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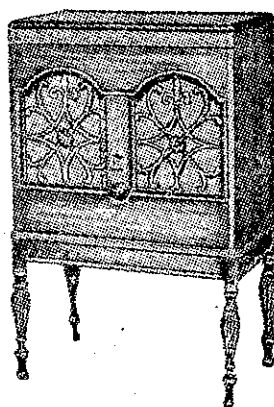
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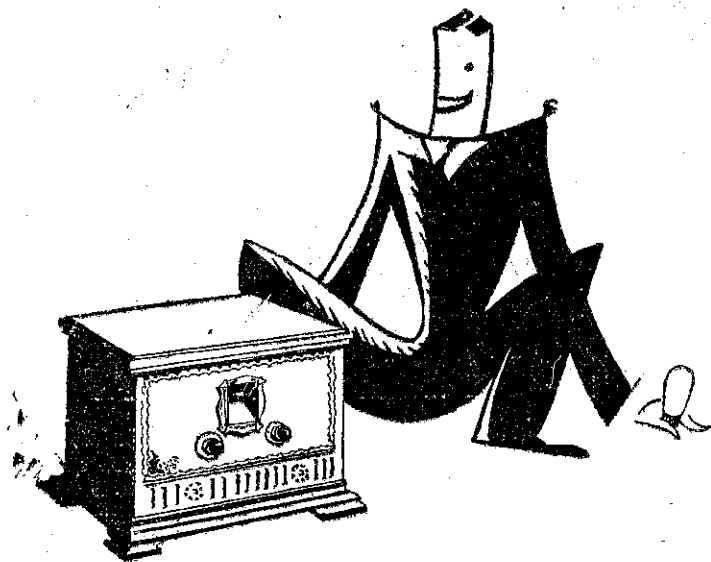
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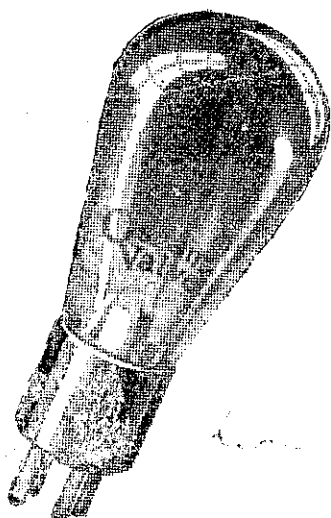
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THE British Postmaster-General has announced that the number of receiving licenses in force on March 31 last was approximately 3,093,000.

ducing church bell gramophone records by means of a pick-up. The parishioners certainly appear to be progressive for the church already possesses a radio-gramophone for reproducing organ music and special relayed sermons.

WILL ROGERS, the famous American comedian, has, it is understood, signed a contract to give fourteen Sunday evening radio talks for a fee of £14,400. This works out at about £70 a minute.

SO radio has entered yet another sphere! During recent motor-cycle combination reliability tests in England a number of the side-car passenger carried portable wireless sets for their entertainment during the race.

A SIGNIFICANT indication of the progress made in the wireless control of aircraft is afforded by the necessity for a new amendment to the Air Navigation Convention. The amendment provides that pilotless aircraft shall not fly over countries other than their own.

THE immense popularity of portable receivers in England during their present summer has prompted the postal authorities to appoint inspectors, who tour the countryside on motor-cycles and examine listeners' licenses. This is surely rather a heckling attitude to adopt, and one which is certain to result in much unfavourable comment.

THE total eclipse of the sun on October 22 of this year will afford an opportunity for interesting radio transmission tests in the Pacific Ocean. The line of totality passes through Suva (Fiji Islands) and Apia (Union Islands), both possessing wireless stations which will be used in the tests. Listeners will be interested to know that the observations are to be carried out by the Astronomical Society of New Zealand.

A PUBLIC radiotelephone service has been opened between France and Saigon (Cochin China), the fee being approximately £4/10/- for three minutes' conversation. Short-wave listeners may be interested to learn that the French transmitter and receiver are situated at Sainte Assise and Villecresnes respectively.

A MOVING-COIL loud-speaker is to be installed in the church tower of a small village in Cornwall, England. The church bells have not rung for thirty years, the cost of re-hanging having proved prohibitive, but the difficulty is now to be overcome by reproducing

A STRANGE STORY, revealing much ingenuity on the part of the plotters, is reported from the village of Hobelschwert, Silesia. Certain pupils in a secondary school there, being desirous to overhear the deliberations of their teachers concerning impending examinations, installed a microphone in the teachers' common room and led wires down a chimney to an amplifier. By an unfortunate coincidence the central heating system failed at the critical moment, and the stove was brought into commission, with disastrous results. The microphone was discovered and the students were expelled.

INCORPORATED in one of the latest blocks of flats to be built in London is a master radio receiver. This is intended to serve 200 flats, ranging in rent from £225 to £1000 a year. The main receiver consists of four valves in the master set itself, but there are 46 extra valves used for amplification purposes. Every drawing-room and kitchen is fitted with points, so that loudspeakers or headphones can be plugged in.

AN unusually large percentage of outside broadcasts figure in the German programmes. This is possible because the German postal authorities have designed a short-wave transmitting and receiving installation which is fitted up in a motor-car. The equipment came in very useful recently during an international long-distance cycle race. The car followed the entrants, and the commentator was able to broadcast an eye-witness account of the race. From the short-wave set the messages are picked up at a main broadcasting station, and relayed to listeners.

IT is reported from Philadelphia that a research engineer in the General Electric Company's laboratories has succeeded in generating an ultra-short radio wave which may be developed into what is popularly known as the "death ray." In fact, it is stated that the new transmitter could broadcast such short wave-lengths that people in the vicinity would have their blood temperatures raised. It is even possible to induce such a high fever in the human body that death results. However, it is thought that these new waves, if used with caution, will have a marked curative effect on certain diseases.



LADY SIDEY.
—S. P. Andrew, photo.

RADIO is the modern magic wand. It has changed the processes of thought, smashed down geographical barriers to communication, thrust the world into a whirlwind of new conjecture, until one is inspired to ponder—"What next?"

But apart from its mysterious character and some of its still half-hidden effects (for even yet the veil between the known and unknown in radio is but half drawn) it has brought untold benefit to humanity.

Lady Sidey, wife of Sir Thomas Sidey, says of radio: It is a splendid thing, particularly for boys. The average boy is interested in construction, and since the inception of wireless many a boy has been encouraged to build his own set, both for receiving and transmitting.

This hobby work develops their creative instinct, helps to cultivate a desire for study, and in many cases points the way to a definite course of life, viz., electrical engineering or radio telephony.

A DEEPER significance is given to this when these boys establish definite communication with boys of other countries, so widening not only their knowledge of the world beyond the confines of their own land, but also sponsoring the feeling of friendliness with peoples of other nations.

Surely this is creating an agency for bringing about the peace of the world.

Radio has meant a great deal to old people. In particular, those who cannot go to church or seek theatre diversion during the week. I have talked with many of these old people, who told me of the pleasure they received from reception of Sunday evening services and week-day broadcasts.

Many of these old folk would dearly like to go to entertainments, but as they cannot, radio enables them to sit by their firesides and thoroughly enjoy themselves.

I often wonder how many hundreds, nay, thousands of sufferers in hospital have experienced the beneficial spell of radio as they lie in bed, many of them unable to read.

From seven or eight o'clock at night, until those early hours in the morning, maybe, is very, very trying if one is not able to read books. Radio has helped them through the weary hours, and by diverting their attention eased their pain or helped them to forget it.

But how it has changed the lives of those in the country districts! Years ago, many people in the country were cut off for at least a week from the outside, relying upon the weekly batch of mail and newspapers. Now, their news services and entertainment outlets are as good as those in the city, almost, through radio.

The Human Side of Radio Broadcasting

PROGRAMMES over the air have a distinctly educative value, and I firmly believe that in a few years various scholastic courses will be transmitted over the air. Eurythmics and musical appreciation for children, lectures on the various philosophies for university students.

Lady Luke was in complete agreement with the viewpoint of Lady Sidey, and during the course of a talk with the "Radio Record" made a number of interesting observations:

About six years ago I was in England. One afternoon I went through the Upper Thames Valley district and was astonished at the hundreds of wireless aërials to be seen there. It occurred to me then what a wonderful thing radio was; how it had given the working people there an insight into a larger world, one quite outside their own little suburbia.

I felt that had it not been for radio, those people might have been submerged—hidden from the world outside.

I learned that they were very interested in speeches by prominent men and women politicians, and was not surprised, for some of the wireless talks given by Miss Wilkinson and Mr. Thomas, for example, were very good indeed.

My interest went so far as to prompt me to ask a number of questions to find the reasons for this popularity of radio among working people. When I was told that crystal sets could be purchased for a few shillings I was impressed with the significance of it all, not only because of its cheapness but because of its significance in widening the outlook of those whose viewpoint would otherwise suffer considerable restriction.

One feature of broadcasting which appeals to me is that every Sunday evening one may listen to services from places of worship differing in creed. To me that means not only a greater breadth of vision, but a consoling influence as well, since it brings to one the thoughts and ideas of others striving towards a common conclusion. In other words, it quickens human understanding.

Children's services are admirable. Quite apart from the entertainment side it has the beneficial influence of children in one town hearing of and listening to children of other towns; of their birthdays and their little misfortunes, so creating an interest in the lives and fortunes of other children. A really commendable service.

I really believe that radio is one of the most vital inventions evolved since the late war.

It has given thousands of people an interest in life, particularly those who are infirm—a somewhat difficult thing to accomplish with bedridden people.

In the "Mowai" Red Cross Hospital, Wellington, was a poor fellow suffering greatly from the effects of war. His head and body were held rigidly to repair some injury to his spine. It was almost impossible for him to read, and difficult to interest him. But a receiving set and loudspeaker were installed, and he was then able to talk freely with visitors concerning events of the day.



LADY LUKE.
—S. P. Andrew, photo.

Trade Notes

A NEW valve guide of 50 pages has been issued by Osram Valves. Besides containing all information any experimenter would wish, there are some valuable notes on the use of different valves. The booklet may be obtained free of charge from Osram dealers or direct from the B.G.E., 81-87 Taranaki Street, Wellington.

Broadcasting News

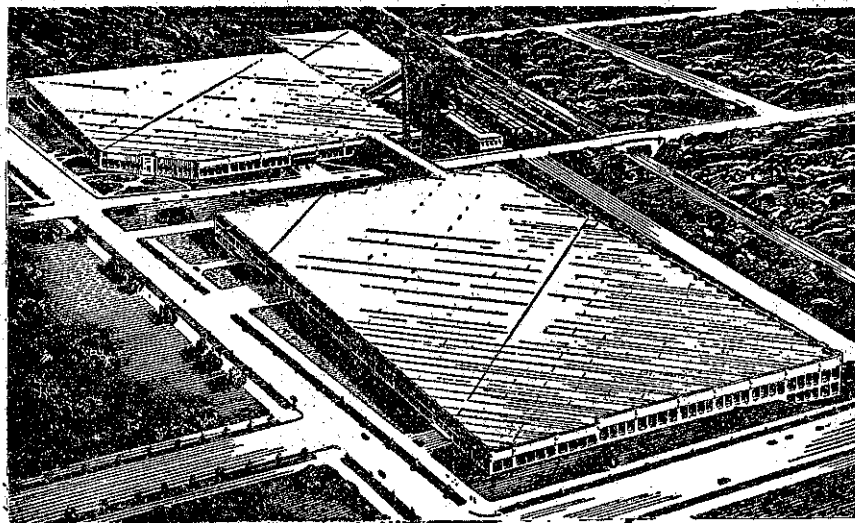
THE British Broadcasting Co. has announced that one of the results of the rapidly-improving technical conditions of broadcasting is the gradual rearrangement of orchestral work, necessarily involving reductions in the existing studio orchestras in provincial towns. It is stated that the Octet which took the place of the Glasgow Studio Orchestra has now been in existence for six months, with results which can be termed satisfactory. And consequently, in pursuance of its policy, the B.B.C. intends to replace the Midland Wireless Orchestra by an octet in the autumn of this year. "Popular Wireless" states that the B.B.C.'s decision has not been very warmly welcomed in the Midlands.

JUST when the New Zealand scientists are about to study static in relation to radio, the United States Bureau of Standards is also planning an extensive study of static and fading in radio. A Bill which has passed the Lower House, and is now in the Senate, provides for the purchase of a test site of more than 200 acres near Washington, and for the purchase, if necessary, of apparatus.

A LEADING London daily recently published a curious story about a salesman of wireless gear in Paris who was very annoyed by the disappearance of his wife and an employee with £1200 of his money. The dealer broadcast the fact by radio, and announced his intention of taking legal proceedings against the offenders. The guilty couple, on their way to a seaport, where they were going to take ship for America, heard the message and returned in a panic to Paris, where they were apprehended.

A PRIVATE company has been formed in Paris to erect the special buildings which will house the International Radio Exhibition to be opened on September 26. This will probably be the largest radio show ever held in France, as it will unite the rival trade interests which have held separate exhibitions in past years.

BROADCASTING station WLW, Cincinnati, is to have one of the largest organs in the world installed. The organ has been designed especially for broadcasting. Instead of the ordinary arrangement of pipes in the organ chamber, the pipes will be placed in the chamber in relation to their broadcasting properties, small pipes being placed at the front of the chest together with those of the larger pipes to which the microphone is least sensitive.



Aerial View of the World's Largest Radio Factory — Atwater Kent.

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Our New Zealand Composers

Further Biographical Notes



NEW ZEALAND Night, an evening devoted to the works of our own composers, has provoked a great deal of interest. It has been revealed that there is plenty of talent in New Zealand, and some of the compositions vie with the accredited works in excellence.

Last week were outlined the biographies of several of the composers. Further biographies follow this week.

Gordon McBeth, Pianist.

MR. GORDON MCBETH, although born in Wanganui, and, at the moment, resident there, is a great rover. Since taking up music under Mr. H. M. Lund, of Christchurch, who was his first teacher, and on whose advice his further study abroad was undertaken, he has studied music in Leipzig, Stuttgart, New York and London. His teachers have included Teichmüller (Leipzig), Max Pauer (Stuttgart), and Herbert Fry (Royal College of Music, London). Although a good soloist, Mr. McBeth is a particularly artistic accompanist, and played for John Dunn recently during the great violinist's visit to Wanganui, and from whom he received warmest congratulations.

The trio for piano, violin and 'cello, played by the Christchurch Broadcasting Trio, is not his most ambitious effort to date, as he has since written another much bigger one, in three movements. This may be broadcast on a future occasion. He has also written two attractive works for the piano only, and also several songs.

Although still on the sunny side of life, Mr. McBeth has already spent ten years in foreign parts, and has been round the world no less than five times. His compositions, therefore, should be broad in conception, at least.

Mrs. Alice Forrester.

MRS. ALICE FORRESTER was the first Bachelor of Music in either Australia or New Zealand, and was known as Miss Alice Rowley, daughter of Mr. Joseph Rowley, the leading solo flautist of the Christchurch Orchestral Society in the 80's and 90's. Her compositions comprise solos, song cycles and quintets. She has several patriotic songs to her credit. Most of her compositions have been set to the words of such well-known writers as Miss Jessie Mackay, Johannes Andersen, Arthur Adams, Eileen Duggan, and others. Her song, recitative and solo, "Search Me, O God," was sung by Miss Mary Taylor.

William Pember Reeves.

THE Hon. William Pember Reeves was the Agent-General in London for New Zealand for many years. He was the son of the late Hon. Wm. Reeves of the "Lyttelton Times" Company. He is a fine writer and has written much, including poetry. "The Passing of the Forest" was broadcast by Mr. Harold Shaw.

Arthur H. Adams, B.A.

MR. ARTHUR ADAMS is the well-known poet and journalist. He was educated at the Normal School

(Dunedin), Boys' High School (Christchurch) and Otago University. To his credit are: "Maoriland," "The Nazarene," "Tussock Land" (novel), "London Streets" (verse), and the Maori opera "Tapu."

Princess Te Rangī Pai.

TE RANGI PAI was the daughter of Colonel Porter and was well known in Christchurch in the 90's as Mrs. Howie. She had a delightful mezzo-

voice of his life in the Dominion. He is a prolific composer, and an imposing list of his works is already published. His style is of the "charming" variety, beautiful and pellucid, with a definite clear-cut "motif" as a foundation in all his work. Mr. Horne does not indulge either in the grotesque, enigmatical or tragic moods in his compositions, although in his "March of the Heroes," a mystic occult atmosphere—purporting to depict the march past

as played by the band of H.M. Coldstream Guards, and an excellent record of his Maori song, "Haere Tonu," were made. The latter has been splendidly recorded by voice and chorus. His "Ave Maria," sung by Mr. Harold Prescott, is said to be one of the best "Ave Marias" written.

In his position as Christchurch manager for the Bristol Piano Co. Ltd., Mr. Horne, of course, is always in the centre of musical activity in Christchurch, and for many years has been the president of the Christchurch Orchestral Society. He is also a prominent office-bearer in most other musical organisations in Christchurch.

Rosada Lawrence.

ROSADA LAWRENCE (Mrs. Horne) is a native of Auckland, and as Miss Daisy Parsons was a popular concert singer in Christchurch. Being the wife of such a successful composer, it would be remarkable if she, with her own gift of music, could refrain from composition. Although she has not yet written a great deal, what she has written possesses distinct merit and promise. "Achal by the Sea," her latest effort, which was sung by Mr. Harold Prescott, has a peculiar appeal and atmosphere. It creates the desire to hear more from the pen of Mrs. R. A. Horne.

This song appeared on practically every programme of Mr. Fraser Gange while on his successful concert tour in New Zealand two years ago, either as a programme number or encore, and he also recorded it in New York. "Achal by the Sea" was on the repertoire of Miss Edith Harry during that singer's recent New Zealand tour.

Mai Burnes-Loughnan.

ALTHOUGH a good pianiste and always passionately fond of music, particularly the classics, the idea of musical composition did not germinate with Mai Burnes-Loughnan until the Great War period, which was responsible for the discovery of much local talent, until then lying dormant. It apparently required, in some natures, the heroic atmosphere to bring it into being. The result, in Mai Burnes-Loughnan's case, was obviously a distinct gain to music, for she has since written several delightful songs, one of which, "Who Has Seen the Wind" was sung by Dame Clara Butt, who personally congratulated the composer after its performance. The great British contralto has sung it many times since. Two other songs of Mai Burnes-Loughnan's finding favour with good singers are "Ships that Pass in the Night" and "I Walked a Mile with Pleasure," both of which have been published. On the "New Zealand evening" "I Gave You a Gift" was sung by Mr. T. D. Williams.

The violin solo, "Souvenir," is not unknown to Christchurch musical folk, as while resident in Christchurch, Miss Paula Scherek was fond of playing it. Being a daughter of Benno Scherek, a musician of international repute and the first conductor the Christchurch Orchestral Society ever had, Miss Scherek's musical training and appreciation was of the order that would tolerate only the best.



THE BOHEMIAN DUO.

The Bohemian Duo is a very popular IYA combination, who appear this week.—Mr. and Mrs. W. Clinch.

—S. P. Andrew, photo.

contralto voice of liquid sweetness. She was a well-known public singer and toured New Zealand and Australia with the Rev. Charles Clark (lecturer). One of her songs, "Aroha," which has just been published by the Davy-Sharp Music Publishers, of Dunedin, was sung by Miss Mary Taylor, who also sang "Haere Haere Mai" by another Maori composer, Ka ti Kaura, whose name in private is Miss Ka Winiata, of Wanganui.

Mr. R. A. Horne.

ALTHOUGH not born in New Zealand, Mr. Horne is to all intents a New Zealander, having spent most

of an army of the glorious dead—is artistically but reverentially portrayed.

His entr'acte, "Jours Passes," one of the items on the "New Zealand Evening" programme and played by the Christchurch Orchestral Society, is very popular, and has been recorded by the Peerless Orchestra. This composition was frequently played by the Sheffield Choir Orchestra during its tour through New Zealand some years ago. "Corisande," another overture played by the full orchestra, has not yet been published, but has a peculiarly plaintive appeal in its main "motif."

Some months ago records of his "B.B. March" and "East and West March,"

The New Zealand Radio Record

—AND—

Electric Home Journal

(Incorporating the "Canterbury Radio Journal.")

P.O. BOX. 1032, WELLINGTON.

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

WELLINGTON, FRIDAY, JULY 4, 1930.

THE INVASION OF MECHANISED ART.

RADIO has loosened an avalanche. It has made possible the spread of entertainment, it has improved almost beyond recognition recorded music, it has made the moving picture a good substitute for the stage, and we are looking for the time when pictures will come to us over the air. These mechanical processes are reacting on "legitimate" art; they are changing it, but how, we are not yet in the position to judge. Only a few years ago one of the essentials of the aspirant to social success was the ability to entertain, musically or otherwise. Now the stage has changed and radio or its derivatives do all the entertaining. The reflection of this transition is not very difficult to imagine, and even now it is being made evident. There is a falling-off in the number of young ones who learn music. Few want to hear a very amateurish rendition of, say, "Minuet in G" when they can hear Kreisler or Heifetz play it with life-like realism. And who wants dance music from an accordion or from an untuned piano when Paul Whiteman or Jack Hylton can be persuaded to entertain? What must be the ultimate outcome of this? Surely music will become the practice of only the really talented, who will find scope in the broadcasting or recording studio. The amateur dramatist will no doubt move toward the broadcasting or talkie studio.

Then there is the invasion of the sound film, the talkie. It is bringing popular music so quickly that one no sooner gets used to one theme than another is upon him. The desire for change is characteristic of modern youth, and it seems that classical music will get less support than it deserves. One appreciates classical music either because he learns to or because it is inherent in him to do so. Radio and the electric gramophone give him the chance of hearing this traditional music well presented. But the popular outcry is for more popular, less highbrow fare. Inquire at a broadcasting studio, or better still, try and connect with it by telephone after an unusually prolonged classical programme that has meant the curtailment of the popular and see the trend of opinion. There is still an outcry for classical music; that is natural. Societies of musicians, disbanded by the talkies, are still fairly well treated. But what of the younger

generation brought up to the fare of screen vaudeville and their theme songs? Even the traditional stage is being swept away or popularised. Even the works of the immortal Shakespeare are being modernised. Radio and its attendant sciences is bringing into being new arts, it is altering the old ones; it is a process of evolution of which we are at an interesting and decisive era.

"HAWAIKI CALLING"

Maori Entertainment from 2YA

THE Wanganui Maori party who have, during the last two years, been welcome entertainers at 2YA, when they have featured the historical Radio Pageant of the Maori race, are at present rehearsing for another appearance at 2YA. On this occasion the entertainment will be entitled "Hawaiki Calling," or "A Dream of Maoriland." It is based on the famous legend of Hawaiki, the original home of the Maori.

The description and presentation of the long canoe voyage across the Pacific, one of the most wonderful feats of navigation ever attempted and accomplished by the aid of only the sun and stars will be particularly graphic. Without a magnetic compass, these old navigators steered by means of a calabash of water which reflected the stars of the heavens and enabled the crew to keep on their course.

Other sections of the entertainment will be descriptive of the landing in New Zealand and of the life and customs of the native pas. A Maori concert, which will introduce a number of songs not previously broadcast, will be a feature of the evening.

The programme will be rebroadcast by 3YA and 4YA, and the Australian stations have also been invited to carry out rebroadcasts.

There will be two presentations by 2YA, one on Tuesday, July 15, at 8 o'clock, and the second on Wednesday, July 16, at 11 o'clock for the express benefit of overseas listeners.

Wellington Chamber Music Players

To Broadcast From 2YA

LOVERS of good music, interpreted by first-class artists, are advised to listen-in to 2YA on July 8, when a relay of selections rendered by the Wellington Chamber Music Players will be carried out. Chamber music, which is probably the highest form of the art, is immensely popular in England, especially with radio listeners.

Unfortunately, it has been presented in New Zealand to a limited extent only, and consequently the musical public has been unable to conceive for this type of music the appreciation it deserves. However, several bands of talented artists have been formed in New Zealand for the express purpose of interpreting chamber music, and it should be a matter of time only before it becomes as popular in this country as it is in England to-day.

The Wellington Chamber Music Players comprise a number of musicians having in their ranks many of Wellington's leading artists, and their impending concert should be much appreciated.

Something of a novelty in the items presented will be a duet between Claude Tanner, 'cello, and Leon de Mauny, violin, which will be unaccompanied by the piano. They will render "Passacaglia" (Handel Halvorsen), a composition which has never been broadcast in New Zealand before.

A quartet, "The First Movement of the Piano Quartet in C Minor" (Strauss), will be presented by Evelyn de Mauny (piano), Leon de Mauny (violin), Frank Crowther (viola), and Claude Tanner ('cello).

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Musical Whimsicalities

Sparkling Comedy From 2YA

ON July 9 "Musical Whimsicalities," a delightful and original comedy play, will be presented by the Arcadian Musical Comedy Company. Wellington listeners will remember the latter as the talented band of players who produced "The Arcadians" from the Opera House recently.

The clever dialogue in "Musical Whimsicalities" is original, and is woven around well-known numbers from some of the most popular present-day musical comedies.

There are two scenes, the first of which depicts an evening in the home of a Mr. and Mrs. Pool, of Ngaho, a suburb of Wellington. Mrs. Pool wishes her better half to ring the theatre and book seats for the evening, but he, the typical husband, would rather stay home with his newspaper, pipe, and fireside armchair. However, the lady is adamant, and wearily hubby makes his way to the telephone and fulfils orders.

To occupy the time before leaving, Mr. Pool seats himself in front of the fire with the newspaper. Suddenly he is astounded to observe a figure materialising near him, a figure which takes the form of Father Time. He invites them both to visit Arcadia with him in his aeroplane, and they consent.

The second scene takes place in Arcadia, and the adventures and tangles into which the venturesome couple find themselves implicated provide an excellent scope for the witty dialogue characteristic of the play.

Nigger Minstrels From 2YA

THE numerous listeners who were so delighted with the old-time melody concert presented from 2YA a few weeks ago will be pleased to learn that a similar broadcast has been arranged for July 12. On this occasion, however, the entertainment will take the form of an old-time nigger minstrel show, complete with interlocutor, corner men, and liquid refreshments—in fact, with everything characteristic of this once universally popular type of entertainment.

The studio orchestra, the Lyric Quartet, and assisting artists will provide the music, choruses, and patter essential to the performance. Old-time plantation melodies will be revived—in fact, everything that will bring back treasured memories to those who knew "the good old days" will be there.

We are sorry to say that there will be one exception, however. The station engineer prohibits the watermelons, and is determined, if necessary, to search everybody for the "forbidden fruit" before allowing them to enter. He is more than a little afraid that the pips might find a temporary resting-place in the microphone. At present he is a little touchy over anything that might spoil reception of "Disgusted." (Vide recent Mail-bag columns.)

Rugby by Eye and Ear

Speakers at Athletic Park Rebroadcast First Test

BECAUSE of receivers and power amplifiers at Athletic Park, Wellington, on the occasion of the first Test, visitors were able to hear the broadcast of the first Test with Britain.

A deputation representing the Radio Section of the Electrical Federation waited upon the Rugby Union, and were successful in arranging for the installation of suitable loudspeakers at Athletic Park. It was decided that three Atwater Kent radio sets should be used, one being located close to the score board so that the scores could be posted within seconds of the actual happening in Dunedin, and the second at the northern corner of the north-west bank. For the grandstand patrons it was realised that something more powerful was necessary—the staff was comparatively shallow and very long, the seating capacity being 4800. Constructed entirely of concrete and steel, its acoustic properties were about as poor as possible. It was also desired to minimise the volume of sound reaching the actual playing area.

The rectified output of the anode

bend detector was led by means of resistance coupling to the public address amplifier.

This amplifier has three stages completely A.C. operated, the output valve being a 50-watt type specially designed for this amplifier.

THERE was a considerable amount of landline hum at times, but considering the nature of the landlines between Christchurch and Dunedin, the effort all round was good. It was much appreciated by the public at Athletic Park, who, though watching the Varsity-Marist game, proved by their instant appreciation of any test match happenings that they were listening as intently as they were watching.

Prior to and subsequent to the Test match, the crowd was treated to gramophone record renderings through a pick-up, and the amplifier, and these, not being subject to the little imperfections unavoidably associated with a long distance relayed broadcast, gave the public a truer indication of the capabilities of the whole installation.

Personal News

MR. HARRY LANGTON, leading tenor of the 1YA Broadcasting Choir, is shortly paying a visit to England. He leaves New Zealand on July 29. Mr. Langton is a Londoner.



Miss Molly Wright, 'celliste, of the Auckland Trio, has resigned her position, as she is soon to be married. She is engaged to Mr. H. Henderson, a young farmer.

Miss Maida Davidson, contralto, a member of the 1YA Broadcasting Choir, is also soon to be married. The choir intends to give her a choral wedding.

On Sunday, July 5, Uncle Bert will commence his duties as Uncle for the Sunday evening Children's Song Service at 1YA, although Uncle Leo will conduct his farewell session on Sunday, July 13. We take this opportunity of welcoming Uncle Bert into the Radio Family, and of wishing Uncle Leo "bon voyage" and a safe return to 1YA in 1931.

Tynwald Day

ON July 5, which, as all Manxmen know, is Tynwald Day, Mr. T. E. Corkill will speak from 2YA about the ancient Commemoration Day of the people of the Isle of Man. He will go on to tell of Tynwald itself—the legislative assembly which for about a thousand years has made the laws of that self-governing community.

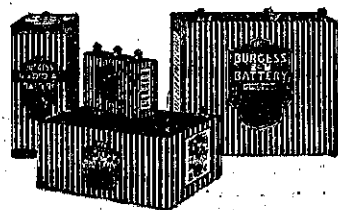
The musical portion of the hour's programme will consist almost entirely of Manx national music, selected from a wealth of folk songs and music, which, still remembered forty or fifty years ago by a few of the older people of the island, was recorded just in time to save it from being quite forgotten.

Several of these selections will be given from gramophone recordings of the choir of the London Manx Society. Others will be rendered by local vocalists.

Radio Listeners' Guide, 1930 Edition,

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182 Wakefield Street,
WELLINGTON.

Twixt Daylight and Dark

A Hymn for the Children's Hour

Uncle Ernest,
to whom the
Children's Ra-
dio Hymn is
dedicated.
—Andrew, photo

*BETWEEN the dark and the daylight,
When the night is beginning to lower,
Comes a pause in the day's occupations
That is known as the Children's Hour.
I hear in the chamber above me the patter
of little feet,
The sound of a door that is opened, and
voices soft and sweet.*

Uncle George,
who conducts
the 2YA Sun-
day Song Ser-
vice.
—Hollywood, photo.

ANY years ago Longfellow wrote the accompanying beautiful verse and called it the Children's Hour. And now, when the modern marvel, wireless, has given a definite form to this hour that the poet visualised, it is one of the most popular and anticipated hours of the whole day and each evening thousands of little ones listen to the special session that is provided for them. There is very much evidence to indicate that the older ones share the delight of the little ones.

One of the most popular sessions is the Sunday Song Service and all the uncles and assisting aunts have received most encouraging letters from their big radio families. Generally these sessions are conducted by one of the ministers in the broadcasting centres. Uncle George, Mr. George Carpenter, minister of the Church of Christ, is widely known as the officiating uncle at 2YA. He receives many letters of appreciation from expressing appreciation of the good work that is being performed during the children's sessions on Sunday evening.

A letter of appreciation comes from a circle of native children in Pirinoa, behind Featherston:—"Your scriptural lessons have considerably enhanced the knowledge of the younger folk. It is gratifying to think that some good is being done."

