

PUBLISHED WEEKLY

THE RADIO RECORD

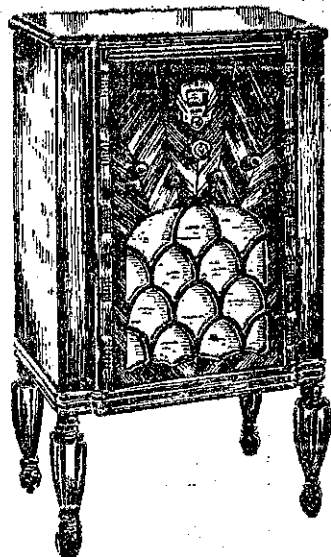
AND

HOME JOURNAL

Vol. V. No. 16.

WELLINGTON, FRIDAY, OCTOBER 30, 1931.

Price, 3d.



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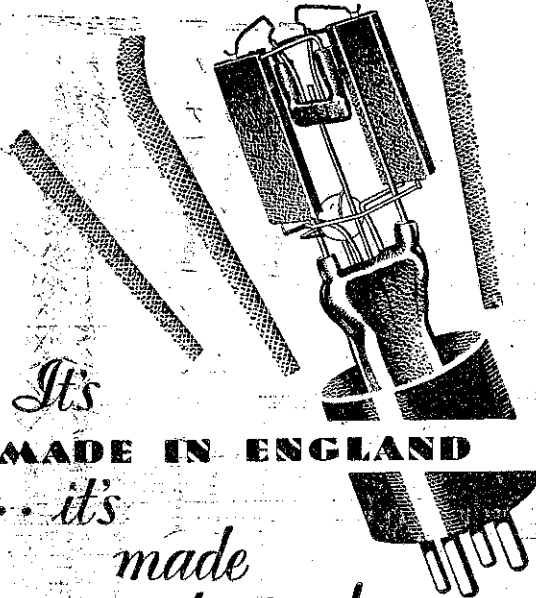
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THE latest scheme in "wired wireless" distribution of programmes throughout hotels, hospitals and similar establishments, comes from America, and consists in using a low-powered transmitter in combination with a standard receiving set. The incoming signals are first amplified by the central receiver, and are then re-transmitted on a shorter wavelength so as to feed a number of shortwave receivers located in each of the rooms.

A CHART recently issued by the International Broadcasting Union reveals the fact that of all European countries, Denmark has the largest ratio of wireless licenses to total population. During 1930 the number of licenses rose from 308,927 to 420,000. This phenomenal increase is thought to be due to the enterprise of the broadcasting authorities in determining and taking into account the tastes of listeners in the matter of the composition of programmes.

DURING a recent murder trial in Los Angeles, the judge was annoyed to discover, through a chance remark by a friend, that someone was evidently bringing a microphone into the courtroom and broadcasting the proceedings. An investigation led to the disclosure that a local radio station was broadcasting the trial by dramatising the transcript and making it appear as if a microphone were in the courtroom. A conference of judges was held to discuss the matter, and action will probably be taken against those responsible.

FOUR years ago Radio-Vienna by reason of its then high power of 15 k.w., ranked foremost among the great European transmitters. Now its voice can only be faintly heard amid the roar of its more powerful neighbours, which have sprung up all round. It has therefore been decided to build a new and greater Radio-Vienna which will have a power of 100 k.w., so that once more its voice will be heard above the radio chatter of Europe. The new station will be erected about twenty-five miles from Vienna, so that it will not interfere with foreign station reception in the Austrian capital.

PARIS will shortly possess one of the most powerful stations in Europe. A new transmitter with a power rating of 120 kilowatts has been erected on the outskirts of the city. Apart from this huge increase in power, the new station has an aerial system which employs three masts over 600ft. high. The transmitting plant is ready for operation, and will be brought into service as soon as the sanction of the Post Office authorities is obtained for the establishment of lines to link up the transmitting plant with the studios in Paris. The wave-length employed is 1725 metres.

IT is announced from Paris that two interesting radio discoveries are engaging the attention of experts. The first is a triode valve capable of dealing with a power of 150 k.w. The filament consists of eight parallel strands of wire. If necessary, the valve can be dismantled. The second discovery is in connection with the radio transmission of photographs, and is credited to M. Belin, the famous inventor. M. Belin's system insures that all photographs transmitted over his apparatus are "scrambled" so that only those possessing receiving gear previously synchronised with the transmitter are able to receive pictures.

THE latest developments in receiving sets were displayed on over 400 stands at the National Radio Exhibition held recently in London. Over 5000 different types of receivers, ranging from a diminutive portable to a massive radio gramophone ten feet high, were on view. The gallery of the main hall was this year entirely devoted to sound-proof rooms in which prospective purchasers could test the range and quality of the various sets on exhibition. On an upper storey a dance floor flooded with colour by means of a new lighting system was prepared for the entertainment of visitors.

MR. O. H. CALDWELL, a former member of the U.S. Federal Radio Commission, appears to devote his time to discovering novel uses for radio. Here is his latest: "At least 50 per cent more eggs will be produced for market if the poultry farmer offers to his hens the same opportunity to hear good radio programmes that he extends to his family. The secret in getting the most out of the hens by the radio system is to turn on the broadcasts early in the day and keep them going until chicken bedtime. This method increases the average hen-hour production and brings a new spirit of service to the chicken coop."—Which shows that there is a use for sponsored programmes.

THE Far North broadcasts which have been conducted over the past eight years by station KDKA, of Pittsburgh, Pennsylvania, for the benefit of explorers and inhabitants in the distant ice regions, will shortly be extended to include a weekly Wednesday night programme from the Westinghouse sister stations, WBZ and WBZA. The KDKA broadcasts have brought cheer to the members of many famous expeditions, including that of Admiral Richard E. Byrd, with base established at Little America, Antarctica, and that of Captain Bob Bartlett and his expedition on the Greenland seas. News items, messages and musical entertainment are included in this special service.



DR. GEORGE DE CLIVE
LOWE

An historical drama from the facile pen of this well-known Auckland litterateur will be broadcast by IYA on Wednesday, November 4. This three-act play, which will be produced by Mr. J. M. Clark and his company, is entitled "The Doge of Venice." It is based on the story of Marino Faliero, Duke and Doge of Venice, and makes a very interesting and intensely moving drama.

—S. P. Andrew, photo.

RADIO drama plays an important part in overseas broadcast productions and the Radio Broadcasting Company is endeavouring to keep pace with the whirligig of time in this respect. The presentation of "The Doge of Venice," an historic chronicle-drama, at IYA on November 4 will be the most ambitious undertaking in the field of radio drama at Auckland since the production last year of "Paolo and Francesca."

The play has been specially written for the microphone by Dr. G. de Clive Lowe, of Auckland, the author of the murder-mystery, "The White Owl," and other successful radio plays. Incidentally the general manager of the company, Mr. A. R. Harris, suggested the style of historic drama to the author, as he is of the opinion that actual history presented in the form of swiftly-flowing drama would appeal to the greatest number of listeners. The production will be in the capable hands of Mr. J. M. Clark and his versatile company which needs no introduction to IYA listeners.

Dr. Lowe has taken his material from the most interesting chapter in the long and chequered history of ancient Venice—that of the fourteenth century when, under the iron hand of the then Doge, Marino Faliero, Venice vied with Genoa for supremacy on the sea. The story is pithily confined to the exciting internecine events in April, 1355, when the aged Doge was executed for treason.

Marino Faliero, who was one of the most complex mentalities the old world ever produced, was born about 1274. He gained fame as a Venetian general and naval commander,

The Doge of Venice

Historic Drama from IYA

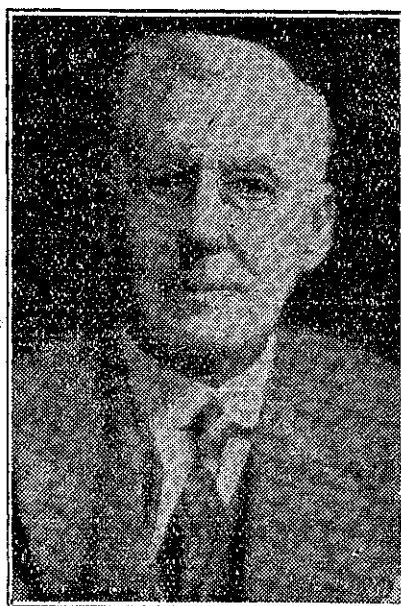
By "MICROPHONE"

"It may be," said the Doge to Bertruccio, the artisan, and Calandro, the mason's sculptor, "that we meet next on the broad Piazza, standing side by side amongst, and gazing down on the grizzly things that once were men."

his notable achievements including the routing of an army of 80,000 Hungarians at the siege of Zara in 1346 and later, while in command of the Venetian fleet, the capture of Capo d'Istria. He subsequently became ambassador of the Republic of Rome and Genoa, and at the age of about 80 was elected Doge. In the following year, being angered at the light punishment inflicted by a patrician tribunal upon a young noble, Michele Steno, who had publicly insulted the Dogessa, he hatched a diabolical plot with the plebians to assassinate the oligarchy and make himself supreme ruler of Venice. His fate forms the theme of tragedies by Byron and Swinburne.

The three-act play is constructed on the lines of descriptive narrative told simply yet vividly with passages of fine dramatic intensity. All the roles are masculine.

Listeners will first be conveyed by the imagery of the microphone to a room in Count Conaro's palace at Venice, where Count Lioni is recounting the trial which took place before the Signory at the Council Hall of the arrogant and sarcastic of tongue, Count Steno.



MR. J. M. CLARK

Who, with his company of versatile players, will present "The Doge of Venice" from IYA next week.

—S. P. Andrew, photo.

The aged Doge, whose face was pale as death with anger, had accused the handsome Steno of a list of charges including insulting himself and spreading a vile canard about his young and beautiful wife, the Duchess of Venice. Steno's ready wit and contemptuous attitude lashed the prosecuting Doge into fury. The latter was filled with brooding resentment at the decision of the Signory of patricians when Steno escaped with a short term of imprisonment and a period of exile. The Doge's cup of bitterness flowed over when he, as the first patrician, passed sentence upon the mocking Steno.

"The members of the Signory and Count Steno," recounted Lioni, "have given Venice the greatest enemy she ever had and transformed our Doge into a potential traitor." Lioni warned Conaro that the plebians hated the dominance of the patricians, and that only a tiny spark was needed to light up such a blaze in Venice as would never be forgotten in that world.

THE incensed Doge in the following scene tells his noble-minded nephew, Bertruccio, of his hatred for the Signory and the patricians. "I tell you, Bertruccio, that I wish that every member of the Signory and Senate and every patrician in Venice had but one throat amongst them all; yes, one single throat, and I would joyously slit it—now—to-night." The State, the lion of Venice declared, had its enemies, but had none greater than Marino Faliero, Duke and Doge of Venice.

Two plebian fanatics and agitators, Bertruccio and Calandro, seek redress of grievances from the Doge who enlists their aid in carrying out an inhuman plot to rid Venice at a single blow of the domineering patricians. The crafty Doge plans to have the Great Bell of St. Mark's peal its thunder, which will hasten the Senators to the Council Hall and the populace to the Piazza. The cry would shatter the dawn that the Great Fleet of Genoa was bearing on Venice, and the mob, who would be armed, would slaughter the assembled Senators. "It may be," said the Doge to his arch-conspirators, "that we meet next on the broad Piazza, standing side by side amongst, and gazing down on the grizzly things that once were men."

Meantime the scheming has been overheard by a mercenary plebian furrier, Bertruccio, who awakens (Concluded on page 31)

THOMAS ALVA EDISON commenced life as a newspaper boy. Although he became the world's greatest inventor he had neither a university nor even a secondary school education. He was born in a humble little cottage.

Edison may well be regarded as the "wonder man" of the present age, possessing as he did a rare inventive genius which he turned to such good service that it has been said of him he added more to the material elements of civilisation, by his own inventions and by what they have suggested to others, than any other man in the history of the world. Edison's name is assured of immortality if it were due only to the fact that the world is indebted to him for the gramophone, the motion picture and the electric light of the bulb type. But the number of his inventions runs into many hundreds including those in connection with the telephone, electric dynamos, electric motograph, electric meter and electric traction.

Edison was not a scientist within the commonly accepted scope of the term—he held no university science degrees (excepting honorary), but he had a natural bent for inventive work and properly followed it, and his efforts were always directed to achieving something that the world greatly needed. He himself admitted that "pure science" never occupied his attention very deeply, and when he had established his fame he employed a staff of scientists and highly-skilled technicians to execute his ideas. This fact gave rise to the suggestion which occasionally cropped up that Edison owed much to the ideas of his assistants, and that the fact was never properly acknowledged.

Theodore Waters, writing of Edison in "McClure's Magazine" quoted W. S. Mallory, who was connected with Edison's ore-milling venture, as having stated: "I want to say, and I know whereof I speak, for I have been with him night and day for several years, that 99 per cent. of the credit of all the invention and new work of this establishment is due personally to Mr. Edison. I have heard it stated that Mr. Edison is an organiser who uses the brain of other men. Nothing could be further from the truth than this." Several others who were associated with Edison have testified similarly.

It has been established that the paternal ancestors of Edison arrived in the United States direct from Holland. They landed about 1730 at Elizabethport, New Jersey. They went inland a few miles, and settled in the village of Caldwell, where they prospered. Longevity appears to have been a characteristic of the early American Edisons, for a former Thomas Edison attained the age of 104 years. After the American Revolution, John Edison, who was a Loyalist, emigrated to Nova Scotia where his son Samuel (the inventor's father) was born. In 1811 the family went to Bayfield in Upper Canada (now Ontario). Later John Edison moved to Vienna (Canada) where he died at the age of 102 years. The inventor's father Samuel married in 1828 a Miss Nancy Elliott, an 18-year-old teacher in

From

Newspaper Boy

to

America's Greatest Inventor

The Extraordinary Biography of Thomas Edison

by Ivan M. Levy

The great inventor is one who has walked forth upon the industrial world, not from universities, but from hovels; not as clad in silks and decked with honours, but as clad in fustian and grimed with soot and oil.

—Isaac Taylor.

the Vienna High School. Her father was the Rev. John Elliott, a Baptist clergyman of Scottish descent. Edison's father, six feet in height and of powerful physique, joined an attempt to seize the lieutenant-governor and set up a provisional government. The movement was a complete failure, and, with others, Samuel Edison fled across the border to the United States and ultimately settled in Milan, Ohio, in 1842. Here he established a workshop, and made roofing shingles, employing several men. On February 11, 1847, Thomas Alva Edison was born in this busy little Ohio town. The Edison home, a substantial-looking brick cottage, is still there, and is venerated by the inhabitants.

In his early childhood, the great inventor was very small and somewhat frail for his years, and was hardly strong enough to attend school. He was described as a rather grave, old-fashioned child, always engaged in making something or other, or asking questions with a solemn persistency. The little chap had his share of escapades and narrow escapes during

childhood. He was nearly drowned in the local canal, and also fell into a great pile of wheat in a warehouse. "Al," as he was called, was almost suffocated before he could be pulled out of the grain. Again, he was holding a skate-strap for another boy to shorten by means of an axe which, however, accounted for the top of one of Edison's fingers.

In 1854 the Edison family moved to Port Huron, in Saint Clair County, Michigan, where the inventor's father set up in business as a dealer in horse-feed, grain and timber. And now young Edison went to school at Port Huron for three months.

THAT was the only school he ever attended, but his mother, who it will be remembered was formerly a school teacher, took up the task of educating "Al." Edison, strangely enough, was always a dunce at mathematics, and many years later, when in the height of his success, his researches often called for intricate mathematical calculations, and these he passed along to his associates.

Young Edison's experimental "bias" developed at an early age, and his parents told of a curious test of a theory he applied to a Dutch boy, Michael Oates, employed for small jobs by Edison's parents. To test a theory that gases so generated might enable a person to fly, young Edison induced the boy Oates to swallow a large quantity of Seidlitz powders. The ensuing results were painful not only to the victim but also to young Thomas, for he suffered an application of a switch reserved for emergency purposes behind the family clock.

The future inventor when a mere child obtained a copy of Parker's "School Philosophy" then much in use as a text-book in elementary physics, and many were the experiments outlined in it which he tried out. The cellar of their cottage was utilised by young Edison as his first laboratory, and he had a veritable lethal collection of 200 bottles care-



(From Frank Leslie's Illustrated Newspaper.)

How different from modern recording! Yet these remarkable changes have been brought about since 1878, when the tin-foil phonograph invented by the great Edison was first used.

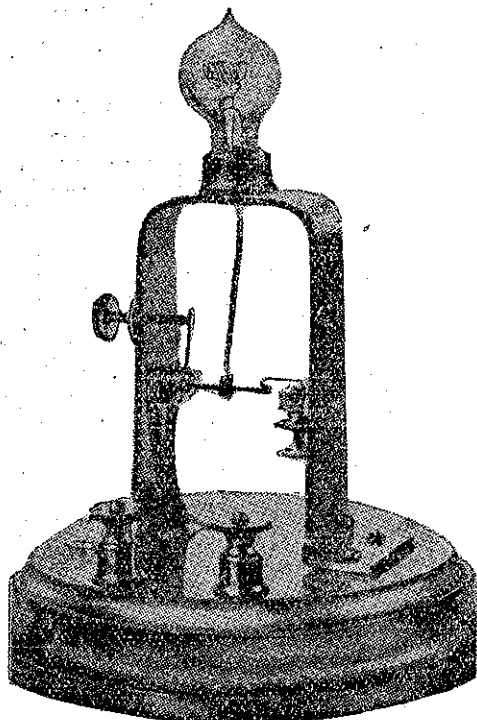
fully arranged on shelves, and duly labelled "Poison." The chemical knowledge Edison began to acquire in those early days subsequently proved invaluable to him in problems encountered in his invention of the incandescent electric lamp and his famous storage battery now so much in use.

AS young Edison needed more money to augment his stock of chemicals he persuaded his parents to allow him to apply for the concession to act as a newsboy on trains of the Grand Trunk railway line between Port Huron and Detroit, a round distance of 126 miles. He obtained the concession and commenced selling newspapers on the train which left Port Huron at 7 o'clock in the morning and arrived back at 9.30 in the evening—a long day for a kiddie.

Actually this was not Edison's first business enterprise, for, prior to that, he and the Dutch boy Oates hawked vegetables grown by his father, with a horse and small wagon, and in one year handed over to his mother £120.

After selling newspapers on the train for several months Edison started two little shops in Huron, one for periodicals and the other for vegetables, butter and berries in the season. He shared the profits with two boys who ran the shops for him, but the lad who attended the periodical shop could not be trusted, and Edison soon closed that enterprise. He kept the vegetable shop going for nearly a year. Edison's business acumen was again shown when he obtained the newspaper-selling concession on an express train leaving Detroit in the morning and returning in the night. Then when the daily immigrant trains commenced running he employed a boy to sell bread, tobacco and stick-lolly. The Civil War added a great stimulus to the sale of newspapers, and Edison prospered. Of his daily takings he gave four shillings a day to his mother, but most of his profits he laid out in chemicals and chemical apparatus.

So enthralled was the youngster with experimentation that Edison carried his laboratory on the train with him! The luggage van was divided into three compartments, one for express packages and luggage, one for the mails and the third was originally intended as a smokers' compartment, but was unused. The train conductor permitted young Edison to use the spare compartment as his laboratory, which he soon established with an imposing array of jars, bottles, test-tubes, batteries and other miscellaneous equipment. Edison had a copy of a translation of a work on qualitative analysis by Karl Fresenius, a German professor, and this was used as a basis for the lad's experiments. Edison found time to study on the train, and also print a little newspaper, "The Weekly Herald." He bought a tiny printing press and taught himself to set up the type and print



From this crude apparatus—the first incandescent lamp—conceived and constructed by Edison only fifty years ago, has evolved the modern electric lamp.



(From "Cosmopolitan" Magazine).

Thirty-five years ago, these two now world famous men—Ford and Edison—met at a dinner. It was the time when Edison was working on the designs for an electrically propelled vehicle. Ford was planning the motor, and sought out Edison to obtain some advice. Edison, upon hearing what Ford had to say, remarked: "Your ideas are the sounder. My vehicle has to be receiving power constantly; yours can make its own." Since then the two had been the closest of friends.

the miniature paper. He procured his news from the various railway telegraph offices. Edison sold his "Weekly Herald" at 1½d a copy or 4d. for a month's subscription. Edison produced the journal without aid, acting as advertising manager, circulation manager and newsagent. The paper immediately reached a circulation of 400 copies.

Through visiting the telegraph offices at the various railway stations Edison became interested in electricity. Then he had a boy chum erected a telegraph line between their homes, and by dint of practice late at night they soon became quite proficient.

Things ran smoothly on the railway train until one day the luggage van gave a severe lurch, and one of Edison's phosphorus sticks was thrown from a shelf to the floor. The phosphorus became ignited, and the van took fire. Edison attempted to extinguish the blaze but failed. The timely arrival of the conductor, however, with some water saved the situation. Then the conductor lost his temper, and boxed Edison's ears. These blows ultimately caused the deafness that developed and remained till his death. At the Mount Clemens station the conductor evicted Edison with his complete outfit, and left him on the station, his equipment ruined, and the boy in tears.

