. Demonstrations will also be permitted on the stands, with loudspeakers connected to a common output.

TO prevent digging up the streets over a considerable area, a frame radio aerial and an instrument resembling a portable wireless set are being used in London to locate underground water mains. When the aerial is directly above the pipe the instrument transmits a buzz which is heard by the operator through earphones.

NEW ZEALAND listeners whose entertainment is marred by electrical interference will be interested to learn that a device for locating the source of such disturbances has been per-

fect by two American engineers. The instrument has the appearance of an ordinary portable receiver, and includes an oscillograph which records the wave-form of the intruding signal. The inventors hope to supply an interference detector to every municipal authority in the United States.

TROUBLE has arisen in America concerning the inclusion of a statement in the census forms: “Have you a radio?” If radio sets are included, remark those protesting, why not pianos, vacuum-cleaners, washing-machines, and a number of other domestic appliances whose manufacturers would welcome statistics? It is understood that radio was piloted through the census mesh by influence not unconnected with the Radio Manufacturers' Association.

A SPECIAL de luxe trans-Continental train with every compartment, drawing-room and club car equipped with radio loudspeakers left New York recently with a contingent of executives of the electrical industry on their way to a convention in San Francisco. To ensure continuous entertainment during the trip a special receiving equipment and an extensive switchboard was installed and operated by an expert engineer. In addition to the radio apparatus an electric gramophone and complete supply of records was placed on the train.

RECENTLY an attempt was made to persuade the British Broadcasting Company to include talks on spiritualism in their programmes. Despite a definite refusal to accede to such a request, those interested are making a further endeavour, this time in connection with spiritual healing through organised prayer. It is alleged that a committee of distinguished physicians and surgeons “on the other side” has been active for some time past, and has decided on a plan of campaign for a general foning up of the health of humanity through stimulating prayer by wireless!

THE largest studio of the Budapest broadcasting station is reputed to be one of the most perfect in the world. The walls are of marble, with draperies which may be adjusted to suit any item of a programme with precision. The conductor's box has a triple glass front, making it absolutely soundproof. Thus he can conduct and watch his full orchestra, but can hear their performance only as a listener does—by means of a loud-speaker or headphones. The producer has a little office adjoining the conductor's box, and controls a signal-board in the studio which makes verbal instructions for the most part unnecessary.

VT4N