Words by "John Storm" (dedicated to Uncle Ernest).

Tune: "Hutt."

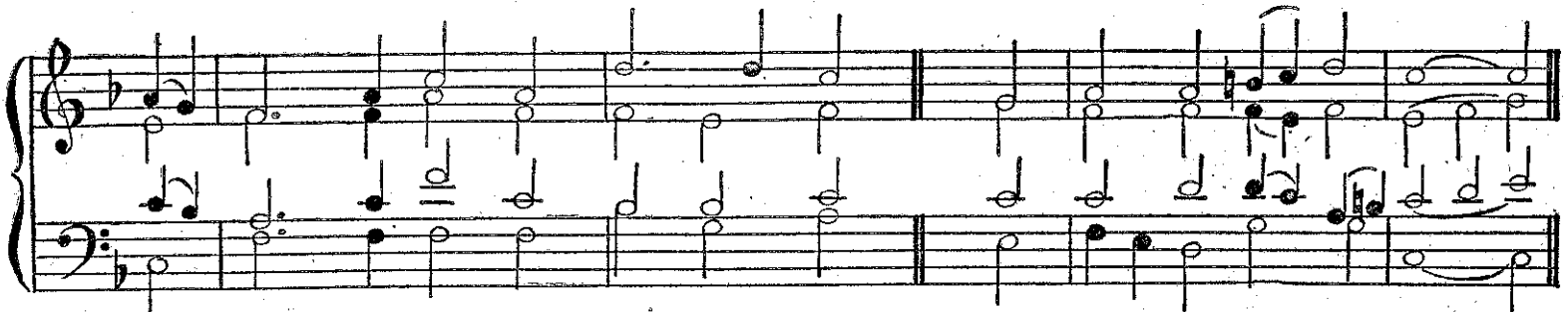
EACH week the "Radio Record" conducts a poem competition and for this one of the regular contributors writing under the nom-de-plume, "John Storm," sent in a verse that was admirably suited for the children's sessions. Uncle George thought it would make a good Sunday hymn and so he asked for a tune.

Over fifty were received and for some time it was difficult to decide the winning one, but there is no doubt that the simple, dignified air written by Mr. Claude Hayden, Mus. Bac., of Lower Hutt, merits the honour. Mr. Hayden is a teacher of music, well known in Wellington circles, and he is to be congratulated on his effort. The tune, which he calls "Hutt," is most suitable for Children's Choirs, and the singing of the hymn will prove a helpful addition to the Sunday Children's Hour. The tune will be the delight of the younger folks and it can be appreciated by the older ones for its masterly character. Both the author and the script writer have given to 2YA a note of distinction—a hymn that will characterise the Sunday Evening Song Service.

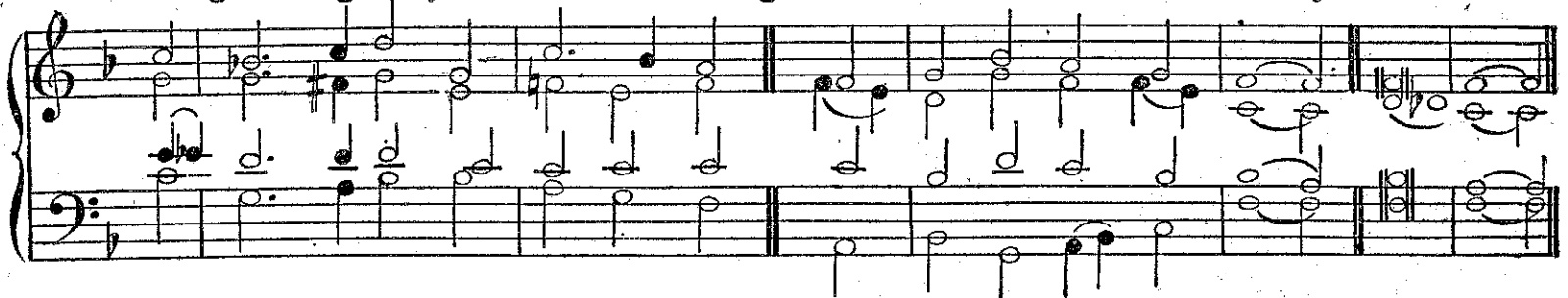
The tune and words are reproduced here and cannot be reprinted without the permission of Uncle George, of 2YA, from whom copies may be had for three-pence. The cost is only to cover the cost and postage.

Original Tune by Claude M. Hayden, Mus. Bac.

The earth is full of wond-rous things That greet us ev-ry where



The glow-ing sun, the bird that sings The flowers sweet and fair. A - MEN.



2. The mountains tall, the waving trees,
The rivers running by;
The countless wonders of the seas,
The glories of the sky.

2. Thou gavest these, O Lord, and more—
Thou gavest man a mind
The realm of science to explore,
And there new wonders find.

4. He found at length the power to speak
Across the land and sea.
So in our service, Lord, we seek,
To use this power for Thee.

5. That those who dwell beyond—away—
In earth's remotest place,
May listen as we sing and pray
Before Thy throne of grace.

6. To every listener—in this night,
Thy blessing, Lord, impart—
That all may worship Thee aright,
With simpleness of heart.



R. R. LESLIE JONES, of Lyall Bay, writes: Once again radio has played an important part in aviation, and the whole world was appraised of the latest news concerning the "Southern Cross" during the long night across the Atlantic.

When the transmission was first picked up, the wave-length was above W2XAF. The whirl of the propellers (or, to put it more correctly, the purr of the motors) of the "Southern Cross" were plainly heard at my house on short-wave Wednesday evening last. This noise (now familiar to listeners) was broken with the sending of CQ at intervals. The volume of the noise of the motors was about R6 to R7, as heard on my screened-grid receiver. There was a slight rise and fall in the volume, similar to that experienced previously when Kingsford Smith was in flight. The time was between 6.45 p.m. and 7.15 p.m. I held the "Southern Cross" signals for about 30 minutes. A message was picked up just before 7 p.m. the same evening saying that the latest news was to the effect that the giant monoplane was 55 miles east of Cape Race; that flames were round the propellers; the men were deaf; and being very drowsy found it hard to keep awake.

At a later hour a message was picked up stating that the "Southern Cross" had landed at Harbour Grace at a time equal to 10 p.m. New Zealand time—for petrol supplies. I tried W2XAF, also G5SW, for further news next morning, but did not hear anything about the monoplane, as it was evidently too soon, the "Southern Cross" not having arrived at that hour. It is strange, but London had had no later news at 7 p.m. Wednesday than had been received in Australia and New Zealand. Other messages were clearly heard from the "Southern Cross" at good volume. But, of course, "copy-right" material. The wireless operator was sending at a fair and steady pace whenever I heard him. Strength would be roughly R7 on 'phones.

Reception From the YA Stations.

THE rebroadcasts carried out by the YA stations were very successful—in fact, reception from the Auckland station was almost perfect. Though speech from the local was a little distorted at first, it soon cleared up considerably. A curious phenomenon was noticed in that fading in the transmis-

sion from the Auckland station appeared to be less in evidence than in that from 2YA.

"VERY nice morning here, beautiful sunshine," said the announcer from W2XAF (short-wave experimental station of the General Electric Company, New York) just before 7 o'clock Saturday morning at Schenectady, New York (10.30 p.m. Saturday in New Zealand).



MAJOR KINGSFORD SMITH.

It was the occasion of a special talk by Major Kingsford Smith, the world-famed airman, to his parents and others in Australia. The whole of the National Broadcasting Company's network of stations were linked together for the momentous occasion; and millions of listeners throughout the world heard the broadcast.

Mr. Martin T. Rice, general manager of the General Electric Company's Broadcasting Department, introduced Kingsford Smith to the huge unseen

audience, saying: "Over two months ago through the co-operation of VK2ME, Sydney (the experimental station of Amalgamated Wireless Australasia, Ltd.), W2XAF was privileged to carry the voice of Commander Byrd throughout America. To-day we have the pleasure of reciprocating by broadcasting the words of your hero Kingsford Smith. Smith is anxious to speak to his mother and father, and relatives in Australia."

"Kingsford Smith travelled 150 miles from New York this morning to speak to you," said Mr. Rice. "He travelled in his five-year-old Fokker plane to New York; he is now sending his voice back to you over 9000 miles." Major Kingsford Smith first spoke to Mr. Ulm, his partner, greeting him with: "Hullo, that's me, Charlie. I'm absolutely fine, old friend; everything wonderful; the old machine behaved itself as usual." Referring to the conditions for flying, Kingsford Smith continued: "It wasn't too good, Charlie. I think the old machine missed you, old chap."

Replying to a query from Ulm, Smith said, "In about a month's time, Charlie." In reply to another question as to how he was getting on in America, Kingsford Smith said, "Marvellous, Charlie, you can't imagine what these New Yorkers do."

The next person spoken to was Mrs. Kingsford Smith (the aviator's

mother). Kingsford Smith remarked, "There are no more oceans left to fly. Anyway, I'll have to give it up. I ought to be back about the middle of August. I'll manage it all right. . . . It's marvellous being able to hear you. It's as clear as talking on the local 'phone. I'm afraid I've caused a lot of consternation in our family. Think what a lot of fun it is. Give my love to Dad."

Greetings from Australia.

IN reply to further congratulations from Australia, Kingsford Smith said, "I'm glad you can't see my blushes. Thanks awfully—thank you very much indeed. . . . Hullo, Joe! How are you (speaking to another friend). I met more Callighans in Ireland than anywhere. Give my regards to all the bunch," said Smith.

Replying to a query about his return to Australia, Smith said, "About mid-August. The wedding bells shall ring. It'll be the last long flight—dual control." Speaking to his mother again later, Kingsford Smith remarked, "I want to get back for the wedding."

"I'm going to fly back from England," he continued. "I can get home quicker than by paying my boat fare."

There's an American lady here would like to have a word with you."

Miss Kate Bristoll then spoke to Mrs. Kingsford Smith, saying, "I congratulate you on your son. I suppose everyone in Australia is doing that? . . ."

You'll be anxious to see him again. He's evidently being idolised to death. He is the biggest lion that ever came over here. . . . Are you going to keep him home?" asked Miss Bristoll. "I see. You're not going to let him fly any more. I wish to congratulate you again. Good-bye, Mrs. Kingsford Smith."

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See next week's "Radio Record"



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ALL BRITISH.

NEW STOCK JUST IN.

The Radio People
F. J. W. Fear & Co.
63 WILLIS ST., WELLINGTON.

Phone 41-446.

LISTENERS are pleased with the "cure" applied to 2YA, Wellington, by Mr. J. M. Bingham, chief engineer for the Broadcasting Company. "Switch" understands that the trouble with 2YA was that it was transmitting all frequencies too faithfully, including the undesirables, which the modern radio set also reproduced. These "shadows," interesting as they may be to the scientific minded, badly mutilated speech and music from 2YA. The cure applied by Mr. Bingham was the installation of a low-pass filter which cut off the undesirable frequencies. The improvement in reception was, of course, immediately evident. The unwanted frequencies could not be heard at a range of 50 miles from Wellington, now they are silenced completely.

WHILE on the subject of frequencies, it is of interest to note that Maurice J. Grainger, radio expert, formerly of the Westinghouse Electric and Manufacturing Company, and the United States Navy, states that the normal human ear does not respond to sound waves below 40 nor above 10,000 vibrations per second. The longer the wavelength the fewer vibrations there are per second, and in this connection it is worth mentioning that a radio wavelength of 20,000 metres has 15,000 vibrations per second.

THE latest returns from Australia show that the total number of radio licenses in force for the whole of the Commonwealth is 310,783. Despite bad times across the Tasman each State shows an increase in the number of licenses during May. The increases are: New South Wales, 1426; Victoria, 136; Queensland, 321; South Australia, 195; Western Australia, 389; Tasmania, 94. This makes a total increase, during May, of 2561 licenses.

JUST how many New Zealanders got out of bed at 5 a.m. to listen recently to "Plum" Warner describing from England the play in the first Test match at Nottingham, relayed by 2BL, Sydney, to the A class stations in Australia? Many friends telephoned "Switch" to learn what "Plum" Warner had said about the play, but owing to the inconvenience of the hour, 2BL wasted its sweetness on the desert air so far as "Switch" was concerned.

THE interesting "frequency tests" conducted at 2YA, Wellington, by Mr. J. M. Bingham were responsible for much discussion among Wellington listeners. "Switch" was surprised at the number of listeners who did not grasp the point mentioned by Mr. Bingham, that the higher frequencies, 7500 and 10,000 per second, were given merely because they are components of notes produced by various musical instruments, and only components, as no musical instrument produces those frequencies as a fundamental note.

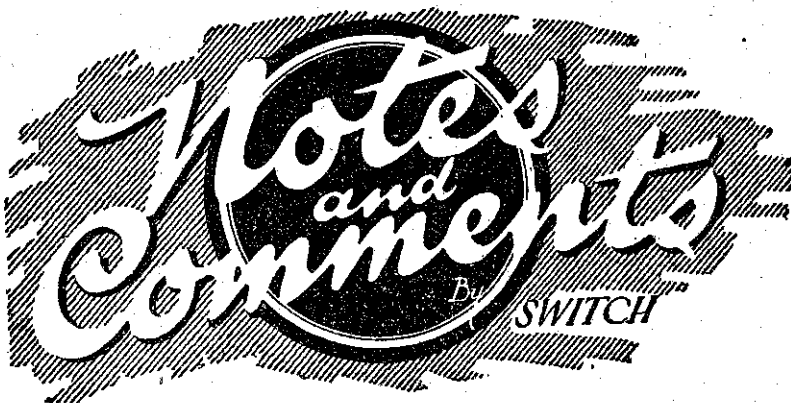
AMATEUR RADIO SOCIETY OF WELLINGTON.

THE Monthly General Meeting of the Society will be held in the Cambridge Terrace Congregational Church Hall on Tuesday, July 8, at 8 p.m.

The Loftin-White Amplifier, in conjunction with the Induction Dynamic Speaker, will be demonstrated by Messrs. Fear and Ralph.

All interested in the perfect combination of this remarkable amplifier and re-producer are cordially invited to be present.

J. K. HOOKER, Hon. Secretary.



"SWITCH" has heard much praise of the singing from 2YA, Wellington, by Miss Jessie Shmith, the Melbourne vocalist. Besides being an experienced and thoroughly cultured singer, she is equipped with a voice which broadcasts with all its richness in tonal colour. Here is a singer among thousands, and her vocal ability has earned Miss Shmith many engagements to

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	10
4QG, Brisbane	8
3AR, Melbourne	7
3LO, Melbourne	8
2GB, Sydney	6½
2UE, Sydney	5
7ZL, Hobart	3½
3UZ, Melbourne	3
3DB, Melbourne	4
5CL, Adelaide	2
2KY, Sydney	1½

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

broadcast in Melbourne. Her visit to the New Zealand studios is indeed very welcome.

THERE are many people who, owing to a peculiarity of their hearing, are quite unable to hear frequencies above 8000 per second, and the lowest audible note heard by Europeans has a frequency of 16 per second. Yet Japanese can hear earthquake subterranean sounds of a much lower pitch than 16 per second. Europeans in Japan have been surprised at this faculty of the Japs.

"SWITCH" has heard over thirty stations bid "good-night" to their listeners during the past week, but the "honours" go to 2BL, Sydney, for the most incongruous. The announcer at 2BL called, "Give yourself a smack on the back and go to bed. Good-night!" This may be regarded as "smart," but "Switch" thinks that it sounds "cheap." "Pa" Cochrane, announcer at 2FC, Sydney, after calling "Good-night" generally adds a friendly "Sleep well," which "Switch" prefers to any that he has heard.

THE British Broadcasting Corporation, with an annual revenue of £1,200,000, is unable to please its legion of listeners. Yet it employs all the possible talent obtainable in England—the greatest in every field. As one journal puts it "The reason why the B.B.C. cannot give general satisfaction is simply because public opinion is not cast in one mould." It is the same the world over.

ONE of the minor North Island broadcast stations which is heard in Wellington, day and night, seems to operate on a different wave-length in the daytime from that at night. The station, which operates on a long wave-length, is heard twice as loud in daylight as compared with its night-time transmission.

SIR HARRY LAUDER, who has left so many friends in New Zealand, and who persisted in a rooted objection to broadcasting in other days, again overcame his scruples and sang before the microphone. This time it was at CKY, Winnipeg, Canada, and his voice was relayed by 45 U.S.A. stations, and three Canadian stations. For this Sir Harry received £1800. He sang three songs, and his "turn" worked out at £200 a minute. And yet some listeners grumbled because Sir Harry could not be induced to broadcast in New Zealand.

THE comic gentleman who addresses the crowd in the Ashfield Town Hall, Sydney, on the occasion of community singing nights which are broad-

cast, manages to keep his audience in almost continuous laughter. The other evening he said he was travelling in a train on a very cold day, and to warm himself he took a drink from a flask of whiskey. An old man, the only other occupant of the carriage, exclaimed, "I'm sixty years of age, and I've never let a drop of liquor pass through my lips." "Don't worry yourself," retorted the other. "You're not going to start now," and he took another drink from the flask.

RADIO again played an interesting and invaluable role during the recent flight of the Southern Cross across the Atlantic. The whole world listened breathlessly for news of Kingsford Smith and his intrepid companions, and it was radio upon which they relied for the latest information.

WHAT, indeed, has become of the proposed change of wavelength of 4YA, Dunedin? Some time ago 4YA tested extensively on a much shorter wavelength than that of 3YA, Christchurch, and the Dunedin station came in at Wellington with tremendous volume. What is the P. and T. Department doing about it? A friend who recently visited Dunedin informs "Switch" that 4YA, Dunedin, is badly handicapped through the unavoidable shortness of its aerial, and a loading coil is used in series with it to get the station's transmission up to the listed wavelength.

SENIA CHOSTIAKOFF, who was a member of the Don Cossacks' Choir which toured New Zealand some time ago, has been heard lately broadcasting from 2BL, Sydney. He is considered to possess one of the finest falsetto voices in the world.

HERE is a radical change. In Germany experiments have proved that better results are obtained from non-metallic aerial masts at broadcast stations. As a result of the experiments for the new German high-power station wooden masts only are to be used.

LAST on the Market! FIRST in Performance!

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277 DURHAM STREET, CHRISTCHURCH.

Wanted! A Sacred Sunday.

WHY do we have to endure secular programmes on the Sundays? There is time for the kind of music we are getting on Sunday afternoons, and is it necessary to fill its hours with week-day programmes? Why can't we have more sacred music on Sundays? I am sure that several other listeners feel the same way.—"Unsatisfied" (Motueka).

A Well-appreciated Entertainer.

I AM writing in appreciation of the consistent excellence of the entertainments provided by Mr. Victor S. Lloyd, both in conjunction with his company, and in the relating of his "experiences." I submit the following suggestion in the hope that it may meet with approval:

I suggest that Mr. Lloyd and Company give us a good English winter evening "party" some night. The scene could be the drawing-room of a big country residence—preferably in the South of England—and "guests" could include a sufficient number of musicians to provide musical numbers, e.g., the Haddock-Dixon-Chapman Trio.

I feel sure that an evening of this kind, under Mr. Lloyd's direction, in conjunction with a good blazing log and a July "southerly," would be appreciated by many listeners. Will someone, please, second the motion?—"Zedder" (Masterton).

WE appreciate 2YA's programmes and particularly Mr. Lloyd's plays, which are enjoyed by my husband and myself. "Kelburn" certainly heads the growlers' band, and seems loathe with a word of appreciation. Contrary to him, we always switch in to 2YA to get Mr. Announcer's distinctive "Good-night" if, having been out, arrive home before closing down time. We have friends here, and far north and south, who do likewise. Wishing all 2YA artists best of luck and continuation of our popular announcer's Gooood-night.—"Carry On" (Otaki).

A Little Humour Now and Then.

WE have nothing to complain about here as regards mushiness or fading from 2YA or any of the Southern stations, in fact the tuning of 2YA is perfect, both 4QG and 2FC coming through without a trace of the Wellington station being in evidence. A slight mushiness lasting about five seconds during the news service was all I found during half an hour's close attention after reading the letters from listeners in the less fortunate districts.

1YA is the worst we get here, which is a pity, as the items are well chosen. It is perfectly hopeless to follow the plays without strain. It used to be all right formerly. 3YA I can find no fault with I'm afraid, and would say the same of 4YA, if the manager would only station someone at the door of the studio to refuse admittance to more than one piper at a time. A pipe band with drums complete does not broadcast at all well, whereas a single piper close to the microphone is worth listening to on all occasions.

Now for the inevitable complaint! I've glanced through the programmes of all the stations in your issue of June 13, and among the four or five hundred items of vocal entertainment, I find two humorous songs, sung by our good friend Mr. Jock Lockhart, on Saturday evening, from 3YA!

What have we done? In the present state of the wool, butter and railway

Our Mail Bag

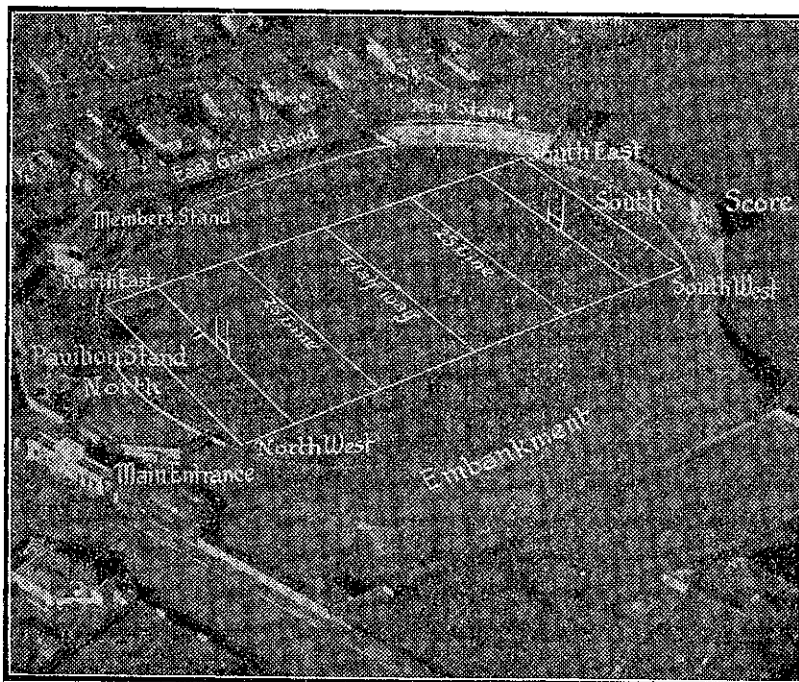
While we welcome the expressed views of listeners on topics pertaining to radio, we ask that these communications be kept to minimum length, as heavy demands are made upon space. Mere reiteration of arguments cannot be accepted for publication, and we cannot take responsibility for views expressed. Address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

industries, do we not want some cheering up? Are we only allowed a Harry Lauder record in the afternoons? I consider that at least 10 per cent. of the programmes should contain a dash of humour in the shape of comic songs or patter as a variation to the rather sentimental, though delightfully rendered, stuff of which "surfeiting my appetite has sickened and so died." If the sta-

crystal sets a chance to hear those matches.—W.P. (Whangarei.)

[The arrangement with the N.Z. Rugby Union was that the local station 2YA would broadcast each Test match. —Editor.]

RE the first Test match in Dunedin on Saturday, June 21. The Broad-



An aerial view of Lancaster Park, Christchurch, where the second Test match will be played this Saturday.

—Photo by courtesy "N.Z. Newspapers, Ltd."

tions can't readily find a comedian at all hours, they can at least rope in a record. I do not include the "dance" programmes in my remarks. You may have the "Ten Byck Whispers," or "The Hotsy Totsy Gang," and their kindred from 10 to 11 p.m. every night in the week if you like. I'm on to Australia!—G.F. (Ohura.)

Broadcasting of Test Matches.

IN the Northland the reception from Wellington in the afternoon is very weak, although it is very good at night. I tried hard to follow the Test last Saturday, but was unable to do so. My proposal is that all Test matches be relayed by all four YA stations, and so give the people who own small sets and

casting Company is not to be congratulated on its choice of an announcer. The gentleman's friends on the grandstand interested him more than the game. We of the back-blocks, with no chance of seeing any of the big games, hope that the future Tests will be conducted by an announcer with more interest in football, or, perhaps, fewer friends in evidence.—"Maroro" (Matawai).

Another Theory.

I HAVE been interested in the correspondence in the "Record" with reference to the "mushiness" of 2YA, and particularly in the various theories and reasons for such, as given by your correspondents.

May I please add another theory which I think accounts for the fact that the reception is good during the day and becomes distorted and "wheezy" at night. I think it is due to the close proximity of 5CL, Adelaide, which station at this season comes in pretty well. Is it not likely that the "side bands" from each station clash and cause a whistle and wheeze in the reception of either station?—E. J. Rea (Papakura.)

SOME time ago complaints appeared regarding mushiness from 2YA. Gisborne suffered in silence. We were glad to see the mushiness disappear, but now we have fresh grounds for discontent. Why the hum from 2YA? It is worse than 4QG, and nearly as bad as 2HD. On Sunday night we could not listen to St. Paul's Cathedral. On Monday night the hum somewhat spoiled "The House of Disappearance." On Tuesday night it was not quite so bad but it spoiled the programme. To-night during the dinner session the hum was accompanied by a ring somewhat akin to a hetrodyne. I did not dare tune in to 2YA at eight o'clock. Please do something to eradicate this interference, because "howlers" murder the other stations so that more than half the time they are not worth listening to. Re the nasty attack on Mr. Drummond. I must apologise for my fellow-listeners that there is one among us who has insulted a gentleman and I trust that that person will some day regret his or her uncalled-for action. Carry on, Mr. Drummond! We are all sorry there is a black sheep in the radio listeners circle.—L.L. (Gisborne).

[Trade names of receivers cannot be accepted as noms de plume.—Ed.]

More Good-Nights.

I NOTICE objection taken to 2YA's announcer's "Gooood-night," which we and all my listeners think really splendid. We trust that on no account will any notice be taken to make him change it. We think this is quite novel. It is eagerly looked forward to each night.—"Gooood Night" (Hikurangi).

TO say that we are disgusted with "Kelburn's" remarks re the announcer's good-night, is putting it mild. I am sure the popular announcer of 2YA does not wish to jar or pain anyone, and if "Kelburn's" nerves are in such a weak state that they cannot stand the strain caused by the gooood-night, he may be benefited by a few weeks' treatment at Hammer Springs. To us and many other listeners of my acquaintance it is a pleasure to hear Mr. Announcer's cheerful good-night.—"Disgusted" (Stratford).

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 perves 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.

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701-4057, N542

Feature Peeps at Future Programmes

SUNDAY

From 1YA.

DIVINE service will be relayed from St. Matthew's Church, the preacher being the Rev. C. H. Grant-Cowan and the organist and choirmaster Mr. J. Philpott. This will be followed by a relay from the Auckland Town Hall of the concert to be given by the Municipal Band under the direction of Mr. Christopher Smith.

Sunday at 2YA.

THE evening service of St. Gerard's Redemptorist Church will be relayed. The choir is under the baton of Mr. F. J. Oakès, and the organist is Mr. H. Mount. The Port Nicholson Silver Band's recital will be relayed from the Grand Opera House at the conclusion of the church service.

"Story of Music"

Broadcast from 3YA.

IN the afternoon 3YA will relay the annual choir festival from the East Belt Methodist Church, when Ernest Nichol's beautiful cantata, "The Story of Music," will be presented. The soloists will be Mrs. J. A. Stewart, Mrs. J. W. Falk, Mr. Ernest Rogers, and Mr. J. Filler. In the evening at 6.30 the service in the same church will be relayed.

The preacher will be the Rev. W. Greenslade. In the studio programme which will follow Mr. Barend Harris will take part, also Mrs. Grace Empson (mezzo-soprano), Miss Irene Morris (violin), and the Christchurch Broadcasting Trio.

4YA Notes.

There will be a relay of the evening service conducted in First Church by Dr. Hunter. The broadcast of a concert to be given in His Majesty's Theatre by the Tramways Band under Mr. C. Morgan will follow.

MONDAY

From Wellington.

A LECTURE of interest to all those who wish to follow a new hobby will be broadcast from 2YA at 3.15 by a representative of Messrs. Kirkealdie & Stains, who will speak on "Home Crafts." At 7.40 Mr. H. C. South will give his usual review of "Books—Grave and Gay."

A programme of varied interest has been arranged for 2YA's evening concert. The 2YA Orchestra under Signor A. P. Truda will play the overture "Die Schone Galatea," a selection entitled "Schubert's Sketch Book," an arrangement of "Russian Folk Songs," Godowsky's "Alt Wien," "From the Land of the Sky Blue Water" (Cadman-Boosey), and Tchaikowsky's "Sleep, Dear Heart."

Vocal numbers will be given by Miss Monica Malfroy, Mrs. Bernard Wood, Mr. G. Austin Blackie, and Mr. A. W.

The Growth of Words

A SUBJECT of unusual interest has been chosen by Mr. A. B. Chappell, M.A., for his topical talk from 1YA, on Tuesday, July 10. He will deal with "The Growth of Words," a topic which has been made seasonal by the Spelling Bee which is arousing such a great deal of interest.

Beckford. Miss Rose Carte will be heard in several elocutionary numbers, both humorous and dramatic. The piano solos to be played by Miss Molly Cook will be Cui's "Prelude" and Chamade's "Dance."

A feature of this programme will be the organ solos by Mr. Henry Mount, the talented organist of St.

Gerard's Redemptorist Church. He will play for his first item the "Kyrie" from Haydn's "Imperial Mass," one of the most brilliant and majestic compositions of that great master. The second item will be of special interest in that it will be one of Mr. Mount's own compositions.

3YA Items.

"Books of the Month"—a review of current literature—will be the broadcast talk at 3YA by Mr. E. E. Wiltshire, vice-president of Linwood Library.

This evening the popular Derry's Military Band will be heard from 3YA. Under Conductor J. Scott a capital programme will be presented. Miss Mavis Greer (mezzo-soprano), Mrs. H. B. Naylor (contralto), the Rev. E. B. Chambers (baritone), and Mr. William Ellis (bass) will assist. Mr. Chambers is a new singer at 3YA.

Opera from 4YA.

THERE will be an operatic atmosphere about the programme. Musical plays such as "The Country Girl," "Our Miss Gibbs," "Tom Jones," "Mikado," and "Pirates of Penzance" will be represented. The instrumental portion of the programme will be given by the Salon Orchestra, and the vocalists will be Miss Dorothy Sligo (soprano), Mr. J. E. Davies (tenor), and Mr. L. M. Cachemaille (bass). Violin solos will be played by Miss Eva Judd, and humorous elocutionary items will be contributed by Miss N. Warren.

TUESDAY

From 1YA.

AT 7.40 p.m. Mr. A. McSkimming will give a further talk on "Voice Culture." The evening's programme will be provided by the 1YA Orchestral Octet, under the direction of Mr. Eric Waters, Mrs. B. Jellard (contralto) and Miss Joyce Seth Smith (mezzo-soprano).

Mr. A. B. Chappell, M.A., will give another of his interesting Topical Talks.

The Octet's numbers include "La Burlesque," "Lucia di Lammermor," and the beautiful suite, "Hailwatha" (by Coleridge-Taylor). Miss Seth Smith made a very fine impression at the recent recital-evening and listeners will be able to hear her in operatic solos this evening. Her numbers will be "A mon fils" (from "Le Prophete"), "Voce di donna" (from "La Gioconda") and "Gavotte" (from "Mignon"). Mrs. Jellard is already well known as an artistic singer, and she has chosen two solos from "The Lily of Killarney" (by Benedict). Also on the programme will be a pianoforte solo, "Nocturne in B Major," played by Mr. Cyril Towsey.