Edison re-established his laboratory in the family cellar. He continued to run his paper, "The Weekly Herald," until at the suggestion of a young friend he enlarged the paper, which he renamed "Paul Pry." Under this new title Edison's journal indulged in small talk and pointed personalities. One resident of Edison's home town became so peeved over a personal allusion in the said journal that he pitched the youthful editor into the Saint Clair River. The paper did not long survive this episode.

EDISON continued on the trains with the newspaper concession, but contrived to do endless reading at the Detroit Public Library. His hunger for learning was insatiable.

One morning in August, 1862, when Edison was only 15 years of age, an incident occurred which had a direct effect on his career. The child of a stationmaster at Mount Clemens was playing in the gravel on the railway line when a loaded box car was shunted along the line. Edison threw his cap off, flung his newspapers aside and dashed out on the line. He jerked the child clear of the box car just in the nick of time, for a wheel struck Edison's heel, but fortunately without inflicting any injury. The stationmaster showed his gratitude by undertaking to instruct *(Concluded on page 30.)*

The New Zealand Radio Record

—AND—

Home Journal

(Incorporating the "Canterbury Radio Journal.")

P.O. BOX. 1032, WELLINGTON.

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

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

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RADIO PUBLISHING COMPANY OF NEW ZEALAND, LTD.,
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WELLINGTON, FRIDAY, OCTOBER 30, 1931.

EDITORIAL NOTES.

THE news from Australia that the major gramophone companies are finding their business seriously affected by the too liberal and unrestricted use of their records over the air by broadcasting stations is of importance in the suggestion that heavy restrictions upon this sphere of activity are likely to follow. We are not surprised at this news. The position has arisen before, and already a certain amount of restriction is applied. This is mainly applicable to the "A" class stations, which are under proper co-ordination and control. The "B" class stations are not so well organised, and, because they rely almost entirely upon recorded music for their programmes, are the greater offenders from the point of view of the gramophone companies. From the "A" class stations the gramophone companies, through the Copyright Association, doubtless draw some financial remuneration as compensation for the use of their copyrights. The "B" class stations, at any rate in this country, pay but a nominal fee of some £10 per annum, this being set low in recognition of their absence of a revenue.

In Australia there are some 44 "B" class stations affected. In New Zealand there are 32 "B" class stations registered, although all do not operate on anything like full schedules. By reason of these stations using records freely and in the main being prepared to give request numbers as desired, it is understandable that some trade in popular records may have been lost to the gramophone companies. There is, of course, another side to the story. That is, that through publicity given to good records, sales may be stimulated and the revenue of the gramophone companies increased. Without the necessary business data it is somewhat difficult to assess the respective strengths of these two forces. It is plain, however, that the gramophone companies consider they have a case for control and at any rate judicious co-operation on the part of the broadcasting authorities. The situation is certainly a case against the indiscriminate expansion of radio stations and for the establishment of a unified service which, while protecting the interests of listeners, can co-operate with business interests affected by radio.



Pulmonas
PASTILLES
for
COUGHS and COLDS

Local Composers from 1YA

(By "Call Up.")

PROGRAMMES consisting entirely of music composed by New Zealanders have previously been given from different YA stations, but on November 12 the Society of Musicians will broadcast from a programme which will all be the work of present residents of Auckland. That there is a wealth of local talent among composers and song-writers is amply proved by the fact that considerably more material was offering for this programme than could possibly be used, and it is most pleasing to find, somewhat unexpectedly, that Auckland can boast so many clever and accomplished people.

The programme will include a trio composed by Mr. Eric Waters; Amy Hansard singing two of her own songs; two piano solos by Renee Satchwell played by the composer; a sonata for cello and piano played by Dr. Trevor de Olive Lowe, with accompaniment by A. Luscombe, the composer; songs composed by Mary Brett and sung by Molly Atkinson, Len Barnes, and Laura Walker; Owen Jensen playing Fantasy Prelude and Air with Variations of his own composition; two songs composed by Tracy Moresby and sung by Margo Anderson; Ida Walker singing two songs composed by Renee Satchwell; Dr. de Olive Lowe playing "Berceuse" and "Mazurka in D Major," composed by Mr. Luscombe; and Ewart Lyne playing two of his own compositions entitled "Caprice in B Flat" and "Laughing."

Such a programme makes imposing reading, and listeners can confidently expect that it will fulfil all its promise in actual performance. The encouragement of local composers is a worthy work, and every listener can do his or her part of it by making a point of hearing this programme of local works.

News and Notes from the North

(By "Call Up.")

AS all guid Scots know, November 30 is St. Andrew's Day, and although this year it falls on a Monday there will be a good company of Scotch artists at 1YA for the evening broadcast. This will include the Auckland Pipe Band, the Twa Macs, Elton Black, and Alice Bennetto in Scottish numbers, Beryl Barker, Kay Christie, and Reta McCullay singing solos and duets of Scottish folk songs, and in fact everything Scottish will be there except the haggis, so let all guid Scots gather round the loudspeaker on November 30.

THE wrestling at the Town Hall on October 19 was not broadcast owing to a last-minute decision by the wrestling authorities not to permit it. It is indefinite at the moment as to whether permission will be granted for the broadcasting of any more matches this season. However, the season is just about to close. Although the match last week was an exciting one, it is stated that the attendance was poor.

THAT popular tenor, Denis Sheard, who has recently been singing from 2YA, is now back in Auckland, where he expects to stay for a month or two.

Gramophone Companies Protest

Against Broadcasting of Records

ALLEGATIONS made recently in Australia by three leading gramophone companies that the unrestricted use of their records by broadcasting companies was very seriously affecting their business is now followed by the announcement that an attempt is being made to place forthwith a heavy restriction upon the activities of broadcasting companies, both in Australia and New Zealand.

If this is done, upward of 44 B class stations in the former country probably will have to close, and the position is likely to be tested in the Courts.

Auckland's Aviation Week

IN connection with Aviation Week, which begins in Auckland on November 16, Mrs. Hewlett, of Tauranga, will give an address from 1YA. Mrs. Hewlett, who is the widow of Maurice Hewlett, the novelist, was the first woman in England to learn to fly. In doing so she adopted the soubriquet of "Mrs. Bird," and has ever since been a most picturesque figure in aviation circles. During the war she erected and controlled large aeroplane works. More recently, when returning from a visit to England, she flew by the Dutch line to Batavia. She would have flown to New Zealand had that been possible. Mrs. Hewlett has expressed her intention of "doing her bit" to develop the air-sense of the people of this Dominion.

1YA proposes to broadcast a description of night flying and fireworks at Mangere Aerodrome on November 21.

2YA Children's Sessions Advisory Committee

A MEETING of the 2YA Children's Sessions Advisory Committee was held on Tuesday, October 13, Pastor Carpenter ("Uncle George") presiding. There were present Messrs. G. W. Morgan (Radio Children), W. A. Andrews (Anglican Boys' Home), J. Crewes ("Big Brother Jack"), W. E. Howe (Sunday Schools' Union), J. Ball, Mrs. Green (Federation of University Women), Miss E. Wilson (Free Kindergarten), Mrs. D. Evans (Children's Organiser).

An apology for absence was received from Mr. Greenberg. The work of the session was discussed and official visitors for the coming month, Messrs. Morgan and Howe, were appointed.

It is hoped to arrange for him to sing from 1YA during his stay in Auckland.

ON Sunday, November 8, an interesting feature of the evening programme will be given by Mrs. Zoe Bartley-Baxter, who will recite the whole of Alfred Noyes's poem "A Tale of Old Japan." This recital will be given with a special orchestral accompaniment arranged by Mr. Harold Baxter, conductor of the Salon Orchestra.

Brass Band Concert

From 3YA on November 1

BRASS band concerts are a frequent feature of broadcasting programmes, and they are always acceptable to listeners in general, but additional interest will attach to 3YA's relay from Oamaru on November 1, owing to the fact that this is the first occasion on which the champion B Grade band of the Dominion has been put on the air.

The Oamaru Municipal Band won the B Grade championship in Dunedin in 1930. It secured the highest points in both selections, and put up two magnificent performances, of which the judge spoke in the warmest praise. Musical critics expressed the opinion that the band's playing was much above the standard expected in the B grade competition. A pleasing feature about the personnel of the band is that with the exception of about half a dozen players, the members are young fellows in their teens and early twenties. The conductor, Mr. Henry Pheloung, is a native of Oamaru, and belongs to an old family well known throughout New Zealand for their musical talent. His father won distinction as the solo cornetist of the old Oamaru Garrison Band, which, in its palmy days of thirty years ago, was the crack band of the Dominion. Another brother was at one time the premier cornet player of Australia.

To Mr. Henry Pheloung's innate musical ability, the Oamaru Municipal Band owes its present high standard. The band will render a march and a hymn, the overture, "Sunday Parade," and the selection "Nabucco" (Verdi).

Miss Vera Slater, A.T.C.L., will, in addition to acting as accompanist for the evening, contribute two pianoforte numbers. Miss Slater is a brilliant pianiste, and has had a most successful career. In 1922 she was awarded one of the two senior exhibitions offered in New Zealand under the Trinity College examinations, the examiner, Mr. Creser, speaking in highest appreciation of her performance. Listeners are promised a treat in her two numbers.

Other artists on the programme will be Miss Pratt, of Dunedin, whose beautiful contralto voice has previously been heard over the air, and Mr. Allan Shrimpton, an exceedingly fine baritone, who has appeared on the concert platform under the management of those well-known entrepreneurs, Messrs. J. and N. Tait. Mr. W. J. Hill, a violinist of repute, and Mr. J. McLeon, a singer of songs in the lighter vein, will supply acceptable items.

The Oamaru Savage Club Orchestra is under the baton of Mr. Henry Pheloung, and is probably the finest combination of its kind that has existed in Oamaru. Recent public appearances have won for it unstinted praise.

The whole of Sunday evening's programme has been carefully selected, and promises to be the most enjoyable concert organised in the White Stone City for many years.

HAVE you renewed your subscription to the—

"Radio Record and Home Journal."
12/6 in Advance.

Box 1032, Wellington.

Still They Complain

Even the B.B.C. Comes Under Constant Fire

The British Broadcasting Company, with the wealth of revenue derived from four million licensed listeners and the world's finest artistry at its command, undoubtedly provides an excellent service. But—well, just glance through the following extracts from recent London papers, and you will realise that the B.B.C. is subject to criticism on all points precisely as is the broadcasting service of this Dominion. You will learn, too, how the B.B.C. system of allegedly non-political control lends itself to political exploitation at the expense of the licensed listeners.

THERE was too much organ yesterday—three recitals in seven hours.

WHY was London Regional idle for two consecutive hours yesterday? It meant that London had to take a two-hour programme from the Midland studio.

DURING vaudeville broadcasts I have often noticed with some pain that the individual playing the piano accompaniment seems to be seized with a kind of frenzy, which renders the singer practically inaudible. Several of my readers have written to me protesting. They call on the B.B.C. either to advocate a more frequent use of the soft pedal or to shift the piano further away from the microphone.

I STILL find a good deal wanting in the voices of the dance band vocalists. Again I stress the importance of this point to dance band leaders. If they must have a "voice" let it be a good one.

VARIETY may be the spice of life, but it is certainly lacking in the B.B.C. programmes for Sunday.

THE "Evening Standard," prompted by the ever-increasing interest in public broadcasting, has formed a complete wireless department. Its policy will be "better wireless"—better transmissions, better reception, better apparatus.

THE B.B.C. certainly might arrange for a little more variety.

THIS week has been made notable by the fact that the National Anthem was broadcast. . . Thirty-six Continental stations close down with their national anthem; but the national anthem of the greatest kingdom on earth is never heard.

JUDGING by the letters that reach me, it is not Bach and the high-class music that is most generally criticised, but vaudeville and jazz.

THE B.B.C.'s new arrangement with the Post Office, whereby the latter will receive 10 per cent. instead of 12½ per cent. of the license revenue, is regarded in many quarters as unsatisfactory. Even now, it is contended, the Post Office is taking far too large a share of the license revenue, and this, in conjunction with the fact that the Treasury is receiving a large proportion also, is undoubtedly hampering the B.B.C. considerably. I hear also that pressure is likely to be brought to bear on the B.B.C. to devote this extra £35,000 to a more satisfactory Empire short-wave service. That this is unlikely to be done is obvious when the B.B.C.'s financial position is examined.

Rigid economy is still being practised at Savoy Hill, and there is no doubt that, what with the cost of the Regimental scheme and the new Broadcasting House, the B.B.C. has not a penny to spare.

THE appearance of the B.B.C. Theatre Orchestra in the Sunday programmes has led many of my correspondents to express the hope that the B.B.C. is at last determined to give up its die-hard policy about brighter Sunday programmes. I must admit that I myself was surprised when I noticed in the National programme for Sunday that at 4.15 the Theatre Orchestra would play a more or less popular programme of music, but on inquiry I find that the B.B.C. has not the slightest intention of revising the Sunday programme policy; nor has it any intention, at the moment, of broadcasting alternatives to the religious services; nor is there any intention of retiming the evening programme items, so as to allow listeners to listen to the

main musical broadcast at 7.30 or eight instead of 9.5. So I am sorry to disappoint my readers. The die-hard Sunday programme policy still survives!

RADIO listeners should protest most strongly against the proposal to impose a further tax on broadcast entertainment. If the recommendations of the Economy Committee—now being considered by the Government—that another £475,000 should be sliced from the radio revenue go through, the result can only be a depreciation in the entertainment values of B.B.C. programmes. There is some slight excuse for the Post Office netting its £226,583 from wireless licenses, because the Post Office contributes, or has contributed, a little toward B.B.C. services. But the Treasury has done, is doing, and proposes to do nothing for the £516,426 it took last year. At the present rate of license-issue the Treasury would get another £596,166 this year, but the proposal is that this sum should be increased to more than £1,000,000.

IT is a disappointment to find that the B.B.C. has made an alteration in the usual programme routine. For some considerable time Leonardo Kemp and the Piccadilly Hotel orchestra have been a welcome item during the lunch hour every Monday and Tuesday. They are particularly skilful at selecting the appropriate kind of material for that session. Now they are confined to one day only, and their place was taken, this week, by a concert from the Manchester studio, where three artists rendered a programme that was perfectly suitable to a Sunday evening and perfectly unsuitable to a week-day lunch hour. Savoy Hill will not displease the public if they discover the superiority of second thoughts.

LEONARD GOWINGS is a veteran broadcaster. Neither his nasal tone nor interpretation pleased me. Among others, he sang the old favourite "O Mistress Mine," and "Slow, Horses, Slow," by Mallinson. The latter was interpreted in a manner contradictory to the title and theme. Then there was the Studio Orchestra with a dolorous programme, Arne's bright, frolicsome stuff being followed by dismal matter by Dr. Cyril Rootham. Most of the afternoon was mournful. Later the Wireless Chorus accentuated the gloom with ecclesiastical music by Byrd and Holst. In the Byrd numbers the chorus gave every credit to Mr. Stanford Robinson, the conductor.

COLONIAL RADIO



"RADIO'S CLEAREST VOICE"

The Radio You are Proud to Own

Germany Pays Her Pound of Flesh

Political Crises Inhibit Industrial Expansion

By R. M. LAING, M.A., B.Sc.

(A Talk from 3YA.)

IN 1918, Austen Chamberlain stated the war was a race between victory and revolution on both sides. He was right, and in the defeated States revolutions took place, but the war still goes on, not now with high explosives, battleships and bombs, but in the economic area—by war debts, reparations and tariffs—and the present race is in many countries between economic stability and revolution or anarchy. This is particularly true in Germany, which is only at present held together by pressure from without. Apart from this international pressure Germany would break up into warring parties, revolution would follow, and the country might finally be controlled by a Fascist (Hitlerite), or, on the other hand, Communist Party.

The Germans know, however, that France and her Allies are ever on the watch; and on the failure of Germany to meet her agreements would at once invade or adopt other unpleasant tactics to endeavour to compel payment. This fear of outside nations, together with the common sense of the large majority of the Germans, alone at present keeps the Government in its place, and prevents the various camps from breaking out into open rebellion. Such, briefly, is the present position, but in order to understand it we must go back to the period at the end of the war and outline events from that date.

In 1918 the impossible happened—a revolution in Germany. Up till the beginning of the war no country seemed to have a more stable Government than Germany. The masses of the people were too docile and well disciplined to give colour to any suggestion of revolt. The Government appeared to be more solidly entrenched than any other European Government. It is true that there were many parties in the Parliament or Reichstag, but none of these had a controlling power or seemed likely to have it.

It is to be remembered that in Continental Parliaments no single party as a rule holds the reins of government. The governing body is usually composite, made up of groups of differing opinions—veering sometimes to the Right or Left, to the Conservative or to the Radical—but as a rule avoiding extreme positions. Now the largest single party in 1914 was the Social Democratic Party, which in itself was also largely divided in its aims. On its extreme left were the Communists, led by Karl Liebknecht and Rosa Luxemburg—showing a standard of a brilliant red—but on the right the flags were only faintly pink and the views of the members were mildly liberal—when the war came Karl Liebknecht was the only one who dared to vote against war credits. As revolutionists and pacifists he and his party openly denounced the war.

When the Russian revolution came in 1917, it gave an immense impetus to Communist propaganda in Germany. This year, too, was Kohlhuben (turnip)

In the present collapse of international finance standards, few countries have suffered worse than Germany. But does that country, which still struggles under the exacting terms of the Treaty of Versailles, excite the sympathy it ought? In this article the writer answers that question and expounds some reasons why Germany, now with some 15 millions unemployed, is in an almost catastrophic state.

year in Germany—when the majority of the people lived chiefly on turnips; and anti-war sentiment was growing fast.

Out of the left wing of the Social Democratic Party sprang what during the revolution was termed the Spartacist Party. The Spartacus League, inspired by Rosa Luxemburg and K. Liebknecht, made great headway in undermining the workers' support of the war, but during the revolution the two leaders were arrested and assassinated.

From the Spartacist League, however, there has developed the modern Communist Party, of which more anon.

Opposed to Spartacists was the ultra-patriotic Vaterlands partel, under the leadership of Admiral von Tirpitz. This was the forerunner of the reactionary nationalist groups in Germany at the present time, and of the Hitlerites. On October 4, 1918, "as a forlorn hope," the Kaiser appointed as

Chancellor the Liberal Prince Max of Baden, who, for the first time in German history, included Socialists in his Ministry. On October 28 the fleet at Kiel mutinied; by November 4 the whole navy was in revolt. By this time the military situation on land as well as at sea had become desperate. Soldiers and workers' councils were formed at sea and on shore.

On November 8 Bavaria proclaimed itself a republic, and the Bavarian royal family fled the same day. On November 7 an ultimatum was issued by the Socialist leader, Scheidemann, that unless the Kaiser abdicated the Socialists would resign from the Government. On November 10 the Kaiser fled to Holland; and a Republican Government was formed by the Social Democratic Party and Independent Socialists of Germany. However, the Spartacists continued to fan the flames of discontent and party strife, and raised a rebellion which was put down with bloodshed in the so-

called Spartacus week, January 5-12, 1919. Yet their work still lives in the Communist group.

A Constitution Drawn Up.

AT Weimar in the same year a constitution was drawn up—said to be the most democratic in the world—and put in force. The Reichstag (or lower chamber) is elected by universal suffrage, on the principles of proportional representation. A second chamber representing the different States has subordinate powers. Provision is also made for the initiative and referendum. The State church was done away with, as well as the extremely antiquated and reactionary Governments throughout the Empire. This democratic Government is now on its trial.

As a result of the publication of the Versailles Treaty in 1920, an ultra-patriotic Conservative revolution broke out led by Dr. Kapp, usually known as the Kapp Putsch. A general strike made it abortive, and Kapp ignominiously fled to Sweden. Germany was learning the tactics of passive resistance.

Internal Quiet.

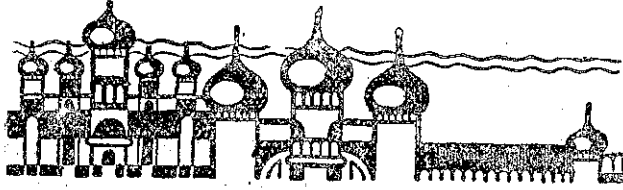
SINCE this date to the present there have been no dangerous internal disturbances in Germany, but the nation is still at fever heat below the surface; though there are also strong forces making for peace and stability. The Government has throughout tended towards the Right or Conservatism.

War Debts and Reparations.

BUT Germany is suffering many injustices and until these are rectified or at least adjusted there will be turmoil in the land; perhaps the greatest and most evil of all is the statement in Article 231 of the Treaty of Versailles that Germany was solely responsible for the war, and that therefore she may justly be called upon to pay war debts and reparations.