Chamber Music

Notes From 2YA.

MRS. T. W. LEWIS, of the D.I.C., will speak this afternoon at 3.15 p.m. on a subject that will be of in-



MISS LILY CHARLES

A popular vocalist to be heard from 2YA Tuesday next.
—S. P. Andrew, photo.

terest to women of middle age, her subject being "The Wonderful Age." At 7.40 there will be the usual talk for the Man on the Land.

A bright, popular and very varied programme will be given in the evening. The Salon Orchestra, under Mr. M. T. Dixon, will play an arrangement of Wagner's airs entitled "Wagneriana," a "Canzonetta," by Godard, and Tosti's "Serenade." Miss Bertha Partidge will be heard in several soprano solos, Mr. W. N. Boshor will feature solos from "The Desert Song" and "The Vagabond King," and Miss Lily Charles will contribute a group of popular song numbers. Some of the adventures of that well-known Hebrew character, "Cohen," will be related by "Ajax," and Messrs. Berthold and Bent will render two brackets of steel guitar numbers.

A feature of outstanding interest during the evening will be the relay from the Concert Chamber of items from the recital to be given by the Wellington Chamber Music Players. This will be the first occasion on which this combination of Wellington's foremost musicians has been broadcast. The items to be put on the air will include a number that has, as far as we know, never been played in New Zealand before, viz., the "Passacaglia for Violin and 'Cello" (by Handel, arranged by Halvorsen). This number, which is unaccompanied, will be played by Mr. Leon de Mauny (violin) and Mr. Claude Tanner ('cello). The other item will be the First Movement of Richard Strauss's "Piano Quartet in C Minor," a number that is seldom heard in this country, and one of interest to all music lovers. This item will be played by Madame Evelyn de Mauny (piano), Mr. Leon de Mauny (violin), Mr. Frank Crowther (viola), and Mr. Claude Tanner ('cello).

Band Selections

Programme From 4YA.

A TALK on "Tourist Resorts" will be broadcast by Mr. R. W. Marshall.

The evening programme will be provided by the Kaikorai Band and the following assisting artists: Miss D. M. Sligo (soprano), Mrs. Doris M. Aitchison (contralto), Mr. R. A. Mitchell (tenor), Mr. Ed. Bond (bass) and Miss Madge Yates (elocutioniste). A feature of the band's programme will be

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items by a brass quintette. The vocal solos will all be of a popular nature. Miss Yates, who is a very talented entertainer, will present three numbers. Mrs. Aitchison is a very popular singer on the local concert platform, but this will be her debut in radio.

Included in the band programme is one of the finest selections yet broadcast. This is Richard Wagner's "Reinzi." The Kaikorai Band specially secured this fine arrangement of Wagner's for broadcasting purposes. All the melodies in the opera are included in this arrangement, and the selection itself is simply a magnificent example of modern arrangement for brass band.

One of the very old contest marches composed by a brilliant French composer—Pettee—is also amongst the items to be played by the band on this occasion. This particular item, which is called "Palmer House," is of the bombastic nature characteristic of French composers. Needless to say, it is a colourful and altogether pleasing composition. The second movement of Beethoven's famous sonata—"Pathétique"—will be rendered in its entirety by the band. This music lends itself admirably to brass bands, and gives ample scope for tonal production by this combination.

WEDNESDAY

At 1YA.

MADAME MABEL MILNE will continue her talks on Health and Diet. The very popular New Zealand Four will make a welcome reappearance in quartets, duets, and solos. The personnel of the quartet is Mr. James Simpson (tenor), Mr. Roy Dormer (tenor), Mr. Eric Mannall (baritone), and Mr. Albert Gibbons Taylor (bass). Miss Daphne Higham, a very talented violinist, will also be heard on this programme, her numbers including "Romance from Second Concerto, Op 22," "Serenade," and "Coronach." Elocutionary items will be given by Miss Marian Irving, and Mr. A. E. W. Webb, soprano-cornetist, will contribute items. Two new artists will appear on this evening, Misses Moira and Betty Tinline, who will give a number of duets for two pianos, a class of item which is very seldom heard on the air.



MR. SIDNEY HOBEN

A distinguished pianist who will present a lecture-piano recital from 3YA, Wednesday next.
—Stephano Webb, photo.

2YA on the Air.

Britain v. Maoris

THOUGH usually "silent day" at 2YA, the station will go on the air at 2.30 p.m. A running description of the match between the British Rugby team and the New Zealand Maoris will be broadcast by 2YA and 3YA. This will excite the liveliest interest amongst listeners all over the country, as the Maoris have a reputation for making the play open and spectacular.

Banjo Band

Christchurch Notes.

BLOY'S Banjo Band, one of the finest of such combinations in the whole of Australasia, will make one of its rare appearances at 3YA this evening. In the twenty minutes during which the band will "hold the mike" its items will comprise "Torchlight Parade," Welsh songs, Maori songs, and popular choruses. The vocalists on the evening's programme will be Miss Leila Black (mezzo-soprano), Mr. Syd. Andrews (tenor), and Mr. J. Francis Jones (baritone). Miss Winifred Smith will recite. The evening's programme will also include one of the popular lecture-piano recitals by Mr. Sidney Francis Hoben. There will also be cello solos by Mr. Harold Beck and selections by the Broadcasting Trio. So, taken all round, it will be an excellent programme.

Items from Dunedin.

"VALUE of Fish in Diet—some ideas on the cooking and serving of fish." This is the title of the afternoon talk by the Home Science Extension Department of Otago University. The evening talk to farmers will be by Mr. J. O. Wallace on "Crop Certification." Both talks have been arranged for by the 4YA Primary Productions Committee.

During a half-hour's debate members of the Otago University Law Debating Society will discuss the question "Is the Modern Girl Decadent?"

The concert programme will be of a popular nature. Contributing to it will be the Novelty Saxophone Band, and as singers Miss Rita Holmes (soprano) and Miss Netta H. Wilkie (contralto). The items of the latter will comprise a number of old favourites.

THURSDAY

Auckland Features.

THE afternoon talk from 1YA, 2YA and 3YA will be on "Women's Clothing."

At 7.40 p.m., from 1YA, Mr. C. J. Adcock will give the second of his talks on "Right and Wrong—can there be a real basis?" On the studio programme there will appear a new orchestral combination—Roy Brinsden and His Royal Squadron Syncopaters. They will play a number of bright instrumental items. Mr. Brinsden has had extensive experience in orchestral work both in Australia and New Zealand. Another new artist is Mrs. E. Hines, a very enjoyable soprano, who will sing "The Maid and the Moon," "Love Flower," and "Someday I'll Make You Love Me." The Bohemian Duo will appear in a number of the latest hits.

Many listeners heard with pleasure the items given by the Sunshine Duo and on this programme they will ap-

pear in a new combination of vocal and instrumental items. The programme will conclude with dance music at 11 p.m.

Wellington Notes.

THE Station 2YA will be on the air at noon in order that listeners may hear the results of the second day of the Wellington Racing Club's winter meeting. At 7.40 Mr. L. D. Webster will give another interesting musical talk, when he will speak on "Some Varieties of Music." The concert which follows will be given by the Wellington City Silver Band, who will be assisted by 2YA artists. The band, which plays under the conductorship of Mr. C. A. Forrest, will play as their opening number the march "Galvani," by an Australian composer, Lithgow. Other items will include Rimmer's selection, "La Gypsy," a duet by Bandsmen E. Colvin and L. Baker, a selection from Mozart's opera, "The Magic Flute," a humoresque, "Ding Dong Dell," and two marches, "Kneller Hall" and "Powerful." The supporting artists will be Miss Gwladys Edwardes (soprano), Miss Gwenyth Evans (contralto), Mr. Cyril McCheyne, and Mr. Will Bishop (the popular entertainer at the piano). Miss Joyce Morgan will play a number of vibraphone solos. Mr. Eric Sharp, a talented young pianist from Mr. Gordon Short's studio, will play as a piano solo, Tausig's ar-



MR. ALFRED WALMSLEY

Who will direct the presentation of "Il Trovatore" from 4YA this week.

range of Strauss's "Waltz Caprice."

"The programme will be interrupted in order that a relay of the reception tendered to their Excellencies, Lord and Lady Bledisloe, by the Welsh community at the Wellington Town Hall may be broadcast."

Features from 3YA.

A VERY pretty programme will be presented by Miss Frances Hamerton's Melodious Four at 3YA. The concerted numbers will be Bantock's "On Himalaya," "Thomas and Amnis," and "The White Paternoster" (both by Davies), and "Wings of the Sweet Springtime" (by Percival). There will be several duets as well as numerous solos. The programme by the Instrumental Octet will include "Fingal's Cave," MacDowell's "Woodland

Sketches," "Intermezzo" by Gustav Holst, and German's "Henry VIII Dances."

Specially featured on the programme will be Mr. Barend Harris, bass-baritone, of Sydney, and two sketches will be acted by Mrs. K. Hartshorn and Miss Naare Hooper.

FRIDAY

From 1YA.

AT 7.40 Mr. J. F. Montague will give a further talk on "Maori Pronunciation." The Orchestral Octet, under the direction of Mr. Eric Waters, will appear in a number of delightful items, including "King Midas," the orchestral suite "Merchant of Venice," "Reverie and Danse Russe," and "Polish Dance." The vocalists for the evening include Madame Mary Towsey (mezzo-soprano), Miss Aimee Clapham (contralto), and John Bree (baritone). Among their numbers will be "O Love from Thy Power" (from "Samson and Delilah"), "To Mary," and "Romance." Mr. J. F. Montague will be heard in humorous numbers and the dramatic recital, "Thomas Atkins." The programme will conclude with a gramophone lecture-recital of the latest recordings.

Musical Comedy

Wellington Notes.

ANOTHER of the series of lecturettes on the "Laws of Rugby" will be given from 2YA at 7.40 by the well-known Rugby journalist, Mr. Dan McKenzie.

The concert programme will serve to introduce to listeners a new combination of entertainers. The Arcadians Musical Comedy Company, the members of which have been, in the main, recruited from the Dennis Operatic Society.

During the action of the play several numbers from musical comedies will be sung by the principals and the chorus. It is interesting to note that the whole of the dialogue is original, having been written by a member of the company. In presenting the play the company will have the support of the 2YA Orchestra, which will play suitable music for the overture and entr'actes.

Notes from 3YA.

MR. D. COSGROVE, "Aerial" of the Christchurch "Star," will give the first of a series of radio talks at 3YA.

Miss Nellie Lowe, Mr. Douglas Suckling, and Mr. A. G. Thompson will be the vocalists at 3YA, when the programme will be of a popular nature. Humorous items will be given by Mr. J. P. Darragh. The instrumental portion of the musical programme will be (Concluded on page 25.)

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Full Programmes for Next

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Sunday, July 6

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, JULY 6.

- 3.0 : Afternoon session—Selected studio items, including literary selection by the Announcer.
 4.30: Close down.
 6.0 : Children's Song Service.
 6.55: Relay of Divine Service from St. Matthew's Church (Preacher, Rev. C. H. Grant Cowan; Organist and Choirmaster, Mr. J. Philpott).
 8.30 (approx.): Relay of concert by Municipal Band, under the conductorship of Mr. Christopher Smith, from Auckland Town Hall.
 9.30: God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JULY 6.

- 3.0 : Chimes. Afternoon session.
 4.0 : Relay from St. Paul's Pro-Cathedral of the Rally of the Combined Anglican Bible Classes (Speakers, Archdeacon Creed-Meredith, Rev. Whitby-James).
 6.0 : Children's Song Service conducted by Uncle George and assisted by the Children's Choir from the Miramar Presbyterian Church under the Rev. Mr. Hitchcock.
 7.0 : Relay of evening service of St. Gerard's Redemptorist Church (Organist, Mr. H. Mount; Choirmaster, Mr. F. J. Oakes. (For order of service see page 24, "Radio Record," June 27).
 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, JULY 6.

- 3.0 : Relay of Annual Choir Festival from East Belt Methodist Church. Presentation of the beautiful Oratorio, "The Story of Music," by Ernest Nichol, Mus. Bac.
 Vocal soloists:—
 Soprano Mrs. J. A. Stewart
 Contralto Mrs. J. W. Palk
 Tenor Mr. Ernest Rogers
 Bass Mr. James Filler
 Supported and accompanied by full Choir, String Orchestra and Organ.
 Choir Conductor Mr. J. Chaplin
 Organist Mr. A. M. Owen
 4.15: Musical recordings from 3YA Studio.
 4.30: Close down.
 5.30: Children's Song Service by children of Methodist Sunday Schools, conducted by Rev. Rugby Pratt, assisted by the children from the Methodist Sunday Schools.
 6.15: Musical recordings from 3YA Studio.
 6.30: Relay of Evening Service of Annual Choir Festival from East Belt Methodist Church. Preacher: Rev. W. Greenslade. Choir conductor: Mr. J. Chaplin. Organist: Mr. A. M. Owen.
 7.45: Hymns and anthems from 3YA Studio.
 8.15: Selection—Menorah Symphony Orchestra, "Bar Kochba" (Goldfaden).
 8.23: Mezzo-soprano—Mrs. Grace Empson, "Ombra Mai Fu" (Handel).
 8.27: Violin—Miss Irene Morris, "Air" (Goldmark).
 8.31: Bass baritone—Barend Harris, (a) "Bells of the Sea" (sung in English); (b) "Song of the Volga Boatmen" (with explanatory remarks) (sung in Russian).
 8.41: Instrumental trio—Christchurch Broadcasting Trio, "Allegro Vivace" (from "Trio in D Major") (Beethoven).
 8.53: Mezzo-soprano—Mrs. Grace Empson, (a) "Have You Seen but a White Lily Grow?" (Old English, arr. Liza Lehmann); (b) "O Fair and Sweet and Holy" (Rubinstein).
 8.59: Weather report and station notices.
 9.1 : Instrumental trio—Christchurch Broadcasting Trio, (a) "Serenade" (Mozart) (from "A Little Night Music"); (b) "Tempo di Minuetto" (Godard).
 9.13: Bass baritone—Barend Harris, (a) "Shir Shomerin" (sung in Hebrew) (The Song of the Watchman) (A Palestinian Folk Song); (b) "My Song of the Nile" (sung in English) (with explanatory remarks).
 9.23: Violin—Miss Irene Morris, "Allegretto" (Boccherini-Kreisler).
 9.26: Orchestral—Budapest Philharmonic Orchestra, "Rakoczy March." God Save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, JULY 6.

- 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 service from First Church (Preacher, Dr. Hunter; Organist, Dr. V. E. Galway).
 7.45: Selection—Classic Symphony Orchestra, "Pagliacci" (Leoncavallo). Chorus—Royal Choral Society, "Hallelujah" and "Amen" from "Messiah"—Handel (H.M.V. D1108, D1135).
 Piano—W. Backhaus, "Studies, Op. 56" (Chopin) (H.M.V. DB1180).
 8.5 : Relay of concert by Tramways Band, under direction of Mr. C. Morgan, from His Majesty's Theatre.
 9.30: God Save the King.

Monday, July 7

1YA, AUCKLAND (900 KILOCYCLES)—MONDAY, JULY 7. SILENT DAY.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, JULY 7.

- 3.0 : Chimes. Selected Studio Items.
 3.15: Lecturette—Representative Messrs. Kirkcaldie and Stains, "Home Crafts."
 3.25: Studio Items.
 3.30 and 4.30: Sporting results.
 5.0 : Children's Session.
 6.0 : Dinner Music Session, "Columbia" Hour.
 Orchestral—Mengelberg's Concertgebouw Orchestra, "Oberon Overture Part 1 and 2" (Weber) (04347).
 Octet—Squire's Chamber Orchestra, "L'Arlesienne Suite" (Intermezzo) (Bizet) (02984).
 6.13: Tacet.
 6.15: Orchestral—Menorah Symphony Orchestra, "Shulamith Selection" (Goldfaden) (02921).
 Band—B.B.C. Wireless Military Band, "Indian Queen" (arrgd. C. Sharp) (02981).
 Octet—Squire's Chamber Orchestra, "L'Arlesienne Suite Minuet" (Bizet) (02984).
 6.29: Tacet.
 6.30: Orchestral—New Queen's Hall Orchestra, "Slavonic Dance in G Minor" (Dvorak) (04348).
 Band—B.B.C. Wireless Band, "Helston Furry Processional" (arrgd. C. Sharp) (02981).
 Orchestral—Classic Symphony Orchestra, "Classical Memories" (arrgd. M. Ewing) (G30024).
 6.44: Tacet.
 6.45: Octet—Squire's Celeste Octet, "Ave Maria" (Bach) (02569).
 Poltronieri String Quartet, "Quartet in E Andante and Canzonetta" (Haydn) (05084).
 Orchestral—Squire's Celeste Octet, "On Wings of Song" (Mendelssohn).
 6.58: Tacet.
 7.0 : News Session, Market Reports and Sports Results.
 7.40: Lecturette—Mr. H. C. South, "Books—Grave and Gay."
 8.0 : Chimes.
 Overture—2YA Orchestra (Conductor Signor A. P. Truda) "Die Schone Galathea" (Suppe).
 8.9 : Mezzo-soprano—Miss Monica Malfroy, "The Lake Isle of Innisfree" (Herbert).
 8.13: Piano—Miss Molly Cook, (a) "Prelude" (Cui); (b) "Dance" (Chaminade).
 8.20: Baritone—Mr. A. W. Beckford, (a) "Thoughts" (Fisher); (b) "Harlequin" (Sanderson).
 8.27: Relay from Concert Chamber, Town Hall, of the following items from concert in aid of St. Mary's College Building Fund:—
 Monologue—Mrs. Martin Williams, "His First Long Trousers."
 Contralto solo—Miss Agnes McDavitt, "In an Old Garden" (Hope Temple).
 Character sketch—Miss Clarice Read, "Joan of Arc."
 8.42: Orchestral selection.
 9.5 : Weather report.
 9.7 : Selection—2YA Orchestra, "Russian Folk Songs" (arr. Higgs).
 9.12: Tenor—Mr. G. Austin Blackie, "Mother of Mine" (Tours).
 9.19: Relay of Organ Recital by Mr. Henry Mount, (a) "Kyrie" from "Imperial Mass" (Haydn); (b) "Allegro Brillante" (Mount).
 9.31: Mezzo-soprano—Miss Monica Malfroy, "Uncle Rome" (Homer).
 9.35: Baritone—Mr. A. W. Beckford, "A Song of Sleep" (Somerset).
 9.39: Instrumental—2YA Orchestra, (a) "Alt Wien" (Godowsky); (b) "From the Land of the Sky Blue Water" (Cadman).
 9.47: Humour—Miss Rose Carte, (a) "He Worried About It" (Foss); (b) "That 'Fellow' who came on Sundays" (Dodge).
 9.54: Violin—Mischa Elman, "Vocalise" (Rachmaninoff).
 9.57: Mezzo-contralto—Mrs. Bernard Wood, "Cradle Song" (Kreisler).
 10.1 : Tenor—Mr. G. Austin Blackie, "Rosamund" (Dorothy Forster).
 10.5 : Cello—Cedric Sharpe, "Air" (Pergolisi, arr. Sharpe).

Week-all Stations-to July 13

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10.8 : Duet—Miss Monica Malfroy and Mrs. Bernard Wood, "O Lovely Night"
10.12 : Selection—2YA Orchestra, "Sleep, Dear Heart" (Tschalkowsky).
10.17 : God Save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, JULY 7.

3.0 : Afternoon session—Gramophone recital.
4.25 : Sports results.
4.30 : Close down.
5.0 : Children's hour, "Scatterjoy."
6.0 : Dinner session—"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) (Zono.).
Waltz—Jack Hylton's Orchestra, "Spanish Rose" (Pearson) (B5481).
Xylophone—Sam Herman, "Al Fresco" (Zonophone RE53).
6.27 : Tacet.
6.30 : Orchestral—New Light Symphony Orchestra, "In a Clock Store."
March—Royal Opera Orchestra, "Marche Hongroise" (Berlioz).
Orchestral—Symphony Orchestra, "Spanish Dance" (De Falla).
6.42 : Tacet.
6.45 : Schottische—International Novelty Quartet, "Lena" (Mewes) (Zono.).
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" (B5481).
March—National Military Band, "El Capitan" (Sousa) (Zono. 5366).

6.57 : Tacet.
7.0 : News session.
7.30 : Talk—Mr. E. E. Wiltshire, Vice-President of Linwood Library, "Books of the Month."
8.0 : Chimes. Band programme by Derry's Military Band (Conductor, Mr. J. Scott), and assisted by 3YA artists.
8.1 : Band—March, "Lights Out" (McCoy); valse, "Dream of the Ball."
8.12 : Bass—Mr. William Ellis, "Roll on, Thou Dark and Deep Blue Ocean."
8.16 : Instrumental—Kinema organ, Harold L. Reider, "Put Your Arms Where They Belong" (Davis) (Columbia 0666).
8.19 : Mezzo-soprano—Miss Mavis Greer, (a) "Fragile Things" (Phillips), (b) "The Rosebud" (Mallinson).
8.25 : Hawaiian—King's Hawaiian Band, "Hilo March" (Berger) (Col. 01226).
8.29 : Baritone—Rev. E. B. Chambers, "Song of the Waggoner."
8.33 : Tone poem—Band, "Breezes from the South" (Myddleton): Part 1, "Lamentation"; Part 2, "Return of Happy Days."
8.42 : Humour—Mr. Flotsam and Mr. Jetsam, "P.O. Lamb."
8.45 : Contralto—Mrs. H. B. Naylor, (a) "A Fat Li'l Fellow with His Mammy's Eyes" (Gordon), (b) "Shepherd's Cradle Song."
8.52 : Orchestral—Finck's Orchestra, "Gaiety Echoes" (Caryll-Monckton).
9.0 : Weather report and station notices.
9.2 : Caprice—Band, "The Whistler and His Dog" (Pryor).
Intermezzo—Band, scene, "In a Persian Market" (Ketelbey).
9.13 : Bass—Mr. William Ellis, (a) "Soldier! What of the Night?" (Dix), (b) "The Bandolero" (Stewart).
9.20 : Organ—Harold L. Reider, "What Does It Matter?" (Berlin) (Col. 0666).
9.23 : Mezzo-soprano—Miss Mavis Greer, "Slave Song" (Del Riego).
9.27 : Selection—Band, "A Country Girl" (Monckton).
9.39 : Baritone—Rev. E. B. Chambers, (a) "The Old Quay Side" (Tate), (b) "When Song is Sweet" (Sans Souci).
9.45 : Hawaiian—King's Hawaiian Band, "Kaala Medley" (King) (Col.).
9.51 : Contralto—Mrs. H. B. Naylor, "Less Than the Dust," from "Indian Love Lyrics" (Woodforde-Pinden).
9.54 : Male quartet—The Diplomats, "From Sunrise to Sunset" (Miller); "Down Among the Sugar Cane" (De Rose, Clare, Tobias) (Col.).
9.57 : March—Band, "Tent City" (English).
God Save the King.

A Public Apology

THE RADIO DIVISION

of Hope Gibbons, Ltd.,
apologises for its inability
to cope with the great
volume of Stewart-Warner
Radio business during
the last few weeks.

It apologises for having
to announce that every
model, from table set to
radio-gramophone console,
has been completely sold
out, in spite of very heavy
recent shipments.

It pledges itself to ensure,
as far as possible, that
would-be Stewart-Warner
Radio owners will not
be denied their pleasure
in future.

In a few days a further
shipment of all models
will arrive.

Make an appointment early
for your local authorised
dealer to demonstrate to you
one of the New Electric
Stewart-Warner Radios—

"THE SET WITH THE PUNCH"—

you'll be proud to own one of the
quality radios.

STEWART-WARNER

The Set With **RADIO** The Punch

Hope Gibbons Ltd

RADIO DIVISION

WELLINGTON

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, JULY 7.

3.0 : Chimes. Selected gramophone items.
4.25 : Sporting results.
4.30 : Close down.
5.0 : Chimes. Children's hour, conducted by Uncle Allan.
6.0 : Dinner music—"Parlophone" Hour:
Selection—Edith Lorand Orchestra, "La Boheme" (Puccini) (E10558).
Waltz—Edith Lorand Orchestra, "La Serenade" (Metra) (E10522).
Violin—Tossy Spiwakowsky, "Turkish March" (Beethoven) (A2561).
6.12 : Tacet.
6.15 : Waltz—Edith Lorand Orchestra, "Venetian Barcarolle" (Leoncavallo).
Trio—Dajos Bela Trio, (a) "Traumerel" (Schumann), (b) "Chant d'Automne" (Tschalkowsky) (E10573).
Cello—Gregor Piatigorsky, "The Swan" (Saint-Saens) (A2628).
6.28 : Tacet.
6.30 : Edith Lorand Orchestra, "Minuet" (Boccherini), "Foreador and Andalous" (Rubinstein) (A4108).
Waltz—Royal 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, "Ballet Egyptienne" (Luigini).
6.58 : Tacet.
7.0 : News session.
7.40 : Talk under auspices of W.E.A.
8.0 : Chimes. Overture—Columbia Symphony Orchestra, "Maritana."
8.9 : Tenor—Mr. J. E. Davies, "Ah, Moon of My Delight" (Lehmann).
8.14 : Piano—Mrs. C. Drake, "Sonata Pathetique" (Beethoven).
8.24 : Humorous recitation—Miss N. Warren, "Hoodoo McFiggins's Christmas"
8.31 : Selection—Salon Orchestra, "Country Girl" (Monckton).
8.39 : Soprano—Miss Dorothy M. Sligo, two songs from "Our Miss Gibbs," (a) "Mary," (b) "Romance" (Monckton).
8.46 : Violin—Miss Eva Judd, "Slavonic Dance in G Minor" (Dvorak-Kreisler).
8.51 : Waltz—Salon Orchestra, "Reverie Waltz" (Waldteufel).
8.58 : Bass—Mr. L. M. Cachemaille, "Rich Love" (Goldstein).
9.1 : Weather report.
9.3 : Selection—Salon Orchestra, "Mikado" (Sullivan, arr. Winterbottom).
9.11 : Tenor—Mr. J. E. Davies, "Questa O Quella" (Verdi), (b) "Flowers Message" (Davies).
9.17 : Chorus—Orchestra Symphonique de Paris and Chorus, "Carmen," Act 4, "Here They Come" (Bizet) (Columbia 8540).
9.21 : Humorous recital—Miss N. Warren, "The Woman at the Wheel."

- 9.27: Selection—Salon Orchestra, "Pirates of Penzance" (Sullivan).
 9.35: Soprano—Miss Dorothy M. Sligo, two songs from "Tom Jones" (German): (a) "Dream o' Day Jill," (b) "To-day, My Spinnet."
 9.42: Violin—Miss Eva Judd, (a) "Rondino" (Beethoven), (b) "Spanish Airs" (Seybold).
 9.49: Bass—Mr. L. M. Cachemaille, "Here in the Quiet Hills" (Carne), "Elegie" (Massenet).
 9.56: Waltz—Salon Orchestra, "Bien Aimes" (Waldteufel).
 10.1: God Save the King.

Tuesday, July 8

1YA, AUCKLAND (900 KILOCYCLES)—TUESDAY, JULY 8.

- 8.0: Afternoon session—Selected studio items, including Literary Selection by the Announcer.
 4.30: Close down.
 5.0: Children's session—Conducted by "Uncle Dave."
 6.0: Dinner session, "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) (G30007).
 Rio Marimba Orchestra, "My Isle of Golden Dreams" (Blaufuss).
 6.57: Tacet.
 7.0: News and market reports.
 7.40: Talk—Mr. Allan McSkimming, "Voice Culture—Ancient and Modern."
 8.0: Chimes.
 Overture—Royal Philharmonic Orchestra, "Rienzi" (Wagner).
 8.13: Contralto—Mrs. B. Jellard, (a) "In My Wild Mountain Valley—Lily of Killarney" (Benedict); (b) "I'm Alone—Lily of Killarney."
 8.20: Orchestra—1YA Orchestral Octet, under direction of Mr. Eric Waters, "La Burlesque" (Suppe).
 8.30: Soprano—Miss Joyce Seth Smith, "A Mon Fils 'Le Prophete'."
 8.34: Orchestra—1YA Orchestral Octet, Selection—"Lucia di Lammermoor."
 8.44: Talk—Mr. A. B. Chappell, M.A., "Topical Talk."
 8.59: Evening forecast and announcements.
 9.1: Suite—1YA Orchestral Octet, "Hailwatha." 1—The Wooing; 2—The Marriage Feast; 3—Bird Scene and Conjuror's Dance; 4—Departure; 5—Reunion (Coleridge-Taylor).
 9.11: Piano—Mr. Cyril Towsey, "Nocturne in B Major" (Chopin).
 9.19: Choral—Orchestra Symphonique de Paris and Chorus, "Carmen, Act 1—When Soldiers Mount Guard" (Bizet) (Col. 9528).
 9.23: Contralto—Mrs. B. Jellard, "She's Appeared," ("Martha") (Flotow).
 9.27: Selection—Regimental Band of H.M. Grenadier Guards, "A Princess of Kensington" (German) (Col. 02830).
 9.35: Soprano—Miss Joyce Seth Smith, (a) "Voce di Donna—La Gioconda" (Ponchielli); (b) "Gavotte Mignon" (Thomas).
 9.42: Orchestra—1YA Orchestral Octet, "Mazurka" (Saint-Saens).
 9.49: Bass and Chorus—J. Ferrer, chorus and orchestra of the National Opera House, Paris, "Polonaise" (Boris Godonov) (Mourssorgsky).
 9.53: Orchestra—1YA Orchestral Octet, "Natoma" (Herbert).
 10.0: God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—TUESDAY, JULY 8.

- Noon: Chimes.
 12.1: Studio Items, interspersed with results of the First Day of the Wellington Racing Club's Winter Meeting.
 3.15: Lecturette—Mrs. T. W. Lewis, "The Wonderful Age."
 3.25: Selected Studio Items.
 3.30 and 4.30: Sporting results.
 5.0: Children's Session.
 6.0: Dinner Music Session, "H.M.V." Hour.
 Orchestra—New Symphony Orchestra, "Minuet" (Boccherini).
 Orchestra—Nat Shilkret and The Salon Group, "Stephen Foster Melodies" (My Old Kentucky Home) (Foster) (EB42).
 Band—H.M. Goldstream Guards, "Wee MacGregor's Patrol" (Amers).
 Orchestra—Salon Orchestra, "Pagan Love Song" (Freed-Brown).
 6.13: Tacet.
 6.15: Orchestra—De Groot and His Orchestra, "Waldteufel Memories" (arrgd. Herman Finck) (B3084).
 Band—H.M. Goldstream Guards, "Policeman's Holiday" (Ewing).
 Organ—Jesse Crawford, "I Get the Blues When it Rains" (Klauber).
 6.29: Tacet.
 6.30: Band—H.M. Goldstream Guards, "Belle of New York" (Kerker).
 Cello—Beatrice Harrison, "Viennese Melody" (Kreisler) (C1647).
 Orchestra—Nat Shilkret and The Salon Group, "Stephen Foster Melodies" (Old Black Joe) (Foster) (EB42).
 6.43: Tacet.
 6.45: Orchestra—New Symphony Orchestra, "Neil Gwynn Dances No. 8" (German) (B3036).
 Organ—Jesse Crawford, "I'll Always Be in Love With You" (Ruby Green-Sept) (EA631).

- Band—H.M. Goldstream Guards, "Geisha Selection" (Jones) (C1703).
 Orchestral—Salon Orchestra, "Wedding of the Painted Doll" (Freed-Brown) (EA633).
 7.0: News Session, Market Reports and Sports Results.
 7.40: Lecturette—Representative of Department of Agriculture, "For the Man on the Land."
 8.0: Chimes.
 Overture—2YA Salon Orchestra (Conductor Mr. M. T. Dixon) "Wagneri Ana" (arrgd. Palpki).
 8.9: Soprano—Miss Bertha Partridge, (a) "Happy Song" (Del Riego); (b) "Slave Song" (Del Riego).
 8.15: Steel Guitar Duo—Messrs. Berthold and Bent, (a) "Tip Toe Thru' the Tulips" (Freed-Brown); (b) "Painting the Clouds With Sunshine" (Freed-Brown).
 8.22: Light Baritone—Mr. W. N. Boshier, "The Desert Song" (Romberg).
 8.26: Instrumental—Salon Orchestra, (a) "Canzonetta" (Godard). (b) "Serenade" (Tosti).
 8.34: Humour—Ajax, "Cohen" (original).
 8.40: Steel Guitar Duo—Berthold and Bent, (a) "Hawaiian Dreams" (Marple); (b) "Honolulu Moon" (Donaldson).
 8.46: Popular Songs—Miss Lily Charles, (a) "I'm Following You" (de Sylva-Brown); (b) "I Get So Blue When It Rains" (Klauber-Stoddard).
 8.52: Instrumental—Salon Orchestra, "Request Item."
 9.0: Weather Report and Announcements.
 9.2: Soprano—Miss Bertha Partridge, "Butterfly Wings" (Montague-Phillips).
 9.6: Light Baritone—Mr. W. N. Boshier, "If I Were King" (Friml) from "Vagabond King."
 9.10: Relay from the Wellington Chamber Music Players Recital at Concert Chamber, Town Hall.
 "Passacaglia for violin and 'cello" (unaccompanied) (Handel-Halvorsen) (Leon de Mauny and Claude Tanner).
 9.18: From the Studio: Humour—Ajax, "Cohen Again" (original).
 9.23: Popular Song—Miss Lily Charles, "Indiana Skies" (Manors).
 9.26: Relay from the Wellington Chamber Music Players Recital at Concert Chamber, Town Hall.
 "The First Movement of the Piano Quartet in C Minor, by Richard Strauss." Evelyn de Mauny (piano), Leon de Mauny (violin), Frank Crowther (viola), Claude Tanner ('cello).
 9.36: Dance programme, "H.M.V." Hour and a-half.
 Foxtrot—Vallee's Connecticut Yankees, "Heigh Ho! Everybody, Heigh Ho!" (Woods) (EA614).
 Foxtrot—Shilkret's Orchestra, "Hittin' the Ceiling" (Gottler).
 Foxtrot—Weems' Orchestra, "Good Morning, Good Evening, Good Night" (Lewis) (EA615).
 Foxtrot—Shilkret's Orchestra, "Sing a Little Love Song" (Gottler).
 9.42: Vocal duet—Dora Maughan and Walter Fehl, "That's Just What I Thought" (Bennett-Carlton) (B3000).
 Foxtrot—Vallee's Connecticut Yankees, "S'Posin'" (Razaf) (EA582).
 Foxtrot—Arnheim's Orchestra, "Lovable and Sweet" (Clare) (EA608).
 Foxtrot—Olsen's Orchestra, "Out Where the Moonbeams are Born" (Davis) (EA611).
 Foxtrot—Reisman's Orchestra, "When You Come to the End of the Day" (Westphal) (EA581).
 9.57: Piano duet—Arden-Ohman, "Ragamuffin" (Greer) (EE165).
 Foxtrot—Shilkret's Orchestra, "Junior" (Donaldson) (EA599).
 Foxtrot—Waring's Pennsylvanians, "When My Dreams Come True" (Berlin) (EA592).
 Foxtrot—Reisman's Orchestra, "Gay Love" (Clarke) (EA625).
 Foxtrot—Waring's Pennsylvanians, "My Sin" (de Sylva) (EA592).
 10.12: Humour—Leonard Henry, "When Did the Village Blacksmith Say?" (Henry) (B3013).
 Foxtrot—Shilkret's Orchestra, "Used to You" (de Sylva) (EA587).
 Foxtrot—All Star Orchestra, "My Dream Memory" (Clare) (EA608).
 Foxtrot—Shilkret's Orchestra, "Why Can't You?" (de Sylva).
 Foxtrot—The Troubadours, "My Song of the Nile" (Bryan) (EA625).
 Waltz—The Troubadours, "My Heart is Bluer Than Your Eyes" (Bryan) (EA612).
 10.30: Piano duet—Victor Arden, Phil Ohman, "Dance of the Paper Dolls" (Tucker) (EE166).
 Foxtrot—Vallee's Connecticut Yankees, "Miss You" (Tobias) (EA634).
 Foxtrot—Reisman's Orchestra, "Ain't Misbehavin'" (Razaf) (EA612).
 Foxtrot—Vallee's Connecticut Yankees, "The One in the World" (Little) (EA582).
 10.42: Foxtrot—George Olsen and His Music, "Reaching for Someone" (Leslie) (EA599).
 Vocal duet—Dora Maughan and Walter Fehl, "Eggs, Toast and Coffee" (Merrill) (B3000).
 Foxtrot—Hylton's Orchestra, "You're the Cream in My Coffee" (de Sylva) (B5650).
 Foxtrot—Vallee's Connecticut Yankees, "Every Moon's a Honeymoon" (Wimbrow) (EA581).
 Foxtrot—Hylton's Orchestra, "To Know You Is To Love You" (de Sylva) (B5650).
 Waltz—Reisman's Orchestra, "Evangeline" (Rose) (EA615).
 11.0: God Save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, JULY 8.

SILENT DAY.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, JULY 8.

- 3.0: Chimes. Selected gramophone records.
 4.25: Sporting results.

- 4.30: Close down.
 5.0: Chimes. Children's hour, conducted by Uncle Pete.
 6.0: Dinner session—"Columbia" Hour.
 Band—Royal Italian Band, "Marcia Reale" (Gabetti) (01182).
 Instrumental—Court Symphony Orchestra, "In Venice" (Sellars).
 Kinema 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."
 'Cello—W. H. Squire, "Melody in F" (Popper) (04178).
 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).
 Kinema organ—Stanley MacDonald, "Nicolette" (Batten) (G20401).
 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.
 7.40: Talk—Mr. R. W. Marshall, "Tourist Resorts."
 8.0: Chimes. Programme of music to be rendered by the Kaikorai Band, under the direction of Mr. T. J. Kirk-Burnnand, assisted by 4YA artists.
 March—Band, "Palmer House" (Pettee).
 Intermezzo—The Band, "In a Monastery Garden" (Ketelbey).
 8.9: Soprano—Miss D. M. Sligo, (a) "Singing in the Rain" (Maundrell); (b) "The Little Old Garden" (Hewitt).
 8.15: Organ—Jesse Crawford, "You're the Cream in My Coffee" (de Sylva).
 8.19: Recital—Miss Madge Yates, "Miss Crinoline" (Herbert).
 8.23: Grand selection—The Band, "Reinzi" (Wagner).
 8.38: Bass—Mr. Edward Bond, "Chip of the Old Block" (Squire).
 8.41: Violin—Fritz Kreisler, "Tango" (Albeniz—arrgd. Kreisler).
 8.45: Contralto—Miss Doris M. Aitchison, "I Love the Moon" (Rubens).
 8.48: Brass quintet—The Band, (a) "Eventide" (Round); (b) "Return of Spring" (Round).
 8.55: Tenor—Mr. R. A. Mitchell, (a) "Marcheta" (Schertzinger); (b) "The Diver" (Schirmer).
 9.1: Weather report.
 9.3: Violin—Fritz Kreisler, "La Vida Breve" (de Falla—arrgd. Kreisler).
 9.11: Soprano—Miss D. M. Sligo, "Song of Sunshine."
 9.14: March—The Band, "Queen of the North" (Lithgow).
 Selection—The Band, "2nd Movement from Sonata Pathetique."
 9.25: Recital—Miss Madge Yates, (a) "I Wouldn't be too Ladylike" (Herbert); (b) "Extract from Gallipoli" (Masefield).
 9.31: Bass—Mr. Edward Bond, (a) "Pass! Everyman" (Sanderson); (b) "Gay Highway" (Drummond).
 9.38: Patrol—The Band, "Jamie's Patrol" (Douglas).
 9.43: Contralto—Miss Doris M. Aitchison, (a) "The Dream Minuet" (Beethoven); (b) "The Flight of Ages" (Bevan).
 9.49: Organ—Jesse Crawford, "My Sin" (de Sylva) (H.M.V. EA601).
 9.52: Tenor—Mr. R. A. Mitchell, "Mary of Argye" (Glenn).
 9.56: March—The Band, "Dunedin City" (Kirk-Burnnand).
 10.0: God Save the King.

Wednesday, July 9

1YA, AUCKLAND (900 KILOCYCLES)—WEDNESDAY, JULY 9.

- 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.
 Instrumental—Royal Opera Orchestra, "Praeludium" (Jarnfeldt).
 'Cello—Pablo Casals, "Melody in F" (Rubinstein) (DA833).
 Waltz—Royal Opera Orchestra, "Eugin Onegin" (Tchaikowsky).
 Balalaika Orchestra, "Shining Moon" (Russian folk song) (EA48).
 6.12: Tacet.
 6.15: Suite—Paul Whiteman's Orchestra, "Suite of Serenades" (Herbert) 1. Spanish; 2. Chinese; 3. Cuban; 4. Oriental. (EB26).
 Waltz—Philadelphia Symphony Orchestra, "Tales From the Vienna Woods" (Strauss) (ED2).
 6.27: Tacet.
 6.30: Instrumental—Royal Opera Orchestra, "Berceuse" (Jarnfeldt).
 'Cello—Pablo Casals, "Traumeri" (Schumann) (DA833).
 Male Quartet—The Rounders, "Chlo-F" (Kahn) (EA402).
 Instrumental—San Francisco Symphony Orchestra, (a) "Serenade" (Volkman); (b) "Flight of the Bumble Bee" (Rimsky-Korsakov).
 6.42: Tacet.
 6.45: Instrumental—Chicago Symphony Orchestra, (a) "Valse Triste" (Sibelius); (b) "Funeral March of a Marionette" (Gounod).
 March—San Francisco Symphony Orchestra, "Marche Militaire" (Schubert) (ED9).
 6.57: Tacet.
 7.0: News and Market Reports.

- 7.40: Talk—Madame Mabel Milne, "Health and Diet."
 8.0: Chimes.
 Overture—National Military Band, "The Flying Dutchman" (Wagner).
 8.9: Vocal duet, and quartet, New Zealand Four, "2nd Tenor-Baritone" duet: "When the Great Red Dawn is Shining" (Sharpe). 1st. Tenor Solo: "Dear Love Remember Me" (Marshall). Quartet: "Nellie Was a Lady" (Parks).
 8.22: Violin solo—Miss Daphne Higham, "Romance from 2nd Concerto Op. 22" (Wieniawski).
 8.27: Elocution—Miss Marian Irving, (a) "Tea and Talk" (Bush); (b) "Naughty Words."
 8.34: Soprano Cornetist—Mr. A. E. W. Webb, "Silver Threads Among the Gold" (Rimmer).
 8.38: Organ—Leslie James, "Medley of Old Songs." (H.M.V. EA623).
 8.41: Baritone—Mr. Eric Mannall, "Mother o' Mine" (Tours).
 8.45: Piano, Duo (two pianos)—Misses Moira and Betty Tinline, (a) "Rondo Op. 175 No. 2" (Gurlitt); (b) "Valse Des Fleurs" (Tschai-kowski).
 8.54: Vocal duet solo and quartet—New Zealand Four, 1st Tenor Bass duet, "Star of the Desert Sky" (Alexander); 2nd Tenor solo, (a) "World That Once Was a Garden" (Lohr); (b) "Birth of Morn" (Leoni). Quartet, (a) "Motherland" (Parks); (b) "Fatalities" (Parks).
 9.8: Evening Weather Forecast and Announcements.
 9.10: Waltz—Vienna Philharmonic Orchestra, "Dorfschwalben" (Strauss).
 9.18: Violin—Miss Daphne Higham, (a) "Serenade" (Drdla). (b) "Coronach" (Baratt).
 9.26: Elocution—Miss Marian Irving, "Misunderstood" (Anon.).
 9.30: Orchestral—De Groot and His Orchestra, "When Summer is Gone" (Harrison) (H.M.V. B3035).
 9.33: Piano Duo (two pianos)—Misses Moira and Betty Tinline, "Arensky Suite No. 2 Op. 15" (Arensky).
 9.38: Bass—Mr. A. Gibbons Taylor, "Bashful Tom" (Kemp).
 9.42: Soprano corset—Mr. A. E. W. Webb, (a) "Ave Maria" (Schubert); (b) "Killarney" (Balfe).
 9.50: Vocal Quartet—New Zealand Four, "The Old Home Town" (Parks).
 9.54: Band—Band of H.M. Coldstream Guards, "Selection of Leslie Stuart's Songs" (arrgd. Hume) (H.M.V. C1628).
 10.2: God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, JULY 9.

- 2.30: Relay from Athletic Park of a description of the Football Match—British Rugby team v. New Zealand Maoris.
 God Save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—WEDNESDAY, JULY 9.

- 3.0: Afternoon session—Gramophone recital.
 4.25: Sports results.
 4.30: Close down.
 5.0: Children's hour—"Uncle John."
 6.0: Dinner session—"Columbia" Hour:
 Orchestra—Orchestre Symphonique de Paris, "L'Arlesienne Suite" (Bizet): (1) Prelude; (2) Entr'acte—Pastorale, l'Eclat de Vacances; (3) Chœurs—Suivant la Pastorale (Columbia 01324-5).
 6.12: Tacet.
 6.15: Selection—Columbia Symphony Orchestra, "Faust" (Gounod) (02708).
 Violin—Toscha Seidel, "Chanson Arabe" (Rimsky-Korsakov) (09505).
 6.27: Tacet.
 6.30: Orchestral—Orchestre Symphonique de Paris, "L'Arlesienne": (1) La Cuisine de Castelet; (2) Minuetto; (3) Le Carillon; (4) Adagietto (Bizet) (01326-7).
 6.42: Tacet.
 6.45: Orchestral—Orchestre Symphonique de Paris, "Farandole" ("L'Arlesienne"—Bizet) (01323).
 Band—Band Garde Republicaine de France, "Carmen Entr'acte."
 6.56: Tacet.
 7.0: News session.
 7.30: Addington Stock Market reports.
 8.0: Chimes. Operatic and Miscellaneous Programme:
 Overture—Marek Weber's Orchestra, "Selection from 'Faust'" (Gounod).
 8.9: Baritone—Mr. J. Francis Jones, "Song of the Bow" (Aylard).
 8.13: 'Cello—Mr. Harold Beck, "Hamabdil" (Bantock).
 8.16: Mezzo-soprano—Miss Leila Black, (a) "The Crescent" (Sanderson); (b) "When All Was Young," from "Faust" (Gounod).
 8.22: Piano recital with introductory comments—Sydney Francis Hobson: (a) "Barcarolle" (Offenbach—Moszkowski); (b) "Minstrels" (Debussy); (c) "Sheep and Goat Walking in the Pasture" (Guion).
 8.38: Recitation—Miss Winifred Smith, (a) "The Old Stage Queen" (Wilcocks); (b) "Dickens in Camp" (Bret Harte).
 8.44: Instrumental—Christchurch Broadcasting Trio, "Andante and Scherzo from Trio in D Minor" (Mendelssohn).
 8.54: Tenor—Mr. Syd. Andrews, "Lolita" (Buzzi Peccia).
 8.58: Chorus—Light Opera Company, "Gems from 'Cavalleria Rusticana'."
 9.1: Weather report and station notices.
 9.3: March—Bloy's Banjo Band, (a) "Torchlight Parade" (Bulch).
 Selection—Band, "Welsh Songs" (arr. Louis W. Bloy).
 Selection—Band, "Maori Songs" (arr. Louis W. Bloy).
 Chorus—Band, "Popular Choruses" (Louis W. Bloy).

- 9.21: Baritone—Mr. J. Francis Jones, (a) "Blow, Blow, Thou Winter Wind" (Sargeant), (b) "The White Dawn is Stealing" (Cadmán).
 9.27: Cello—Mr. Harold Beck, "Arlequin" (Popper).
 9.30: Mezzo-soprano—Miss Leila Black, "Sognai" (Schira).
 9.34: Orchestral—Royal Opera Orchestra, "Sylvia Ballet—Pizzicata and Procession of Bacchus" (Delibes) (H.M.V. C1418).
 9.38: Humorous recitation—Miss Winifred Smith, "Selena Smith's Shopping Stunt" (M.S.).
 9.43: Instrumental—Christchurch Broadcasting Trio, (a) "Minuet in E Flat" (Beethoven), (b) "Slavonic Dance No. 3" (Dvorak).
 9.51: Tenor—Mr. Syd. Andrews, (a) "My Remembrance" (Cowen), (b) "Winged Wishes" (Willeby).
 9.56: Orchestral—Philadelphia Symphony Orchestra, "Danse Oriental." God Save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, JULY 9.

- 3.0 : Chimes. Selected gramophone items.
 3.15: Talk—Home Science Department of Otago University, under auspices of 4YA Primary Productions Committee, "The Value of Fish in the Diet—Some ideas on the cooking and serving of fish."
 4.25: Sporting results.
 4.30: Close down.
 5.0 : Children's hour, conducted by Big Brother Bill.
 6.0 : Dinner music—"H.M.V." Hour:
 Selection—Kauffman's Orchestra, "The Gipsy Baron" (Strauss).
 Waltz—La Vittoria Orchestra, "Wedding of the Winds" (Hall).
 6.12: Tacet.
 6.15: Orchestral—Piccadilly Orchestra, "If Only I Had You" (Davies) (B2713), "Lolita" (Ferrete) (B2713).
 Hawaiian—Kolomoku's Honoluluans, "Aloha Oe" (Liliuokalani).
 Orchestral—Piccadilly Orchestra, "Charmaine" (Rapee) (B2528).
 6.27: Tacet.
 6.30: Selection—New Mayfair Orchestra, "This Year of Grace" (Coward).
 Orchestral—Waring's Orchestra, "Ah! Sweet Mystery of Life" (EB37).
 Hawaiian—Kolomoku's Honoluluans, "Three O'Clock in the Morning."
 6.42: Tacet.
 6.45: Orchestral—Victor Concert Orchestra, "Minuet in G" (Paderewski).
 Orchestral—Victor Concert Orchestra, "Amaryllis" (Thys) (BA240).
 Orchestral—Piccadilly Orchestra, "Bird Songs at Eventide" (Coates).
 Waltz—International Concert Orchestra, "Blue Danube" (Strauss).
 6.57: Tacet.
 7.0 : News session.
 7.15: Talk—J. O. Wallace Department of Agriculture, under auspices of 4YA Primary Productions Committee, "Crop Certification."
 8.0 : Chimes.
 March—Novelty Saxophone Band, "Down the Main Street" (Weidt).
 Tone poem—The Band, "Twilight in the Mountains" (Weber).
 8.9 : Soprano—Miss Rita Holmes, "Farewell to Summer" (Johnson).
 8.13: Violin and piano—T. Ferrant and J. Moore Wilson, "When My Dreams Come True" (Berlin); "Sleepy Valley" (Hanley).
 8.21: Debate—Otago University Debating Society v. Law Debating Society, "Is the Modern Girl Decadent?"
 8.50: Characteristic Saxophone Band, "Coon's Birthday" (Carter); "Lovable and Sweet" (Clare).
 8.57: Contralto—Miss Netta H. Wilkie, "The Meeting of the Waters" (trdtl).
 9.0 : Weather report.
 9.2 : March—Saxophone Band, "Local Pride" (Alford).
 Selection—Saxophone Band, "Fragrant Flowers" (Goodell).
 9.9 : Soprano—Miss Rita Holmes, (a) "Open Thy Blue Eyes" (Massenet).
 (b) "Sing to Me the Auld Scotch Songs" (Leeson).
 9.15: Piano novelty—Mr. J. Moore Wilson, "Flapperette" (Grier).
 9.20: Contralto—Miss Netta H. Wilkie, (a) "The Little Old Garden" (Hewitt), (b) "Ships of Arcady" (Head).
 9.26: Galop—Saxophone Band, "Blue Streak" (Allen).
 9.29: Violin and piano—T. Ferrant and J. Moore Wilson, "That's What Put the 'Sweet' in 'Home, Sweet Home'" (Lowry).
 9.32: Foxtrot—Palais Royal Orchestra, "Lousie" (Whiting) (Regal G20527).
 Foxtrot—Ambassadors' Band, "My Man" (Channing) (01566).
 Foxtrot—Willis Creager's Orchestra, "On Top of the World Alone."
 Foxtrot—Ambassadors' Band, "Second-Hand Rose" (Clarke) (01566).
 9.42: Hawaiian—Milford's Hawaiian Players, "Hawaiian Hotel" (Nainas).
 Foxtrot—The Harmonians, "When My Dreams Come True" (Berlin).
 Foxtrot—Paul Whiteman's Orchestra, "China Boy" (Winfree) (07025).
 Foxtrot—Stellar Dance Band, "This is Heaven" (Yellen) (Regal).
 Waltz—The Piccadilly Players, "Lisette" (Major and Andrew) (01568).
 9.57: Soprano—Marie Burke, "I'd Rather Be Blue Over You" (Rose) (01652).
 Foxtrot—Paul Whiteman's Orchestra, "I'm in Seventh Heaven" (07023).
 Foxtrot—Paul Whiteman's Orchestra, "Oh, Miss Hannah" (Deppen).
 Foxtrot—Paul Whiteman's Orchestra, "Little Pal" (De Sylva) (07023).
 Foxtrot—Rhythmic Troubadours, "You're the Cream in My Coffee."
 10.12: Hawaiian—Milford's Hawaiian Players, "Honeymoon Chimes" (Brown).
 Foxtrot—Royal Canadians, "This is Heaven" (Yellen) (01632).
 Foxtrot—Royal Canadians, "I Get the Blues When It Rains" (Weaver).
 Waltz—Milford's Hawaiian Players, "Kawaihan" (Hawaiian Air).
 10.24: Soprano—Marie Burke, "You Kiss My Hand, Monsieur" (Erwin).
 Foxtrot—Rhythmic Troubadours, "Jericho" (Robin) (Regal G20532).
 Foxtrot—The Piccadilly Players, "I Found You Out When I Found You In" (O'Flynn-Pence) (01568).
 Foxtrot—Ray Starita's Ambassadors, "Ever So Goosey" (Wright).
 Foxtrot—Rhythmic Troubadours, "Do Something" (Green) (Regal).

- Foxtrot—Ipana Troubadours, "To Be in Love" (Turk) (01660).
 10.42: Hawaiian—Milford's Hawaiian Players, "Aloha Land" (Herzer).
 Foxtrot—All-Star Trio, "Dream Mother" (Burke) (01630).
 Foxtrot—Rhythmic Troubadours, "To Know You is to Love You."
 Foxtrot—Corona Dance Band, "Ola!" (Baer) (Regal G20519).
 Waltz—All-Star Trio, "Evangeline" (Jolson) (01630).
 11.0 : God Save the King.

Thursday, July 10

1YA, AUCKLAND (900 KILOCYCLES)—THURSDAY, JULY 10.

- 3.0 : Afternoon Session—Selected Studio Items, including Literary Selection by Announcer.
 3.15: Home Science Talk—Prepared by Home Science Service Extension Service Otago University, "Woolen Clothing."
 4.30: Close down.
 5.0 : Children's Session—Conducted by "Peter Pan."
 6.0 : Dinner Session, "Columbia" Hour.
 March—National Military Band, "National Emblem" (Bagley).
 Cello—W. H. Squire, "The Broken Melody" (Van Biene) (04180).
 Albert Sandlers' Orchestra, "I Kiss Your Hand, Madame" (Erwin).
 Kinema 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 Sandlers' Orchestra, "Chalita" (Schertzing) (01467).
 Padilla's Marimba Serenaders, "Paree" (Padilla) (Regal G20344).
 Piano—Gil Dech, "Sometimes I'm Happy" (Youmans) (01205).
 Royal Serbian Tambouritz Orchestra, "Serbian Melody" (01490).
 6.42: Tacet.
 6.45: Intermezzo—Ketelbey's Orchestra, "Bells Across the Meadow" (Ketelbey) (02695).
 Rio Marimba Serenaders—"Dolores Waltz" (Waldteufel).
 Organ—G. T. Pattman, "Worryin' Waltz" (Fairman) (01344).
 March—National Military Band, "Stars and Stripes" (Sousa).
 6.57: Tacet.
 7.0 : News and Market Reports.
 7.40: Talk—Mr. C. J. Adcock, Right and Wrong—Can there be a real Asia—Part 2.
 8.0 : Chimes.
 Overture—Roy Brinsden and His Royal Squadron Syncopators, (a) "Martial Moments" (Winter); (b) "Good-Night Waltz" (Bibo).
 8.13: Soprano—Mrs. Ella V. Hines, "The Maid and the Moon" (Coates).
 8.17: Vocal and Instrumental—Frank Wade and His Melody Boys, (a) "Hawaiian March Medley"; (b) "When the Moon Shines Down" (Austin).
 8.26: Orchestral—Roy Brinsden and His Royal Squadron Syncopators, (a) "Sparklets" (Miles); (b) "Memories" (Alstyne).
 8.33: Novelty Duo—Bohemian Duo, (a) "I'm Following You" (Dreyer); (b) "Latest Hit" (Dreyer).
 8.41: Orchestral—Roy Brinsden and His Royal Squadron Syncopators, (a) "American Medley" (Somers) foxtrot, (b) "Kicking a Hole in the Sky" (MacDonald). (c) "Cooking Breakfast for the One I Love" (Tobias).
 8.54: Soprano—Mrs. Ella V. Hines, (a) "Love Flower" (de Sylva); (b) "Some Day I'll Make You Love Me" (Grey).
 9.1 : Evening Weather Forecast and Announcements.
 9.3 : Orchestral—Roy Brinsden and His Royal Squadron Syncopators, (a) "Eleanor" (Dippen); (b) "Piggly Wiggle" (Banall).
 9.6 : Vocal and Instrumental—Frank Wade and His Melody Boys, (a) "Seeing Nellie Home" (Robinson); (b) "It Won't Be Long Now" (Bibo).
 9.14: Trombone—Mr. George Osborne, "Trombone Troubles" (own arrgt.).
 9.18: Novelty Duo—Bohemian Duo, (a) "Lily of Laguna" (Stewart); (b) "Latest Hit" (Stewart).
 9.26: Foxtrot—Roy Brinsden and His Royal Squadron Syncopators, (a) "Maritana" (Wallace).
 Xylophone solo—Roy Brinsden, (a) "Nights in the Woods" (de Bazi).
 9.32: Programme of Dance Music, "Brunswick."
 Foxtrot—Tom Gerun and His Orchestra, "The New Step" (Titworth-Cowan) (4519).
 Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "Blondy" (Rubila) (4594).
 Foxtrot—Abe Lyman and His California Orchestra, "Lucky Me Lovable You" (Yellen-Ager) (4609).
 Foxtrot—Jack Denny and His Royal Hotel Orchestra, "Hang on to Me" (Klages-Greer) (4594).
 Foxtrot—Abe Lyman and His California Orchestra, "Love Ain't Nothing But the Blues" (Goodwin-Alter) (4609).
 9.45: Vocal—Bob Miller and His Hinky Dinkers, "When I Put On My Long White Robe" (Miller) (4553).
 Foxtrot—Slatzrandall and His Orchestra, "I'd Do Anything For You" (Friend-Pollack) (4562).
 Foxtrot—Lloyd Huntley and His Isle o' Blues Orchestra, "Head Low" (Cabizajo) (4643).
 9.54: Waltz—Carl Fenton and His Orchestra, "Rock Me to Sleep in Your Arms" (A. P., and C. De Voll) (4578).
 Foxtrot—Tom Gerun and His Orchestra, "The Web of Love" (Titworth-Cowan) (4519).

- Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "Pretty Little You" (Ryan-Violonsky) (4551).
- Foxtrot—Mill's Hotsy Totsy Gang, "Some Fun" (Von Eps) (4498).
- Foxtrot—Jack Denny and His Mount Royal Hotel Orchestra, "Why Can't You Love That Way" (Bourne-Val-Creamer) (4561).
- 10.9 : Vocal—Duet—Al and Pete, "At Nesting Time" (Bontsema) (4670).
- Foxtrot—Louis Kaizman and His Brunswick Orchestra, "Once Upon a Time" (Thompson-Stamper) (4546).
- Foxtrot—Jesse Stafford and His Orchestra, "Feelin' the Way I Do" (Gillespie-Cooke and Moret) (4627).
- Foxtrot—Lloyd Huntley and His Isle o' Blues Orchestra, "Same Old Moon—Same Old June" (Friend) (4643).
- Waltz—Bob Haring and His Orchestra, "All That I'm Asking is Sympathy" (Davis-Burke) (4578).
- 10.24 : Foxtrot—Meyer Davis' Hotel Astor Orchestra, "A Year From To-day" (Jolson-MacDonald-Dreyer) (4561).
- Foxtrot—Slatzrandall and Hiss Orchestra, "Blame It On the Moon" (Baxter) (4562).
- Foxtrot—Meyer Davis' Hotel Astor Orchestra, "He's So Unusual" (Sheman-Lewis-Silver) (4561).
- 10.33 : Vocal—Bob Miller and His Hinky Dinkers, "Golden Wings" (Miller).
- Foxtrot—Jesse Stafford and His Palace Hotel Orchestra, "Don't Want Your Kisses" (Fisher-Broones) (4548).
- Foxtrot—Tom Clines and His Music, "Time Will Tell" (Gilbert-Baer).
- Foxtrot—Meyer Davis' Hotel Astor Orchestra, "Love" (Amor-Janis-Goulding) (4546).
- Foxtrot—Tom Clines and His Music, "Perhaps" (Quizas) (4575).
- Waltz—Jesse Stafford and His Palace Hotel Orchestra, "Until the End" (Fisher-Broones) (4548).
- 10.51 : Foxtrot—Jimmie Joy and His Orchestra, "Harmonica Harry" (Baxter).
- Foxtrot—Jesse Stafford and His Orchestra, "Last Night Honey" (McCarthy-Monaco) (4627).
- Foxtrot—Jimmie Joy and His Orchestra, "Can't You Understand" (Osterman-Young) (4640).
- 11.0 : God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, JULY 10.