Every student of war origins now knows this statement is false, and the imposition of payments of astronomical proportions on Germany quite unjustifiable. Until this economic burden is removed from Germany there will be dispeace in the land. The Treaty of Versailles must be revised. A second great injustice from which Germany is suffering is the removal from her rule of the territory now known as the Polish corridor and the placing of it in control of Poland under the plea that the inhabitants are mostly Poles. Territories that had been German for 700 years have been placed under the tyrannical Polish rule by the treaty. As a matter of fact, the corridor is chiefly inhabited neither by Poles nor Germans, but by an old Slav race known as Cassubians. In any case the numbers of Germans in the territory probably outnumber the Poles, though accurate statistics are hard to come by. By this corridor East Prussia is separated from the rest of Germany and the Poles, and obstacles put in the way of free transport.

(Concluded on page 29.)



Russian Music

is the title of the "Musical Portrait"
to be broadcast from 2YA on
November 2 by

Ernest Jenner Pianist

Playing
"Theme and Variations" (Op. 72) Glazounov

Hilda Chudley Contralto

Singing
"The Soldier's Wife," "Lilacs," and
"To the Children" Rachmaninoff

The Chameleon that is Alsace

By GORDON S. TROUP

ALSACE-LORRAINE might almost be characterised as the flint from which sparks have flown in the past to set fire to the tinder of Europe. What has been might be again. Situated between France and Germany, it occupies a key position. In the present delicate state of international affairs, this position is of outstanding interest and moment, and the account given by Mr. Gordon S. Troup in his talk will illuminate the psychology of its inhabitants and the geographical importance of the country. Mr. Troup, a son of the former Mayor of Wellington, was stationed in Paris for some time in a responsible position.

BY whatever way you approach it, Alsace gives the impression of a natural entity, self-contained and self-sufficient, with clearly-marked frontiers. Coming from Switzerland, you career down the mountain barriers; coming from Germany you cross the "heroic stream of the Rhine" which rushes deep and turbulent, and till recent times changed its bed with disconcerting suddenness; coming from any region of France you have to clamber over the Vosges Mountains which form a natural boundary on the west.

As we are to-night travelling on that most easy and rapid medium known as an ether wave direct from 3YA, we can soar over all these barriers easily, and take in the lie of the land in a bird's-eye view. It will be well if we put an atlas open in front of us, however, so as to pick out the main features we see, for that region has not yet got the name-plates printed on it large enough for the convenience of Radio Broadcast Limited tourists.

What we now see is a broad plain stretching due north from the edge of Switzerland, for a hundred miles, flanked by the Rhine on the right and the Vosges mountains ranging from foothills to 3000 feet on the left, and watered down the centre by the Ill, a tributary of the Rhine.

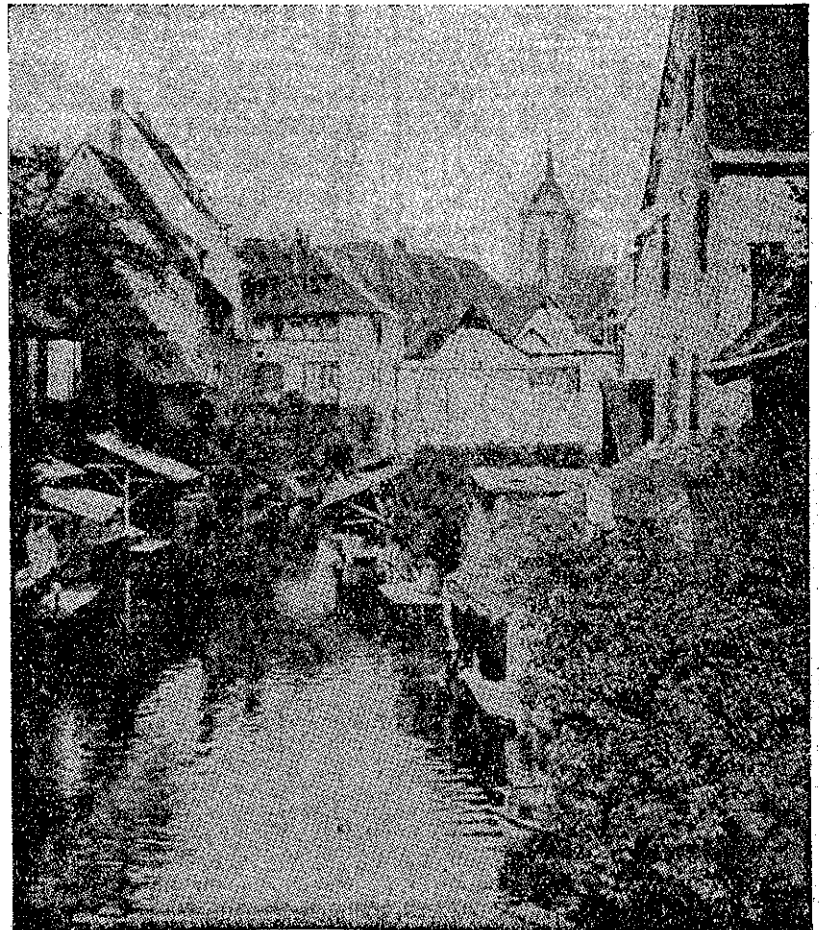
The plains and rolling hills are fertile; grain, grapes and hops keep the many mills, wine-presses and breweries working hard, and the mountain valleys are covered with forests, while the many streams supply abundant water-power. An abundant rainfall makes it good cow-country, though the winters are very severe; and altogether the first inspection of Alsace strengthens the first impression of a country able to live on itself and by itself, and accustomed to doing so.

WHEN we come nearer to earth, we get a glimpse of steep-roofed houses with wooden beams criss-crossed on their high gables, each having a strongly-marked individuality. If we could peep inside, we should see some wonderful rafters and furnishings in the central hall or "Stube," and the invariable porcelain stove on one side blinking at a grandfather clock opposite.

But from our airy viewpoint we shall have a better chance of seeing the stork's nest on the roof, and noticing how closely the houses group themselves together, in spite of their apparent independence. This is markedly different from the rest of France, where the houses are more

uniform, but, except in the towns, more widely scattered, as a rule. In Alsace you travel several miles without passing a house, then you meet a compact village, usually with a name ending in "—heim" or "—hause," meaning home, and thus keeping alive the old feudal practice of grouping the tenants round the lord or squire. Feudal days still live in the quaint streets, and architectural and artistic beauties of towns like Munster, Mulhouse and Colmar, but it is farther down the Ill River—or farther up on the map—that we find the queen of them all, Strasbourg.

President Poincare expresses his admiration for this city in these moving words: "A book is too short to describe her; a month is too short acquaintance with her; a lifetime is too (Concluded on page 8.)"



The old capital of Upper Alsace, Colmar, often called Little Venice, is a very characteristic Alsatian town, with irregular streets and painted timbered houses with high, sloping roofs. The Lanch and the branch of the Rhine, and the Rhine canal flow through it. Nearby are the Vosges. It is one of the towns in which many of the people are German-speaking.

The Chameleon that is Alsace

(Continued from page 7.)

short for loving her." From far away the noble Gothic cathedral takes the eye, and at close quarters it is still inspiring. Strasbourg was a swamp in the days when it was built, and yet those mediaeval architects managed to stay their vast stone creation upon floating piles. When one huge spire was sent up over 450 feet, however, it was seen that the piles would not stand a second one, so the cathedral remains unique, with its single finger pointing upward, and the stump on which the mate to it has never grown. Inside the cathedral the harmony and beauty are even enhanced. It is indeed, as Poincaré says, "a place to lead unbelievers to meditation and believers to prayer."

The oldest part of the city, as of Paris, is on an island in the middle of the river. There one finds the most curious survivals in overhanging gables, quaint bridges, and tortuous, picturesque streets. Some of the names that have survived have a delicious ancient flavour, e.g., St. Peter-the-Old's Church, the Old Wine-Market Square, Broglie Square, Fisherman's Quay, St. Nicholas Quay, Suckling-Pigs-Market Place, and Little France.

Down at the river's edge are innumerable washing-shelters for the washerwomen of Strasbourg, who get right into their tubs in this part of the world. They are fully clothed, I would have you believe, for the tubs contain nothing but straw to cushion their laborious knees. They kneel in the tubs and lean over the edge to wash their laundry in the running water.

But Strasbourg is not all made up of old-fashioned survivals. Its name shows that it was the city known for its paved streets, when the rest of the country was bog. It is a most thriving port; for by the Rhone-and-Rhine canal it communicates with the Mediterranean and the North Sea, while other waterways link it up with the capital and the Bay of Biscay ports. It is in the strategic centre for roads and railways from all parts of France and Germany and beyond, and has always been a vital centre for exchange and commerce of all sorts and for military operations.

There is a splendid new university standing in spacious grounds of its own, built by the Germans during their occupation, and far outshining the other universities of France in its modernity and completeness.

Racial Characteristics.

ALSATIAN people have a most interesting and complicated psychology, due partly to their situation, and partly to their history, but mainly to their racial characteristics. They are in the main purely Celtic, and the natural barriers of the province enabled them to develop for long centuries independent, or practically independent, of all the outside world.

More recent times have seen the barricading power of her natural defences seriously reduced: the Rhine has been tamed, canals dug, and the ranges pierced. As a result, this Celtic people feels that its old-time liberty has been stolen from it, and nurses a natural grievance. Now the results of

a natural grievance concerning the liberty of a Celtic people are well known to us. We have had the same recipe in Ireland. And the Alsatian, with his glorification of the past, his satirical despair over the present, and his spontaneous opposition to all governments, has a good deal of "Irish" in him, as the following story will show:—

A few years after the war, a train on the State-owned railways of Alsace was held up at a small station. A carriage full of Alsatian passengers began to grumble more and more as the delay continued. "Under the Germans," they said, "the railways were well run. The trains were hardly ever late. It is awful now that these Frenchmen are in charge." Just then the guard came in, and they asked him what the matter was, and what the stationmaster was doing. "Oh," replied the guard, "the stationmaster is a Boche whom the French have kept

in his position." And immediately they all shouted with one accord: "What! A Boche here as stationmaster! He ought to be kicked out!"

Patriotic Fervour.

THIS is a different tone from the patriotic fervour of Alsace at the time of the Great Revolution, when the Marseillaise was written at Strasbourg; or the feverish delight of the days following the Armistice, when French and Alsations talked affectionately of "deliverance" and "the restoring of broken unity."

There is an active and influential autonomous party, or "Sinn Fein" party, as we should call it, clamouring for nothing short of complete independence from France. And during the last few national celebrations of the taking of the Bastille, on the unforgettable July 14, Strasbourg, the birthplace of the Marseillaise, has almost ignored the national holiday; for the

mayor and corporation are in the main Communists, who have espoused the autonomist cause, and have joined forces with the Catholic party for this purpose.

There are two sides to the question, and it is necessary to understand them both sympathetically. The French certainly give the ever-ready critical powers of the Alsations plenty of scope and encouragement. The French administration is over-centralised and muddled to a degree unbelievable to those who have not suffered under them. Alsace has been used to German government, which, if repressive, was efficient, and gave a remarkable amount of local government to Alsations, which did not prevent them from sending members to the Reichstag to obstruct and object in season and out of season.

Then, the religious question plays an important part in the problem. France has taken a strong anti-clerical turn since 1871, when she lost Alsace. One result is that the churches of France were disestablished about 1900. But Alsace kept her established church under German rule, and now, back under French rule, is keenly anxious to retain it still. She has a much larger proportion of practising Protestants than the average of France as a whole, and the practising Catholics are also more numerous. These communities do not want to be swamped by free-thinking France. At the root of it all, perhaps, is the question of language.

Alsatian Dialect.

The Alsations have always spoken a South German dialect of their own, which suffices for their ordinary needs, but has no literary nor artistic possibilities. Nearly all the newspapers are printed in standard German, for instance, and sermons are preached in that language. But the language of the schools and officialdom is now French, although people still living can remember having had to change over forcibly from French to German in 1871, and back again to French in 1918, while all those twenty years of age or over have had one such change.

The result is that instead of being able to speak or think freely in French, or in standard German, or in Alsatian dialect, they keep different sets of ideas in different language compartments, and when it comes to expression they fall between the two, or worse, still, between three stools. They have suffered an average of three invasions, by French or Germans, every hundred years. They have changed nationality so often that they are apt to be sceptical about the whole idea of nationality.

There are, however, a certain number of enlightened Alsations, who realise that their small country is fitted to play a vital part in solving one of the most difficult European problems, the Franco-German one. By historical and geographical endowment, as by language and culture, they are clearly marked out to be the best interpreters of Germany to France and of France to Germany.

Let us hope that increasingly the hands of farsighted people will be strengthened, and that their dream of a contented Alsace, with more local self-government within the French Republic, mediating between France and Germany, and showing them the way to co-operate effectively, may soon be realised.



F
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The Concert Version of
GOUNOD'S FAMOUS OPERA

will be Broadcast from 3YA
on WEDNESDAY NEXT by

THE ROYAL (Christchurch) MUSICAL SOCIETY

Under Mr.
W. H. Dixon

SOLOISTS:

Addie Campbell Marguerite
M. O'Connor Siebel
Wilfred Kershaw Mephistopheles
Hubert Carter Faust
Clive Hindle Valentine

A Chorus of 200 Voices Supported by a Full Orchestra

WE don't get much fun way back where we are and a little goes a long way, so when Dad read in the "Radio Record" that they were going to broadcast some of Albert Russell's genuinely galvanic joy germs, he had us out of bed that Tuesday morning before the early worm had time to do a few turns.

"Them what don't work," he shouted, "gets no joy germs!" meaning that he wouldn't let us listen-in at night! My word, he was in a great humour! When Strawberry backed into him and he sat in the pig's breakfast, he even laughed and patted her on the back, saying she was a "playful old gal!" Thus encouraged, she flicked him in the eye with her tail. Of course, he couldn't laugh at that, but he soon cheered up again. Even when somebody left the main road gate open and half the sheep in the front paddock wandered off, he mustered them back with songs he had learnt in the army. That's the only kind he remembers!

By breakfast we had done a cheerful day's work! Dad had even been handling heavy sacks and prancing around with them like a two year-old! Certainly some of the advance guard of the joy germ brigade must have passed along our way! Halfway through breakfast Dad suddenly thought about his radio batteries. His face fell. Once before when a special programme was being put on, the batteries wouldn't work. He left the table, and when he came back we all knew the worst!

"Boys," he said, "the 'A' battery's nearly conked out! I doubt it'll last the night out!" The rest of the day saw Dad in a mighty bad frame of mind—more especially as he had invited half the countryside for miles around to come along and join in the sing-song! Of course, Mum was busy baking cakes all day. She had a hard day of it, for Sister Sal was giving her a hand and nearly ruining everything, as Frank would be coming—Sal being goofy about him!

To make sure that the night wouldn't be spoiled by howling dogs joining in the choruses, Dad chained them up at the far end of the 60-acre paddock.

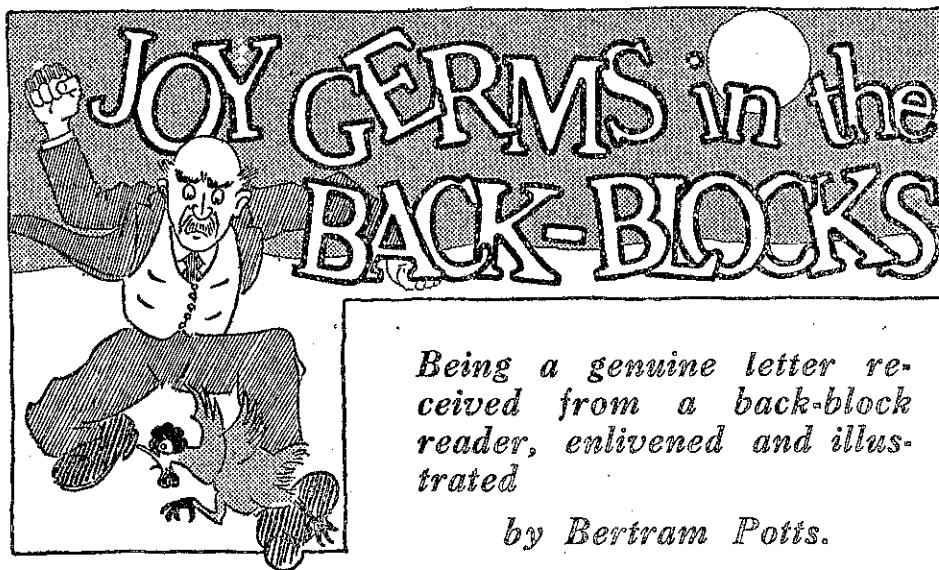
By night time he wasn't in too good a humour, more especially as Mum insisted that he should change into his respectable clothes and wear his white waistcoat, because Old Brown was coming and would be sure to wear his spats, being the only pair in our parts!

Then the visitors started to arrive mighty early, for they didn't want to miss any of the jingling joy germs. Old Charlie was the first. He lives just over the way—about four miles down the valley. He must have milked his cows about dinner-time, so he wouldn't miss anything! By halfpast seven, the house was packed and the rest of the folks were on the veranda. The more they arrived the more despondent Dad got, and it made no difference when we sang to the tune of "John Brown's Baby":—

*"Good old Albert Russell had a tussle with a mussel,
But he muzzled it and guzzled it away!"*

In the end the old joy germ started to prevail, and soon he was smiling. By ten to eight he was singing as heartily as the rest.

Folks got itching to switch the set on, but Dad wouldn't hear of it, not till Mum said to him about five to eight that the clock might be slow! Then he couldn't switch the radio on fast enough, and it



Being a genuine letter received from a back-block reader, enlivened and illustrated

by Bertram Potts.

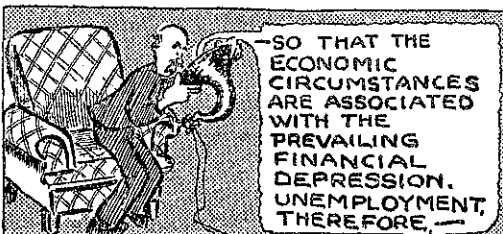
We hurried in, and there was Dad with consternation on his face looking into the loudspeaker. After a lot of unnecessary noise caused by folk shouting "Hush" and "Sh! Sh! Sh!" we heard a mournful voice say something about "the economic circumstances being associated with the prevailing financial depression!" "Albert's off colour," said Dad, "but wait till he warms up! Muriel must 'ave made 'is tea too strong—" "That's cost yer five bob for usin' their Christian names!" somebody shouted. Everybody laughed except Dad, who called "Sh! Sh!" but the same depressing talk went on about folk out of work.

"Can't make Al—Mr. Russell out!" said Dad. "'E won't get much of a collection groanin' about depression—and besides it don't sound like 'im neither!" Mum left the room and announced a minute later that she had rung the Yates's and it was Gordon Coates broadcasting a statement on unemployment. Dad got up and cried in a very loud voice. "But what about me 'A' battery? It might conk out any minute! I'll 'op outside and stop them dogs from yowlin' and 'owlin' fit to wake the dead!" and off he went. I followed him out for a breath of fresh air and discovered him violently broadcasting by the creek, and it's a wonder they didn't hear him in Wellington. After disturbing a hen, which was clucking among the toi-tois, he chased it around for making an "infernal din."

Then he went in. The same speech was going at top. "What's the idea of wastin' the bloomin' battery?" he shouted, and when Mum made a move to switch it off, he added more quietly: "Oh, leave it, 'e might stop any minute and we would miss Albert!" But it was no good, Gordon was wound up, and it was silly of Dad to shout rude remarks into the loudspeaker. Once he said a naughty word and had to apologise! Mum went very sour with him.

"Well, what does Gordon Coates care about the struggling farmer and 'is 'A' battery?" he retorted. "I'm goin' to the dogs again!" He went out and poured his soul on the night air.

It was forty minutes after the community sing started that Gordon paused for a breath and somebody switched over to the community sing, and we heard the joy germ party with good old Frankie tickling the keys! We sung out for Dad and he rushed in very impulsively and nearly knocked over Mum's sick aspidistra.



But the joy germs were at their last gasp, for we could hardly hear anything, and twenty minutes later the 'A' battery conked out for keeps! Dad really should learn to control himself!

But we're all set for the 31st when they broadcast the farewell to Mr. and Mrs. Russell. Dad says: "Tell the editor fellow me 'A' battery's up to full strength and to use 'is influence so as no depression germs will get on the air again."—Yours sincerely, BROTHER JOE.

"All Bias."

I ENDORSE your sentiments, Sir. The gentleman who sponsors the Radio Column of the "Evening Post" ought undoubtedly to sign himself "All Bias" instead of "Grid Bias." Your exposure of his distorted transmission of what Britishers regard as fair play was trenchant and complete. His last budget was characteristic. He dodged your perfectly fair challenge by filling his space with a batch of anonymous letters which looked suspiciously like having been manufactured to order, and it is a curious fact that the only one of the batch that bore the writer's name was a dignified refutation of the biased absurdities of "Grid Bias."

I happen to own a powerful all-electric set, on which I work 2YA without an aerial. My location is within a mile and a half of the station, and the reception I get is truly excellent. Unfortunately I did not tune in until Mr. Coates must have been half way through his address, but when I did get him his voice came in as if he were in the room. If "Grid Bias" is not man enough to accept your challenge, radio listeners will in future know just how little importance to attach to his fulminations against the Broadcasting Company.—City Listener (Wellington).