- 12.0 : Chimes. Results of Second Day of the Winter Meeting of the Wellington Racing Club, interspersed with studio items.
- 3.15 : Home Science—"Woollen Clothing." Talk prepared by Home Science Extension Service, Otago University.
- 4.55 : Close down.
- 5.0 : Children's session.
- 6.0 : Dinner music session, "Columbia" hour.
- Orchestral—Herman Finck and His Orchestra, "Waldteufel Memories."
- 'Cello—W. H. Squire, "Gavotte" (Mehul) (03646).
- Mandolin Band—Circolo Mandolinistico, "Torna a Surriento."
- 6.13 : Tacet.
- 6.15 : Band—B.B.C. Wireless Military Band, "Dance of the Tumblers."
- Octet—Squire Celeste Octet, "Funeral March of a Marionette."
- Saxophone—Hazlett, "Valse Inspiration" (Hazlett) (01627).
- Orchestral—Plaza Theatre Orchestra, "Pearl o' Mine" (Fletcher).
- 6.28 : Tacet.
- 6.30 : Waltz—New Concert Orchestra, "Nights of Fragrance" (Ziehrer).
- Quartet—Squire's Celeste Octet, "Air on G String" (Bach) (01713).
- Saxophone—Chester Hazlett, "To a Wild Rose" (MacDowell) (01627).
- Orchestral—Plaza Theatre Orchestra, "Bal Masque" (Fletcher).
- 6.43 : Tacet.
- 6.45 : Selection—Circolo Mandolinistico, "Stephanie Gavotte" (Ozibulka).
- Band—B.B.C. Wireless Military Band, "Goliwog's Cake Walk."
- 'Cello—W. H. Squire, "Madrigale" (Simonetti) (03646).
- Waltz—New Concert Orchestra, "Vienna Maidens" (Ziehrer) (02979).
- 6.57 : Tacet.
- 7.0 : News session, market reports and sports results.
- 7.40 : Talk—Mr. L. D. Webster, the seventh of a series, "Some Varieties of Music."
- Studio Concert by the Wellington City Silver Band (Conductor, Mr. C. A. Forrest), and 2YA Artists.
- 8.0 : Chimes.
- March—The Band, "Galvini" (Lithgow).
- 8.6 : Soprano—Miss Gwladys Edwardes, (a) "You Lay so Still in the Sunshine" (Coleridge-Taylor); (b) "Thou Hast Bewitched Me My Beloved" (Coleridge-Taylor).
- 8.12 : Piano—Mr. Eric Sharp, "Waltz Caprice" (Strauss-Tansig).
- 8.18 : Baritone—Mr. Cyril McCheyne, (a) "I Know Where I'm Going" (Hughes); (b) "Boat Song" (Ware).
- 8.24 : Selection—The Band, "La Gypsy" (Rimmer).
- 8.34 : Humour—Mr. Will Bishop will entertain at the piano.
- 8.44 : Vibraphone—Miss Joyce Morgan, (a) "Stars of the Summer Night" (Woodbury); (b) "Sweet and Low" (Barnby).
- 8.50 : Contralto—Miss Gwenyth Evans, (a) "You've Got Your Mother's Eyes"; (b) "Give Me Youth and a Day."
- 8.56 : Duet—Bandsmen E. Colvin and L. Baker, "Les Pearls" (Williams).
- 9.1 : Weather forecast and announcements.
- 9.3 : Soprano—Miss Gwladys Edwardes, (a) "Thou Art Risen My Beloved"; (b) "The Rainbow Child" (Coleridge-Taylor).
- 9.9 : Vibraphone—Miss Joyce Morgan, (a) "Believe Me if all Those Endearing Young Charms"; (b) "Juanita" (Traditional and Harris).
- 9.15 : Yodel songs—Edelweiss Yodlers, (a) "S'Malche" (Milking) (Krenzer and Schmalz); (b) "Saawn" (Skimming) (Traditional).
- 9.21 : Selection—The Band, "Il Flauto Magico" (Mozart).
- 9.31 : Humour—Mr. Will Bishop will again entertain.

- 9.41 : March—The Band, "Kneller Hall" (Greenwood).
- 9.45 : Contralto—Miss Gwenyth Evans, "A Summer Night" (Goring-Thomas).
- 9.49 : Marimba solo—W. W. Bennett and Bournemouth Municipal Orchestra, "Zip Zip" (Byron Brooke) (Col. 01910).
- 9.52 : Baritone—Mr. Cyril McCheyne, "Night" (Landon Ronald).
- 9.56 : Humoresque march—The Band, "Ding Dong Dell" (Trenchard). "Powerful" (Carter).
- 10.6 : God Save the King.

3YA, CHRISTCHURCH (930 KILOCYCLES)—THURSDAY, JULY 10.

- 3.0 : Afternoon session, gramophone recital.
- 3.15 : Home Science—"Woollen Clothing" Talk arranged by the Home Science Extension Department, Otago University.
- 4.25 : Sports results.
- 4.30 : Close down.
- 5.0 : Children's Hour, "Ladybird and Uncle Frank."
- 6.0 : Dinner session, "Columbia" Hour.
- Selection—Court Symphony Orchestra, "The Windmill Man" (02909).
- J. H. Squire's Celeste Octet, "Scene de Ballet" (De Beriot, arrd. Sear).
- Halle Orchestra, "Hungarian Dance No. 5 in G Minor" (Brahms).
- 6.13 : Tacet.
- 6.15 : Plaza Theatre Orchestra, "The Three Bears Phantasy" (Coates).
- J. H. Squire's Celeste Octet, "A Vision of Christmastide" (Harrison).
- 6.27 : Tacet.
- 6.30 : Regimental Band of H.M. Grenadier Guards, "La Benediction des Poignards" (Meyerbeer) (02931).
- Bournemouth Municipal Orchestra, "Echoes of the Valley" (Gennin).
- J. H. Squire's Celeste Octet, "Second Movement from 'Symphonie Pathetique'" (Tschalkowsky, arrgd. Robertson) (02937).
- Halle Orchestra, "Hungarian Dance No. 6 in D" (Brahms) (01677).
- 6.43 : Tacet.
- 6.45 : Bournemouth Municipal Orchestra, "The Merry Brothers" (Gennin).
- Regimental Band of H.M. Grenadier Guards, "Lo, Here the Gentle Lark" (Bishop, arrgd. Godfrey) (02931).
- Herman Finck's Orchestra, "Christmas Memories" (arrgd. Finck).
- 6.57 : Tacet.
- 7.0 : News session.
- 7.30 : Talk—Mr. A. Leslie, M.R.C.V.S., "Some Sheep Disease connected with Lambing."
- 8.0 : Overture—Madrid Symphony Orchestra, "Danza Espagnola No. 6"
- 8.5 : Mixed Quartette—The Melodious Four, "On Himalaya" (Bantock).
- 8.9 : Soprano—Miss Frances Hamerton: (a) "Bend Low Thine Ear" (Besley); (b) "L'ete" (Besley).
- 8.14 : Instrumental—Studio Instrumental Octet (Conductor: Mr. Harold Beck) "Tingal's Cave" (Mendelssohn).
- 8.22 : Tenor—Mr. Russell Sumner: (a) "Sandalled Feet" (Carse); (b) "Hey, Ho! The Wind and the Rain" (Quilter).
- 8.27 : Duet, Soprano and Contralto—The Melodia Duo: (a) "Oh! To be in England" (Saville); (b) "Queen Mab" (Saville).
- 8.31 : Violin—Yelly D'Aranyi, "Hungarian Dance No. 8" (Brahms-Joachim).
- 8.34 : Baritone—Barend Harris: (a) "The Driver" (Sung in English); (b) "Shomeir Yisroel" (Sung in Hebrew) (The Guardian of Israel).
- 8.44 : Instrumental—Studio Instrumental Octet: (a) "2nd Movement from 1st Symphony" (Beethoven); (b) "Turkish March" (Beethoven).
- 8.50 : Sketch—Mrs. K. Hartshorn and Miss Naare Hooper, "Saving Samuel" (Anon.).
- 9.30 : Instrumental—Studio Instrumental Octet, "Intermezzo" (Gustav-Holst).
- 9.40 : Baritone—Barend Harris: (a) "A Chazan Auf Chabbos" (Yiddish) (A Cantor for the Sabbath); (b) "Out Where the Big Ships Go" (English); (c) "Elegie" (English).
- 9.50 : Violin—Yelly D'Aranyi, "Poeme Hongroise" (Hubay) (Col. 03584).
- 9.55 : Contralto—Miss Belle Renaut, "Loveliest of Trees" (Somervell).
- Duet, tenor and bass—The Yeomen Duo, "Sink, Red Sun" (Del Riego).
- Mixed Quartette—The Melodious Four, "Wings of the Sweet Springtime" (Percival).
- 10.3 : Instrumental—Studio Instrumental Octet, "Henry VIII Dances" (German).
- God Save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, JULY 10.

SILENT DAY.

Friday, July 11

1YA, AUCKLAND (900 KILOCYCLES)—FRIDAY, JULY 11.

- 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—Berlin State Opera Orchestra, "Polonaise" (Liszt).
- Violin—Isolde Menges, "Nocturne in E Flat, Op. 9, No. 2" (Chopin).
- 6.13 : Tacet.
- 6.15 : Band—H.M. Coldstream Guards, "La Fille de Madame Angot."
- Piano—Mark Hambourg, "Rakoczy March" (Liszt) (C1439).

- Orchestral—John Barbirolli's Chamber Orchestra, "A Little Night Music—1st Movt." (Mozart) (C1655).
- 6.29: Tacet.
- 6.30: Orchestral—John Barbirolli's Chamber Orchestra, "A Little Night Music—2nd, 3rd, 4th Movts." (C1655/6).
- Piano—Mark Hambourg, "On Wings of Song" (Mendelssohn).
- 6.44: Tacet.
- 6.45: Quartet—Virtuoso String Quartet, "Londonderry Air."
- Quartet—Virtuoso String Quartet, "The Emperor Quartet, Op. 76, No. 3" (C1470) (Haydn).
- Violin—Isolde Menges, "Air on G String" (Bach) (D1288).
- 6.58: Tacet.
- 7.0: News and market reports.
- 7.40: Talk—Mr. J. F. Montague, "Maori Pronunciation and Place Names."
- 8.0: Chimes. Overture—1YA Orchestral Octet, under the direction of Mr. Eric Waters, "King Midas" (Ellenberg).
- 8.10: Contralto—Miss Aimee Clapham, (a) "O Love From Thy Power—Samson and Delilah" (Saint Saens); (b) "Now's the Time to Love—Mireille" (Gounod).
- 8.17: Orchestral—1YA Orchestral Octet, "Danse Hongroise" (Moszkowsky).
- 8.21: Elocution—Mr. J. F. Montague, Dramatic Recital, "Thomas Atkins."
- 8.29: Mezzo soprano—Madame Mary Towsey, "Romance" (Debussy).
- 8.33: Orchestral—1YA Orchestral Octet, "Grasshoppers' Dance."
- 8.37: Baritone—Mr. John Bree, (a) "Tre Giorni" (Pergolese); (b) "I Will Not Grieve" (Schumann).
- 8.44: Orchestral—1YA Orchestral Octet, Suite, "The Merchant of Venice."
- 8.54: Evening weather forecast and announcements.
- 8.56: Mezzo-soprano—Madame Mary Towsey, (a) "The Cloths of Heaven" (Dunhill); (b) "I Have Twelve Oxen" (Ireland).
- 9.2: Orchestral—1YA Orchestral Octet, "Reverie and Danse Russe."
- 9.10: Elocution—Mr. J. F. Montague, Humour. (a) "Hiring a Taxi" (Kipling); (b) "Gunga Din" (Kipling).
- 9.20: Orchestral—1YA Orchestral Octet, "Hillside Melody" (Phillips).
- 9.24: Baritone—Mr. John Bree, "To Mary" (White).
- 9.28: Orchestral—1YA Orchestral Octet, "Polish Dance" (Scharwenka).
- 9.38: Lecture-recital—A Commentator, "Latest Gramophone Recordings." God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, JULY 11.

- 8.0: Chimes. Selected studio items.
- 3.30 and 4.30: Sporting results.
- 4.55: Close down.
- 5.0: Children's session.
- 6.0: Dinner session—"H.M.V." Hour.
- Selection—New Mayfair Orchestra, "Lilac Time" (Schubert-Clutsam).
- Orchestral—Royal Opera Orchestra, "Carmen Ballet No. 1" (Bizet).
- 6.12: Tacet.
- 6.15: Orchestral—National Symphony Orchestra, "William Tell Overture."
- 6.27: Tacet.
- 6.30: Instrumental—Royal Opera Orchestra, "Sylvia Ballet—Pizzicato and Procession of Bacchus" (Delibes) (C1418).
- Orchestral—Royal Opera Orchestra, "Carmen Ballet, No. 2" (Bizet).
- 6.42: Tacet.
- 6.45: Orchestral—London Symphony Orchestra, "Chanson de Matin."
- Trio—Fritz and Hugo Kreisler and Michael Raucheisen, "Arlesienne Intermezzo" (Bizet—arrgd. Kreisler) (DB1166).
- Instrumental—Philadelphia Symphony Orchestra, "Nocturne No. 2—Fetes" (Debussy) (E507).
- 6.57: Tacet.
- 7.0: News session, market reports and sports results.
- 7.40: Lecturette—Mr. D. McKenzie, "The Laws of Rugby."
- 8.0: Chimes.
- 8.1: "A Day in Arcady." A musical whimsicality in three acts, presented by The Arcadians Musical Comedy Company, assisted by the 2YA Orchestra.
- Act 1.—The Home of the Pools, Ngaio.
- Act 2.—Arcady.
- Act 3.—Same as Act 1.

Cast of Characters

(in order of appearance).

Bonical Pool Miss Gracie Kerr
 Peter Pool Mr. Cedric Gardiner
 Father Time Mr. Arthur Brady
 Dante Mr. Eric North
 Galatea Miss Madge Freeman

The musical numbers will be rendered by the following members of the company:

Monica Pool Ena Rapley
 Peter Pool Arthur Haley
 Father Time Arthur Brady
 Dante Edwin Dennis
 Galatea Madge Freeman

Choruses by the Company.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, JULY 11.

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

- 5.0: Children's hour, "Chuckie."
- 6.0: Dinner music session—"H.M.V." Hour:
- Instrumental—Reg. King's Orchestra, "Garden in the Rain" (Gibbons).
- Instrumental—Reg. King's Orchestra, "The Song I Love" (De Sylva).
- Waltz—International Concert Orchestra, "Gold and Silver" (Lehar).
- Instrumental—Victor Olof Sextet, "Cherry Ripe" (Scott) (B2697).
- 6.12: Tacet.
- 6.15: Waltz—International Concert Orchestra, "La Spagnola" (Di Chiara).
- Orchestral—Victor Concert Orchestra, "Romance" (Tschalkowsky).
- Violin—Isolde Menges, "Salut d'Amour" (Elgar) (D1813).
- 6.26: Tacet.
- 6.30: Instrumental—Piccadilly Orchestra, "Friend o' Mine" (Sanderson) (B2857), "None but the Weary Heart" (Tschalkowsky).
- Orchestral and Grand Organ—International Concert Orchestra, "My Treasure" (Beucoci) (Zonophone EF15).
- Instrumental—Victor Olof Sextet, "Minuet" (Boccherini) (B2697).
- 6.42: Tacet.
- 6.45: Instrumental—Jack Hylton's Orchestra, "Melodious Memories" (Finck).
- Waltz—International Novelty Orchestra, "Emperor" (Strauss) (Zono).
- 6.57: Tacet.
- 7.0: News session.
- 7.30: Talk—Mr. D. Cosgrove, "First of series of Radio Service Talks."
- 8.0: Chimes. Popular and Dance Programme.
- Overture—Band of H.M. Coldstream Guards, "Down South" (Bratton).
- 8.5: Baritone—Mr. A. G. Thompson, (a) "Fairy Lights" (Lohr), (b) "Your Looking-Glass" (Woolmer).
- 8.10: Instrumental—Studio Instrumental Octet, (a) "Magie of Love" (Vanis), (b) "Aubade Printaniere" (Lacombe).
- 8.18: Duet, contralto and baritone—The Dulcet Duo, "Nile Waters" (Lohr).
- 8.21: Tenor—Mr. Douglas Suckling, "The Fairy Tales of Ireland" (Coates).
- 8.25: Instrumental—Studio Instrumental Octet, (a) "Serenade d'Amour" (Von Blon), (b) "Pizzicata Polca" (Strauss).
- 8.32: Contralto—Miss Nellie Lowe, "Two Eyes of Grey" (Geoch).
- 8.35: Baritone—Mr. A. G. Thompson, "Thinking of Mary" (Bennett).
- 8.38: Humour—Mr. Jack Darragh, "The New Recruit" (MS.).
- 8.43: Instrumental—Studio Instrumental Octet, "Andantino" (Lemare), "Czardas" (Delibes).
- 8.51: Duet, contralto and baritone—The Dulcet Duo, "Grey Days" (Johnson).
- 8.55: Tenor—Mr. Douglas Suckling, (a) "Land of Delight" (Sanderson), (b) "Blarney" (Ambrose).
- 9.1: Weather report and station notices.
- 9.3: Instrumental—Studio Instrumental Octet, "Selections from Musical Comedy 'Sally'" (Kern).
- 9.15: Contralto—Miss Nellie Lowe, (a) "A Farewell to Summer" (Johnson), (b) "Ma Curly-Headed Baby" (Clutsam).
- 9.21: Humour—Mr. Jack Darragh, "The Groom's Story" (MS.).
- 9.26: Instrumental—Studio Instrumental Octet, waltz "All Alone" (Stothart).
- Dance Music until 11 p.m.—"Columbia" Hour:
- Foxtrot—Milt. Shaw's Orchestra, "Walking with Susie" (Gottler).
- Foxtrot—Fred Rich's Orchestra, "Used to You" (De Sylva) (01565).
- Foxtrot—Milt. Shaw's Orchestra, "Breakaway" (Gottler) (01553).
- Foxtrot—Fred Rich's Orchestra, "Why Can't You?" (De Sylva).
- 9.42: Hawaiian—Lizzie Alohioka and Chorus, "Nani Kauak" (Alohioka).
- Foxtrot—Debroy Somers' Band, "The Egg Song" (Salisbury) (01523).
- Foxtrot—Harry Reser's Syncopaters, "I'm Wild About Horns on Automobiles" (Gaskill) (01543).
- Foxtrot—Ted Wallace and His Campus Boys, "Jericho" (Meyers).
- One-step—Debroy Somers' Band, "Shinaniki Da" (Carlton) (01523).
- Waltz—The Cavaliers, "Lady Divine" (Shilkret) (01543).
- 10.0: Organ solo—Milton Charles, "Love's Old Sweet Song" (Molloy).
- Don Voorhees's Orchestra, "Ol' Man River" (Kern) (01406).
- Foxtrot—Ted Wallace and His Campus Boys, "I've Got a Feeling I'm Falling" (Link) (01586).
- Foxtrot—Don Voorhees's Orchestra, "Can't Help Lovin' Dat Man."
- Foxtrot—Andy Sannella's All-Star Trio, "Perfume of Roses."
- 10.15: Vocal duet—Layton and Johnstone, "Carolina Moon" (Davis). (01550)
- Foxtrot—Ernie Golden's Orchestra, "She's Got Great Ideas" (Tobias).
- Foxtrot—Piccadilly Players, "I Lift Up My Finger and Say 'Tweet, Tweet'" (Sarony) (01595).
- Foxtrot—Ernie Golden's Orchestra, "That's Her Now" (Ager) (01559).
- Waltz—The Cavaliers, "Underneath the Russian Moon" (Gusman).
- 10.30: Organ solo—Milton Charles, (a) "From the Land of the Sky-Blue Water." (b) "At Dawning" (Cadman) (01161).
- Foxtrot—Ray Starita and His Ambassadors Band, "Wake Up, Chill'un, Wake Up!" (Trent) (01595).
- Foxtrot—Hal Swan's Cafe Royal Band, "Me and the Man in the Moon."
- Foxtrot—Andy Sannella and His All-Star Trio, "I'll See You Thru."
- Waltz—Eddie Thomas's Collegians, "Billie" (Henderson) (01584).
- 10.45: Hawaiian—Lizzie Alohioka and Chorus, "Liliu E" (Kaiaia) (01282).
- Tango—Anson Week's Orchestra, "Senorita" (Weeks) (01584).
- Foxtrot—Paul Whiteman's Orchestra, "Get Out and Get Under the Moon" (Shay) (07001).
- Foxtrot—Corona Dance Band, "I Faw Down an' Go Boom."
- Foxtrot—Paul Whiteman's Orchestra, "Evening Star" (Turk) (07001).
- Waltz—The Cavaliers, "By-and-By, Sweetheart" (Valentine) (01546).
- Reel—O'Leary's Irish Minstrels, "Turkey in the Straw" (Regal).
- 11.0: God Save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, JULY 11.

- 3.0: Chimes. Selected gramophone items.
- 4.25: Sporting results.

- 4.30: Close down.
 5.0: Chimes. Children's hour, conducted by Aunt Sheila.
 6.0: Dinner music session, "Columbia" hour.
 Suite—Kettelbey's Concert Orchestra, "In a Fairy Realm" (Kettelbey).
 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" (Halvorsen).
 'Cello solo—Gaspar Cassado, "Melodie Arabe" (Glazounov).
 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 (02590/1).
 6.42: Tacet.
 6.45: J. H. Squire's Celeste Octet, "Memories of Mendelssohn" (arr. Sear).
 Columbia Symphony Orchestra, "Bridal Procession" (Grieg) (02622).
 6.57: Tacet.
 7.0: News session.
 8.0: Chimes.
 Overture—Orchestre Symphonique de Paris, "Ballet Egyptien." 1—
 Allegro; 2—Allegretto (Luigini) (Col. 02785).
 8.9: Baritone—Mr. C. S. Hawes, "The Old Superb" (from "Songs of the Sea") (Stanford).
 8.13: Instrumental—4YA Studio Trio, "Trio No. 3" (Mozart).
 8.23: Sketch—Miss Pennie Marshall, "Matilda Who Told Lies" (Belloc).
 8.28: Piano—Mrs. C. Drake, "Impromptu F Minor" (Schubert).
 8.35: Soprano—Miss F. Sumner, (a) "My Gentle Child" (Del Reigo); (b) "The Glorious Land of Spring" (Slater).
 8.40: 'Cello—W. H. Squire, "Slumber Song" (Squire) (Col. L1759).
 8.44: Tenor—Mr. E. W. Robbins, "King Ever Glorious" (from "The Crucifixion" (Stainer).
 8.47: Instrumental—4YA Studio Trio, (a) "Allegro" (Tchereprine); (b) "Song of the Mountains" (Grieg); (c) "Slow Waltz" (Carse).
 8.54: Contralto—Mrs. A. H. Ritchie, (a) "The Praise of God" (Beethoven); (b) "Ring Belis Ring" (Cramer).
 9.0: Weather report.
 9.2: Orchestral—Orchestre Symphonique de Paris, "Ballet Egyptien." 3—
 Andante; 4—Finale (Luigini) (Col. 02786).
 9.10: Baritone—Mr. C. S. Hawes, (a) "The Sweeper" (Henty); (b) "The Devout Lover" (White).
 9.16: Instrumental—4YA Studio Trio, "'Cello and Piano, 2nd and 3rd Movements from Sonata in D" (Mendelssohn).
 9.26: Sketch—Miss Pennie Marshall, (a) "The Kings" (Galsworthy); (b) "Domestic Asides" (Anon).
 9.32: Soprano—Miss F. Sumner, "I am Longing for You" (Marshall).
 9.35: 'Cello—W. H. Squire, "Sicilienne" (Fuare) (Col. L1759).
 9.39: Tenor—Mr. E. W. Robbins, two songs from "Indian Love Lyrics" (a) "Less Than the Dust"; (b) "Kashmiri Love Song."
 9.45: Instrumental—4YA Studio Trio, (a) "Andante from Trio in C Minor" (Brahms); (b) "Scherzo and Finale from 2nd Trio" (Beethoven).
 9.56: Contralto—Mrs. A. H. Ritchie, "Harbour Night Song" (Sanderson).
 9.59: Band—H.M. Grenadier Guards, "Benediction, des Poignards."
 10.3: God Save the King.

Saturday, July 12

IYA, AUCKLAND (900 KILOCYCLES)—SATURDAY, JULY 12.

- 2.45: Relay—Rugby Football Match from Eden Park. Announcer, Mr. Gordon Hutter.
 4.30: Close down.
 5.0: Children's Session, conducted by "Cinderella."
 6.0: Dinner Session, "Parlophone" Hour.
 Fantasia—Edith Lorand Orchestra, "Johann Strauss Fantasia" (Strauss) (A4044).
 Piano and Orchestra—Raie da Costa and Orchestra, "When Day is Done" (de Sylva) (A4041).
 6.12: Tacet.
 6.15: Hawaiian—David Kaili, "Honolulu March" (Parlophone A2464).
 Kinema Organ—Leslie Harvey, "Where the Shy Little Violets Grow" (Warren) (A2695).
 Waltz—Dajos Bela Orchestra, "The Grenadiers" (Waldteufel).
 Saxophone—Arnold Brilhart, "Fascination" (Bernie) (A2676).
 6.28: Tacet.
 6.30: Waltz—Dajos Bela Orchestra, "Polish Life" (Nedbal) (A4008).
 Piano and Orchestra—Raie da Costa and Orchestra, "Sweetheart, I'm Dreaming of You" (Carter) (A4041).
 Instrumental—Dajos Bela Orchestra, "Dancing Demoiselle" (Fall).
 6.42: Tacet.
 6.45: Selection—Edith Lorand Orchestra, "Dollar Princess" (Fall).
 Waltz—Dajos Bela Orchestra, "Casino Tanze" (Gungl) (A4081).
 6.57: Tacet.
 7.0: News and Market Reports.
 8.0: Chimes.
 Relay—Concert by Municipal Band, under the Conductorship of Mr. Christopher Smith, from Auckland Town Hall.
 10.0: (Approx.)—Programme of Dance Music from the Studio, "Columbia Hour."
 Foxtrot—Jack Payne and the B.B.C. Dance Orchestra, "Get Up Nice and Early" (Sarony) (01705).

- Foxtrot—Stellar Dance Band, "The Toymaker's Dream" (Golden).
 Foxtrot—Hal Swain and His Band, "Am I Blue" (Clarke and Akst).
 Foxtrot—Stellar Dance Band, "I'm Thirsty for Kisses, Hungry for Love" (Davis-Coots) (G20608).
 10.12: Vocal—Buddy Morgan and His Veterans, "Don't Get Collegiate" (Rose).
 Foxtrot—Ray Starita and His Ambassadors, "That's What I Call Heaven" (Wimbrow) (01761).
 Foxtrot—Ipana Troubadours, "Steppin' Along" (Kernell) (01722).
 Foxtrot—Ipana Troubadours, "There's Too Many Eyes That Wanna Make Eyes at Two Pretty Eyes I Love" (Davis) (01761).
 Waltz—Stellar Dance Band, "Sleepy Valley" (Hanley).
 Waltz—Hal Swain and His Band, "Let Me Have My Dreams" (Clarke-Akst) (Regal G20616).
 10.30: Vocal—Pete Woolery, "Beautiful" (Stern) (Regal G20622).
 Foxtrot—Stellar Dance Band, "Lonesome Little Doll" (Cowan).
 Foxtrot—Paul Whiteman and His Orchestra, "At Twilight" (Tracey).
 Foxtrot—Jack Payne and the B.B.C. Dance Orchestra, "Wake Up and Dream" (Cole-Porter) (01762).
 Foxtrot—Ipana Troubadours, "Too Wonderful for Words" (Stamper).
 10.45: Vocal—Buddy Morgan and His Veterans, "Sergeant Flagg and Sergeant Quirt" (Klein) (01782).
 Foxtrot—Jack Payne and the B.B.C. Dance Orchestra, "Wake Up and Dream—Looking at You" (Cole-Porter) (01762).
 Foxtrot—Paul Whiteman and His Orchestra, "When You're Counting the Stars Alone" (Rose) (01729).
 Foxtrot—Paul Whiteman and His Orchestra, "Let's Do It" (Porter).
 Waltz—Paul Whiteman and His Orchestra, "Love Me" (Morse).
 11.0: God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, JULY 12.

- 12.0: Results of the Third Day of the Wellington Racing Club's Winter Meeting, interspersed with studio items.
 3.0: Relay description of Football Match from Athletic Park. Announcer, Mr. C. Lamberg.
 4.55: Close down.
 5.0: Children's session.
 6.0: Dinner music 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) (1549).
 Piano solo—Constance Mering, "So Dear" (Caesar) (01224).
 "Waltz Medley," Eddie Thomas' Collegians (02904).
 Saxophone—Rudy Wiedoeft, "Minuet" (Beethoven) (01176).
 6.28: Tacet.
 6.30: Mandoline Band—Circolo Mandolinistico, "La Traviata" Prelude, Acts 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 Mazanetta" (Wiedoeft) (01176).
 Piano solo—Gil Dech, "I Kiss Your Hand, Madame" (Erwin) (01549).
 Eddie Thomas' Collegians, "Beautiful Ohio" (Earl) (02904).
 6.57: Tacet.
 7.0: News session, market reports and sports results.
 7.40: A W.E.A. Lecture: Professor B. E. Murphy, Professor of Economics, Victoria College, "The Economics of Fashion."
 8.0: Chimes.
 8.1: An Old Time Nigger Minstrel Show by the Radio Minstrels and the Salon Orchestra.
 10.0: Dance programme, "Columbia" hour.
 Foxtrot with vocal refrain—Paul Specht's Orchestra, "I Love You, I Love, I Love You" (Firth) (01459).
 Foxtrot—Vern Buck's Orchestra, "What a Girl! What a Night!"
 Foxtrot—Stellar Dance Band, "In the Shadows" (Finck).
 Foxtrot—Piccadilly Players, "Who Did? You Did" (Kalmar) (01492).
 10.12: Waltz—Continental Novelty Quintet, "Sunlight" (Regal G20432).
 Foxtrot—Jan Garber's Orchestra, "Weary River" (Silvers) (01459).
 Foxtrot—Ben Selvin's Orchestra, "If I Had You" (Shapiro) (01469).
 Foxtrot—Stellar Dance Band, "The Song I Love" (de Sylva).
 10.27: Vocal duet—The Trix Sisters, "My Rock-a-bye Baby" (Leslie) (01484).
 Foxtrot—The Piccadilly Players, "Happy-go Lucky Bird" (Kalmar).
 Foxtrot—Ben Selvin's Orchestra, "If You Want the Rainbow" (Rose).
 Foxtrot—California Ramblers, "You're Just a Great Big Baby Doll."
 Foxtrot—California Ramblers, "Bless You Sister" (Robinson) (01865).
 10.42: Waltz—The Cavaliers, "I Loved You Then as I Love You Now" (Axt).
 Waltz—Continental Novelty Quintet, "On Board" (Regal G20432).
 Vocal duet—The Trix Sisters, "I'm Crazy Over You" (Sherman).
 10.51: Foxtrot—Stellar Dance Band, "Heartbroken and Lonely" (Coslow).
 Foxtrot—Piccadilly Band, "A Room with a View" (Coward).
 Foxtrot—Stellar Dance Band, "I Can't Make Her Happy" (Pollack).
 Foxtrot—Piccadilly Band, "Try to Learn to Love" (Coward) (01420).
 11.0: Sporting summary.
 11.10: God Save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, JULY 12.

- 3.0: Afternoon Session Gramophone Recital.
 4.25: Sports Results.
 4.30: Close down.
 5.0: Children's Hour, conducted by Aunt Pat and Uncle Charlie.