Out of Step.

IF I were "Grid Bias" I should be feeling as small as the proverbial pea. It looks as if the bias he spills is allowed to run over into the other columns of the "Post," for the comparative reports which you publish side by side provide an exposure of one-eyed partisanship which should make any self-respecting newspaper blush. But why challenge the poor chap to do the impossible? You've heard of the old lady who went wild with enthusiasm

REMORSE

Is apt to follow impulse. Don't risk it when buying a radio receiver. Investigate the "Ultimate"—then see if there is any other set that can compare with its advanced design and wonderful performance, or its 1932 feature of Shortwave and Broadcast reception.

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

when the company of soldiers marched by and she saw that every blessed one of them was out of step except her own boy. Well, "Grid Bias" tells us he runs a self-made set that beats the band, and it gives him rotten reception from 2YA, and we who find the reception A1 are, of course, all out of step with him. In the language of the vernacular,

Challenge Not Accepted.

I NOTICE the challenge issued in last week's issue to "Grid Bias" of the "Evening Post" has not been accepted. nor has any reason been given for such non-acceptance. Perhaps your rather militant challenge left "Grid Bias" without any bias, and he has, in radio

What about that Challenge, Mr. Bias?

*Are you afraid of a Test
and what it would
Reveal?*

what's his game? I for one shouldn't be surprised to learn that you had picked it correctly.—Chas. Smith (Wellington).

Wolf! Wolf!

"GRID BIAS" reminds me of the shepherd boy who called the villagers out by crying "Wolf! Wolf!" when there was no wolf. One day there may be a wolf, but who will heed "Grid Bias" then? Let him make certain his complaints are justified before he cries out.—G. Gould (Ngaio).

Where and Oh Where!

I WONDER where "Grid Bias" dug up the circuit for his receiver. Let us hope it was not the "Radio Record." If that test comes off I am bringing along my crystal set (made from the "R.R.").—"Rejecta Two" (Wadestown).

parlance, "lost his emission."—"Power Detector" (Lower Hutt).

Fair Play.

EVER since the Hon. J. B. Donald, one-time P.M.G., announced that at the expiration of the R.B. Co.'s contract broadcasting in New Zealand would come under Government control, I have followed closely per medium of the Press the developments in the situation. One curious thing has impressed me all through, namely, the apparently unaccountable but real hostility of Wellington's evening paper, the "Evening Post," toward the Radio Broadcasting Company, who, during the comparatively short term of their contract, have built up the basis of a very efficient broadcasting service, when considered in the light of the very difficult condi-

tions with which they have had to contend.

The latter is rarely taken into account—at least by the very noisy critics who from time to time fly into print, and who, as often as not, apparently impudently endeavour to convince the general public that the majority of New Zealand's 60,000 listeners agree with their views. In this I refer more particularly to a small body of people—they are not all licensed listeners—who style themselves, albeit ambitiously, the Radio Listeners' League. (I very nearly put the apostrophe before the 's,' for they have a secretary who is astoundingly prolific in his tirades, both verbal and written, against the R.B.C.). I happened to be present at the inaugural meeting of the Wellington branch of this body, when a great proportion of the few people there left while the meeting was in progress. To an outsider their rudeness might have appeared unpardonable, but I can condone their offence. Besides, the conceit which was advertised as part of the evening's proceedings was rather a disappointing affair.

The remainder of the entertainment, however, which took the form of a meeting, was highly diverting. The piece de resistance came when one of the audience asked the secretary how he could claim the total membership as being truly representative of New Zealand listeners when not only licensed listeners could join, but also members of their families as well. Shortly after everyone left.

And this is the body whose extremist views are published with an alacrity and in detail which would be admirable were such news not definitely misleading to the average reader.

Moreover, as revealed in last week's "Radio Record," the "Post's" idea of reporting on a deputation to the P.M.G.

ARRIVED!

Seven-Valve Midget Radio
with a
Tone of New Richness

Push-Pull Pentodes —
Triple Multi-Mu Screen-
Grid suppressing Static,
Interference and Oscil-
lation—Tone Control—
227 Power Detector—
Full Vision Vernier Dial
—Genuine Dynamic
Speaker—Four Tuned
Circuits, fully shielded—
Handsome Walnut Cabi-
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For full Details, Demonstra-
tions and Trade Terms, write

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DUBILIER CONDENSERS for "KESTREL 3"

GIVE BETTER RESULTS!

.0001 Mica Condenser and Clips,
2/- each.
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.5mfd. Mansbridge Condenser, 2/9
2 and 10 meg. Leaks, 1/6 each.
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All Other Parts Stocked.

A. E. STRANGE

404 WORCESTER STREET, CHRISTCHURCH.

differs seriously from that of the "Dominion," whose attitude throughout the whole proceedings has been obviously impartial.

Another point. Just who are the other complainants making use of the "Post's" columns? A few who diligently write regularly—obviously listeners of the type who would never be satisfied with anything, however good; a few of Wellington's "high-brows," who, if they ever had charge of broadcasting, would weary both transmitter and listeners with the ponderous headache-producing type of music for which they professedly live; a few, in direct contrast to the last, clamouring for lighter and ever lighter types of entertainment; and one or two professorial supporters of the W.B.A. who apparently have the money and hence the time to make "culture" the be-all and end-all of their existences.

What does the average wage-earner want with culture? He wants mainly two things from his radio—news and entertainment. And culture—by which I presume our professorial friends mean a genuine appreciation of the arts—is definitely not entertainment unless one has been educated up to such an appreciation. Certainly I agree that the broadcasting authorities should not ignore their unique opportunities of offering listeners such an education, but it should be administered in small, easily-assimilated doses. And this is being done.—Photon (Hataitai).

1YA Distorted.

RE the transmission from 2YA of the Hon. J. G. Coates's speech, I was listening-in to 1YA for about 10 minutes, but it was very rough and far from natural, due, I thought, to interference on the land-line. I then dialled to 2YA, and the Hon. J. G. Coates was coming through just O.K. I might mention I am using a four-year-old five-valve battery set, but owing to 2YA fading a good deal we do not listen to that station regularly. If it were not for the fading I consider 2YA the best toned and clearest station on the dial, and I have a log of some 60-odd stations.—"Un-biased" (Pukekohe East).

"Is This Fair Reporting?"

IN your issue of October 23 you devote your editorial article and much space to complaints against the treatment of radio matters by the "Evening Post." One of your paragraphs quotes the reports of the remarks of Hon. Hamilton in replying to our deputation as given by the "Evening Post" and "Dominion," and you say editorially that "difference is so pointed as to make comment unnecessary."

We are amused at your remarks on this matter, since we thought that the reporting in "The Dominion" was more favourable to ourselves than that in the "Evening Post," though neither of course gave verbatim what was said. We feel that your complaints against unfair reporting would have been more convincing if you yourselves had reported our statements instead of sup-

Ideal Reception

Apropos our report of Press controversy concerning the quality of 2YA's transmission, the following wire, received by the general manager of the Broadcasting Company last week, is of some considerable interest, as it is the first comment received from a listener outside Wellington:—

"Apropos 'Grid Bias' and reception from 2YA, particularly on Tuesday evening last, when Hon. Coates broadcast, the speaker was perfectly received here. For modulation, clarity and all-round transmission the Dominion's premier station was ideal in performance. Listeners see through the hole in the metaphorical ladder of which 'Grid Bias' is a biased rung."—Hanstock (Dennistoun).

pressing them and quoting only the Minister. We have yet to see our arguments in favour of public ownership of radio discussed and answered.—I. L. G. Sutherland, P. W. Robertson.

[Our correspondents are referred to back copies of the "Radio Record" for the comments and discussions they desire. The relative importance of views and those expressing them is a factor in the publication of matter as well as consideration of space. There was no unfairness on our part, for we have not given the effective replies made by Mr. Palliser and others to our joint correspondents.—Ed.]

Is 2YA Spoiled by Heterodyne?

I NOTICE in your columns of October 23 a letter signed by A.E.J., Levin, stating that the music heard faintly in the background of 2YA is merely the orchestra practising. Besides the orchestra there is an American station which I heard clearly the night that 2YA broke down. Evidently this accounts for all sorts of things said about 2YA and why so many listeners prefer to tune-in elsewhere.—Radio (Waipukurau).

Popular Programmes Wanted.

I WAS amazed and amused, along with several other "Radio Record" readers, to note a scribe signing himself "One Per Cent." If he was in favour of popular instead of sawdust-dry classical programmes he should have signed himself 99 per cent., for there is nothing more certain than the fact that a very large percentage hate classical music like so much incoherent noise, and the same very large majority prefer popular old tunes and modern melodies which are, as a rule, cheerful. I have formed classical and popular orchestras, but I now believe the classical day is done. It is out of date. People generally simply don't desire to have classical music thrust on them. Those who want it are few and can go where they like for it.—Ninety-nine Per Cent. (Pahiatua).

Good Music.

I HAVE been a radio listener for years, and have enjoyed many programmes. I have improved my set until now I have an electric model capable of good reception and with good tone, but, alas! the programmes are nothing near as good, what with

loud screeching instruments, and, worse still, so much American so-called music. It makes one wonder if they know anything about music.

It's bad enough having the international programmes at the different "Y" stations each week, but you tune into one of the other stations only to find the programme bespattered with the same, and in disgust you are compelled to go to one of the B stations. I remember looking forward to a good night's entertainment from 3YA, with a good band. Last Monday, though there were a few good items, it was spoiled with the screeching instruments and American howling or whining. Then 2YA put a good band concert on Thursday nights, interspersed with other enjoyable items, but it is also a thing of the past. Might I suggest that one of the "Y" stations (in fact, I do not see why they all could not) put on sacred music during Sunday afternoon or Sunday evening after church. Surely no one would object to good sacred music once a week.—A Lover of Music (Frankton Junction).

More Melodie Four.

THE following letter was received by 2YA: Just a few lines to condense a grouch which is practically universal down here in the Sunny South. Undoubtedly the outstanding male quartet in New Zealand is your esteemed "Melodie Four." Now, sir, at one time we were privileged to have them regularly on Saturday nights, which was keenly anticipated for days prior. Latterly, alas, we have them about every fortnight. Really this is generally accepted as tragic indeed. Be this, why not placard this slogan at your worthy station: "Less Steel Guitar, More Melodie Four"? Will you heartily thank Mr. W. W. Marshall for conceding so magnificently to the writer's special request number in the celebrated bass song "The Wolf"? Each rendition certainly appeared to suit this artist better, and we would be grateful if he will give us "Out on the Deep." We are too far south to get your community sings at the time held this season. Why not, on recommending these items, take a lead as regards

the hour from 2FC, as last Tuesday's wind-up performance was a wonderfully happy time, eclipsing the performance of any competitors—and on resuming, why not one night weekly?—"The Blind Listener" (Gore).

[The Melodie Four broadcast from 2YA on Saturday, October 24, and will be heard again on November 6. Mr. Marshall will sing "Out on the Deep" on Tuesday, November 24.—Ed.]

Some Suggestions.

THE present Broadcasting Company can be congratulated on the splendid programmes, generally speaking, which have been transmitted during the past few years. A comparison of the various systems of the world does not belittle the N.Z.B.C. in any way. The British broadcasting system and its programmes are the finest in the world, and having been privileged to hear most of these stations, I don't think there can be any argument about it. I was rather surprised to see Mr. Bloxham's article in your paper, and with all due respect to that gentleman I would not consider him a programme expert. The best items broadcasted are undoubtedly the dinner session items; Not only is good light music provided, but the selection of this music shows somebody knows his job. The par-singing, generally speaking (N.Z.) is first rate, some of the best and the worst coming from Wellington. Having for a good many years attended the Old Mo, "Under the Arches," Sadlers Wells, Old Vic, Gaiety Westminster Bridge Road (Londoners will recognise the old places), and listened to the old staggers, it is pathetic to listen to the rendering, or rather the "rending," of these old-time songs, and if the Wellington "artists" think Londoners would be satisfied by the "Lily of Laguna," and other coon songs, being interpreted as these are interpreted, they are greatly mistaken. As regards other vocal and instrumental music, the N.Z.B.C. has material second to none. The various instrumental units are very fine, and the dance sections all round are superior to the American, although there is one particularly bad jazz band in Auckland. The children's session in New Zealand are the worst thing in broadcasting! Having been privileged to listen-in to 2LO (London) every night for six months, you will understand my expression. There we have delightful bed-time stories, told by delightful aunts who thoroughly enter into the spirit of the whole thing, whilst here we have so many songs, etc., by a few precocious infants and staccato laughs by uncles and aunts that I seriously think there is very little enjoyment for the youngsters. There are exceptions, and very big ones, but certain adjustments during the last twelve months have improved this session.

(Concluded on page 12.)

RADIO GOODS *What to Buy and Where*

BURGESS RADIO BATTERIES, All Radio Dealers.

LOFTIN-WHITE AMPLIFIERS Stewart Hardware Ltd., Courtenay Place, Wellington.

MULLARD VALVES All Radio Dealers.

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TRAIL BLAZER OF



Life-like Tone."

THE INDUSTRY

Specialty selected by Manufacturers because

OBTAINABLE AT ALL GOOD RADIO DEALERS.

America's Leading Set of their reliability.

Our Mailbag

(Continued from page 11.)

As fully 90 per cent. of license holders (male) are away from home during the day, would it not be an improvement to have one station broadcasting (A or B), music, etc., from 7 to 8 p.m. daily. Why should all the A stations close down or not start till 8 p.m. Saturday? The country people come to towns on that day and have to leave early, and the dealers have no programmes to demonstrate.

Sunday programmes: From 4.30 to 8.30, approx., nothing but religious service! I do not begrudge religious services to those who appreciate them, but we have eleven different denominations in this neighbourhood, so in any

case somebody has got to go without his particular religion! So why not cater for the very many who prefer a secular programme. The only station which I can get broadcasting light music is KF1, and you can well imagine how hard up I am to have to tune in that station, with its one man orchestra. If our musical tastes are on a par with that trash we should be very poor indeed. I think I shall have to give "Ma Baby" the "Big Goby." With a little adjustment we can make the N.Z.B.C. equal to anything in the world, but you will have to cut out the children's service and religious service at one station in each island to make progress; and it surely is not an unreasonable request! A few other alterations which would be beneficial would be no broadcasting of band competitions and musical competitions (except final con-

Australian Programmes

Times Corrected for N.Z. Summer Time

Wednesday, October 28.

STATION 2FC.—10 p.m., 10.14 p.m., 10.53 p.m., and 11.24 p.m.: The National Broadcasting Orchestra, 10.7 p.m. and 11.34 p.m.: Bryson Taylor, tenor. 10.24 p.m. and 11.14: Alexander Sverjensky, pianist. 10.46 p.m. and 11.55 p.m.: Muriel O'Malley, contralto. 2BL.—10 p.m.: An atmospheric presentation leading up to "Word Pictures of Men and Manners Outback," by

"Banjo" Paterson. 11 p.m. and 11.43 p.m.: Hilda Grace, novelty pianist. 11.7 p.m. and 12.4 p.m.: John O'Keefe, baritone. 11.14 p.m. and 11.50 p.m.: Dan Agar, comedian. 11.21 p.m. and 11.57 p.m.: Clive Amadeo, saxophonist. 11.28 p.m.: "Sidelights on Old Sydney."

3LO.—10 p.m.: Half an hour of favourite serenades. 10.30 p.m.: Relay from 2BL, Sydney. 11 p.m.: Programme by the Oriana Madrigal Society and the A.B.C. Concert Orchestra. 12.10 p.m.: Comedy sketch, "The Doctor's Safe."

Thursday, October 29.

STATION 2FC.—10 p.m.: The A.B.C. Players in a radio adaptation of "Richard II." 11.40 p.m. and 12.5 p.m.: Jack Lumsdaine, the "Radio Rascal." 11.50 p.m.: Vincent Aspey, violinist. 11.53 and 12.17 p.m.: Molly Kirwan, comedienne. 12.0 p.m.: Alard Maling, bell solo.

2BL.—10.10 p.m. and 11.22 p.m.: Daisy Mangan, soprano. 10.30 p.m. and 11.46 p.m.: Signor Torzillo, harpist. 10.37 p.m. and 11.39 p.m.: Alfred Cunningham, baritone. 11.15 p.m. and 12.3 p.m.: Athos Martelli, cellist.

3LO.—10 p.m.: Dance music, interspersed with novelty numbers.

3AR.—10.15 p.m.: Transmission from Ballarat of a concert and band recital by the Ballarat Sailors and Soldiers' Memorial Band.

Friday, October 30.

STATION 2FC.—10 p.m.: Concert hour arranged by Signor V. de Giorgio. 11.15 p.m.: Relay of 3LO, Melbourne.

2BL.—10.5 p.m. and 11.20 p.m.: The Neopolitans' Vocal Quartet. 10.12 p.m.: Ethel Lang, monologues. 10.31 p.m. and 11.27 p.m.: Eileen Shettle, contralto. 10.38 p.m.: Dulcie Blair, violinist. 10.45 p.m.: The A.B.C. Players in "All Hallows Even," a playlet. 12.7 p.m.: Vocal duets by male voices.

3LO.—10 p.m.: Programme arranged by the Music Teachers' Association. 11.15 p.m.: Brass band and ballad concert.

Saturday, October 31.

STATION 2FC.—10 p.m.: Relay from 3LO.

2BL.—10.7 p.m. and 11.58 p.m.: Rowell Bryden, baritone. 10.10 p.m.: Piebald Philosophy by Percival. 10.27 p.m., 11.48 p.m., and 12.12 p.m.: The "Three Girl Friends." 10.30 p.m.: Description of boxing contest at Sydney Stadium. 11.30 p.m. and 12.5 p.m.: Wally Baynes, comedian.

Advertisement Correction

CORRECTIONS and additions to the list of agents in the Amalgamated Wireless advertisement on the front cover of this issue are:—

Fellding—Should read Robson's (Treasure Cycle Co.) Radio and Record Dealers.

Wanganui—Add Bennett, Ltd.

Dannevirke—E. C. Dearman.

Masterton—W. G. Perry, Dale and Grace.

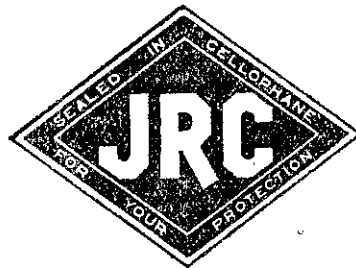
Take out Gisborne—C. T. C. Hands, Gladstone Road.

AN error occurred in Bob Horrobin's advertisement last week. "Egg Insulators 1/6 each" should have read "Egg Insulators 1/6 a dozen."

And Now

A BETTER VALVE in a Better Packing

"Thoroughbreds



of Radio"

Ready to Prove By Performance

It's not what WE say or what your dealer says, but what the Valves themselves say, that counts—

And J R C Valves, like the thoroughbreds they are, are content to be judged on performance alone.

J R C is a superior quality valve—better built, for better service. But it is not enough that it should be better built—it must reach YOU in the same condition.

Extensive engineering research and testing convinced J R C engineers that theirs was a superior quality product. The next step was to ensure that it reached the customer in perfect condition—absolutely new and unused.

Cellophane packing, the hall-mark of quality merchandise, provided the solution.

AND THAT IS WHY EVERY J R C VALVE IS SEALED IN CELLOPHANE FOR YOUR PROTECTION

LOOK FOR THE BRIGHT RED CARTON

Now with the new reduced prices, a set of J R C "super-quality" valves is the finest possible radio investment.

Call on the J R C "Selected Dealer" To-day.

A product of Johnsonburg Radio Corporation, Johnsonburg, Pa.
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Colonial Radio is JRC Equipped

News and Views of the D.X. Club

Answers to Correspondents

DX32A (Auckland): Your log for a one-valve set is easily the best we have seen.

DX5T (Okato): So that's why the "Night Owls" are so keen. Hi, Hi.

J.P.C. (P.N.): Thanks for the list of Tasmanian VK's. We are holding them for the next "Radio Log." Have you the frequencies on which they transmit?

"Northern Patrol" (Dunedin): We don't.

W.K.L. (Motueka): Constructional details of the "Super Six" receiver, a battery-operated superheterodyne, will appear shortly in the "Radio Record." Any reputable radio firm would make it up for you. For the "Radio Amateur Handbook" try Te Aro Book Depot, Courtenay Place, Wellington.

DX450C (Dunedin): Fair.

DX81W (Lyall Bay): Yes, D.X. stickers may be bought in fifties, price 1/6 post free. Congratulations on your D.X. form. Don't you find them a little expensive? Your locality may be unfavourable, but even so we think your

Are YOU a Member of the DX Club?

If not, post your application to the DX Editor, Box 1032, Wellington, enclosing 2/6 to cover cost of badge and certificate (post free). Subscription to the "Radio Log"—the DXer's own magazine—is 6/6 per annum, post free. Book your order now and receive the latest in DX news.

set should do better than it is. Are your tuning condensers properly aligned?

Addresses and Addresses Wanted

"Northern Patrol" (Dunedin): The only address we have is: XER, Mexico City, Mexico.

DX450C (Dunedin) wants the address of station 3BY, Melbourne.

Would S.T.G. (Otago) please forward his address?

Correspondents Wanted

DX32A would like to correspond with members who own small sets. Address obtainable from the "Radio Record" office.

David Andrews, 298 Catherine Street North, Hamilton, Ontario, Canada, our latest and most distant member, is anxious to correspond with N.Z. dxers.

Identification Wanted

Station on approximately 198 m. (1510 kc.) heard late on the evening of August 29 at excellent volume. Call resembled "3LB." Operator was speaking to a confere at another station. He gave height of tide, direction of wind, and prevailing weather conditions.—**DX32A (Auckland).**

Can any DX'er give me any information in regard to station XER, Dabreo, Texas? This station operates on about 720 kc. (416 m.), and as far as I can gather, is just on the Mexican border, for, up to about 1 a.m., the announcer gave the station call as "W-L," and after that a Mexican announcer came on. He spoke both in English and a foreign language, but I heard the call letters "XER" plainly several times. The American was advertising "Whirlwind Carburettor Gas Savers" after nearly each item, and the foreign announcer was advertising in English "Baxter's Melody Course of Music."—**W.K.L. (Motueka).**

Could any DX'er supply call and address of early morning (5-6 a.m.) station operating on approximately 1190 kc. (252 metres)? **DX1HB (Waipukurau).**

[Absolute identification would be almost impossible without further particulars as to items heard, etc.—Ed.]

On October 21 at 10.25 p.m. I heard a station on 1014 kc. (295 m.) giving call "2HA, Hamilton, testing." Items heard include the following: 10.25 p.m., song by Amelita Galli-Curci, soprano; 10.27 p.m., piano solo, "The Minstrels," by William Murdoch; 10.29 p.m., recitation; 10.31 p.m., song by Galli-Curci.—**DX910C (Green Island).**

Stations Identified

B.W. (Waitati).—KWJJ, Portland, Oregon, operating on 1060 kc. (283 m.), with a power of 1 kw.

DX2HB (Hastings): 1ZH, Hamilton. This station sometimes relays 1YA, Auckland. "Argonaut" (Auckland): **2MO**, Gunnedah, 1330 kc. (225 m.). **DX64A (Mokan):** Probably **KMTB**, 570 kc. (526 m.). I receive this station at good strength here. In "Stations Identified" column, reply to G.Y. (Wellington) states, he heard **KZRM**, Manila, on approximately 382 m. (785 kc.). This should be 485 metres (1018.5 kc.).—**DX1HB (Waipukurau).**

"Riser" (Dunedin): Most dxers are prepared to say that station on approximately 1080 kc. is Heilsberg, Germany. I received him on October 16 at R7, QSA4, and heard an identical talk to the one you mention. I was unable to understand the announcement, but "Konigsberg" was certainly mentioned. Are D.X.-ers giving all the information they have regarding European stations? I have an idea some are holding this with the idea of getting a report well on the way for a verification before making it public. I may be wrong, but in comparison with the number of "early birds" there is certainly not much. This has put a suggestion into my head for a D.X. Club motto: "United to assist."—**B.W. (Stratford).**

[We approve of your motto, but not of your sentiment.—Ed.]

DX Topics

Frequency of XEW.

SOME doubt is evidently felt by a few dxers regarding the identity of the Mexican station on 910 kc. (329m.) heard in August. I logged XEW at 5 p.m. on August 16 and listened to him until 6 p.m. at very good volume and tone. I received more than sufficient items to write for a report. Since then some dxers have insisted that XEW was not on 910 kc. (329m.). In the issue dated September 25, **DX3HB**, Hastings, stated that opinion was divided as to the frequency of the Mexican stations, and he gave XEW as operating on 780 kc. (384m.). He stated further that the 910 kc. channel was a cleared Canadian one. Verification from XEW just to hand states that their frequency has been changed from 780 kc. to 910 kc. (329m.). The following are full particulars of this station taken from their verification card:—XEW, "The Voice of Latin America," operates on 910 kc. (329.5m.), power 5 k.w., and on shortwave on 50m. (6030 kc.). Address: Estacion XEW, Av. 16 De Septiembre 9A, Mexico, D.F. —"Lone Star" (Timaru).

DX. Notes.

A MEXICAN station, XEN, came in very well at 11 p.m. on October 16. Announcements were made in Spanish and English, and the frequency was given as 735 kc. (407m.). The announcer remarked: "Make a note of your dial reading, for you will always find us there." This station nearly heterodynes 50L, Adelaide. Did any other dxer hear him? The loudest American station received this week has been **KMOX**, followed by

AMERICAN REPLICAS

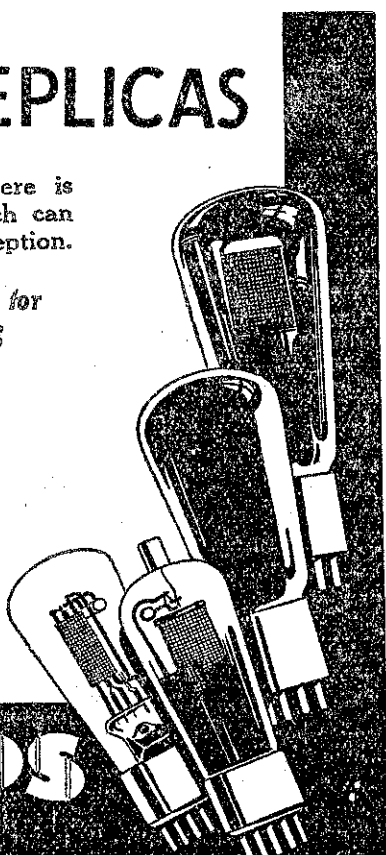
For American-type receivers there is a series of Philips Valves which can be used to give improved reception.

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KGO, and WABC a close third. KFI has gone off a lot and fades badly. 2MO is the best heard Australian "B." The Japanese stations are very weak until midnight. Of the early morning stations Königsberg, Germany, is easily the loudest and the most consistent. Speech from a station on exactly WLW's frequency is very similar to that heard from RVL, the Siberian shortwave station. Has any dxer heard this? The best time is 5 to 5.30 a.m.—H.F.A. (Masterton).

1YA Heterodyned.

THE dinner music session from 1YA on October 16 was completely drowned by WENR, Chicago. B.W. (Stratford). The frequency on which I received JOAA was 585 k.c. (1 deg. below 72L, Hobart), DX 58A (Motiti).

Another New Aussie.

I NOTICE one of "Digger's" (Hamilton) latest loggings is 1BZ, Bolzano, Italy, which he says comes in equal in strength with Bratislava. The power of the former station is 200 watts, while that of the latter is 14 k.w. Here is another new B class Australian—6KG, Kalgoorlie, W. Australia, 245 m. (1220 k.c.). This station has been on the air since September 23. At 3 a.m. on the 12th I heard 5WS, Adelaide working 3RG on 1250 k.c. (240 m.). A card has recently been received from VK7BC, Burnie, Tasmania, on 247 m. (1210 k.c.), with a power of 10 watts input.—J.P.C. (P.N.)

DX Jottings.

DXINW and DX17A have 2GB on their black lists. I received his card by return mail. Latest verifications received are: ZTJ, South Africa; 6ML,

Perth; VK5WS, Adelaide; and KTHS, Arkansas. Some facts about ZTJ, Johannesburg: Owned by the "African Broadcasting Company, Limited." Head office, Orpheum Theatre Buildings, Joubert Street. Studio, Connaught Buildings, 217 Bree Street. It operates on a wavelength of 665 k.c. (450 metres).

A new station to come on the air in Sydney shortly will be 2CH, on a frequency of 1210 k.c. (248 metres), power 1 k.w. in the aerial. It will be one of the most powerful B stations in Australia. The site for the transmitting plant is not decided, but a situation near Pennant Hills is being considered. The studio will be in the heart of the city. The station is being financed by Mr. H. Stewart, director of the Metropolitan Bus Company. I have heard VK7Dk, Devonport, at R7 lately. XER, Mexico City, has been heard at R7-8 lately. 3HA, Hamilton, was heard at R7-8 on the 21st. He asked for reports.

Some facts about 6ML, Perth: 6ML has been on the air since March 19, 1930. The station is owned and operated by Musgrove's, Limited, one of Western Australia's leading music warehouses, and this fact has enabled them to present very high-class programmes. In fact, some time ago the listening public voted 6ML by far the more popular of the two stations—6ML and 6WF. Their plant is crystal controlled and the aerial rating power is 300 watts. Re VK5WS, Adelaide: The owner, Victor Coombe, is bedridden, and has been so for eight years. In the evenings he announces from his bed. 5WS is on the air: Saturdays, 9 to 11.15 a.m.; Sundays, 9 to 10 a.m., 4.30 to 5.15 p.m., 10 p.m. to midnight (South Australian time).

European Reception Table

Following is a table showing relative strengths of reception (R1-10) of European stations tuned in one morning lately—DX840C (Dunedin):—

Bratislava	8
Heilsberg, Germany	8
Crakow, Poland	7
Muhlacker, Germany	7
Hamburg, Germany	6
Rome, Italy	5
Toulouse, France	5
EJAJ, Barcelona, Spain	4
EJAJ, Barcelona, Spain	4
Stockholm	4
London National	4
LVOV, Poland	4
Katorice, Poland	4
Budapest, Vienna, Langenberg	3

DX74W asks who is the youngest member of the DX Club? I don't know if I am, but I'm only 15 years old and have been brought up with wireless. It is nearly eight years now since I became interested in DXing, and I have verified cards dated as far back as 1925. I have written to nearly 20 Europeans for verification. Has any DXer heard VK3AM, Elwood, or VK2UR, Uralla, Italy?—DX840C (Dunedin).

An Unlicensed Transmitter.

RE inquiries for address of station 3TFO, which I received and reported last July. I wrote 3TFO, care Amalgamated Wireless, Melbourne, and my letter was forwarded on to the radio inspector. He wrote me saying there was no such station with that call in Victoria, but remarked that he had received four other reports similar to mine from New Zealand. He asked for further particulars, saying that he wished to locate this station, as it was either operating under a different call from the one allotted it or else it was unlicensed. This station is fairly powerful, as it was received here at R8 during the half-hour I listened to it. They put over one or two popular items and then spoke in a personal manner to someone. Latest logging is KPCB, Seattle, Washington, heard on a special night broadcast on October 15 at R6.—DX57P (Okato).

Concerning the DX Competition.

RE the question of daylight reception of the Australian stations. I think that 5AD and 5KA should count if logged any time; also 2KY because from recent verification from this station it is only on the air in daylight from 10 a.m. to 12 a.m. (11.30 a.m. to 1.30 p.m., New Zealand standard time). Therefore it must be nearly impossible to log it in daylight. 6WF, Perth, is hard to log in my locality even at 12 o'clock at night. Personally, I think all Australian stations should count whether logged in daylight or not.—DX23HB (Gisborne).

Notes from Verifications.

I HAVE recently received the following verifications: YK3RG, Castlemaine, Vic., 1220 k.c. (245 m.); power, 50 watts. This station is operated by Mr. R. L. G. Blake, 29 Doreton Street, Castlemaine. Mr. Blake is very keenly interested in how his transmissions were being received and stated that in making reports he cited comparisons made between his transmissions and those of other Victorian YK stations. 2CA, Canberra, 1050 k.c. (285 m.), sent me a verification of my report made three months ago. The engineer and manager of 2CA is Mr. A. J. Ryan. The latest American verifications include WENR, Chicago, 870 k.c. (345 m.); KDYL, Salt Lake City, 1290 k.c. (232.6 m.); KSTP, St. Paul, Minnesota, 1460 m. (205 m.). This station is owned by National Battery Broadcasting Co., St. Paul Hotel, St. Paul, KOA (830 k.c.), 361 metres, verified re-

ception from Denver, Colorado. The latest American "scalps" are KYW, Chicago, 1020 k.c. (294 m.), which was heard at R7 on October 14 at 6.0 p.m., N.Z. S.S.T., and also WBBM, Chicago, 770 k.c. (380 m.), at R8 on the same evening. On October 16 I tuned into KROW, Oakland, Calif., 980 k.c. (322 m.), at 6.30 p.m., N.Z.S.S.T., and at 7.0 p.m. KROW signed off in favour of KFWL, San Francisco, which immediately came on the air until 8 p.m. (N.Z.S.S.T.), when 2GB and 3UZ came on the air and made it impossible for me to hold him any longer. On October 22 3HA, Hamilton—the new Australian—was logged, testing on 1010 k.c. (297 m.), at strength R9. I think that many of the "barred" Australians could be allowed in the competitions, especially those west of Victoria. Although my set is very efficient in bringing in "Aussie" stations, I have found it extremely difficult to log them in daylight. I would not like to see the Australian stations disappear out of the competitions as one can have much pleasure in listening to them. I would like to suggest "let patience be rewarded by success" as the DX Club motto.—"Searcher" (Manala).

Amended Station Particulars.

ACCORDING to an American radio publication, CJOR, Sea Island, B.C., is now working on a power of 500 watts, while the power of KGB, San Diego, is now also 500 watts. The location of WAAB has been changed from Squantum to Boston, Mass., while KGKB has been changed from Brownwood to Tyler, Texas. Has any DXer ever had any trouble in getting a verification from KFJF, Oklahoma City, on 1480 k.c. (203 m.)? I sent them a report about five months ago, but so far have received no reply. DX17A (Auckland): I have never had any trouble in securing a verification from 2GB, Sydney; in fact, when I wrote I never enclosed stamps. However, I have written twice to 3BA, Ballarat (2d stamp enclosed both times), but no sign of a reply yet.—N. Jenkins (Masterton).

Indoor Antennae.

I HAVE been experimenting with indoor antennae and have now one above the ceiling of my house, it being about 20ft. above ground level and 40ft. in length. I have no difficulty in getting the main Australian A's and B's at speaker strength, and the main American and Continental short-wave stations. Every night for the past fortnight I have had W3XAL, W8XAL, W3XL, W9XF, F31CD, RV15, HSP2, VK2ME, VK3ME, all R8-R9, and in the mornings varying from R3-R8, GB5SW, 12RO, HVJ and several others.

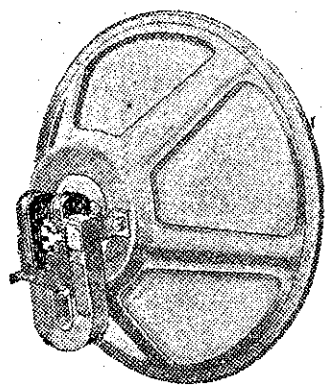
My outside aerial is 45ft. high at both ends and has a top of 70ft., with a lead-in in the centre, and is no more efficient for short-wave than the inside one. I use three different earths six feet apart, all leading separately to the set. On short-wave the set works much better with no earth, but is the exact opposite on broadcasting, it working much better with an earth.—V.C.

Station Particulars.

THE following are particulars of KFI and KECA taken from verification cards:—

KFI operates on 640 k.c. (468.5m.) with a power of 50 k.w., daily from 6.45 a.m. (P.S.T.) until midnight. Transmitter is located at Buena Park, 21 miles S.E. of Los Angeles, and the studios at 1000 South Hope Street, Los Angeles. The station has been in operation since April 1922. KECA operates on 1430 k.c. (210m.) with a power of 1 k.w. daily from 9 a.m. to 11 p.m. (P.S.T.). The studios are at the same address as those of KFI.

JOCK, Nagoya, Japan, operates on 810 k.c. (370m.) with a power of 10 k.w.—"Red Bird" (Wellington).



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QUESTIONS: ANSWERS

FRANK KEE

The Technical Editor will, through these columns, be pleased to help readers experiencing trouble with their sets. Queries are limited to three—for more than this a shilling fee is charged, and a similar fee is payable for queries answered by post. Supplying layouts, circuits and solutions of intricate theoretical problems is beyond the scope of this service.

A coupon must accompany all requests for information. Non-appearance of the coupon in any issue cannot be regarded as a reason for its not being used.

Address all queries, The Technical Editor, Box 1032, Wellington.

PM16 (Otago): Can I couple a s.w. oscillator direct to the screen-grid of the first detector in a super het.? It works best this way.

A.: It is quite satisfactory to make this connection, although it is somewhat unusual. Generally a super het. will work best when coupled with the grid and grid return of the intermediate stages.

2. Which is the best coupling? I have tried out a dozen different methods.

A.: Generally the inductive method.

3. Why have some oscillators condensers and leaks in the grid circuit?

A.: Almost any kind of oscillator circuit may be used for the super heterodyne. Some employ a tuned plate having a tuning condenser across the plate coil instead of across the grid coil. Most have tuning condensers across both coils. In all oscillator circuits it is necessary to use either the tuning condenser or separate fixed condensers as blocking condensers so that the direct high voltage for the plate circuit cannot reach the grid circuit which is connected to the filament of the value. Some super heterodyne receivers do away with the separate oscillator entirely making the first detector do the frequency changing.

4. Is not 30 k.c. too low a frequency for a shortwave super-het.?

A.: 30 k.c. is considered to be the lowest frequency at which super-hets. will work satisfactorily.

5. Could you publish an article on oscillator design?

A.: We find it advisable to give super-hets. a fairly wide berth as when they are made by amateur constructors the sets almost invariably fall foul of the Post and Telegraph Department. We have already been brought to book on this account.

6. Are there many modulated c.w. stations on the air?—Yes.

7. Would a super-het. pick up c.w.?—Yes.

HOOK-UP (Matamata): In which positions in a super het. are the variable-mu valves most suitable—the r.f. or the i.f. stages?—The r.f. stages.

2. The set I purpose building calls for a variable resistance to control the s.g. voltage on the detector. If I use a multi-mu valve would I be able to eliminate this control?

A.: It would be better to use a 224 as detector, and control the voltage as shown in your diagram.

3. Would a 500,000 ohms. tone control be suitable for controlling the variable bias of the multi-mu valves?—Yes.

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4. Is 14/36 twin flex suitable for wiring a.c. filament?—Yes.

5. Which end of an "L" type aerial should point to the station desired?

A.: The directional properties of the ordinary aerial are not strong. Generally it is considered that the lead-in should be at the set end and the free end pointing toward the station.

6. Can you give me the specifications for a power transformer developing 330 volts on each side of a centre tap at 130 mamps with heater voltages of 2.5 at 16 amps and 2.5 volts at 3.5 amps, and 5 volts at 2 amps?

A.: 100 watts transformer will just serve the purpose. You will need a primary of 1140 turns of 24 gauge enamelled wire, a secondary with 1930 turns on either side of the centre tap, using 32 gauge wire. You will require five separate 2.5 windings consisting of number 16 gauge d.c.c. wire, and, for the 5-volt winding, you will require 30 turns of number 18 gauge. You will find more particulars about this transformer in the 1931 "Radio Guide."

DX (Dunedin): Is there any method of adding a third audio stage to my present set without causing instability?

A.: Three transformer stages are impracticable. If you must use three stages we would recommend r.c.c. method of coupling, but then the three valves will do no more than the work of two valves used in transformer coupling. You could add another valve by turning the last stage into push-pull. It is impracticable to try

to work the three audio stages by employing more by-pass condensers, etc.

2. Does increasing the air gap in an a.f. choke increase efficiency?

A.: There is an optimum gap for every choke, and if you do not happen to have it right, increasing or decreasing it, as the case may be, may enable you to stumble across the optimum dimension. We were interested to hear about your

aerial and your letter has been passed on to the DX editor.

POWER PACK (Oamaru): Where could I obtain a circuit and specifications of a good powerful a.c. set using pentode valves?

A.: You do not state if you want t.r.f. or superhet. In the near future we shall

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"C.Q." U.S.A. Ham monthly, 1/3.

"Elementary Principles of Wireless Telegraphy and Telephony," by Bangay. Revised edition by O. F. Brown, M.A. B.Sc., 13/2.

"Morse Made Easy," 7d.

"Perry Auto-Time Morse System," 10d.

"Radio Engineering Principles," by Lauer and Brown, 19/6.

"Practical Radio Telegraphy," by Nilson and Hornung, 18/6.

"Radio Receiving Tubes," by Meyer and Wostrel, 14/6.

"How to Understand Wireless Diagrams," 1/7.

"Television," 1/7.

"All About All Electric," 1/8.

"How to Electrify Your Radio Set" (U.S.A.), 1/9.

"Principles of Radio," by Henney, 22/6.

"Radio Log" (N.Z. Oct.), 7d. per copy.

"A.R.R.L. Log of Amateur Stations, 2/-.

"Broadcast Reception" (Theory and Practical), by Pritchard, 11/8.

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"Radio News," 2/2. D.C. to A.C., etc.

"Break-in" (N.Z.) (Oct.), 4d.

"Cosaro" Radio Indicator and Key, 6/5.

stations, 2/1.

"Practical Radio Construction and Repairing," by Meyer and Wostrel, 15/6.

Blue Prints—"Batteryless Neutrodyne,"

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Browning-Drake," "7-valve Super Het,"

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"Scott's Radio Handbook," 6th edition,

1/8.

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"Cameron's Sound Motion Pictures En-

cyclopedia," 18/6.

"Radio Amateur Handbook" (Handy's),

8th edition, 5/8.