- 6.0 : Dinner Session, "Parlophone" Hour.
Waltz—Dajos Bela Orchestra, (a) "Sulamith" (Hansen-Milde); (b) "Mignonette" (Nicholls) (E10571).
Instrumental—Dajos Bela Orchestra, "Eldgaffelin" (Landen) (A4009).
- 6.12 : Tacet.
- 6.15 : Instrumental—Frank Westfield's Orchestra, "Classica" (arrgd. Tisley) 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" (Heinburgh-Holmes) (A4009).
- 6.58 : Tacet.
- 7.0 : News Session.
- 7.30 : Sports Results.
- 8.0 : Chimes.
- Overture—International Novelty Orchestra, "Carmen Sylvia" (Ivanovici) (Zonophone EF28).
- 8.5 : Tenor—Mr. David McGill, (a) "The Heart of a Rose" (Nicholls); (b) "Obstination" (De Fontenailles).
- 8.11 : Violin—Miss Irene Morris, "Aubade" (D'Ambrosio).
- 8.14 : Vocal duets at the piano—The Joyous Pair, (a) "I'm Following You" (Dreyer); (b) "When My Dreams Come True" (Dreyer).
- 8.22 : Hawaiian—Walter Kalomoku's Honoluluans, "Southern Melodies Waltz No. 1" (trdtl.) (Zonophone A345).
- 8.26 : Sketch—The Mascots, "The Reason Why" (Mrs. Barry Pain).
- 8.36 : Organ—Jesse Crawford, "How About Me" (Berlin) (H.M.V. EA499).
- 8.39 : Bass—Mr. Leslie Fleming, (a) "La Paloma" (Yradier); (b) "The Dream Tryst" (Cadman).
- 8.45 : Instrumental—Studio Instrumental Trio, (a) "At Evening" (Pache); (b) "Farewell My Love" (Lehar); (c) "Serenade to the Moon" (Espoff).
- 8.55 : Chorus—Male Chorus, "Over There Medley" (H.M.V. EB33).
- 8.59 : Weather Report and Station Notices.
- 9.1 : Novelty—Syd. Howard, Vera Pearce and Company, "Our Village Concert" (H.M.V. C1782).
- 9.9 : Tenor—Mr. David McGill, (a) "Thank God For a Garden" (Del Riego); (b) "Bird Songs at Eventide" (Coates).
- 9.15 : Violin—Miss Irene Morris, "Swing Song" (Ethel Barnes).
- 9.19 : Vocal duets at the piano—The Joyous Pair, (a) "Lucky Me Lovable You" (Milton-Ager); (b) "A House on the Hilltop" (Wayne).
- 9.27 : Instrumental—Christchurch Broadcasting Trio, "Vienna Life" (Strauss).
- 9.37 : Sketch—The Mascots, "Mrs. Amblet Records Her Vote" (Herbert-Sargent).
- 9.48 : Hawaiian—Walter Kolomoku's Honoluluans, "Southern Melodies No. 2" (Traditional) (Zonophone A345).
- 9.52 : Bass—Mr. Leslie Fleming, "Funiculi Funicula" (Denza).
- 9.56 : Organ—Jesse Crawford, "I'll Get by as Long as I Have You" (Turk).
Dance Music until 11 p.m. "H.M.V." Hour.
- 10.0 : Foxtrot—Nat Shilkret and His Orchestra, "Nobody But You" (Goodwin-Edwards) (B5691).
Foxtrot—Jack Hylton and His Orchestra, "Orange Blossom Time" (Goodwin).
- Foxtrot—Nat Shilkret and His Orchestra, "Your Mother and Mine" (Goodwin-Edwards) (B5691).
- Foxtrot—The Rounders, Jack Hylton and His Orchestra, "Singin' in the Rain" (Freed-Brown) (B5700).
- Foxtrot—The High Hatters, "Low Down Rhythm" (Klages-Green).
- 10.15 : Waltz—Leo Reisman and His Orchestra, "Dance Away the Night" (Thompson-Stamper) (EA647).
Humour—Norman Long, "Is It British?" (K. and G. Weston) (B2580).
- 10.21 : Foxtrot—Henry Busse and His Orchestra, "Since I Found You" (Ruby Perkins) (EA648).
Foxtrot—Waring's Pennsylvanians, "Button Up Your Overcoat" (de Sylva-Brown-Henderson) (Victor 21861).
Foxtrot—Charles Dornberger and Orchestra, "Maybe—Who Knows" (Tucker-Schuster-Etting) (EA651).
Foxtrot—Waring's Pennsylvanians, "My Lucky Star" (de Sylva) (Victor 21861).
- Foxtrot—Leo Reisman and His Orchestra, "Doing the Boom Boom" (Conrad-Mitchell-Gottler) (EA652).
- 10.36 : Waltz—Henry Busse and His Orchestra, "Like a Breath of Spring Time" (Dublin-Burke) (EA648).
Vocal—Norman Long, "I Think of You" (K. and G. Weston) (B2580).
- 10.42 : Foxtrot—Victor Arden, Phil Ohman and Their Orchestra, "Love Your Spell is Everywhere" (Janis-Goulding) (EA642).
Foxtrot—Nat Shilkret and His Orchestra, "You Made Me Love You, Why Did You?" (Lombardo-Kippel) (EA647).
Foxtrot—Leo Reisman and His Orchestra, "Look What You've Done To Me" (Conrad-Mitchell-Gottler) (EA652).
- 10.51 : Waltz—Ben Pollack and His Park Central Orchestra, "You're Always in My Arms" (McCarthy-Tierney) (EA646).
Foxtrot—Ben Pollack and His Park Central Orchestra, "Sweetheart We Need Each Other" (McCarthy-Tierney) (EA646).
Foxtrot—Charles Dornberger and Orchestra, "I Want to Meander in the Meadow" (Wood and Tobias) (EA651).
- 11.0 : God Save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, JULY 12.

- 1.30 : Running description of football matches at Carisbrook by Rev. A. L. Canter.
- 4.30 : Close down.
- 5.0 : Children's hour, conducted by Aunt Anita.
- 6.0 : Dinner session, "H.M.V." hour.
Orchestral—Boston Symphony Orchestra, "Frühlingstimmen."
Organ—Jesse Crawford, "Serenade" (Rombert) (EA638).
Band—National Military Band, "Ben Hur" (Byng) (A365).
- 6.18 : Tacet.
- 6.15 : Orchestral—Vienna Philharmonic, "Dorfschwalben" (Strauss).
Violin—David Wise, "Canzonetta" (D'Ambrosio) (Zono. 5420).
Orchestral—Jack Hylton and His Orchestra, "Steppin' Out" (Vauchant).
- 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."
Orchestral—International Novelty Orchestra, "Four Little Farms."
- 6.43 : Tacet.
- 6.45 : Orchestral—Jack Hylton and His Orchestra, "Old Time Songs."
Violin—David Wise, "Cavalleria Rusticana" (Mascagni) (Zono. 6420).
Orchestral—Jack Hylton and His Orchestra, "Lonesome Little Doll."
- 6.59 : Tacet.
- 7.0 : News session.
- 8.0 : Relay of vaudeville programme from 3YA, Christchurch.
- 10.0 : Dance programme, "Brunswick" hour.
Foxtrot—Six Jumping Jacks, "The Whoopie Hat Brigade" (Siegel).
Foxtrot—Cotton Pickers, "No Parking" (Chase) (4440).
Foxtrot—Six Jumping Jacks, "Piccolo Pete" (Baxter) (4457).
Waltz—Bob Haring's Orchestra, "I Love You" (Fisher) (4458).
- 10.12 : Vocal—Harold Lambert, "When the Real Thing Comes Your Way."
Foxtrot—Cotton Pickers, "Moanin' Low" (Dietz) (4446).
Foxtrot—Cotton Pickers, "St. Louis Gal" (Robinson) (4440).
Foxtrot—Lyman's California Orchestra, "Susanna" (Ward) (4423).
Foxtrot—Al Goodman's Orchestra, "After Thinking it Over" (Davis).
Foxtrot—Bob Haring's Orchestra, "Song of Siberia" (Lewis) (4493).
- 10.30 : Organ and vibraphone—Lew White, "Honey" (Simons) (4386).
Foxtrot—Lyman's California Orchestra, "Junior" (Donaldson) (4423).
Foxtrot—Bob Haring's Orchestra, "The Moonlight March" (Newman).
Foxtrot—Bob Haring's Orchestra, "At Close of Day" (Klages) (4458).
Waltz—Colonial Club Orchestra, "My Song of the Nile" (Bryan).
- 10.45 : Vocal duet—The Dixie Stars, "Sweet Mandy" (4459).
Foxtrot—Carl Fenton's Orchestra, "The World's Greatest Sweetheart."
Foxtrot—Colonial Club Orchestra, "If You Believe in Me" (Gilbert).
Foxtrot—Carl Fenton's Orchestra, "Smiling Irish Eyes" (Ruby).
Foxtrot—Carl Fenton's Orchestra, "Love is a Dreamer" (Green).
- 11.0 : God Save the King.

Sunday, July 13

1YA, AUCKLAND (900 KILOCYCLES)—SUNDAY, JULY 13.

- 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. Andrew's Church. Preacher: Rev. Ivo Bertram. Organist: Dr. Neil McDougall.
- 8.30 : (Approx.)—Royal Philharmonic Orchestra, "Pax Vobiscum."
Contralto—Miss Distin Strange, (a) "Life's Epitome" (Rae); (b) "If I Lost the Stars" (Drummond).
Instrumental trio—Studio Trio, "Scherzo from Trio, Op. 8" (Brahms).
Vocal duet—Misses Edith and Distin Strange, "When Song is Sweet."
Instrumental trio—Studio Trio, (a) "Ave Maria" (Schubert); (b) "Fragment from 2nd Pathetic Symphony" (Tschalkowsky).
Choral—Westminster Abbey Special Choir, "Exsurge Domine."
Soprano—Miss Edith Strange, (a) "Someone Singing in My Garden" (Forster); (b) "Love Here is My Heart" (Silesu).
Instrumental trio—Studio Trio, "Nocturne in C Minor" (Chopin).
Vocal duet—Misses Edith and Distin Strange, "Venetian Song."
Instrumental trio—Studio Trio, "Three Miniatures" (Bridge). 1—Romance; 2—Infermezzo; 3—Saltarello.
Orchestral—Berlin State Opera Orchestra, "German Dances" (Mozart, arr. Steinbach) (H.M.V. D1624).
- 9.30 : (Approx.)—God Save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, JULY 13.

- 3.0 : Chimes. Selected Studio Items.
- 4.30 : Close down.
- 7.0 : Relay of Evening Service of Taranaki Street Methodist Church. Preacher: Rev. T. R. Richards. Organist and Choirmaster: Mr. H. Temple White.
- 8.15 : (Approx.)—Relay of the Band Recital of the Wellington Municipal Tramways Band from St. James Theatre (Conductor, Mr. E. Franklin).

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, JULY 13.

- 3.0 : Afternoon Session Gramophone Recital.
- 4.30 : Close down.

NOTES and NEWS from the NORTH

- 5.0 : Children's Song Service by children of the Presbyterian Sunday Schools, conducted by Rev. L. McMaster, assisted by the children of the Presbyterian Sunday School.
- 6.15 : Intermission—from Studio of Recorded Music.
- 6.30 : Relay of evening service from Knox Presbyterian Church, Bealey Avenue. Preacher: Rev. T. W. Armour. Organist: Miss Olive Butler, A.T.C.L. Choir Conductor: Mr. A. G. Thompson, B.A.
- 7.45 : (Approx.)—Musical recordings from the Studio.
- 8.5 : (Approx.)—Relay of programme from 4YA, Dunedin.
- 9.30 : God Save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, JULY 13.

- 3.0 : Chimes. Selected Gramophone Items.
- 4.30 : Close down.
- 5.30 : Children's Song Service, conducted by Big Brother Bill.
- 6.30 : Relay of Evening Service from St. Andrew's Street, Church of Christ. Preacher: Pastor W. D. More.
- 7.45 : Philadelphia Symphony Orchestra, "Danse Macabre Op. 40" (Saint Saens) (H.M.V. D1121).
Choir of St. Paul's Cathedral, "Hail Gladdening Light" (Wood). "Angels Ever Loving" (Tschaiakowsky) (H.M.V. B3103).
Piano—W. Backhaus, "Bohemian Dance" (Smetana) "Caprice Espagnole Op. 37" (Moszkowski) (H.M.V. DB1130).
- 8.5 : Relay of concert from H.M. Theatre by St. Kilda Band, under direction of Mr. J. Dixon.
- 9.30 : God Save the King.

Australian Programmes

Thursday, July 3.

- STATION 2FC.—9.44 p.m.: "The Game of Life," a radio phantasy. 10.14 p.m. and 11.27 p.m.: Barrie Brettoner, in classical pianoforte selections.
- 2BL.—9.45 p.m. and 11.8 p.m.: Jack Lumsdaine, the "Radio Rascal," in popular songs at the piano. 10.15 p.m.: Excerpts from "Rigoletto."

Friday, July 4.

- STATION 2FC.—9.33 p.m.: Mr. W. Keblinger, Consul for America, will speak on "The Significance of Independence Day." Following this will be a presentation of John Drinkwater's famous play, "Abraham Lincoln," relayed from 3LO.
- 2BL.—9.30 p.m.: The earlier portion of the programme will consist principally of vocal numbers of American origin, in honour of Independence Day.
- 3LO.—9.30 p.m.: The Studio Orchestra, "The Star-spangled Banner." Following this, the programme as outlined above for 2FC, Sydney, will be presented.
- 3AR.—9.45 p.m.: Community singing transmitted from the Ballarat Town Hall.

Saturday, July 5.

- STATION 2FC.—9.30 p.m.: Concert from the Sydney Town Hall, presented by the Professional Musicians' Orchestra.
- 2BL.—9.37 p.m. and 11.2 p.m.: Fred Bluett, comedian. 10 p.m.: Relay of boxing contest from the Sydney Stadium.
- 3LO.—9.30 p.m.: The Studio Orchestra, "Ruy Blas" and "Berceuse."
- 10.30 p.m.: A special programme has been arranged.
- 3AR.—9.30 p.m.: Relay of 2FC's programme (see above).

Sunday, July 6.

- STATION 3LO.—9.30 p.m. and at intervals throughout the programme: The Collingwood Citizens' Band in marches and classical selections. The remainder of the programme is mainly classical. 10.15 p.m.: A short pianoforte recital from Schubert.
- 3AR.—10 p.m.: Transmission from St. Kilda Town Hall of a grand concert.

Monday, July 7.

- STATION 3LO.—9.30 p.m.: Old-time dance night, with old-time musical items and choruses.
- 3AR.—9.30 p.m.: "Romances of the Sea." 9.45 p.m.: With the masters. Vocal, instrumental, and orchestral selections from the classics. 11.15 p.m.: "Australian Made," a musical sketch.

Tuesday, July 8.

- STATION 3LO.—9.30 p.m. and at intervals throughout the evening: The National Orchestra relaying from the State Theatre. 9.38 p.m.: Half an hour with Mozart. 10.23 p.m.: Pat Hanna and his "Aussies" will entertain. 11.20 p.m.: Aussie and Pom in a comedy interlude. 11.34 p.m.: In the realm of opera: A radio presentation of "Marta" (Flotow).
- 3AR.—9.45 p.m. and 11.10 p.m.: Anna Burke, soprano, in Irish airs. 10.23 p.m.: Debate: "That the League of Nations has Justified its Existence."

Wednesday, July 9.

- STATION 3LO.—9.30 p.m.: Choral music by the Orpheon Choristers. 10 p.m.: Pat Hanna, "The Family Album." 10.30 p.m.: A Brahms interlude. 11 p.m.: A play entitled "The Flowers are Not for You to Pick," a drama possessing an unusual theme.
- 3AR.—Studio reproductions of selected classical music played by the world's leading orchestras.

OUR Auckland correspondent "Call Up" writes:—

Mr. J. F. Montague is to produce a play from 1YA on the evening of July 29, which is quite free from any copyright restriction. This is the popular old three-act comedy "Caste," by T. W. Robertson, which many listeners have probably seen as a stage production. In spite of copyright restrictions it is stated that plays will continue to be given from 1YA, so that listeners have not altogether lost this popular feature of radio entertainment.

THE Rev. Lionel B. Fletcher, of the Beresford Street Congregational Church, who is well known to Auckland listeners, is to broadcast on Sunday, July 13, for the last time before leaving New Zealand to conduct special mission services in England. He conducted the first church service to be broadcast in New Zealand, this being as long ago as 1924, and has since conducted a number of services which have been relayed by 1YA. He has also become very popular with the children, to whom he is known as "Uncle Leo," and has regularly conducted the children's song services from 1YA on Sunday evenings. The Rev. Fletcher will be absent about a year, during which time his place both at 1YA and at the Beresford Street Congregational Church will be taken by the Rev. Albert V. White, who will be known to the children as "Uncle Bert."

AMONG artists to be heard from 1YA during July are the Leys Institute Orchestra, July 23; Helena Venables and Mrs. Clark, who will give a novelty on two pianos, playing popular airs with a full orchestral effect, on July 25; Miss Audrey Holder, a new mezzo-soprano, July 25; Miss Joan

Laird, a former member of the B.B.C. Choir, and Mr. Lorrigan, July 23; Stan. Pritchard, making a reappearance after several months' absence from the microphone; and Mrs. Pearl Owen, contralto, on July 27; and the Orphans' Club orchestra and soloists, on July 31.

IT is now practically definite that the special concerts to be given in connection with Music Week, which is to be held in Auckland in the middle of August, will be broadcast from 1YA, although details are not yet available. Permission to broadcast these concerts was refused at first, the refusal causing a good deal of discussion and much disappointment. Listeners will be pleased, therefore, at the reversed decision.

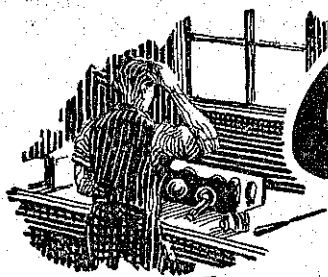
A RECITAL featuring the works of two composers, Richard Strauss and Chaminade, the French feminine composer and pianist, will be given from 1YA on July 25 by Mrs. Daisy Basham, pianist, and Miss Lola Solomon, vocalist. On August 1 another half-hour recital of special interest will be given by Madame Towsey, mezzo, and John Bree, baritone, when "Gloria" will be featured.

AUCKLAND radio dealers report good business at present, and are naturally pleased at the prospect of all-day sessions being given by the local B stations. Although no official announcement has been made, it is considered very likely that another radio exhibition will be held here in the spring. The one last October was most successful, and with the added experience the next show should be even better.

Railway "Trip" Tickets Reduce Travel Costs

If the old saying, "Money Saved is Money Earned," be true, then you EARN money by using 12-trip or 50-trip bearer tickets—respectively 12½ per cent. and 20 per cent. cheaper than ordinary fares. "Trip" tickets are obtainable at all stations, for travel between any two points, and have an unlimited availability. Being transferable, they can be used by yourself, your family, your employees or your friends.

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Questions and Answers



KENT (Wanganui) has built a silk-fronted frame to his baby-grand. The magnet of the speaker touches the frame. Will this damage the tone?

A.: Your silk front is really a silk back. The silk touching the magnet will not interfere with the sound.

2. I get a shrill whistle in my set, but it disappears when one of the valves is pushed down in the socket.

A.: This, probably, is the result of one of the connections being rather loose. If it is possible for you to tighten the socket without getting into difficulties, then tighten the springs. Does the same happen when another valve is placed in the socket? Perhaps it is microphonic detector. Place a lead cap over the glass.

D.C.D. (Auckland), draws our attention to the fact that the 280 valve rectifier is over-loaded in the Loftin White circuit.

A.: It seems to adapt itself to its extra load quite well. Probably the life of the valve will be slightly shortened, but nothing to worry about. It seems to do its job all right.

2. Is there any chance of feeding the field coil of a dynamic speaker without the necessity of a special rectifier?

A.: Yes. The 100-volt D.C. type may be used by connecting it across the + and - terminals of the rectified current. A 3000 ohm. resistance will be necessary in series, but provision must be made for the extra load by using heavier wire on the secondary, say 32.

MEDLEY (Lyttelton): Your method of connecting the A.C. transformer appears correct, only B — and C — are connected to centre tap to earth. You will still need bias batteries. If you wish to eliminate them see the method of voltage drop explained in "All about the all electric."

WILL you give me the number of turns of 14in. tubing to cover 8-125 metres?

A.: You will need a special circuit to cover the ultra short waves. See last week's issue of the "Radio Record."

Metres.	Sec.	Tickler.
15/30	6	5
25/50	13	7
45/90	25	10
90/140	50	26

2. Is there any advantage gained by using a .00015 grid condenser?

A.: The smaller the condenser the better the tuning, for the stations are more widely separated.

E.O.W. (Papatoetoe) recently purchased a "Polar Twin" valve set, and he asks for a wiring plan.

A.: We cannot supply one, and do not know where one can be obtained.

2. The valves are Mullard P.M.3 and P.M.4. Are these correct?—Yes.

3. Is a four-volt accumulator and a dry 45-volt battery all right?

A.: You should get better results with 90 volts B.

4. With aerial and earth disconnected the set only hums and begins to crackle from 50 to 100.

A.: Does anything of the kind happen when the aerial and the earth are connected to the set? If it does it appears that the leaves of the variable condensers are touching.

5. Why cannot I log Dunedin? I can get all the other main stations. It may be your locality or the fact that your set is unsensitive at upper wave-lengths. It may improve with the increased voltage.

D.W. (Te Archa) asks the optimum combination of valves for his set. He sets out several admirable combinations for his set, probably the best being No. 5, with five 221's and a 171. He

should not use a 112 in the second last stage, as he suggests, as the current required by this valve would probably have drastic results on his transformer.

LEARNER (Napier).—I have a seven-valve a.c. set, using two 171's in the last stage. Could these be changed to 245's?

A.: Sorry, Learner, you cannot. Your set is designed to give 180 volts, and to work 245's at this pressure means that you are not giving them a chance to reach maximum efficiency. Furthermore, the bias and filament voltage would be wrong.

2. When the volume control is turned up there is a certain jar in the speaker. Why?

A.: Probably you are overlooking either the speaker or the valves. Two 171's will give only good room strength without overloading. Naturally the volume is limited to the capabilities of the set.

3. Whenever there is a foot-fall near the set there is a crackling noise in the speaker; should this be?

A.: Certainly not. Examine the connections to the aerial, earth and speaker to see if anything is loose. If this fails to reveal the cause of the trouble, call in the dealer who sold you the set.

NEW READER (Hastings) asks how he might fit a pick-up to his set?

A.: Certain makes of pick-ups include an attachment that fits to the socket of the detector valve. If you cannot get hold of one of these, the tips from the pick-up go to the grid of the detector valve and the other to earth or frame of the set. It is understood that the grid of the valve does not mean the grid leak and condenser which precedes it.

2. I run an extension of 50 feet; am I losing volume.

A.: Nothing to speak of, but as it is outside you should be using an output filter. Otherwise a short circuit might result.

R.J. (Feilding) asks which would give the better results from a three-valve screen grid set with accumulators and a charger or a two-valve all-electric set.

A.: The three-valve set would give the better results, though the electric set would be the more simple. However, the s.g. set would be little trouble. What are you doing for the "B" battery?

2. Can the electric light wires be used for an aerial with an electric set?

A.: Yes, with the adaptor, but they are not as efficient as the proper aerial.

"MCA." (Wellington) lives in an apartment house. Two of the tenants have radio sets and licenses. Can he operate a set without a separate license?

A.: No, the regulations require every separate family, whether living in the same house or not and using different wireless sets, must have separate licenses.

"J.J.S." (Wellington) has the parts of an old battery set and wishes to make an A.C. short-wave receiver. He asks us for a circuit.

A.: A.C. shortwave receivers for amateur construction are not simple, and for this reason we have not, up to this time, published a circuit. If you refer to the shortwave adapter in the Radio Listeners' Guide, pages 59 and 80, in

"All About the All-Electric," you will find a detector unit and an amplifier. Connect the plate terminal of the adaptor to "P" of the audio transformer and the cathode to earth. Disregard the r.f. and detector stages in the "Electric."

"W.U.D." (Lyttelton), who is intending to build the Loftin-White amplifier, asks the following questions:

1. Can Philips 1071 valve be used as rectifier?—Yes.

2. Will it operate the amplifier at maximum voltage and also a Magnavox speaker having a field resistance of 7500 ohms, drawing 40 milliamps.

A.: You may use it in the circuit you suggest, but we would advise the speaker and resistance to be shunted with a 1 mfd. by-pass condenser.

3. Is this the best position to place the speaker in the power circuit?

A.: Yes. We presume you will not forget to add the current drawn by the speaker to the amount drawn by the amplifier, which may be as high as 50 mills., and determine the gauge of wire for your transformer and choke accordingly. You will need heavier wire than 36.

"T.S.F." (Merivale) asks for a circuit of a 3-valve receiver, preferably a detector and two stages of audio.

A.: We have not yet published one. Possibly we will do so this season. The R.F. detector, and first audio stages of the B.D. would make an excellent receiver, and it could be used with a short-wave adaptor. It would be better than detector and two A.F.

"KEEN" (Eastbourne) writes: Since receiving your answers to my queries, I purchased "All About the All-Electric" and obtained a 112 for rectifier and a 171 for power purposes. I

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propose to construct the transformer of 1180 turns S.W.G. primary and 36 secondary. Is this all right?

A.: It should be quite all right, although your 112 will be hard put to supply enough rectified current; still, it should do the trick.

2. You were rather heavy-handed in advising me to make a 100 henry choke. It seems rather high after reading the Guide, etc.

A.: A high-inductance choke, although costing more to build, has more smoothing properties than a lower one, though probably the 30 henry choke that you propose to make will give you ample smoothing.

3. I am using a 2000 resistor for the 171 valve, and I cannot get the 2250.

A.: Get a 400 ohm potentiometer, then connect the moving arm and one of the sides in series with it. You will then have adjustable bias over a certain range.

4. What voltage should be on the plate of the 171?

A.: From 150 to 180. Be on the safe side and put another 50 turns on the secondary. The voltage can be easily broken down if too high.

5. I am trying to get 17 watts out put with 180 volts on the plate. Am I on the right track?

A.: You appear to be.

"PUZZLED" (Motueka) asks the following questions concerning a H.R.

1. At certain places on the tuning dial a sharp click has developed which does not always occur.

A.: It sounds as if the vanes of the condenser touch at certain points. Examine these carefully for dust or lack of alignment.

2. The volume does not seem to be right. It comes in full with the rheostat half way on.

A.: Don't let that worry you, many valves operate at maximum efficiency with the stat half way on.

3. Does the question of volume have anything to do with the loudspeaker?

A.: Not the regulation of volume, if that is what you mean, but, of course, some speakers will carry volume very much better than others.

4. I can get the Australians on the 'phones all right. There is no volume on the main stations.

A.: A dozen and one things might cause this. Look through our trouble tracking section in this year's "Guide." It is given on page 128.

5. When tuning to Wellington or Dunedin, neither squeal nor whistle are to be heard. All the other stations howl. Is the set not neutralised properly?

A.: Your neighbours will probably be quite happy because the set doesn't squeal on Wellington or Dunedin, but you are probably on the black list for all others. Don't let your set squeal, but immediately it bursts into oscillation cut back the reaction, and stop it. The fact that it doesn't oscillate on Wellington or Dunedin is nothing much to worry about. It means that these two are on higher wavelengths than the others and as the set is more insensitive to higher wave-lengths than lower, there is not enough reaction in the circuit to make the set oscillate. You might try increasing the detector voltage.

6. There is a little round thing called a Phasastrol. What is its business in the set?

A.: It is a method of neutralisation, and quite a good one, too.

"A MATEUR" (Te Kuiti) has a .00035 and .00025 variable condenser and wishes to use these, in "Round the World Two." Will there be any additions or alterations to the coils?

A.: If you place .001 fixed condenser in series with the .00025, you can use it for tuning instead of altering the coils. The .00035 can be used for reaction.

2. I have a 240/1 and a 24/1 ratio dial. Which would be the better for the tuning.

A.: Use the larger ratio for tuning and the smaller for reaction.

First Aid for the Interference Victim

An Efficient Device

(By "CATHODE")

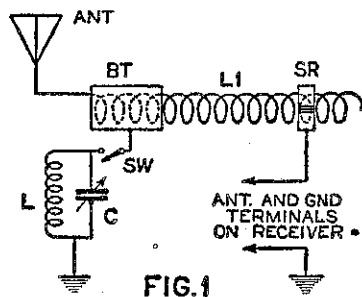
THE following little device is offered as a palliative for interference arising from electric signs, tramways, leaky power lines, and the like. It is also of some service in reducing static, although the fact that it also reduces signal strength, somewhat lessens its usefulness, where long distance reception is aimed at.

The device is known as a resonance wave coil, and, where the receiver and batteries can be completely shielded, is of real service in reducing static. It is not usually convenient to completely shield the receiver and batteries, and,

this point extraneous noise will be at a minimum.

If the resonance coil and rejector circuit can be shielded, so much the better, although quite good results can be obtained without this precaution. Where the mains are used for power supply, best results will not be obtained unless the transformers are provided with electrostatic shields between primaries and secondaries. Unfortunately, not many manufacturers make such transformers, although at least one New Zealand firm will make them to special order.

A RESONANCE wave coil for use on the broadcast band may consist of a three-inch cardboard tube twelve inches long and wound over its entire length with single cotton-covered wire of about 30 or 32 S.W.G. A layer or



of course, an A.C. receiver will let noise in through the power supply. Even without complete shield, however, quite a worth-while reduction in extraneous noise can be obtained with proper adjustment. One must be prepared for a decrease in signal strength, however.

A practical circuit is shown in fig. 1. The resonance wave coil, L1, is a single layer of fine wire wound on a cylindrical former, one end being connected to the antenna, the other left open. BT is a stationary close-fitting brass or copper tube about one-third the length of L1. This tube is connected to a tuned rejector circuit L-C, and thence to ground. SR is another metal tube, which goes direct to the aerial terminal of the receiving set, and is movable over the unused portion of L1. This tube must be slit.

If the guard tube BT were directly grounded, all the signals would be removed as well as the interference. Between BT and the ground, however, a tuned rejector circuit L-C is inserted in such a manner that all frequencies except that to which L-C is tuned go to the ground. The device should not be regarded as an ordinary wavetrap, however.

When a wave strikes the aerial the effect is to put a number of voltage peaks along the resonance wave coil if this is properly designed with a natural period well above the broadcast band. By sliding SR along the coil, a point will be reached where the signal strength is at a maximum, provided the rejector circuit is tuned to the same wavelength as the receiver. At

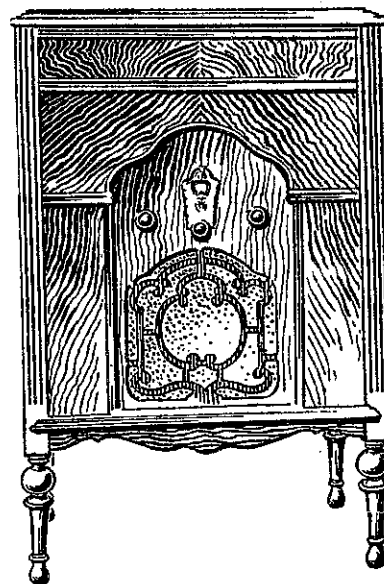
two of strong paper should cover the wire to protect it, and a copper tube four inches long may then be fitted snugly over the antenna end of the coil. The sliding tube is also of copper, but this should be only about one-half to one inch wide; furthermore, the two ends should not join, a quarter-inch separation being about right. This tube should slide easily over the coil.

The coil in the rejector circuit must be of low resistance. Sixty turns or so of 20 S.W.G. enamelled wire wound on a three-inch former will make a good coil, and may be tuned by a shunted condenser of .0005 mfd. maximum capacity.

THE operation of a resonance wave coil is as follows. During the initial tuning, the L-C circuit is cut out by opening the switch SW. The receiver is then tuned in the usual manner and the switch SW subsequently closed. Tune the rejector circuit by means of the variable condenser C for maximum signal strength and minimum noise. Then slide SR over the coil until the best point is found. SR must be changed for every different station received although when searching for stations it may be set at any position.

During periods of freedom from interference, the resonance coil and its associated apparatus may be cut out and the aerial connected direct to the receiver. A switch may be used to short out the whole installation.

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"Rienzi"

Famous Overture From 4YA

AMONG the selections to be played by the Kaikorai Band (under the conductorship of Mr. T. J. Kirk Burnand) at 4YA on Tuesday evening, will be the Overture to "Rienzi," composed by Wagner. Presentation of this will occupy fifteen minutes.

The Overture opens with a few bars of introduction; then we hear, very softly, a well shaped, rather slow tune in the violins ("Rienzi's Prayer"). This proceeds, and is soon taken up, loudly, by the full orchestra. After a time, the music comes to a period, and makes a fresh start (quick and energetic); the wind instruments have loud repeated chords, the cellos and double-basses do rapid downhill scales.

Soon after comes a very striking passage, in which the brass alone thunder out the "Call to Arms" from the opera.

Then comes "Rienzi's Prayer" tune again (but quicker this time than before), and after that the "Call to Arms" again, and then a stirring march-like tune, at first in strings and woodwind softly, but soon afterwards by all the instruments of the orchestra, as loudly as they can.

Out of these tunes the Overture is constructed.

THE overture is widely recorded. On H.M.V. ED8-4, the Philadelphia Symphony Orchestra, under the conductorship of Leopold Stokowski makes an excellent recording. It is a characteristic work of this conductor. The atmosphere is unmistakable—it is there with full and colourful effects. Every instrument can be felt following minutely the direction of the master hand, and the result is perfect orchestration. The balance from the rumbling bass to the twittering strings is perfect throughout. It is a record that can

With GRAMOPHONE and RADIO

BY "B NATURAL"

THE MUSIC OF THE WEEK

be thoroughly recommended as a true interpretation of the famous overture.

A different interpretation is given it by the Regimental Band of the Grenadier Guards' Band on Columbia 9086. The guardsmen are undoubtedly one of the world's best bands, and can always be relied upon to give an excellent rendering of their subject, and this is the case with this overture. Being adapted for the band, it is different in tenure from the rendering of the orchestra. There is more pronounced bass and the mood is more despondent.

Columbia's orchestral recording is found on L1820-1, where the Royal Philharmonic Orchestra is heard under the conductorship of Bruno Walter. The bass is again very strong, with the result that the mood is, as before, truly one of despondency. It is well recorded, and comes out well with an electrical reproducer.

Further Recordings

"Tom Jones."

Opera night at 4YA this week will include excerpts from German's light opera, "Tom Jones," on Columbia 02626, the Grenadier Guards, record band selections. Their choice has been bright and the selections are admirably executed. The music of this comedy is light and airy, with plenty of snap, and the guardsmen, who can always be relied on for a first-class performance, have made a fine record.

AS excerpts from the well-known Gilbert and Sullivan opera, "Pirates of Penzance," are to be presented at 4YA during the week, listeners will be interested in the recordings. On Columbia 02831 vocal selections are rendered by the Columbia Light Opera Company. This is a particularly good record. Opening with the rousing "Pirate King," several well-chosen excerpts are sung. They are unusually clearly enunciated and delightfully rendered. The

Old-Time Songs

IN response to a request from the inmates of an old people's home, 2YA will broadcast an hour's concert of old-time songs on Tuesday afternoon, July 8, commencing at 3 o'clock.

accompanying orchestra is full and fills in the body in fine style. The male voices are particularly good.

BAND selections from this same opera are recorded by the band of the Grenadier Guards on Columbia 3287. This is a succession of bright, swinging tunes admirably played, and well recorded. There are many solos on different instruments to give a pleasing variety.

Moisevitch Recordings.

ON H.M.V. D1280, Benno Moisevitch records two pianoforte solos in his best style. "Polonaise in B Flat Major," by Chopin, has all the melody that haunted the soul of the line exile, Chopin, and it has been preserved in the interpretation given it by Moisevitch. It is a dainty piece—with delicate turns and airs, and is one of the finest of the many polonaises, written by Chopin. Schumann's "Grillon" on the reverse is a vigorous piece, with plenty of contrast and colour, with swinging air, which dies away only to resume in a different strain as the air assumes different moods.

"L'Apprenti Sorcier."

THE New York Philharmonic Orchestra, conducted by Arturo Toscanini, have achieved another success in a new record—"L'Apprenti Sorcier" (the Sorcerer's Apprentice). The story of the record is found elsewhere on this page. With a weird note from a woodwind, followed up by other uncanny effects, the listener is introduced into the abode of the sorcerer. It is punctuated with unusual effects as the apprentice of the sorcerer tries his hand at his master's art. The grotesque humour and freakishness imparted by the author is translated in every detail by the orchestra. The terror of the apprentice when he sees everything filling with water is unmistakable. The chopping of the broom, the confusion following the return of the master and the lifting of the spell is likewise vivid. The recording is quite different from the usual. H.M.V. D.1689.

The Sorcerer's Apprentice

An Intriguing Scherzo

PAUL Dukas is one of the most important figures in modern French music, and was born in Paris in 1865. His reputation rests in a great measure on this witty Symphonic Scherzo, "L'Apprenti Sorcier," composed in 1897, but his ballet, "Le Peri," and opera, "Ariane et Barbe-Bleue" (after the poem of Maurice Maeterlinck), enjoy considerable popularity in France. This cheerful and intriguing Scherzo is founded on Goethe's ballad, "Der Zauberlehrling," of which the story runs on these lines.

A sorcerer's apprentice determines to try his hand at working spells in the absence of his master. He bewitches a broom and sets it fetching water from the river. The spell works well—and soon every receptacle in the house is filled. The time has come for the broom to resume its normal habits, but the now terrified apprentice finds that he has forgotten the formula. Chopping the broom in two only makes matters worse, for both halves carry on the work of water carrying. When the collapse of the house seems imminent, the magician returns and breaks the spell, much to the relief of the panic stricken assistant.

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.

WANTED—"B" Eliminator, suitable for three-valve set or parts for same. Apply "B," "Radio Record."

NEW Cunningham 171A's and 227's Pilot Transformers (push-pull), Drum-dial, condensers, resistances, original cartons; much below cost. "Napier," c/o "Radio Record."

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

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MYSTERIOUS Pocket Light. What makes it light? 4/6. The posted with Spark Pencil, 10/-. Agents wanted. Royds-Howard Co., Colombo Street, Christchurch.

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Standard 45-volt 18/-
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Obtainable at all good radio dealers. If unable to obtain write direct to N.Z. Distributors:

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15 Customs St. East, AUCKLAND.

To Dealers

Usual discounts
apply.
Standards 12 to
the case.
Heavy Duty 8
to the case.

Programme Features

(Concluded from page 11.)

provided by the Studio Octet, under Mr. H. Beck. Dance music till 11 p.m. will follow the concert programme.

At 4YA.

THE concert programme will be contributed by Miss F. Summer (soprano), Mrs. A. H. Ritchie (contralto), Mr. E. W. Robbins (tenor), Mr. C. S. Hawes (baritone), Miss Pennie Marshall (elocutionist), Mrs. C. Drake (pianist), and the Studio Trio. An excellent programme has been arranged.

SATURDAY

Relay from 1YA.

FROM the Town Hall, a concert to be given by the Municipal Band under the conductorship of Mr. Christopher Smith will be relayed. This will be followed by a programme of dance music until 11 p.m.

Nigger Minstrels

2YA Notes.

The station will be on the air at midday in order that the results of the third day of the Wellington Racing Club's winter meeting may be broadcast.

The W.E.A. lecturette will be in the capable hands of Professor B.

E. Murphy, Professor of Economics, Victoria University College. He will speak on "The Economics of Fashion."

The concert session will be devoted to an "Old-Time Nigger Minstrel Show" with songs (plantation and darkey type), negro dialogue, banjos, bones and burnt-cork complete. There will be two corner men with an interlocutor to give the real "minstrel" atmosphere to the proceedings. The orchestral music by the Salon Orchestra will be in keeping with the programme. The dance programme will commence at 10 p.m. and at 11 p.m. the usual sporting summary will be given.

Christchurch Item.

MR. DAVID MCGILL, one of Christchurch's most popular tenor singers will be welcomed back to 3YA after a long absence from the city. Another singer on the evening's programme will be Mr. Leslie Fleming singing "La Paloma," "The Dream Tryst" and "Funiculi, Funicula." The Joyous Pair will contribute popular vocal duets at the piano and sketches will be enacted by the Mascots. Violin solos will be played by Miss Irene Morris, and a programme of instrumental music will be provided by the Broadcasting Trio.

This programme will be relayed to 4YA.

Children's Sessions

From 1YA.

TUESDAY, JULY 8.—The entertainment this evening consists of stories from Uncle Dave, piano solos from Lois, and recitations from our new cousin, Desley.

WEDNESDAY.—Uncle Tom in charge, with amusing tales to tell, and Cousin Shirley singing her tuneful little songs.

THURSDAY.—More winter games explained by Peter Pan, as well as puzzles and Birthday Greetings. Musical items from Cousin Eileen, and sketches from Muriel.

FRIDAY.—Nod and Aunt Jean spending the happy hour with the Radio Family, and entertaining them with stories and music.

SATURDAY.—Assisting Cinderella this evening are the pupils of Miss Blamires, who will provide piano quartets, duets and sketches.

SUNDAY.—Children's Song Service, conducted by Uncle Leo, assisted by Beresford Street Sunday School.

From 2YA.

WEDNESDAY, JULY 7.—Uncle Jeff will have the studio filled to-night by little cousins from Ngaio who have been preparing chorus work. Mrs. Cummings has arranged this treat. Uncle Jess has more riddles and puzzles for you.

TUESDAY.—A special "Japanese Evening" to-night. Little Geisha Girls will be at the studio in their own picturesque costume. Prince Kyoto will take us all on a delightful dream journey to Japan, and will sing to us some of his national songs. Of course Uncle Jim must come, too.

THURSDAY.—Cousin Claude will recount some Maori legends, and Uncle George will also be with us to-night to conduct the session. A special treat will be chorus and orchestral work by the boys from Rongotai College. There will in addition be two pianoforte items by pupils of Gordon Short.

FRIDAY.—To-night there will be a special elocutionary programme by the pupils of Mrs. Martyn Williams, also violin solos by Cousin Edna, and mandolin solos by Cousin Madge. Big Brother Jack and the Story Book Lady will also entertain.

SATURDAY.—Uncle Toby will delight us with his mouth organ solos, and Cousin Hayward has promised to bring his mandolin. Cousin Ailsa and Cousin Jean have written a charming playlet called "A Visit to Butterfly Land." Little Fairies from this Land of Flowers will sing tuneful melodies, and will whisper the doings of the little folk of that country.

SUNDAY.—The Children's Choir from St. James's Presbyterian Church, under the baton of Mr. Brooker, will come along to-night, and Uncle George will conduct the service.

From 3YA.

MONDAY, JULY 7.—"S" is for "Scatterjoy," whose evenings are thrilling; "M" are the "Merry Maids," whose forte is sweet singing.

WEDNESDAY.—"J" is for "John," an uncle young and gay; "P" the Papanui Choir, who will sing a fine lay.

THURSDAY.—"L" is for Ladybird, whose songs are a delight; "T" for Uncle Frank, whose stories we like.

FRIDAY.—"C" is for Chuckle, who "chuckles" away; "G" the "Good-night" said at the end of this day.

SATURDAY.—"S" is for Saturday, the night we like best; "D" is the Dream-man who lulls us to rest.

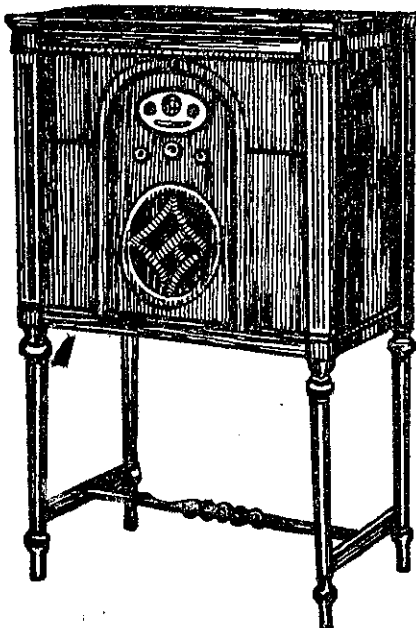
SUNDAY.—The Song Service, at 5.30 tune in, to the children who sing their sweet Sunday hymns.

Radio Listeners' Guide, 1930 Edition.

Dealers and Booksellers 2/6, posted 2/9.
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The Silver employs 8 valves, 4 screen-grid A.C., 2 245 power tubes in push-pull, 1 227 and 1 280 rectifier operating a matched impedance dynamic speaker. All antenna installation is eliminated, as an invisible screen antenna for local and distance reception is employed. Fitted with a phonograph pick-up jack and tuning from below 200 to 600 metres. An automatic voltage regulator for maintaining constant voltage to the set can also be supplied. No other radio receiver has all these advantages.

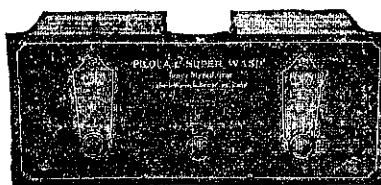
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Prices: Battery Model Kit of Parts £14

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Distributors Australia and New Zealand:

Harringtons N.Z. Ltd.

142 QUEEN STREET (P.O. Box 1484), AUCKLAND.
40-42 WILLIS STREET (P.O. Box 738), WELLINGTON.

Short-Wave News

VOR2, Vienna.

VOR2, the official short-wave transmitter at Vienna, has now definitely altered its wavelengths to 25.42 and 49.49 metres. Although broadcasts are carried out on low power, they are well heard over the greater part of Europe, and have been reported on from Australia and New Zealand.

Athens on Short Waves.

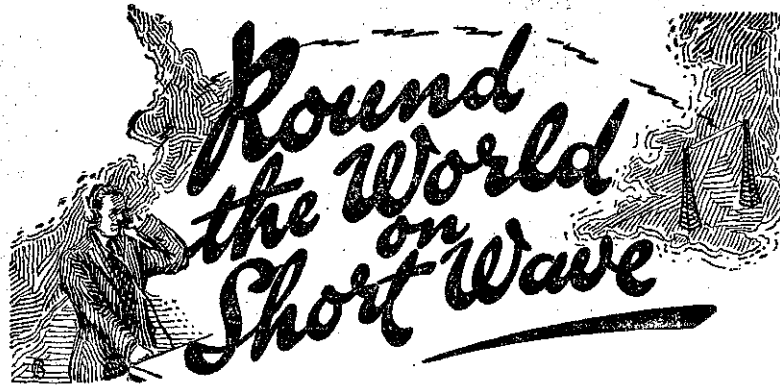
THE Isles of Greece are to be linked up with Athens and the mainland by wireless telephone and telegraph services, for which the Greek Government has ordered equipment. Three of the latest type Marconi stations for duplex telephony and high speed telegraphy are to be erected, one in or near Athens, one on the Island of Crete, and the other on Chios.

ZL2XX, Wellington.

THIS is the best station on short waves just now, working on 62.8 metres, almost every evening.

W9XAA, Chicago.

MR. MORRISON (Wellington) reports hearing W9XAA, Chicago, on Saturday, June 29, from 5.15 p.m. till 5.30 p.m., at about R4-5, 100 per cent. readable, except when fading. A request programme was being presented, the name of the persons asking for the items being given when they were broadcast. Their frequency was given as 6080 kilocycles (49.32 metres). They are on the air from 7 p.m. till 1 a.m. each day local time.



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.

This is 11.30 a.m. till 5.30 p.m. New Zealand time.

Stranger on About 29 Metres.

A STATION has been heard several times during the week at good strength on about 29 metres, or perhaps a fraction less (just above 2ME). Sometimes talk was in a foreign language, possibly German, but on Saturday long periods were spent in "Hullo, 1, 2, 3," etc., with once in a while, "How are you getting me now?" No call was heard, although one evening while speaking in German (?) "Nauen, Germany," was mentioned.

Log for the Week.

Sunday, June 22.

ZEESEN at 8 a.m. was unsteady at R4. A station was tuned in just before noon on about 31.4 metres, when a choir was heard. After this some foreign talk was heard, followed by "This concludes our programme, etc. Good-evening, everybody," going off the air at exactly 12 noon. Reception was quite good at R5.

CJRX was stronger than usual, being R7 at 2.30 p.m., when a speech was being delivered. Readability was poor, but it appeared to be a peace or no more war talk. NRH at 2.30 p.m. was just audible. W3XAL was R5 at 4.30 p.m. KIXR at 8 p.m. was very gushy at R4, but much better at 10 p.m. ZL2XX was excellent at 10 p.m., both as regards volume and quality.

Monday, June 23.

ZEESEN at 6.25 a.m. was R8 when the proceedings of a meeting were being relayed. Talk and laughing among the audience were clearly audible. Music was heard later.

2ME and GBP at 6.30 p.m. were R9 and R5 respectively. On about 29 metres some foreign talk, also English which, except for odd words, was not readable. Volume R7.

RA97 was R8 at 10 p.m. Static was very bad. ZL2XX testing on 62.8 metres was excellent.

Tuesday, June 24.

ZEESEN: 6.30 a.m., R7-8, very noisy background; better at 7.30 a.m. at R9. GBP at 6.30 a.m. was R4, increasing to R7 at 7.30 a.m. 2ME during this period was not audible. 5SW

was only R1 at 6.30 a.m., but reached R7 by 7.30 a.m., but was too gushy to be readable. KIXR at 10 p.m. was very gushy at R8. W2XAF was first heard at 9.10 p.m. with records at R8-9; later they were calling and talking to 2ME, which station was not audible here at that time except through 2XAF. RA97 was very good at R8 at 10.15 p.m.

ZL2XX were again testing on 62.8 metres.

Wednesday, June 25.

AT 6.15 a.m. 5SW was very gushy at R4; at 7.30 a.m. it was R5.

Zeesen at 6.10 a.m. were R5 with slight gush, increasing to R8 by 7.30 p.m. After 7.30 a.m. a talk in English was heard, only odd words being readable, except the last sentence, which was "Peace and goodwill to all men," followed by clapping. German talk was heard after.

GBP and 2ME were both about R8 at 7.30 a.m., but were very weak a while before this time. At 6 p.m. these stations were R6 and R8-9 respectively. On about 32.5 metres, London was being called and the technical operator asked for R7. 3UZ, Melbourne, was R5 at 8.30 p.m. Very gushy. ZL2XX was again excellent at maximum volume. KIXR was very gushy at 10 p.m. at R4. RA97—Static was very bad. Signals R8 at 10 p.m.

Thursday, June 26.

AT 6.30 a.m. 5SW was better than usual, being R7 and steadier than of late. GBP was excellent at R9. 2ME was R7. Zeesen also was better volume with choral items. 2ME, at 7 p.m., was R9, while GBP was not readable here. KIXR was noisy and gushy at R5 at 8.30 p.m., and about the same at 10 p.m., but was much improved by 10.30 p.m. ZL2XX excellent, as usual.

Friday, June 27.

AT 6 a.m. PCJ was just audible, reaching R7 by 7.30 a.m. PCJ was the only station audible till 7 a.m., when GBP and 5SW were very weak. The 29 metre station was tuned in about 6.35 p.m. Talk in English was difficult to follow. Nauen, Germany, was mentioned. Reading and counting with a high frequency note at intervals was heard. Talk in German was heard later. Strength was R9 with a slight gurgle.

2ME and GBP at 7 p.m. were R9 and R4. RA97 at 10 p.m. was R8-9. KIXR, R6 and very gushy. ZL2XX, very loud on 62.8 metres and R8 on first harmonic.

Saturday, June 28.

AT 6.30 a.m. PCJ was the only station audible; this one was R2, increasing to R8 at 7.30 p.m., when they were quite good except for slight gushiness. At 7 a.m. 2ME was R7; GBP R4; and 5SW R4. Zeesen was not heard during this period.

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.
- BURGESS RADIO BATTERIES,** All Radio Dealers.
- KING RADIO RECEIVERS** ... F. J. W. Fear & Co.,
63 Willis Street, 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 AT-WATER 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 Willie St., Wellington.

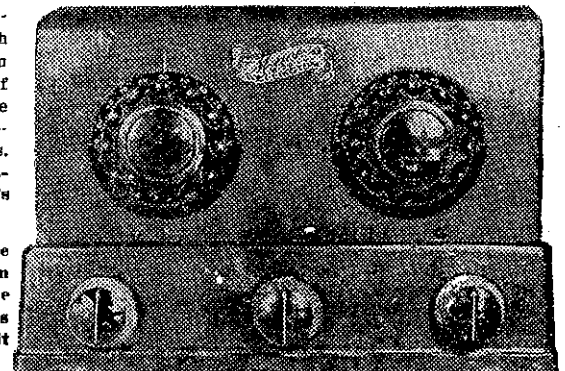
COUNTRY TOWNS

- MAJESTIC, ATWATER-KENT AND RADIOLA ELECTRIC SETS** Radio House, Hamilton.
G. S. Anchor Manager
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For the coming Short-Wave Programmes which will soon be radiated from the leading countries of the world. No set will be complete unless it can receive Short-Wave Stations. This can be done successfully only with Mack's Short-Wave Addaphone.

Any signal that can be heard on the 'phone can be reproduced on the Speaker. So if your set is not a modern one, have it modernized by



Mack's Radio Service,

76 KENT TERRACE,
Telephone 20-798, WELLINGTON.

PCJ at 1 p.m. were R4, with slight gush. Volume increased to R9 by 4 p.m., when quality was much improved. Typical Javanese music was played during the special New Zealand and Australian session. The 29-metre station was heard again from 1 p.m. at R9, with "Hullos" and counting, at intervals, all the afternoon and during the evening.

7.15 p.m., when they "closed the circuit" till 02.00 Monday morning.

W3XAL at 4 p.m. were R5. W9XF were quite good from 4 p.m. at R4, increasing to R9 by 4.30 p.m., when an orchestra "from the world's most beautiful ballroom" was heard.

KIXR was gushy at R5 at 7.30 p.m. Later in the evening they improved, and

but also improved for the duplex talk.

We heard both sides of the conversations by putting 2YA on one speaker (received on a crystal) for Kingsford Smith, and the Australian speakers at 2ME by short-wave set on another speaker. This proved very satisfactory. A Fox Movietone was taken at Sydney of Charley Ulm greeting Smithy, which was staged for the purpose, as Ulm had already greeted Smithy some minutes before.

Conversations continued between W2XAF and 2ME till after midnight. RA97

were R9 at 11.45 p.m. Static was very bad.

THE long strip of a flash-lamp battery is the negative pole, and the short strip the positive.

* * *
THE smaller the condenser which is added to another condenser in series, the greater is the reduction of capacity.

Stations Heard During Week Ending June 29.

ZL2XX, Wellington, 62.8 metres: Each evening.

RA97, Siberia, 70 metres: Each evening except Sun. and Thur.

W9XF, Chicago, 49.83 metres: Saturday.

W3XAL, New Jersey, 49.18 metres: Sunday, and Saturday.

? 32.5 metres: Wednesday.

3UZ, Melbourne, 32 metres: Wednesday.

? 31.4 metres (about): Sunday.

W2XAF, Schenectady, 31.4 metres: Tuesday and Saturday.

ZESEN, Germany, 31.38 metres: Each day except Fri. and Sat.

KIXR, Manila, 31.3 metres: Each day except Monday.

PCJ, Holland, 31.28 metres: Friday and Saturday.

? 29 metres (about): Mon, Fri. and Sat.

NRH, Costa Rica, 30.5 metres: Sunday.

2ME, Sydney, 28.5 metres: Each day except Sunday.

GBP, Rugby, 27.7 metres: Each day except Sunday.

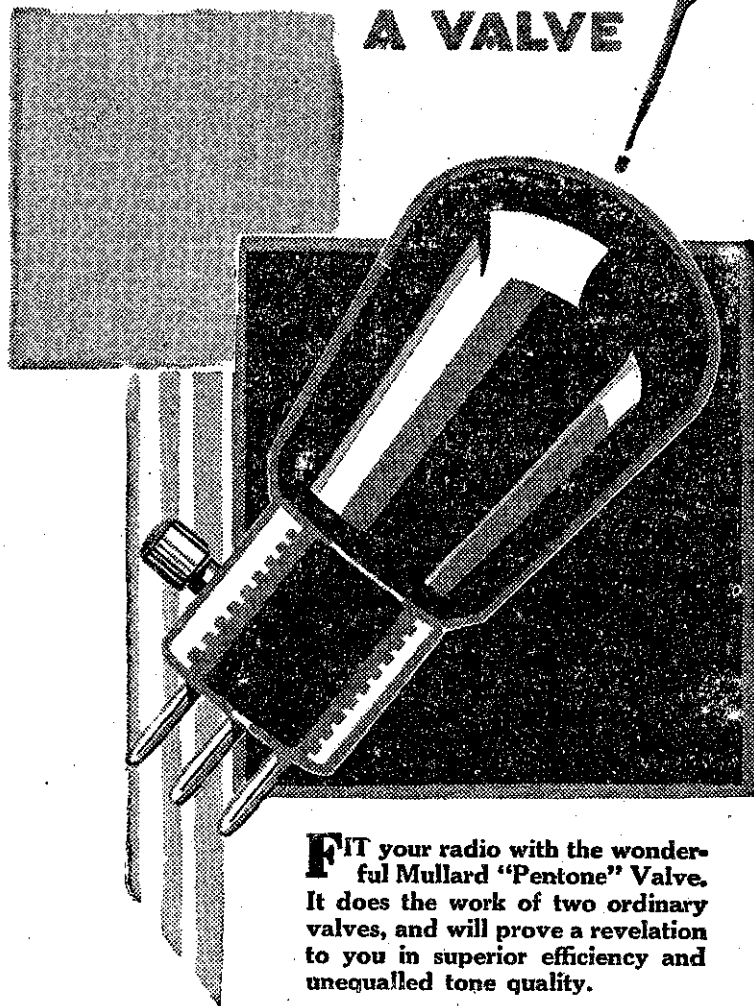
CJRX, Winnipeg, 25.6 metres: Sunday.

G5SW, Chelmsford, 25.53 metres: Each day except Mon. and Sun.

WSXK, Pittsburgh, 25.25 metres: Saturday.

W2XAF was heard from 1 p.m. for a few minutes at R5. When tried for at 1.30 p.m. they were gone. KDKA were R4 at 2 p.m., increasing to R7. GBP opened up about 1.45 p.m. by giving Sydney the latest cricket score. They were R9 then, and continued good strength till nearly 7 p.m., when they went off rapidly. 2ME were good from opening at the same time as GBP till by midnight were R8-9. W3XAL were "on the air" at 9.45 p.m. to relay the Kingsford Smith talk to 2ME. They put on records while waiting, which were received at R9. A morse station started up and wiped out 3XAL before the feature of the evening commenced. W2XAF was R8 at 9.45 p.m., but very gushy, but improved quite a lot soon after. 2ME was R5, and spoilt by morse at first,

THE VALVE THAT SAVES A VALVE



FIT your radio with the wonderful Mullard "Pentone" Valve. It does the work of two ordinary valves, and will prove a revelation to you in superior efficiency and unequalled tone quality.

The "Pentone" is a five-Electrode Power Amplifying Valve, that adds another stage of amplification to your set. No alterations in layout or wiring necessary.

Obtainable in 2, 4, and 6 volts. English or American base, and it can be used with equal success both in battery operated and Electrical Receivers.

Obtainable from all good Radio Dealers.

Sole New Zealand Selling Agents:

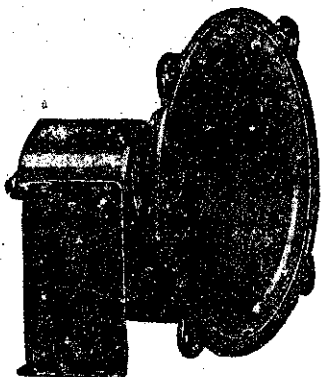
SPEDDING, LTD., 2 Anzac Avenue, Auckland; Dominion Buildings, Wellington; 214 Madras St., Christchurch; 42 Crawford St., Dunedin.

Mullard

THE MASTER VALVE

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A Scientific Achievement



Jensen Nu-Core DYNAMICS Concert 10in. type

This year Hammarlund Manufacturing Co. have approved of JENSEN DYNAMICS for use with their famous BAND-PASS H1-Q 30, so we secured Jensen Agency. NOTE.—The Jensen 6-Volt Dynamic operates at full power from the A.C. Main in conjunction with a "Well-Mayde" or similar 1/2-amp. charger. Cost of Dynamic "Well-Mayde" Charger. £9/12/6.

JENSEN SUPERIORITY:

1. Special Core and Winding (6-volt Speaker takes only 4 amp.)
2. Concert Size, 10in. at 7in. price.
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- 4—Equal reproduction over whole scale—no "bass" boom.

For others, see our Catalogue sent free on request.

Prices: 10in. £6/17/6, for a.c. mains £10

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CHANCERY STREET, AUCKLAND.



The Arapuni Mishap PRIZE POEM COMPETITION

THE suspension, everyone hopes temporary, of the Arapuni power station is a matter on which discussion in detail must be deferred. In the meantime the Government one feels is doing the only right thing in deciding on a full inquiry and the consultation of the best brains within the Empire.

At Hamilton, the suggestion was put forward that the whole scheme, as being too onerous for the Public Works Department, should be placed under the supervision of electricity commissioners. Critics there are many. It is always easy to be wise after an event. At the moment, patience should be exercised and lay criticism avoided.

The most regrettable aspects from the Government's point of view appear to be the loss of valuable customers for electrical supply in Auckland and the surrounding districts and the inevitable increase in unemployment.



The end of a pleasant evening ~

Is always marked by a cosy little supper. Next evening YOU have, serve dainty golden brown cakes and scones of your own baking. A few spoonfuls of—

ANCHOR SKIM MILK POWDER

added while you are mixing them and you'll be ever so proud of the result. More delicious—better appearance—and they keep fresh for DAYS longer.

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THIS week a large number of entries of high literary quality were received, and in the final analysis two poems were selected for first prize. There were "Coal Hulks of Wellington," by F.M.Y., whose robust and picturesque verses bring the tang of the waterways and the call of far countries; and "Reproach," by A.N.I.C., whose contribution is a lovely little poem instinct with love of our own land. To each of these, therefore, is awarded a prize of half a guinea, their work being deemed to be equal in skill of construction and phraseology, though widely different in subject and treatment. Owing to pressure on space, publication of the poem "Reproach" will be deferred until next week.

"Pan": We like your gay little "gooseberry" song. Space will be found for it some time.

"Toad" sends a poetic fragment in serious vein, which is not as good as was his stirring Parody.

"The Cloudlet" appears an unfledged effort. This contributor has imagination and a sense of the sky's changing beauty, but her expression of it lacks the sure touch.

The little "water-colour" of Akaroa is true and lovely, bringing nostalgia for that small lovely town embraced by blue waters.

"John Storm" breaks new ground with "Lovers." His work is always true to form, and often of great charm and appeal.

Coal Hulks of Wellington

COAL hulks of Wellington riding on the tide;
Coal hulks of Wellington anchored side by side;
Gone are the olden days you used to ride the swell,
Stored are your memories with tales you could tell.