"Theory of Radio Communication," by

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"Principles of Radio Communication," by

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be bringing out a very powerful a.c. super det., and you should find this of interest.

2. I am building the power pack described in the "Guide." Will this run an a.c. set?

A.: It will run the average set with six or seven valves.

S.B. (Taramaki): Questions such as yours have been answered many times in the "Radio Record." A fairly complete table was published in our issue dated April 2.

DX14 (Pahiatua): Is it permissible for a licensed electrical wireman to service an all-electric set without first passing the radiotricians' examination which has been recently inaugurated?—Yes.

OWL (Greymouth): Could I utilise a .00025 variable condenser in a crystal set? If so, what will be the coil specifications?

A.: On a 3in. former you will require about 62 turns of 26 d.s.c. wire, and bring your aerial in at about the 20th turn.

ARRESTER (Newtown): Both of your sketches are correct, though theoretically "B" would be the better. There is really no difference, however, in the results obtained, and in the measure of safety involved.

W.J.W. (Auckland): Your set is very unselective, and we think there is probably something wrong with it. We do not know anything about the set itself, and we would advise you to get in touch with the agent who sold it to you and ask him if that is usual with that type of set. To improve the selectivity it would be necessary to use extra tuned circuit, comprising a coil and condenser, something like a wavetrap, and you would have to operate the dial of this in conjunction with the dial of your own set.

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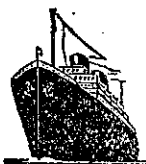
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FOXY (Hokitika): In replacing the valves in your a.c. set use the same type as you take out. Be sure, however, that you use a well-known make.

2. I have a small crystal set and cannot pick up the two Greymouth "B" stations, which are about 25 miles away.

A.: 25 miles is the limit of a crystal for a station such as 2YA. You are beyond the service area of two small stations such as those to which you refer.

3. Occasionally I see in the "R.R." where someone has logged a fairly large number of stations on a crystal set. Is this true? Do they have to use valves?

A.: We hope it is true. Reception of many stations on a crystal set is really dependent upon many things, not the least of which is the location of the set itself and the particular crystal used. It is impossible to forecast anything but the reception of the local station when connected between the plate and "B+."

Forecasts for Sheepfarmers

SPECIAL weather forecasts, prepared by the Meteorological Office for the benefit of sheep farmers who are busy with shearing, are broadcast daily from 2YA at 3.30 p.m.

structing crystal sets, as they are designed for that only. Sometimes a crystal and valve can be employed to receive distant stations.

PORTABLE (Gisborne): What resistance would I need to drop the voltage from 8 to 2 if .3 amps were passing?—3 ohms.

Thank you for telling us of your results from following our advice. We were very interested indeed to know that you got better results through shifting your aerial.

C.W.W. (Auckland): I have built the "Outspan Five" and am more than pleased with its performance. I wish to use a power detector, but as soon as I increase the plate voltage it starts to motor-boast.

A.: If you cannot overcome the motor-boasting by any other means, use an anti-motor-boasting device such as has been illustrated in our columns from time to time. This question of motor-boasting has been dealt with very fully in "Questions and Answers in Radio," a booklet which will be available next week.

2. I wish to insert a jack to use a pick-up and a s.w. adapter, and would like to know where to put them for best results.

A.: Connect the pick-up between the grid and the grid-return of your detector valve. A shortwave adapter is better

connected between the plate and "B+."

WATTS (Nelson): In calculating the voltage of a transformer secondary, with 300 volts on either side of a centre tap, is the wattage 30 or 60 when 100 mls. are drawn?

A.: You always consider the voltage that is actually being delivered. After having passed the rectifier, plus any drop in the rectifier itself. Although actually there is a potential of 600 volts, yet you are supplying only 300, or if you like to consider that you are supplying the full 600, then only half the load is being supplied. In your case you are using 30 watts only.

2. Can you tell me the approximate drain of the average dynamic speaker with a resistance of 2500 ohms? Is it too large a drain for the average power-pack?

A.: It is usually in the vicinity of 50 m. amps, and is too large for the average power pack unless specially designed to accommodate it. It can, however, be used as a choke. There will be a fairly big drop to it.

3. Is 125 amps the highest value of the UX 280 rectifier, and would it stand a steady drain?

A.: It is surprising just what that valve will pass. We think it will be quite safe to use it as you suggest.

DX22NW (Tasman): Some time ago you told me it would be all right to use 18 gauge wire for the housewiring, but that it would be safer to use an output filter. I do not quite understand the meaning of "safer."

A.: If you do not use an output filter you are passing high voltage current through your house, and it is possible that either the wires may short-circuit due to corrosion and cause a spark, or someone may touch them and get a shock. Were they to short, of course, you would not damage anything, but you would have some difficulty, probably, in locating your circuit. Battery current should always be taken by the shortest route possible, and it is not wise to take it all round your house before it gets to the plate of the valve. We do not happen to know who is the agent for your battery. Apply to Johns, Ltd., Auckland; they may know something about it.

CAPACITY (Invercargill): Your question is beyond the scope of Q. and A., and there is not sufficient interest in the subject to warrant preparation of a special article.

DX180C (Invercargill): Can I earth the moving plates of the reaction condenser in the Differential Four circuit?

A.: Yes, you may use the hook-up shown for the Radiogram Five without any loss in efficiency.

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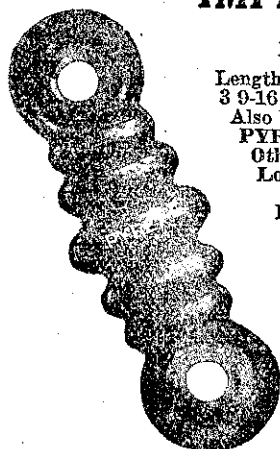
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2. In this week's issue you describe how to add a stage of s.g.r.f. to an H.R. receiver. Is this also applicable to a Browning Drake?—Yes.

3. I have an S625 valve which has three pins at one end and two at the other. At the two-pin end is the s.g. and plate. One of these pins is marked "A" while the other is not marked at all. I presume the pin marked "A" is the anode. Is this correct?—Yes.

UNO (Nelson): There is a crackling noise in the audio stages of my set. I think one of the transformers has gone, but which one?

A.: To test your transformers take a piece of wire and short-circuit first the primary, then the secondary of the first transformer. If the noise disappears when you bridge the primary you know the transformer is causing the trouble. If the trouble persists bridge the primary of the second transformer, and in this manner you will find out which transformer is at fault. You can replace by using a high quality 3-1 transformer. Do not worry about the third cord on your speaker. It is for use with push-pull valves.

COUNTRY (Frankton Junction): Can my five-valve receiver be modernised in any way?

A.: It could, but modernising an old commercially-made set is not a practicable proposition.

2. For shortwave work what would be the most efficient single valve set or adapter to be worked in conjunction with my present set?

A.: One of the type of adapters which plug into the detector socket. The Add-a-phone commercial receiver is the only one we have tested.

UX (Te Kuiti): What are the characteristics of a Mazda A.C.H.L. and A.C.P.I. valves?

A.: A.C.H.L., impedance 13,500 ohms, amplification factor 35, filament current 1 amp, mutual conductance 3, anode current at 120 volts 4.5, grid-bias at 100 (Concluded on page 29.)

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IT may be taken for granted that d.x. enthusiasts will welcome any scheme that will strengthen the weak signals they are hunting. The idea of tuning the aerial itself to the frequency of the incoming wave is not new, but is more or less lost sight of because it is assumed that all the necessary tuning is provided for in the first stage of the receiver.

It is true that with the efficient multi-valve sets of to-day small losses or gains may be tolerated or neglected, but the owner of a small or medium-sized receiver and the d.x. who is stretching out after the faintest signals will be interested in the small and inexpensive unit here described.

Its use does not entail any alteration to the receiver, although the idea could be built into any set providing sufficient space was available. Not only will the device make faint signals more readable, but, acting as an additional tuned circuit, there is a considerable gain in selectivity.

Constructional Details.

IN its most convenient form the tuner consists of a .0005 variable condenser and solenoid, both in series and in series with the aerial. When placed in this way the solenoid has a much lower inductance than when tuned in parallel in the usual manner, and on that account about double the usual number of turns are required. In order to keep down the r.f. resistance, 22 d.c.c. wire was used, 100 turns on a 3in. former, occupying about 4 inches. Taps may be taken at 20 and 40 turns from the top, but are not essential; they can be used for low wave-lengths.

The aerial is connected to the top of the coil, and the bottom of the coil to the condenser stator. The rotor, which

is not earthed, connects to the aerial natural wave-length of 75 metres, and an 80-foot 120 metres.

A baseboard about 6½ by 4½ will take the solenoid standing upright behind the condenser, and for the panel ebonite or three-ply about 6 by 4½ should be used.

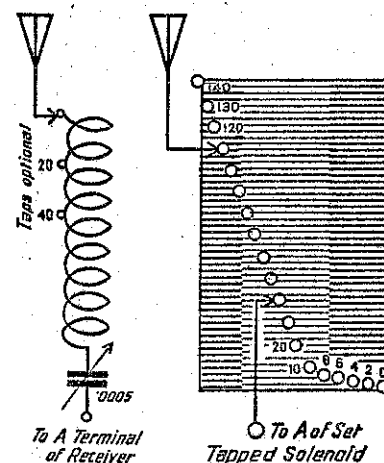
Method of Use.

WHEN searching for a distant station pick up the carrier in the usual way, then bring the tuner into maximum position as nearly as can be judged, then tune receiver, finally adjusting the tuner if necessary. Then, by way of experiment, remove the tuner and see how the volume of signals is altered when the receiver is unaided.

Every aerial has its own natural or fundamental wave-length, at which the tuner would be of no assistance in reception, and on wave-length near to the natural little difference would be noted, but in actual broadcast reception the natural wave-length of the aerial is always much below any wave-lengths to be received.

The ordinary inverted "L" type aerial has a wave-length in metres approximately equal to 1½ times its length in feet, so that a 50-foot aerial has a

Nothing in this article is intended to refer to the "Beverage" aerial, of which



Alternative Methods.

INSTEAD of the coil and condenser shown above, a variometer may be used, if one is on hand, though it would be more trouble to make than the solenoid. The one used for experiment had 40 turns on the stator and 36 turns on the rotor, 20 enamelled wire, outside (square) dimensions of stator 3¼ by 2 inches. A variometer gives less range than the previous method.

Another alternative, cheaper and just as effective, though slightly less convenient method, is a coil of 140 turns of 26 enamelled wire on a 2in. former, with a tap at every 10 turns. At one end a section of ten turns may be tapped every two turns to provide for fine tuning, so that any even number of turns may be used. Taps are taken in the usual way by cleaning the wire and twisting into a small loop. Two clips may be used to make contact with the taps, or they may be connected to sockets on a strip of ebonite, with two plugs to engage the sockets. One plug or clip is attached to the aerial, and the other to aerial terminal of the receiver.

All particulars given are to suit the average aerial of 70 to 80 feet. For longer dimensions a few extra turns may be required if coverage above 600 kilocycles (500 metres) is required. In practice, tuning is less critical on the higher wave-lengths, so there is little loss if the range of the tuner is a little short.

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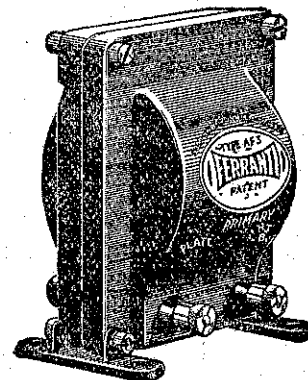
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FEATURE PEEPS

... at ...

FUTURE PROGRAMMES

SUNDAY

From 1YA

THE service to be conducted in St. Matthew's Church will be relayed, the preacher being the Rev. C. H. Grant Cowan, and the organist and choirmaster Mr. J. H. Philpott. During the evening there will be a relay from the Auckland Town Hall of the concert by the Municipal Band, under the direction of Mr. George Buckley.

2YA Items

THE evening service to be conducted in the Vivian Street Church of Christ will be relayed. The preacher will be Pastor W. G. Carpenter and the organist Miss Hazel Hunter. The after-church concert will be provided by the Port Nicholson Silver Band, the Symons-Ellwood-Short Trio, Christina Ormiston (soprano) and D. L. Irwin (tenor).

Christchurch Topics

THE first of the jubilee celebrations in connection with the Christchurch Anglican Cathedral will take place at 8 p.m., when a young people's service will be held. It will be broadcast by 3YA. The preacher will be his Grace Archbishop Julius. The evening service in the Cathedral, when his Grace Archbishop Averill will preach, will also be broadcast. The relay of a concert to be given by the Oamaru Municipal Band at Oamaru will follow.

Dunedin Topics

THE service in the St. Andrew Street Church of Christ (Pastor W. D. More) will be broadcast, the Oamaru concert being broadcast at the conclusion of the church service.



MONICA MALFROY,

Who will present several soprano solos from 3YA on Monday, November 2.

—S. P. Andrew, photo.

MONDAY

Wellington Notes

THE "Musical Portrait" from 2YA will be undertaken by Ernest

Jenner, who, with the assistance of Hilda Chudley (contralto), will present Russian music. Mr. Jenner will play "Theme and Variations" by Glazounov, a most delightful work, and Miss Chudley will sing three beautiful songs by Rachmaninoff. Mrs. B. B. Wood (mezzo-contralto) and Monica Malfroy (soprano) will sing two duets, and will also be heard in solo numbers. Ernest Glading (baritone) will sing a group of songs, and the numbers by the Orchestra will include a Hungarian dance by Dvorak and 'Les Deux Pierrots' by Drigo.

Selections from 3YA

KATHLEEN BOND (contralto), Elsie D. Rutter (soprano), Leslie Stewart (baritone), and James Laurensen (humorous reciter), will be associated with Derry's Military Band (conductor, J. Scott) and the Christchurch Broadcasting Trio in providing a concert programme.

4YA Jottings

DR. E. N. MERRINGTON, principal of Knox College, Dunedin, will be the lecturer on 4YA's international programme, his subject being "Public Opinion on International Affairs."

TUESDAY

Features from Auckland

AT 7.30 p.m., under the auspices of the W.E.A., the Rev. W. Constable will continue his series of talks on George Bernard Shaw. The speaker on the international programme will be Professor H. Belshaw, Professor of Economics at the Auckland University College, who has taken for his subject "International Economic Co-operation as a Factor in World Prosperity."

Items from 2YA

THE concert will be of the popular type. Terence O'Brien (tenor) will be heard in four Irish songs, including "Killarney" and "Mother Machree." Muriel Johns will broadcast in songs at the piano. Perce and Les (novelty piano duo), newcomers to 2YA, will contribute snappy numbers.

A feature of the programme will be a one-act play entitled "The Signal," written by Helen Gordon. This play to be produced by Mr. Victor S. Lloyd, should prove of great interest to listeners as it was awarded the first prize in the recent "Radio Record" competition. The Salon Orchestra will supply the incidental music.

Featurettes

Russian Music

2YA, Monday

"The Signal"

2YA, Tuesday

"The Doge of Venice"

1YA, Wednesday

"Faust"

3YA, Wednesday

"King Olaf's Christmas"

4YA, Wednesday

Ley's Institute Orchestra

1YA, Thursday

"Rangitiki" Band

1YA, Friday

Dunedin Orphans' Club

3 and 4YA, Saturday

Jottings from 3YA

3YA will carry out a broadcast of community dancing on the green.

Dunedin Programme

In the W.E.A. session students will discuss "Is unemployment inevitable?"

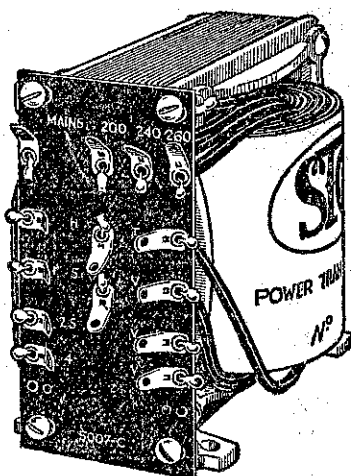
What should prove a thoroughly popular programme will be presented by the Kaikorai Band, supported by the Major's Quartet. The band's programme includes stirring marches such as "Torchlight" and "My Regiment," lilting waltzes, and tuneful selections, including "Bohemian Girl" and "H.M.S. Pinafore." The Majors will broadcast quartets from "The Arcadians," Monckton's well-known musical comedy. Dr. D. E. Dall, one of the city's most talented elocutionists, will give several humorous selections—"David Copperfield and the Waiter," "The Art of Angling," and "A Scot's Wooing," the first being a Dickens' selection and the other two being Jerome K. Jerome compositions.



JAMES LAURENSEN,

Who will provide the humour in 3YA's variety concert on November 2.

—Steffano Webb, photo.



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WEDNESDAY

From Auckland

"SPARWOOD," of the "N.Z. Referee," will commence at 1YA a new series of talks on "Dogs."

J. M. Clark and his company will produce a three-act radio play written by Dr. George de Clive Lowe, entitled "The Doge of Venice."

Wellington Selections

AT 7.40 p.m. Mr. Girling Butcher, Inspector of Fire Brigades, will speak on "Fire Prevention and Business." Dr. Guy H. Scholefield, O.B.E., will deliver the evening's international talk.

Jottings from Christchurch

THE concert version of Gounod's "Faust," to be presented in the Civic Theatre by the Royal Christchurch Musical Society, under Mr. W. H. Dixon, will be relayed. There will be a grand chorus of 200 voices supported by a full orchestra, and a strong cast of soloists, comprising Addie Campbell (Christchurch), M. O'Connor (Christchurch), Wilfred Kershaw (Dunedin), Hubert Carter (Christchurch), and Clive Hindle (Christchurch).

4YA Selections

THE Dunedin Returned Soldiers' Choir, under the able conductorship of John T. Leech, will present the vocal portion of the programme, appearing first in "The Song of the Bow" and "O, Peaceful Night."

The star item will be a cantata, "King Olaf's Christmas," a Dudley Buck composition.

Dudley Buck, the noted organist, composer and teacher, was born at Hartford, Connecticut, in 1909. He was one of the first of American composers to achieve world-wide recognition, his church music and cantatas, sacred and secular, being deservedly popular. Probably his best claim to fame is as the composer of "Prometheus Unbound," the male chorus from which "Chorus of Spirits and Hours" is performed by male voice choirs the world over. The rendition of "King Olaf's Christmas" by the Dunedin Returned Soldiers' Choir on this occasion should be very interesting.

Concessions to "the lighter side" are made by the choir in the part-songs, "Peter the Cat" and "Alexandra." The remaining items on the choir's programme are all of a lively nature—"Down Among the Dead Men," "Farewell" (from "Songs of the Fleet"), besides the lovely anthem "Nazareth." Nell Wilson, a talented young soprano, will be heard in "Love is Meant to Make Us Glad" and "Comin' Thro' the Rye." Supplying the instrumental portion of the entertainment will be Pettitt's Quartet. Sibelius's "Berceuse" will be played by the cellist of the quartet, T. Law.

THURSDAY

Breakfast Dishes

THE afternoon home science talk from 1YA, 2YA, and 3YA will be "Some Breakfast Dishes."

1YA Notes

AT 12.15 p.m., 1YA will be on the air to broadcast the mid-week interdenominational services, conducted in St. Matthew's Church. At 7.40 p.m. a talk under the auspices of the N.Z. Manufacturers' Association on "New Zealand-made goods for Christmas presents" will be given.

From the Lewis Eady Hall a concert by the Leys Institute Orchestra, under the direction of Mr. Harold Baxter, will be relayed. This orchestra is one of the many activities of the Leys Institute, and as usual, a very fine programme has been prepared.

Features from 2YA

AT 7.40 Mr. Johannes Andersen will continue his series of lectures on "Maori Folk Lore."

A concert by the Commercial Travelers and Warehousemen's Association orchestra and Concert Party will be broadcast. An excellent instrumental programme has been chosen, including selections, descriptive piece, fantasias, and marches.



KATHLEEN BOND,

A well-known 3YA contralto. She will present several songs accompanied by the Christchurch Trio, on November 2.
—Steffano Webb, photo.

Gleanings from 3YA

The talks during the news session will be by Mr. R. W. Marshall ("Tourist Resorts"), Mr. E. E. Wiltshire ("Books of the Month"), and a review of the October issue of the Journal of Agriculture.

The lecturer during the international programme will be Mr. W. Machin, speaking on "International Exchange."

FRIDAY

1YA Topics

OF particular interest on this evening's programme will be the appearance of the band of the R.M.V. "Rangitiki," a combination which has delighted listeners previously, and which has recently performed most acceptably at 3YA and 2YA.

This is one of the few occasions it is possible to engage them for 1YA. Other instrumental items will be given

by the Moore Sisters' Trio, who are making a welcome appearance at this station, Eric Bell (novelty pianist), and Eric Waters and Ray Jury (in novelty xylophone and piano items). The Asquiths will give twenty minutes of novelty entertainment.

Jottings from Wellington

CONTRIBUTING to a studio concert, the Orchestrina will play the overture "Midnight Dream," the selections "La Fille de Madame Angot" and "The Bohemian Girl." The vocal portion will be given by the popular Melodie Four, who will be heard in quartets and solos. Seaton and Soal (guitar duo), newcomers to 2YA, will play favourite airs. There will be a session of dance music from 9.30 till 11 p.m.