Cargoes you have carried, countries you have seen;
Conversations held with brig and barquentine;
Lazy tropic languor, and frozen Northern seas,
Bustling Continental ports—all leave their memories.

Coal hulks of Wellington, the long trick's done!
Kissed by the soft winds and warmed by the sun;
Sheltered by the harbour's arms—so tender and so strong—
Coal hulks of Wellington, may your rest last long!

—F.M.Y.

"The Best Laid Plans"

A Scientist's Endeavours

THE endeavour of a French scientist, Professor Georges Claude, to harness the Gulf Stream for electrical energy, has suffered a serious setback. A message from Cuba states that part of the plant, consisting of a giant steel tube, collapsed and fell into the ocean, when the supporting steel cables snapped like threads. The result of infinite pains and three months' arduous labour was undone in a few seconds. American capital to the extent of some 150 million dollars was invested in the project.

The scheme, however, is not likely to be abandoned. Its object is to utilise solar energy in the tropics by turning to account the difference between the temperature of sea-water at the surface and that at a considerable depth. When developed, it is stated, the process will change the whole character of equatorial regions and communities, now lying dormant. Further, it will be capable of taking from the sea the energy of ten Niaras, and the ocean will be harnessed in a manner undreamed of before. An experimental plant that has been tried out in Belgium proves that the idea is a practical one.

HOT ice-cream for the winter is the latest. Embedded in each is a piece of preserved ginger. Gingering them up!

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Results of the Lighting Competition

High Standard Attained



THE total number of entries exceeded 400, and in general the class of work was of a particularly meritorious standard. This showed that competitors entered into the spirit of the competition, and had devoted close study to the problem with a view to giving a concise sentence expressive of the merits of the lamps advertised.

As we indicated in our announcement would likely be the case, it was found that some words offered more scope for adaptation than others. This was evidenced in the words "Philips" and "Osram." "Siemens" was however, a good third, but competitors apparently found it difficult to make effective use of the initials of the word "Condor," as entries in that class were the lightest of all.

The lamps illustrated were Condor, Osram, Philips and Siemens; but, owing to one of the advertisers in later issues altering the illustration from that with which the competition first began, thus creating a little confusion in the minds of competitors, accuracy in placing the lamps in the order illustrated was not made a requirement of the competition.

Judging was confined to the actual merit of the sentence sent in. The prize was to be awarded the competitor sending in that sentence which, complying with all the conditions, constituted the best sentence, preferably embodying some characteristic of the lamp and its service toward home comfort. This requirement proved of importance in the judging, as it automatically sorted those contributions which simply made positive claims on behalf of the lamp or the business concerned.

SELECTION of the winning entry was arrived at after a close analysis of the whole field and a steady process of elimination. The sentence: "Philips have ideal lamps in pleasing shades" was the best in its conveyance of the atmosphere of appeal to home comfort—ideal lamps in pleasing shades—the phrase connotes perfection in the lamp and artistic satisfaction in adorning shade.

Two competitors from widely scattered points had the fortune to light upon this phraseology, and the first prize is divided between them.

The same requirement of home appeal was invoked in connection with the second prize. Many good sentences were reviewed, but the award finally went to the phrase "Osram sheds radiance and mellowness," because of its suggestion of full illumination with attractive mellowness, as given by "Osram" lamps.

Again in the award of the third prize, identity of phraseology was discovered, two competitors sending in the

FIRST PRIZE:

Order for £10, to be spent either in improved electrical wiring and lighting fittings of the home, or, by permission, in electrical apparatus:—

Mr. Keith A. Dixon, 35 Rimu Road, Kelburn, Wellington.

Mr. H. J. Hicks, Church Street, Mosgiel.

Equal, with the sentence:—

PHILIPS HAVE IDEAL LAMPS IN PLEASING SHADES.

In view of both competitors sending in the same sentence, the prize money is divided.

SECOND PRIZE:

£5, to be spent in improved electrical wiring or fittings:—

Mrs. M. Muir, 13 Pirie St., Wellington:—

OSRAM SHEDS RADIANCE AND MELLOWNESS.

THIRD PRIZE:

Five Orders of £1 each.

Mrs. J. H. Williamson, 12 Meridian St., Port Chalmers:—

SIEMENS IS EXCEPTIONALLY MELLOW, ENSURING NOTABLE SATISFACTION.

H. Millward, Box 142, Wanganui:—

OSRAM SHINES RADIANTLY ABOVE MILLIONS.

Miss McCrostie, Lovell's Flat, Otago:—

OSRAM SHINES RADIANT ABOVE MILLIONS.

Mrs. E. W. Dawson, 26 Hauraki Rd., Takapuna, Auckland:—

CONDOR OPALITE NEVER DAZZLES OR REPELS.

Mr. I. B. Wilson, 22 Weston Rd., Papanui, Christchurch:—

SIEMENS SEMI-INDIRECT ILLUMINATION, ENCHANTINGLY MELLOW, ELIMINATES NOCTURNAL STRAIN.

sentence, "Osram shines radiantly above millions," and "Osram shines radiant above millions."

Philips Lamps.

AFTER several sortings, there remain some 40 entries in the "Philips" class, all worthy of close consideration. In some cases competitors disqualified themselves by not carefully noting the spelling of the word "Philips." There is only one "I", so that two competitors who incorporated an extra "I" were disqualified. Their sentences were quite good, too; for instance—"Philips hand some illuminating lamps literally imitate pure sunlight," and "Philips have invented lovely lamps imitating proper sunlight." Another competitor was not satisfied with incorporating two "I's", but added a third: "Perfect harmony invests lounges luxuriously lighted in Phillips style."

As indicating the closeness of the competition and the rather remarkable manner in which similarity of thought ran through various contributions, it will be interesting perhaps to list a number of the more outstanding contributions. The pick in the "Philips" class is as follows:—

"Philips have ideal lamps in practical styles."

"Philips have innumerable lights in particular shades."

"Philips have ingenious lights in pretty shades."

"Premier homes invariably luxuriate in Philips softness."

"Philips helpful illumination leads in preserving sight."

"Practical help in lighting is Philips' specialty."

"Philips have instituted living in perpetual sunshine."

"Philips have improved lighting, increasing people's satisfaction."

"Philips have improved lighting, introducing perpetual sunshine."

"Osram" Lamps.

"OSRAM," with its five letters, contributed a great number of entries, but largely on account of the limited number of words available, there was not quite the range of ideas displayed as in the case of other classes. A marked similarity of thought is discoverable in the entries—so much so, in fact, that the surprise is that the same idea could be conveyed without actual duplication by competitors in phraseology. Substantially the same number of good entries remain in the final stages as with "Philips," viz., about 40. Here again, it will be interesting to list some examples of the sentences submitted:—

"Osram's softened radiance assists millions."

"Osram suffuses rays around millions."

"Osrams send radiance amongst millions."

"Osram sheds radiance around multitudes."

"Osram showers radiance among men."

"Outstanding success, radiance among masses."

"Osram's soft radiance assists mankind."

"Osram subdued radiance amazes millions."

"Osram's soft radiance attracts many."

"Osram's sun rays are marvellous."

"Osram's shining rays are magical."

"Oh, such rays are marvellous!"

"Osram scientific radiance achieves merit."

Siemens' Lamps.

THE greater number of letters in this word afforded competitors who chose it for their field of activity larger scope for enterprise. At the same time the initial letters are not of the nature to lend themselves most easily to phrasing of well-rounded sentences, and competitors may therefore congratulate themselves upon having achieved a commendable standard of efficiency. About 25 good entries remained in the final selection. We give some examples of the sentences submitted:—

"Siemens invariably ensure maximum efficiency; none superior."

"Siemens illumination enables millions escape nervous strain."

"Scientific illumination eliminates most effectively nightly strain."

"Siemens illuminate efficiently, meeting every need satisfactorily."

"Siemens is economical, more electricity now saved."

"Softly illuminating everything means eyesight never strained."

"Soothing illumination extraordinarily mellow, eliminating nasty shades."

Condor Lamps.

HERE again the limited number and character of the initial letters affected the popularity of the word as far as the competition was concerned, but some good examples were submitted. The class was the smallest of entries, but the standard was on the average better, probably, than in the others. The best sentences were as follows:—

"Condor's opalescent notability deserves our recommendation."

"Condor offering new delightful opalescent radiance."

"Condor's operate natural daylight on relay."

"Condor on night duty offers reliability."

"Conqueror of night's darkness offers radiance."

"Colossal output now decides our reputation."

We would like to express to competitors our appreciation of their interest in the competition. The ingenuity displayed by them was highly commendable and, while we regret that all could not be prize-winners, we hope that the novelty and tax upon their skill in evolving satisfactory sentences or verses carried some compensation. Orders have been despatched to the prize-winners. We feel sure that the importance of adequate and comfortable lighting of homes has been emphasised as a result of the contest.

Shedding Light on Electric Lamps

The Story of a marvellously compact device that has revolutionised lighting systems

IF not quite the most wonderful of all inventions, the electric lamp may surely claim to be amongst the most wonderful. How easily we take everything for granted nowadays! So simple outwardly—just a wire inside a glass bulb. It has, however, gone through change after change. In the present stage, it epitomises a whole world of research, experiment, mechanical ingenuity and manufacturing skill. Last, but not least, for very little can be achieved in any sphere without monetary risk, it represents considerable financial adventure. Millions of pounds have been sunk to obtain the present results. Optimists there must have been.

Within the limit of almost one human generation, the electric lamp has progressed from point to point. Many of us to-day, by no means old as years are counted, can remember the thrill with which the first electric lamp was greeted. The little thread of carbon in its glass container, which, at the touch of a switch, became a fountain of light, was a mystery to many.

That little thread of carbon, however, so long sought for, made from bamboo by Edison, and from cotton-wool by Sir Joseph Swan, while it served the purpose for upward of thirty years, never satisfied the inventors. Science, as ever, was advancing, seeking and inquiring. Even then, the inventors were looking for the illusive something better. Experiments were being conducted with filaments of fine platinum wire—a widely-famed metal. It was better than carbon, but had the disadvantage of melting when hot enough to emit a brilliant light. But thought had been turned in the right direction—to the exploitation of metals.

Tantalum filaments followed, were a great improvement on the carbon, and had their measure of success—but they had their limitations.

IT was not until tungsten was thought of that present-day efficiency became even remotely possible. Nothing seemed more hopeless, at the outset, than to make a practical filament from tungsten.

Do we know what tungsten is? From an ore, which is formed in association with tin in the mines of Cornwall, England, and of Australia and New Zealand (all within the Empire, mark you!) pure tungsten is produced in the form of fine powder, after a process of refining. But what a task, and what vision was needed even to contemplate its transformation

THE brain of the ant, said Charles Darwin, is the most wonderful speck of living matter in the world. He marvelled at it far more than he did at the great mammoths that impress us as the greatest wonders of life. And so it is with the small inventions—creations of man—that are to be marvelled at, and surely the electric lamp is one of the most wonderful of these. Like the valve of radio, the lamp has gradually and painfully evolved, until to-day it is a realistic imitation of even the sun.

into a filament, sufficiently tough to supply the purposes of an electric lamp? Ever since cotton-wool had become hard carbon, the apparently impossible was attempted, and with a large measure of success. To obtain the necessary fineness of thread the powder, formed into a hard paste with a binding material, was squeezed through a minute hole in a fragment of a diamond. The binding material was afterward burned away by means of an electric current, to destroy the waste. The result was just four times the brilliance of the carbon filament for the same expenditure of electrical energy. But, oh, the fragility! So much so that the process was considered commercially hopeless. Breakages from factory to user were enormous. But improvements

were never despaired of, and the miracle of drawn tungsten wire was evolved, instead of the old "squirted" or pushed through filament.

To-day, drawn tungsten wire is a commonplace, and tungsten wire filaments withstand the incessant vibration of a railway train, and the shocks of gunfire on a battleship.

EVEN with the achievement of four times the brilliancy, the spirit of invention remained discontented. The lamp burned with amazing brilliancy, it was true, but it was the pace that killed, and the lamp burned out all the quicker. What next, then? It was found that if an inert gas, such as nitrogen, were introduced into the bulb, the life of the lamp was indefinitely prolonged.

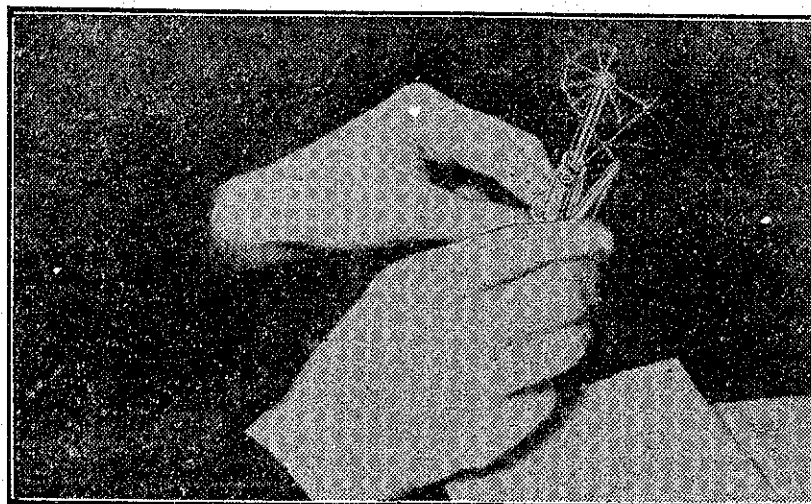
Out of this discovery came what we know and hail to-day as the gas-filled lamp. It is the most economical yet produced.

SO far, so good, and now how is the electric lamp we use to-day produced? By a number of processes, each one in itself interesting.

The most obvious part is the glass bulb, and probably all of us know something of the glass-blower's art—how it is spun out from a long tube, and broken off in the form of bubbles as required. For commercial purposes, however, these duties are relegated to an electrically-operated machine.

No adjective short of "wonderful" can be applied to this. Its iron arms flash into the pot of molten glass, pick up just the right quantity, no more and no less, transfer it to blow-pipes, and swing it and revolve it in uncanny imitation of the old-time craftsman's art. Compressed air is supplied at just the right moment. The pear-shaped bubble appears, it is automatically enclosed in a mould; the mould falls apart in sections into a cooling bath, and the bulb is left suspended. An endless chain of bulbs is evolved, the rough-necks of which are cracked off by a special machine.

The tungsten wire is made next. The ore is crushed and ground to a powder, which is washed with acid to remove any impurities. Treated and treated again, it becomes the pure tungsten from which filaments have to be made—dust drawn into wire of an almost invisible fineness. Heated and hammered, with an infinitesimal proportion of steel added to give strength, it is now drawn again. The fragile rod becomes more and more ductile,



Winding the filament on to the supports for a gas-filled lamp.

Osram Lamps, photo.

(Concluded on page 31.)

Our Spelling Bee

No. 3 List of Words

fossilology
fraudulency
frequentative
fricasee
frugalist
fuchsta
fugulist
fulfilling
fulfilment
fumarole
fumatory
fumigator
functionary
funereal
fungous
furbelow
fuscous
fusibility
fusel-oil
fustian
fustilarian
futilitarian
futurition
fusillade
foundationer
forester
floriculturist
floriform
frenetic
gaberdine
galantine
galaxy
galleon
galvaniser
ganglial
gargantuan
garotter
garçous
gasometer
gassing
gastrological
gastromancy
gauge
gaugeable
generalisable
genuefact
geometrician
geostatic
gerund
gesticulatory
glacialist
gladiatorial
glissade
globosity

glossarial
glueyness
gluttonous
gnomic
gomeril
gondolier
gopher
gospeller
gossamer
gossoon
graciousity
gradatory
graduato
grainage
grammarian
granary
grandiloquent
graphiology
gravamen
gravitative
grievous
guarantor
guerdon
guillotine
gullibility
gubernatorial
gudgeon
gunwale
gusset
gustatory
guttural
gynarchy
gyratory
gyroidal
gyromancy
gyroscope
gyve
habilitation
halberdier
halcyon
hallucination
hamadryad
hangability
haranguer
harassment
harbinger
harlequinade
harrikan
hatchety
hazardable
hebetate
heinous
hegemony
helium

hellebore
herculean
hereditament
Hesperides
heterogeneous
hibiscus
hierarchal
hieroglyphic
horoscopic
hybridisation
hydrangea
hydraulically
hydrogenous
hydropathist
hymeneal
hyperbole
hyperborean
hypohecate
hypothesis
hyssop
iconoclastic
iconology
idéography
identifiable
ideology
idiomatically
idiosyncrasy
idolater
igneous
ignoramus
illegibility
illegitimacy
illimitable
illiteracy
illuminant
illusionist
imagery
immaculate
immateriality
immaturity
immeasurable
immediacy
immedicable
immemorial
immensurable
immersable
immobility
immoderacy
immolator
immunity
immutable
impassability
impeachable
impeccability

English Spelling

Story of the Lamp

A NENT our Spelling Bee, it is interesting to read that a professor at a United States University, among others, is in revolt. He contends that, at present, spelling depends not on rules, but on memory. For the letter "a" alone, he states that forty-seven phonetic equivalents must be learned. The word "circumference" may be spelled in no fewer than 396,000,000 ways—all correct from the standpoint of sound.

The defect regarding memory-spelling appears to be that things wrongly learned persist as strongly as those learned in the right way. True, but we still fain would feel that spelling has something to do with etymology and the origin of words.

America, we admit, has taught us a great deal in the way of spelling, if only, in many instances, of how not to do it. Study is necessary, but after all, as with so many other things, it is largely a sense, which one possesses or does not.

(Concluded from page 30)

is required to conform to standards both as to thickness and strength, until it is finally wound off on to bobbins.

Now, with glass bulbs and wire ready, the next step is to build up the stem or foot.

The next step is to mount the filament and foot or cap on to the bulb. First, the melting-down has been done, step by step, until the cap perfectly meets the bulb. But then, there is air in the bulb—nature abhors a vacuum—and that air has to be expelled or exhausted. Chambers are provided for this process, from whence issued the vacuum lamps. But science went on and on again, until the vacuum was filled with gas.

The important differences of the gas-filled lamp are invisible to the lay eye, but its function is to prevent the evaporation of filament, adjust it to surges of voltage, and lengthen the life of the lamp.

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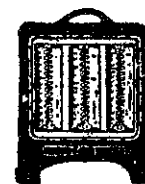
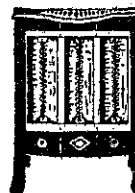
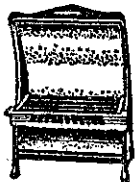
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(Closing date: July 19.)

FIRST PRIZE: Order for £50, and Valuable Supplementary Prizes.

(ENTRANCE FEE: 1/-.)

To "RADIO RECORD,"

P.O. Box 1032, Wellington;

Or Third Floor, "Dominion" Building,
Wakefield Street, Wellington.

Please receive my entry in Section..... (specifying No. of Section) for your Monster Spelling Bee. Entry fee of 1/- enclosed. I will abide by the rules laid down and accept all decisions of the Judge, Mr. J. Norrie, of the Wellington Public Library, as final.

NAME.....

ADDRESS.....

Our Trials in Tact Competition

PROBLEM No. 9.—"A. B. and C. have a motor accident, as a result of which A. dies of injuries, B. suffers loss of memory, and C. minor injuries. The accident is unattested and due entirely to carelessness on the part of B., who was driving."

"As A. owned the car, it is generally believed that he was the driver, and B. remembers nothing of the happening at all. Should C. make public the fact that A. was not the driver, thus incriminating B.; or should he remain silent?"

Suggested by "Natural."

[NOTE.—May Belle: I am sorry to say that your solution to Problem No. 6 was received and postmarked too late for marks to be awarded.]

MRS. MASON sends by far the most masterly solution to this problem. I agree with her that all three women concerned display great want of tact and savoir faire. Miss A. in the first place, because, as Mrs. Mason remarks, they are all evidently intimate friends and moving in the same circle. Mr. X.'s little peculiarities would therefore probably be quite well known in the neighbourhood, and in no way reflect on Miss A. In the second place, Mrs. B. should not have mentioned to Mrs. X. that she intended ringing Miss A., and, thirdly, Mrs. X. should have protested against Mrs. B. doing so.

Mrs. Mason suggests that as Mrs. B. has arrived at this impasse she should now go to Miss A. and make the matter such a personal one that the latter will reconsider her decision and post the invitation with apologies for the accidental omission. This, of course, would be quite the most comfortable way out for all parties concerned. I think, however, that it would require a Mrs. Mason to carry it through successfully, if I may say so. Tolerance

is not usually an attribute of youth, and Miss A. may remain obdurate. Fortunately this solution does not deal with the problem as it stands, which asks "What explanation can Mrs. B. give to Mrs. X.?" I am consequently reluctantly obliged to withhold marks for this solution.

Most of us would like, as many competitors suggest, to do nothing and let the matter drop. Mrs. X., however, is nearly certain to take an early opportunity of asking Mrs. B. the result of her inquiry. In the circumstances I think Mrs. B.'s best course is to tell Mrs. X. that Miss A. said no invitation had been sent. She can add that Miss A. would have liked to ask Mrs. X. as well as many others, but was unable to do so.

I disagree very strongly with those who say that Mrs. X. should be told the real reason. Whatever Mr. X.'s faults may be, Mrs. X. would probably resent any criticism and be wounded to feel that he had been the object of discussion. Indeed, I think the average woman would prefer to be given any excuse, however transparent.

"Pat" says: "It is clearly not Mrs. B.'s business to go making explanations to Mrs. X. and she cannot discuss the matter in its present form with Mrs. X." The situation in its present form is of Mrs. B.'s making, however, and I think she will probably be called upon to discuss the matter. Therefore she must be prepared to do so.

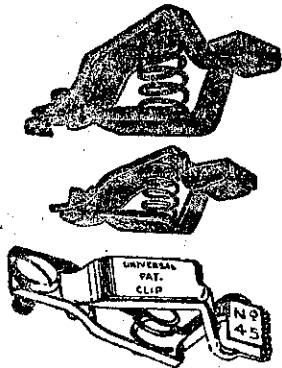
I like Fanny's answer very much. "If I were Mrs. B. I would tell Mrs. X. part of the truth, leaving out the most unpleasant part. I would say that for several reasons Miss A. is not

able to ask all she would like to to her wedding, so has been obliged to leave Mrs. X. out, though she would have liked to have invited her (probably true). If Mrs. X. is aware that her husband's behaviour is not up to standard she will probably guess this is one of the reasons and will know there is nothing more to be said. Perhaps this is her particular cross, and she must carry it.

"I think Mrs. B. should apologise, and explain to Mrs. X. that in a moment of indiscretion and thoughtless excitement—being anxious to help Miss A.—she, Mrs. B., had assumed too much authority."—"Ecnan."

MARKS AWARDED.

Anon, 0; Amaryliss, 2; Anice, 2; Artful, 0; Apple-Pie-Mary, 5; Bab-el-Mandeb, 0; Ben, 0; Miss Rachel Baker, 5; Bonza, 0; Barbara, 1; Clara, 5; Clericus, 0; Camp-fire, 2; Master Don Chesman, 1; Deerfoot, 3; Duplex, 0; Diabolo, 3; Devon, 2; Ecnan, 1; Effie, 3; Equity, 5; Fanny, 5; Frances, 3; Flirt, 0; Flora, 3; Grace, 3; Gunga-din, 3; Haven, 0; Heather, 0; Hopscotch, 3; Ivy Sen, 5; Irene, 3; Iambic, 0; Jonquil, 3; Jimmy, 5; Mrs. Jones, 0; Kummel, 0; Kate, 3; Kia-Ora, 0; Lucid, 3; Lambton, 5; Michael, 5; Mrs. Mason, 0; Myra, 3; Mavis, 0; Magpie, 0; Maybelle, 0; Nemo, 3; Natural, 3; Nomen, 3; Norah, 0; Never-Never, 3; Nippy, 0; Mrs. Oldman, 0; Olivia, 3; Octopus, 3; Open-door, 0; Oneeny, 1; Pat, 1; Pumpkin, 2; Pansy, 3; Query, 0; Quince, 3; Radio, 3; Rosa, 0; Radex, 5; Sardonyx, 3; Scylla, 3; Summit, 3; Straight-ahead, 0; Thames, 0; Tuner, 3; Topaz, 0; Tommy, 3; Undine, 0; Unomi, 3; Vivat, 0; Viator, 3; Viola, 3; Verity, 2; Wynward, 0; Weaver, 3; Waterway, 2; Watchful, 3; Xerxes, 0; Xylonite, 0; Yum-Yum, 3; Youngster, 0; Zenobia, 5.



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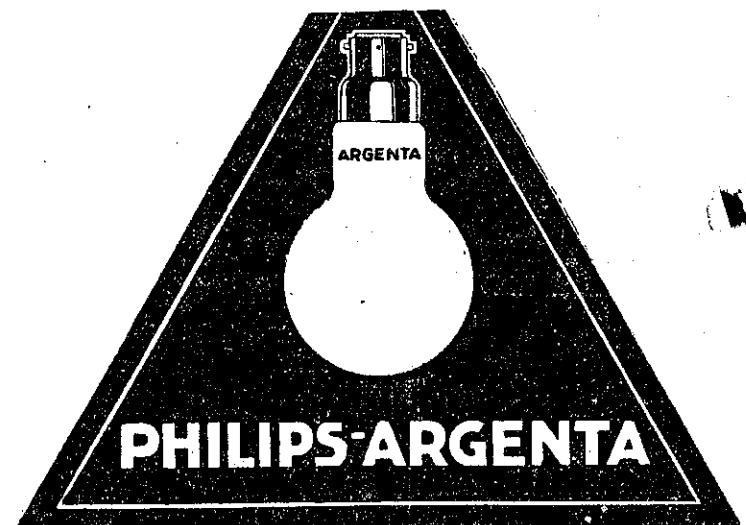
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COUNSEL for the COOK

Apple Sponge Pudding

THREE-quarter fill a fairly large pie-dish with stewed apples, without sugar, and not too much water. Mix in a basin 1 large cup of flour with half teaspoonful of baking soda, 1 teaspoonful of cream tartar, 1 cup grated suet, with a cup of milk. Pour over the apples, then shake a cup of sugar on top, then a cup of boiling water. Bake in the oven about half an hour. Serve with cream.—Mrs. U. Oliver.

Scrap Sausages

MINCE up any cold meat you have to be used up, adding a rather of fat bacon (also minced) to each cupful. To 2 cups of mince add 1 cup of breadcrumbs (these can be made of crusts soaked in cold water and squeezed dry), $\frac{1}{2}$ cup flour, pepper, salt, minced onion or parsley, and some plum sauce or relish of some kind, as the sausage needs to be well seasoned; bind with stock or gravy, and form into little sausages. Put them into a well-greased baking tin in a hot oven until nicely browned. Put a small piece of dripping on each before baking.—"Sardonyx."

Cinnamon Bars

WORK together 10oz. of almond paste and 5oz. of icing sugar, add $\frac{1}{2}$ teaspoon of cinnamon, and gradually the white of 1 egg. When the mixture has been worked until it is perfectly smooth, dredge a board with sugar, knead the mixture slightly, and shape into a long roll. Pat and roll to a quarter-inch thickness with a rolling-pin. After rolling, the piece should be four inches wide. Spread with a frosting made with the white of one egg and two-thirds of a cup of icing sugar beaten together until stiff enough to spread. Cut into strips four inches long by three-quarters of an inch wide. This must be done quickly, as a crust soon forms over the frosting. To accomplish this, use two knives, one placed through the mixture where the dividing line is to be made, and the other used to make a clean, sharp cut on both sides of the first knife. Keep the knives clean by wiping on a damp cloth. Remove strips as soon as cut to a tin sheet, greased with lard and then floured. Bake for twenty minutes in a slow oven.

Steak and Onions

Ingredients.—One pound beef or undercut steak, four large onions, pinch sage and thyme, salt and pepper to taste, one tablespoon butter or dripping.

Method.—Place butter in pan, then lay meat in whole, sprinkle with the salt and pepper. Cook slowly as possible 2 hours; turn meat occasionally, keep covered with onions; cook 2 hours. Thicken with flour.—Mrs. Renault.

Galantine, Economical but Excellent

Ingredients.—4oz. raw beef minced 4oz. sausage meat, 6oz. dry breadcrumbs, 1 teaspoon chopped parsley, 1 grated onion, and mixed herbs, salt and pepper, 1 cup stock, 1 egg.

Method.—Mix all the ingredients with the beaten egg and stock. Form into a roll. Wring out a cloth in boiling water, flour it, tie up the roll in it, and leave room for swelling. Place in boiling stock or water and simmer two hours. Take off the cloth and tie it up again tightly; place between two dishes with a weight and leave till cold.—M.L.

Coffee Cake That Keeps Indefinitely

Ingredients.—One cup brown sugar 1 cup butter, 1 cup strong coffee, 1 cup treacle, 4 cups flour, 2 eggs, 2 cups currants, 1 piece peel, 1 teaspoon baking-soda, dissolved in the treacle, 1 teaspoon cinnamon, a little nutmeg, 2 cups raisins.

Method.—Mix well and bake for two hours at even heat.—M.J.B.

A New Suet Pudding

Ingredients.—One breakfast cup finely-chopped suet, 1 breakfast cup flour, 1 small cup of jam, 1 small teaspoon baking-powder.

Method.—Any jam may be used, and being the only moistening ingredient, it imparts a delicious flavour. The pudding is light and rises well.—Sibyl T.

Cornflake Cookies

Ingredients.—2 eggs (whites only), half cup sugar, one cup chopped walnuts, half cup Kellogg's cornflakes.

Method.—Beat whites of eggs and sugar till stiff, add nuts and cornflakes. Cook in slow oven half an hour.—"Blossom."

Clear Carrot Soup

Ingredients.—2 large carrots, as much clear stock as required, 1 large onion, 1 large tomato, pulp only, fried croutons of bread.

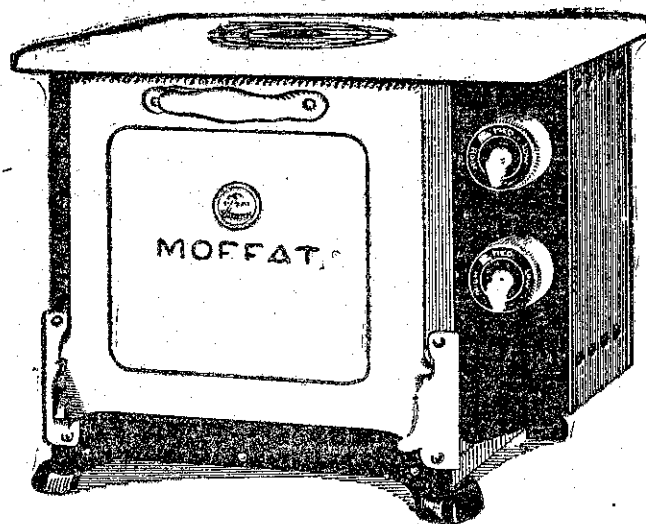
Method.—Grate the carrots and add to the stock. Chop the onion very finely, fry it thoroughly, drain it, and add it to the stock, with the tomato pulp. Allow to simmer for an hour, skim well, season freely, and pour when nearly boiling over a small heap of fried croutons in the tureen.—"Vegetarian."

Good Winter Pudding

Ingredients.—Two cups flour, $\frac{1}{2}$ -cup butter or dripping, $\frac{1}{2}$ -cup sugar, 1 cup fruit, 2 teaspoons mixed spice lemon-peel 2 teaspoons soda, 1 cup milk, and lemon essence.

Method.—Rub butter into flour, then add dry ingredients and milk; steam 2½ hours.

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