Items from Christchurch

AN artist of outstanding ability, W. Kershaw, the Dunedin bass singer, who was engaged by the Royal Christchurch Musical Society for the performance of "Faust," will sing this evening. Betty Hilliard, who has been very successful at recent competitions, will sing "My Ships," "Angus McDonald," and "Barney O'Hea." An orchestral programme will be provided by the Studio Octet under Harold Beck. From 9.30 to 10 p.m. there will be a gramophone lecture-recital, "In Lighter Vein," by Mr. Karl Atkinson.

Dunedin Notes

THE programme to-night will be bright and varied. W. J. Sinton, the xylophonist, and Ted Heaney are well known radio entertainers and need no introduction to listeners, while Noel H. North (baritone) is also a proved favourite, and will be heard to advantage in such light and popular selections as "Have a Little Faith in Me" and "A Pair of Blue Eyes," together with "Hilltops." Tui Salt (soprano) and Molly Fenton (mezzo-contralto) are both comparatively new artists to the wireless, who have delightfully fresh voices, of pure quality, and with the great essential, good enunciation. W. Carey's contribution to the programme, musical saw items, will prove popular. Something entirely new to 4YA listeners will figure on the programme in the shape of ventriloquial humour. The performer, Mr. H. Eggers, is sufficiently gifted in this particular branch of entertainment to be able to "get it over" to listeners, and they should enjoy many a hearty laugh.



ERIC BELL,

Whose novelty piano solos are always popular with 1YA listeners. He will next appear on November 6.
—S. P. Andrew, photo.

SATURDAY

1YA Jottings

THE concert by the Auckland Municipal Band will be relayed from the Town Hall.

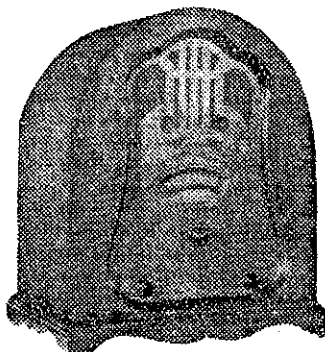
2YA Features

A SCOTTISH concert, under the direction of Mr. George Stark, will be broadcast. Mr. Stark will open with an outline of the celebrations of Halloween as depicted in Burns's poem "Hallow'een," and will also be heard in the traditional song "Green Grow the Rashies O." Pipe-Major Fraser will play bagpipe selections, and Owen Pritchard will be heard in humorous songs. The Etude Quartet will delight listeners with favourite Scottish songs—solos, duets and quartets.

From 3YA and 4YA

From 3YA and 4YA the Dunedin Orphans' Club, an inimitable band of entertainers and humorists, will transport all listeners to an old English inn.

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Full Programmes for Next

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Sunday, November 1

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, NOVEMBER 1.

- 8.0 : Chimes. Selected recordings and relay of portion of organ recital from the Auckland Town Hall. Organist, Mr. Maughan Barnett.
- 6.0 : Children's song service, conducted by Uncle Leo.
- 7.0 : Relay of evensong from St. Matthew's Church. Preacher, The Rev. C. H. Grant Cowen. Organist and Choirmaster, Mr. J. H. Philpott.
- 8.30 : Chimes. Relay of Municipal Band Concert from the Auckland Town Hall. Conductor, Mr. George Buckley.
- March—The Band, "Victoria" (Von Blon); overture, "Tancredi." Cornet—Mr. Fred. Bowes, "De Bleriot's 6th Air Varie" (Hartmann).
- Selection—The Band, "Songs Without Words" (Mendelssohn).
- Suite—The Band, "Ballet Egyptian" (Luigini); serenade, "De Amour." Flute solo—Mr. Hal. C. McLennan, "Sparkling Dew Drops."
- Selection—The Band, "Faust" (Berlioz); patrol, "The Wee McGregor" (Amers); selection, "Classical Memories" (Ewing); hymn, "O, God, Our Help in Ages Past" (Croft); march, "St. Julien" (Graham).
- 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, NOVEMBER 1.

- 3.0 : Selected gramophone recordings.
- 6.0 : Children's song service, conducted by Uncle George, assisted by the children's choir from St. Jude's Anglican Church.
- 7.0 : Relay of evening service from the Vivian Street Church of Christ. Preacher, Pastor W. G. Carpenter. Organist, Miss Hazel Hunter.
- 8.20 (approx.): Concert by Port Nicholson Silver Band and 2YA Artists.
- Hymn—The Band, "Newchester" (Scotney); meditation, "On a Sunday Morn" (Horne).
- Soprano—Miss Christina Ormiston, Song Cycle "Bird Songs" (Lehmann): (a) "The Wood-Pigeon"; (b) "The Yellow-Hammer"; (c) "The Owl"; (d) "The Starling."
- Trio—Symons-Ellwood-Short Trio, (a) "Andante"; (b) "Presto."
- Mixed choir—Berlin Union of Teachers, (a) "The Heavens are Telling" (Beethoven); (b) "The Loreley" (Silcher) (Parlo. A5009).
- Weather report and station notices.
- Selection—The Band, "Lucia di Lammermoor" (Donizetti).
- Tenor—Mr. D. L. Irwin, (a) "The Fairy Tree" (O'Brien); (b) "Song of the Palquin Bearers" (Shaw); (c) "Isle of My Heart."
- March—The Band, "The Vanished Army" (Alford).
- Horn solo—Bandsman H. Parsonage, "My Love's Grey Eyes" (McGeogh).
- Cornet solo—Bandmaster T. Goodall, "Two Eyes of Grey" (McGeogh).
- Mixed chorus—Glasgow Orpheus Choir, (a) "Cradle Song" (Gibbs); (b) "The Campbells are Coming" (arr. Mansfield) (I.L.M.V. B3109).
- Overture—The Band, "Le Diademe" (Hermes).
- God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, NOVEMBER 1.

- 3.0 : Relay of Christchurch Cathedral Jubilee Celebration—Young People's Service. Preacher, His Grace Archbishop Julius. Organist and Musical Director, Dr. J. C. Bradshaw.
- 5.30 : Children's song service by children of Anglican Sunday schools.
- 6.15 : Chimes.
- 6.30 : Selected recordings.
- 7.0 : Relay of Jubilee Celebration Evensong from Christchurch Cathedral. Preacher, His Grace Archbishop Averill. Organist and Musical Director, Dr. J. C. Bradshaw.
- 8.15 (approx.): Relay from Oamaru of Programme by Oamaru Municipal Band.
- 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, NOVEMBER 1.

- 3.0 : Selected recordings.
- 5.30 : Children's song service, conducted by Big Brother Bill.
- 6.15 : Instrumental recordings.
- 6.30 : Relay of evening service from Church of Christ, St. Andrew Street. Preacher: Pastor W. D. More. Choirmaster: Mr. W. H. Mackenzie.
- 7.45 : Selected recordings.
- 8.15 : Relay from Oamaru of Concert by Oamaru Municipal Band and assisting artists. Conductor: Mr. Pheloung. Accompaniste: Miss Vera Slater, A.T.C.L.
- Hymn—The Band, "Fierce Raged the Tempest" (Dykes).
- Descriptive item—Band, "Sunday Parade" (Hawkins).
- Musical Monologue—Mr. J. McLean, "Troubles."
- Violin solo—Mr. W. J. Hill, "Valse Triste" (Sibelius).
- Vocal—Miss Mary Pratt, "Sun Above Me" (Pargolesi).

Selection—Savage Club Orchestra.

Vocal—Mr. A. Shrimpton, "Invictus" (Bruno Huhn).

Piano solo—Miss Vera Slater, (a) "In a Woodland Glen" (Barratt); (b) "Hungarian Dance" (Brahms).

Vocal—Miss Mary Pratt, "Ring, Bells, Ring" (Maud Craske Day).

Selection—The Band, "Nabucco" (Verdi).

Vocal—Mr. A. Shrimpton, with violin obbligato by Mr. W. J. Hill, "Fiddle and I."

March—The Band, "Gladiator's Farewell."

10.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, NOVEMBER 1.

6.0 to 6.45: Children's Sunday service.

8.15 to 10.0 p.m.: Concert programme.

Monday, November 2

1YA, AUCKLAND (875 KILOCYCLES)—MONDAY, NOVEMBER 2.

SILENT DAY.

2YA, WELLINGTON (720 KILOCYCLES)—MONDAY, NOVEMBER 2.

- 10.0 : Chimes. Selected gramophone recordings.
- 11.12 : Lecturette—"Cooking."
- 11.37 : Lecturette—"Health Hints or First Aid."
- 12.0 : Lunch-hour music.
- 2.0 : Selected recordings.
- 3.30 and 4.30 : Sporting results.
- 5.0 : Children's hour, conducted by Uncle Jeff.
- 6.0 : Dinner music session (Parlophone)—
- Berlin State Opera Orchestra, "Academic Festival" Overture (Brahms) (A4210); "From Foreign Parts: Italy, Germany" (Moszkowski).
- Frank Westfield's Orchestra, "Lilac-Time" Selection (Schubert-Berte).
- Berlin State Opera Orchestra, "Schwanda the Bagpipe-Player" (A4285).
- Dajos Bela Orchestra, "Schatz" Waltz (Strauss) (A4110); "Mosaic" Potpourri (Zimmer) (A4278).
- Grand Symphony Orchestra, "The Land of Smiles" Selection (Lehar).
- Berlin State Opera Orchestra, "From Foreign Parts: Spain, Hungary."
- Dajos Bela Orchestra, "Moonlight on the Aister" (Fetras) (A4110).
- 7.0 : News, market reports and sports results.
- 7.40 : Lecturette under auspices of New Zealand Institute of Opticians—"One Eye, or two?"
- 8.0 : Chimes. Overture—London Symphony Orchestra, "May Night" (Rimsky-Korsakov) (H.M.V. D1744).
- 8.8 : Soprano—Miss Monica Malfroy, (a) "Romance de Pauline" (from "La Dame de Pique") (Tchaikowsky); (b) "The Snowdrop."
- 8.14 : "Musical Portrait"—Russian Music. Piano, Mr. Ernest Jenner: contralto, Miss Hilda Chudley. Song, "The Soldier's Wife" (Rachmaninoff); piano, "Theme and Variations," Op. 72 (Glazounov); songs, (a) "Lilacs," (b) "To the Children" (Rachmaninoff).
- 8.44 : Instrumental—2YA Orchestra (Conductor, Signor A. P. Truda), "Esperance" (Tchaikowsky); "Berceuse" (Karganoff).
- 8.52 : 'Cello—Beatrice Harrison, (a) "The Broken Melody" (Van Biene); (b) "Harlequinade" (Popper) (I.L.M.V. C1626).
- 9.0 : Weather report and station notices.
- 9.2 : Mezzo-contralto—Mrs. B. B. Wood, (a) "Softly Awakes My Heart" (Saint-Saens); (b) "Wiegenlied" (Brahms); (c) "Ave Maria" (Schubert).
- 9.12 : Instrumental—2YA Orchestra, "Symphony Pathetique" (Tchaikowsky); "Minuet" (Paderewski).
- 9.20 : Baritone—Mr. Ernest Glading, with orchestral accompaniment, (a) "Eri Tu" (Verdi); (b) "The Two Grenadiers" (Schumann); (c) "To the Forest" (Tchaikowsky).
- 9.30 : Duets—Mrs. B. B. Wood and Miss Monica Malfroy, (a) "Calm, Silent Night" (Goetz); (b) "The Wild Brown Bee" (Bantock).
- 9.36 : Dances—London Symphony Orchestra, "Khowantchina" (Soussorgsky, arr. Rimsky-Korsakov) (H.M.V. D1855).
- 9.44 : Soprano—Miss Monica Malfroy, (a) "The Trout" (Schubert); (b) "Marriage de Roses" (Franck).
- 9.50 : Instrumental—2YA Orchestra, "Hungarian Dance No. 7" (Dvorak); "Les Deux Pierrots" (Drigo).
- 10.0 : Dance music programme (Polydor)—
- Foxtrots—Marimba Original Excelsior de Guatemala, "Hula Tropical" (21902); Ilya Livschakoff's Dance Orchestra, "I Am So Happy" (May) (23537); Paul Godwin's Dance Orchestra, "Just Such a Girl" (Abraham) (23361).
- 10.9 : Waltz—Paul Godwin's Dance Orchestra, "Pardon, Madame" (23398).

Week-all Stations-to Nov. 8

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- 10.12: Foxtrots—Marimba Original Excelsior de Guatemala, "Llorando" (21902); Paul Godwin's Orchestra, "Victoria and Her Hussar" (Abraham) (23399); "The Broken Record" (23176).
 10.21: Vocal—Don and Ken, "Sunny Days" (Jason) (Parlo. A3106).
 10.24: Tangos—Ilja Livschakoff's Dance Orchestra, "O, Miss Daisy" (Llossas) (23698); Paul Godwin's Dance Orchestra, "Poor Little Mannequin" (Rosen) (23398); Ilja Livschakoff's Dance Orchestra, "Queen of Dreams" (Schmidt) (23698).
 10.33: Walzes—Paul Godwin's Dance Orchestra, "Under the Roofs of Paris" (Moretti) (23644); "Good Night!" (Abraham) (23398).
 10.39: Vocal—Don and Ken, "Roamin' Thru' the Roses" (O'Flynn) (Parlo.).
 10.42: Foxtrots—Ben Berlin and His Orchestra, "Fairy on the Clock" (Myers) (23055); Paul Godwin's Dance Orchestra, "Mickey Mouse" (Carlton) (23176); Ben Berlin and His Orchestra, "Clown Dolly" (Rust) (23055).
 10.51: Tangos—Ilja Livschakoff's Dance Orchestra, "Don't You Want a Friend, Little Madam?" (Meisel) (23334); Paul Godwin's Dance Orchestra, "Thus Spoke the Knowing Marabu" (Egen) (23397); "A Sweetheart as Sweet as You Are" (Meisel) (23334).
 11.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—MONDAY, NOVEMBER 2.

- 3.0 : Gramophone recital.
 4.30: Sports results.
 5.0 : Children's hour, conducted by Cousin Margot.

- 6.0 : Dinner music session (H.M.V.)—Philadelphia Symphony Orchestra, "Damnation of Faust—Marche Hongroise" (Berlioz) (ED7).
 New Light Symphony Orchestra, "The Waltzing Doll" (Poldini).
 International Novelty Quartet, "Teddy Bears' Picnic" (Bratton).
 New Mayfair Orchestra, "Wake Up and Dream" Selections (Porter).
 Organ—Edward O'Henry, "Just As We Used To Do" (Rulli) (B3428).
 Salon Orchestra, "Chanson Boheme" (Baldi) (B2581).
 Marimba Band, "Morales Lopez" (Bolanos) (Zono. EE207).
 De Groot's Piccadilly Orchestra, "Friend O' Mine" (Sanderson).
 International Novelty Quartet, "The Skaters" (Waldteufel).
 National Military Band, "Lohengrin" Prelude (Wagner) (Zono. A353).
 Berlin State Opera Orchestra, "Der Rosenkavalier" Waltz (Strauss).
 New Light Symphony Orchestra, "At Dawning" (Cadman) (B2629).
 Philadelphia Symphony Orchestra, "Samson and Delilah" Bacchanale.
 Salon Orchestra, "Aloha Sunset Land" (Kawelo) (B2581).
 Marimba Band, "Aguas Dormides" (Bolanos) (Zono. EE207).
 Organ—Edward O'Henry, "Dream Lover" (Schertzinger) (B3428).
 De Groot's Piccadilly Orchestra, "None But The Weary Heart."

- 7.0 : News and market reports.
 7.30: Workers' Educational Association session—Dr. D. B. McLeod, "Some Problems in Modern Astronomy."
 8.0 : Chimes. Band programme by Derry's Military Band (Mr. J. Scott) and assisting artists.
 March—Band, "A Distant Greeting" (Doring); Intermezzo, "After Sunset" (Pryor).
 8.11: Contralto—Miss Kathleen Bond with Christchurch Trio accompaniment, (a) "The Glory of the Sea" (Sanderson); (b) "Daddy."
 8.17: Organ—Terence Casey, "Annie Laurie" Novelty Variations.
 8.21: Humour—Mr. Jas. Laurenson, "Nothing and Everything."
 8.25: Descriptive Fantasia—Band, "The Village Blacksmith" (Gaetas).
 8.34: Baritone—Mr. Leslie Stewart with Trio accompaniment, (a) "The Little Town of Auld County Down" (Sanders); (b) "The Bells of St. Mary's" (Adams).
 8.41: Instrumental trio—Christchurch Broadcasting Trio, (a) "Scherzo" (Mendelssohn); (b) "Refrain De Berceau" (Palmgren).
 8.47: Soprano—Miss Elsie D. Rutter, (a) "Daffodil Day" (Phillips); (b) "Happy Song" (Del Riego).
 8.52: Foxtrot—Band, "The King's Horses" (Gay).
 8.57: Mixed Chorus—Light Opera Company, "Veronique" Vocal Gems.
 9.1 : Weather forecast and station notices.
 9.3 : Selection—Jack Hylton and His Orchestra, "Medley of Chappell Ballads" (H.M.V. C1846).
 9.11: Contralto—Miss Kathleen Bond with Trio accompaniment, "The Bonnie Banks of Loch Lomond" (McKenzie).
 9.15: Waltz—Band, "Tesoro Mio" (Becucci).
 9.21: Humour—Mr. Jas. Laurenson, "Nell" (Billy Bennett).
 9.26: Instrumental trio—Broadcasting Trio, (a) "Waltz—The Dream of Home" (Arditi); (b) "Serenade" (Widor).
 9.34: Baritone—Mr. Leslie Stewart with Trio accompaniment, "Love Song" (from "The Fortune Teller") (Herbert).
 9.38: Selection—Band, "Il Trovatore" (Verdi).
 9.42: Soprano—Miss Elsie D. Rutter, (a) "Love the Jester" (Montague Phillips); (b) "Ships of Arcady" (Head).
 9.47: Piano duet—Victor Arden and Phil Ohman, "Fashionette."
 9.50: Mixed Chorus—Light Opera Company, "The Arcadians" Vocal Gems.
 9.54: Foxtrot—Band, "By Heck" (Henry); March, "Princess Pocahontas."
 10.4 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—MONDAY, NOVEMBER 2.

- 3.0 : Selected recordings.
 5.0 : Children's hour, conducted by Uncle Jack.
 6.0 : Dinner music session (Columbia)—Albert Sandler and His Orchestra, "My Dream Memory" (Levant).
 Menorah Symphony Orchestra, "Shulamith" Selection (Goldfaden).
 J. H. Squire's Celeste Octet, "Serenade" (Moszkowski—Sear) (4194).
 Royal Philharmonic Orchestra, "Blue Danube" Waltz (Strauss).
 Jean Lensen and His Orchestra, "Ideale" (Tosti, arr. Tavan) (01917).
 Cordoba Philharmonic Orchestra, "Carnival" (Lucena) (DOX77).
 Organ—Quentin MacLean, "Lily of Laguna" (Stuart) (DO24).
 Herman Finck and His Orchestra, "Old and New" Potpourri of Popular Melodies (arr. Finck) (DOX 45 and 59).
 Albert Sandler and His Orchestra, "Give Me Back My Heart."
 J. H. Squire's Celeste Octet, "Moment Musicale" (Schubert—Sear).
 Jean Lensen and His Orchestra, "Love's Last Day" (Benatsky).
 Cordoba Philharmonic Orchestra, "La Habanera" (Lucena) (DOX77).
 Organ—Quentin MacLean, "Little Dolly Daydream" (Stuart) (DO24).
 7.0 : News session.
 8.0 : Chimes. Specially Recorded International programme.—Dr. Eugene Ormandy and His Salon Orchestra.
 The Flying Song Squadron.

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Forget-Me-Not.
Weather report.
Talk—Dr. E. N. Merrington, "Public Opinion on International Affairs."
The Irresistible Imps.
Whispers.
God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—MONDAY, NOV. 2.
8.0 to 10.0 p.m.: Concert programme.

Tuesday, November 3

1YA, AUCKLAND (875 KILOCYCLES)—TUESDAY, NOVEMBER 3.

- 3.0 : Chimes. Selected recordings.
3.15: Literary selection.
4.30: Sports results.
5.0 : Children's session, conducted by Uncle Dave.
6.0 : Dinner music session (Polydor)—
Paul Godwin's Orchestra, "The Jolly Robbers" Overture (Suppe).
Mandolin and Lute Band, "Per Aspera Ad Astra" (Urbach) (21624).
State Opera Orchestra, Berlin, "Othello" Ballet (Verdi) (66454).
Paul Godwin's Orchestra, "Bells of Vineta" Waltz (Lindsay-Thierner).
The Philharmonic Orchestra, Berlin, "The Gipsy Baron" (Strauss).
Paul Godwin's Orchestra, "The Girl of the Black Forest" (Jessel).
Mandolin and Lute Band, "Turkish March" (Mozart) (21624).
Ilja Livschakoff's Orchestra, "Spring in Paris" (Kalman) (23725).
Philharmonic Orchestra, Berlin, "Les Huguenots" Overture.
Paul Godwin's Orchestra, "Lotus" Waltz (Ohlsen) (23323); "Avant de Mourir" (Boulanger) (21407).
7.0 : News and market reports.
7.30: Workers' Educational Association session—Rev. Wm. Constable, M.A., "George Bernard Shaw"
8.0 : Chimes. Specially Recorded International Programme.
Dr. Eugene Ormandy and His Salon Orchestra.
The Flying Song Squadron.
Forget-me-not.
Weather report.
International talk—Professor H. Belshaw, "International Economic Co-operation as a Factor in World Prosperity."
The Irresistible Imps.
Whispers.
God save the King.

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

- 10.0 : Chimes. Selected gramophone recordings.
11.12: Lecturette—"Fabrics and Fashions."
12.0 : Lunch hour music.
2.0 : Educational session.
3.0 : Selected recordings.
3.30 and 4.30: Sporting results.
5.0 : Children's hour, conducted by Jumbo.
6.0 : Dinner music session. (H.M.V.)—
Royal Opera Orchestra, "Sylvia" Ballet, Pizzicato and Procession of Bacchus (Delibes) (C1418).
Marek Weber's Orchestra, "Coeur Brise" (Gillet) (B3026).
Organ—Charles W. Saxby, "Les Millions D'Arlequin" Serenade.
Mandolin Concert Society, "Echoes of the Volga" (Ritter) (C1936).
Marek Weber and His Orchestra, "The Beggar Student" (Millocker).
H.M. Coldstream Guards' Band, "Faust" Selection (Gounod) (C1877).
The London Orchestra, "Valse Memories" (arr. Somers) (Zono. 5257).
Organ—Chas. W. Saxby, (a) "Spring Song"; (b) "Bees' Wedding."
Marek Weber and His Orchestra, "Menuett No. 1" (Paderewski).
Piccadilly Orchestra, "The Waltz Dream" (Strauss) (B2684).
7.0 : News, market reports and sports results.
7.40: Lecturette by a Representative of the Agricultural Department, "For the Man on the Land."
8.0 : Chimes. Overture—Berlin State Opera Orchestra, "The Operaball."
8.8 : Tenor—Mr. Terence O'Brien, with orchestral accompaniment, (a) "Then You'll Remember Me" (Balfe); (b) "Believe Me if all Those Endearing Young Charms" (Moore).
8.14: Selection—2YA Salon Orchestra (Conductor, Mr. M. T. Dixon). "Haydn Wood's Popular Songs" (arr. Higgs).
8.24: Songs at the piano—Miss Muriel Johns, (a) "Say a Little Prayer For Me" (Nicholls); (b) "Wanganui Moon" (McKenzie).
8.30: Novelty piano duo—Perc and Les, (a) "Hello Beautiful" (Donaldson); (b) "Walkin' My Baby Back Home" (Turk).
8.37: Organ—Quentin M. MacLean, (a) "Little Dolly Daydream"; (b) "Lily of Laguna" (Stuart) (Col. D024).
8.43: Instrumental—2YA Salon Orchestra, "Moon Moths" (Kussner).
Piano and strings—Mr. M. T. Dixon and Orchestra, "Country Dances."
8.54: Songs at the piano—Miss Muriel Johns, "One Little Raindrop."
9.0 : Weather report and station notices.
9.2 : Selection—2YA Salon Orchestra, "Gypsy Princess" (Kalman).
9.12: One act play in two scenes—"The Signal" (Gordon). Cast—Mrs. Rudd (an old woman of nearly seventy), Miss Susie Painter; Kate Rudd (her daughter, aged about forty), Miss Marjorie Murray; Moira Shand (a young woman in the late twenties), Miss Elsie Lloyd. Scene—Living-room of a backblock cottage.

- 9.42: Novelty piano duo—Perc and Les, (a) "Livin' in the Sunlight—Lovin' in the Moonlight" (Lewis); (b) "Medley Popular Choruses."
9.49: Tenor—Mr. Terence O'Brien, with orchestral accompaniment, (a) "Killarney" (Balfe); (b) "Mother Machree" (Ball).
9.56: Instrumental—2YA Salon Orchestra, "Latest Dance Novelties."
10.1 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—TUESDAY, NOVEMBER 3.

- 8.0 : Chimes. Relay from Cranmer Square of Community Dancing arranged by His Worship the Mayor, Mr. D. G. Sullivan, M.P. Music by the Woolston and New Brighton Bands.
God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—TUESDAY, NOVEMBER 3.

- 3.0 : Selected recordings.
4.30: Sports results.
5.0 : Children's hour, conducted by Aunt Leonore.
6.0 : Dinner music session (H.M.V.)—
International Concert Orchestra, "La Spagnola Waltz" (Di Chiara).
Novelty Orchestra, "Passion Rose" (Lehar) (Zono. EE200).
Berlin State Opera Orchestra, "German Dances" (Mozart) (D1624).
Organ—Sydney Gustard, "Un Peu D'Amour" (Silesu) (B3318).
Reginald King and His Orchestra, "The Song I Love" (Henderson).
H.M. Coldstream Guards Band, "La Fille De Madame Angot."
The London Palladium Orchestra, "Sunset" (Matt) (C1898).
Vienna Philharmonic Orchestra, "Die Fledermaus" Waltz (Strauss).
International Concert Orchestra, "My Treasure" (Beucchi).
Novelty Orchestra, "Midnight Bells" (Heuberger) (Zono. EE200).
Organ—Sydney Gustard, "Poupee Valsante" (Poldini) (B3318).
Reginald King and His Orchestra, "Garden in the Rain" (Gibbons).
The London Palladium Orchestra, "Dawn" (Matt) (C1898).
7.0 : News and reports.
7.40: Dialogue, under auspices of the W.E.A., by W.E.A. Students, "Is Unemployment Inevitable?"
8.0 : Chimes. Programme by Kaikorai Band, and assisting artists. Conductor—Mr. L. Borrow.
March—The Band, "Torchlight" (May); Waltz, "Down The Vale."
8.12: Chorus—The Majors, (a) "The Arcadians"; (b) "The Joy of Life."
8.21: Organ—Reginald Foort, (a) "Drink To Me Only With Thine Eyes" (Calcott); (b) "Salut D'Amour" (Elgar) (H.M.V. B3468).
8.27: Humour—Mr. D. E. Dall, "David Copperfield and the Waiter."
8.31: Selection—The Band, "Bohemian Girl" (Balfe).
8.41: Soprano and chorus—The Majors, (a) "Pipes of Pan"; (b) "Opening Chorus" (Monckton).
8.51: Foxtrot—The Band, "Barcelona" (Kahn).
8.55: Contralto—Miss Gwenda Burt, "The Girl With a Brogue" (Monckton).
9.0 : Weather report and station notices.
9.2 : Medley—Debroy Somers' Band, "Stealing Thro' The Classics."
9.10: Chorus—The Majors, (a) "Plant Your Posies" (Monckton); (b) "Charming Weather" (Talbot).
9.18: Waltz—The Band, "Golden Grain" (Trussell).
9.26: Humour—Mr. D. E. Dall, (a) "The Art of Angling"; (b) "A Scot's Wooing" (Jerome).
9.34: Piano—Jeanne Marie Darre, "The Gipsy Baron" Waltz.
9.40: Solo and Chorus—The Majors, "Bring Me a Rose" (Monckton).
9.44: Selection—The Band, "H.M.S. Pinafore" (Sullivan).
9.52: Soprano—Miss F. Elmes, "Light Is My Heart" (Talbot).
Chorus—The Majors, "Finale" (Monckton).
9.58: March—Band, "My Regiment" (Blankenburg).
10.2 : God save the King.

Wednesday, November 4

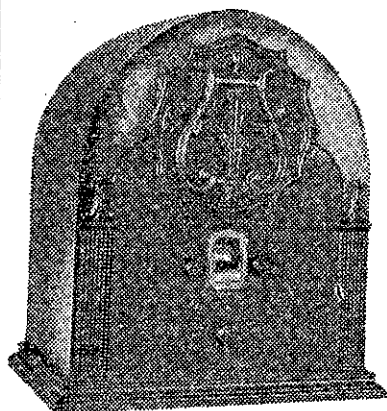
1YA, AUCKLAND (875 KILOCYCLES)—WEDNESDAY, NOVEMBER 4.

- 3.0 : Chimes. Selected recordings.
3.15: Literary selection.
4.30: Sports results.
5.0 : Children's session, conducted by Uncle Reg.
6.0 : Dinner music session (H.M.V.)—
String Orchestra, "Overture to Arndel Suite" (Brown) (B3514).
Cedric Sharpe Sextet, "Love's Old Sweet Song" (Molloy) (C1894).
Salon Orchestra, "By The Light Of The Stars" (Shay) (B2225).
Marek Weber and His Orchestra, "My Darling" Waltz (Waldteufel).
Organ—Jesse Crawford, "La Borrachita" (Fernandez Esperon).
The London Palladium Orchestra, "Vivienne" (Finck) (B3466).
De Groot and His Orchestra, "Une Heure D'Amour" (Alexander).
International Novelty Orchestra, "I Love You Truly" (Bond) (B3496).
Ferdie Kauffman and His Orchestra, "Siciliana" (Schmalstich).
Cedric Sharpe Sextette, "Intermezzo" (Coleridge-Taylor) (C1894).
De Groot and His Orchestra, "Only For You" (Strong) (B2234).
Salon Orchestra, "You Forgot To Remember" (Berlin) (B2225).
String Orchestra, (a) "Almand"; (b) "Pavan" (from "Arundel Suite").
Organ—Jesse Crawford, "I Loved You Then As I Love You Now."
Marek Weber and His Orchestra, "Rustle of Spring" (Slinding).
International Novelty Orchestra, "Love Sends a Little Gift of Roses."
De Groot and His Orchestra, "For Ever And For Ever" (Tosti).
The London Palladium Orchestra, "Longing" (Haydn Wood).

- 7.0 : News and market reports.
 7.40 : Talk—"Sparwood" of the "New Zealand Referee," "Dogs."
 8.0 : Chimes. Mr. J. M. Clark and Company present the Three-Act Radio play by George de Clive-Lowe, "The Doge of Venice."
 Overture—The New Light Symphony Orchestra, "The Merry Wives of Windsor" (Nicolai) (H.M.V. C1260).
 Act 1.—Scene 1: A Room in Count Conaro's Palace.
 Entr'acte—Victor Oloff Salon Orchestra, Prelude No. 1 from Suite "The Merchant of Venice" (Rosse) (Parlo. A4301).
 Scene 2: Apartment of the Doge, in the Ducal Palace.
 Entr'acte—Victor Oloff Salon Orchestra, "Intermezzo Portia" and "Oriental March" from Suite "The Merchant of Venice" (Rosse).
 Act 2.—Scene 1: An apartment in Count Lioni's mansion.
 Scene 2: Apartments of the Doge.
 Scene 3: Count Conaro's bed-chamber.
 Entr'acte—Victor Oloff Salon Orchestra, Incidental Music Prelude No. 2 from Suite—"The Merchant of Venice" (Rosse) (Parlo. A4302).
 Act 3.—Scene 1: A Hall in the Convent of St. Saviour's, Venice.
 Scene 2: Apartments of the Doge.
 Scene 3: The Council Chamber of the Ducal Palace.
 March—Victor Oloff Salon Orchestra, "Doge's March" from suite "Merchant of Venice" (Rosse) (Parlo. A4302).
 10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—WEDNESDAY, NOVEMBER 4.

- 10.0 : Chimes. Selected gramophone recordings.
 11.37 : Lecturette—"Hollywood Affairs."
 12.0 : Lunch-hour music.
 2.0 : Selected recordings.
 3.15 : Lecturette—Miss Ruth Hay, "Grace Elegance."
 3.30 and 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Aunt Daisy.
 6.0 : Dinner music session (Columbia)—
 Milan Symphony Orchestra, "Masaniello" Overture (DOX 149).
 Cordoba Philharmonic Orchestra, "La Habanera" (Lucena) (DOX 77)



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Herman Finck and His Orchestra, "Melodious Memories" (arr. Finck).
 Sir Henry J. Wood's Symphony Orchestra, "Prelude in C Sharp Minor"
 (Rachmaninoff, arr. Wood) (DOX 83).

J. H. Squire's Celeste Octet, "Memories of Chopin" (arr. Willoughby).
 London Theatre Orchestra, "Frederica" Selection (Lehar) (DOX 145).
 Regal Cinema Orchestra, "Viennese Nights" Waltzes Selection.
 Sir Henry J. Wood's Symphony Orchestra, "Volga Boat Song."
 Cordoba Philharmonic Orchestra, "Carnival" (Lucena) (DOX 77).

- 7.0 : News, market reports and sports results.
 7.40 : Lecturette—Mr. G. Girling Butcher, Inspector of Fire Brigades, "Fire
Prevention and Business."
 8.0 : Chimes. Dr. Eugene Ormandy and His Salon Orchestra; Mirth
Quakers; Weather report; International talk, Dr. Guy H. Schole-
field, O.B.E.; Stardust; Whispers; God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—WEDNESDAY, NOV. 4.

- 3.0 : Gramophone recital.
 4.30 : Sports results and close down.
 5.0 : Children's hour, conducted by Uncle John.
 6.0 : Dinner music session (Parlophone)—
 Karol Szreter, pianoforte, with Berlin State Opera Orchestra, "Suite
Orientale" (Poppy) (A3058).
 Dajos Bela Orchestra, "You and You" Waltz (Strauss) (A4080).
 Sander Joszi Orchestra, "The Hobgoblin's Story" (Brecht) (A3027).
 Orchestra Opera Comique, Paris, "Manon" Ballet Music (Massenet).
 Dajos Bela Orchestra, "Wiener Blut" (Strauss) (A4095).
 Berlin State Opera Orchestra, "Dance of the Hours" (Ponchielli)
 (A4144); "Norma" Overture (Bellini) (A4146); "Slavonic Dances
Nos. 8 and 16" (Dvorak) (A4171).
 Dajos Bela Orchestra, "Gipsy Love" Waltz (Lehar) (A4080).
 Berlin State Opera Orchestra, "La Traviata" Prelude (Verdi) (A4146).
 Dajos Bela Orchestra, "Voices of Spring" (Strauss) (A4095).
 Sander Joszi Orchestra, "An Eastern Wedding" (Prychistal) (A3027).
 7.0 : News and reports.
 7.30 : Addington stock market reports.
 8.0 : Chimes. Relay from Civic Theatre of concert version of "Faust"
 (Gounod) by the Royal Christchurch Musical Society (under con-
 ductorship of Mr. W. H. Dixon, L.R.A.M., A.R.C.M. Soloists:
 Marguerite, Miss Addie Campbell (Christchurch); Siebel, Martha,
 Miss M. O'Connor (Christchurch); Mephistopheles, Mr. W. Ker-
 shaw (Dunedin); Faust, Mr. Hubert Carter (Christchurch);
 Valentine, Wagner, Mr. Clive Hindle (Christchurch).
 10.0 (approx.): Dance music from studio (Panachord)—
 Foxtrots—Benny Goodman and His Orchestra, "We Can Live on Love"
 (Golden) (P12120); "And Then Your Lips Met Mine" (Nelson)
 (P12023); "If You Haven't Got a Girl" (Davis) (P12079).
 10.9 : Waltzes—Mark Fisher's Orchestra, "Beautiful Love" (Gillespie)
 (P12146); Jack Richard and His Miami Orchestra, "Gazing at the
Stars" (Crawford) (P12101).
 10.15 : Foxtrots—Sleepy Hall and His Collegians, "The Song of the Fool"
 (Lewis) (P12023); Ed. Loyd and His Orchestra, "Whistling in the
Dark" (Moretz) (P12146).
 10.21 : Vocal—Norman Allin, "Off to Philadelphia" (Temple) (Co. 01590).
 10.24 : Foxtrots—Spec Mason's Orchestra, "Thank Your Father" (De Sylva)
 (P11988); Mark Fisher's Orchestra, "Three Little Words" (Kal-
mar) (P12002); The Captivators, "We're Friends Again" (Turk).
 10.33 : Tangos—Ilja Livschakoff and Dance Orchestra, "In a Little Summer-
House" (Egen) (Poly. 23906); Paul Godwin's Dance Orchestra,
 "Fair-Haired Clare" (Llossas) (23945).
 10.39 : Foxtrots—Will Osborne and His Orchestra, "That Little Boy of Mine"
 (King) (P12118); "By My Side" (Link) (P12101); Spec Mason's
 Orchestra, "Without Love" (De Sylva) (P11988).
 10.48 : Vocal—Queenie and David Kaili, "When Your Hair Has Turned to
Silver" (Tobias) (Parlo. A3210).
 10.51 : Waltz—Mark Fisher and His Orchestra, "For You" (Dubin) (P12120).
 Foxtrots—Benny Goodman and His Orchestra, "Mine Yesterday—His
To-day" (Lewis) (P12100); Will Osborne and His Orchestra, "Say
a Little Prayer for Me" (Nichols) (P12118).
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—WEDNESDAY, NOVEMBER 4.

- 3.0 : Selected recordings.
 3.15 : Talk—"That Picnic Hamper!" By the Home Science Extension De-
 partment of Otago University.
 4.30 : Sports results.
 5.0 : Children's hour, conducted by Big Brother Bill.
 6.0 : Dinner music session (Columbia)—
 Bournemouth Municipal Orchestra, "Crown Diamonds" Overture.
 J. H. Squire's Celeste Octet, "Air on G String" (Bach, arr. Sear).
 New Concert Orchestra, "Nights of Fragrance" (Ziehrer) (02979).
 Band of H.M. Grenadier Guards, "Sir Harry Lauder Medley" (02750).
 J. H. Squire's Celeste Octet, "On Wings of Song" (Mendelssohn).
 Bournemouth Municipal Orchestra, "The Bronze Horse" Overture.
 J. H. Squire's Celeste Octet, "Putting the Clock Back" (arr. Squire)
 (DOX 71); "Funeral March of a Marionette" (Gounod, arr. Sear).
 New Concert Orchestra, "Vienna Maidens" (Ziehrer) (02979).
 Classic Symphony Orchestra, "Classic Memories" (arr. Ewing) (Reg.)
 J. H. Squire's Celeste Octet, "Aye Maria" (Bach-Gounod) (02569).
 7.0 : News and reports.

- 7.15: Talk—Mr. L. W. McCaskill, "Review of N.Z. Journal of Agriculture."
 8.0 : Chimes. Programme by Dunedin Returned Soldiers' Association Male Voice Choir and assisting artists. Conductor—Mr. John T. Leech.
 Overture—Philadelphia Symphony Orchestra, "The Sea and the Vessel of Sinbad" (from "Scheherazade" Suite) (Rimsky-Korsakoff).
 8.9 : Part-song—The Choir, (a) "The Song of the Bow" (Ayiward); (b) "O, Peaceful Night" (German).
 8.16: Selections—Pettitt's Quartet, (a) "Beautiful Galatea" (Suppe); (b) "Haya" Entr'acte (Maurice).
 8.28: Cantata for men's voices—The Choir, "King Olaf's Christmas" (Buck).
 8.40: 'Cello—Mr. T. Law, "Berceuse" (Sibelius).
 8.44: Chorus—The Choir, "Down Among the Dead Men" (Bantock).
 Humorous part-song—The Choir, "Peter the Cat" (Eastman).
 8.52: Selection—Pettitt's Quartet, "Amina" Intermezzo (Lincke).
 9.0 : Weather report and station notices.
 9.2 : Octet—J. H. Squire's Celeste Octet, "The Chorister's Dream" (Ward).
 9.6 : Part-song—The Choir, "Nazareth" (Gounod).
 Soprano—Miss Nell Wilson, (a) "Love is Meant to Make Us Glad" (German); (b) "Comin' Thru' the Rye" (traditl.).
 9.16: Selection—Pettitt's Quartet, selections from "Four Pieces for Strings and Piano" (Bach).
 9.23: Humorous part-song—The Choir, (a) "Alexandra" (Brewer); (b) "Farewell" (from "Songs of the Fleet") (Stanford).
 9.30: Dance music session (Brunswick)—
 Foxtrots—Paul Godwin's Dance Orchestra, "I Play My Concertina" (Reisfeld) (Poly. 23941); Sleepy Hall and His Collegians, "Bubbling Over with Love" (Pana. P12155).
 Waltz—Ilja Livschakoff's Dance Orchestra, "Next Dance Ladies' Choice, Please" (Rosen) (Poly. 23974).
 9.39: Foxtrots—Abe Lyman and His Californian Orchestra, "To Whisper 'Dear, I Love You'" (Marris) (6095); Brunswick Concert Orchestra, "Amapola" (Lacalle) (41346); Abe Lyman and His Californian Orchestra, "Oh, How I Miss You" (Hirsch) (6095).
 9.48: Vocal—James Melton, "Now You're In My Arms" (Wrubel) (Reg.).
 9.51: Foxtrots—Nick Lucas and His Crooning Troubadours, "Let's Get Friendly" (Yellen) (6098); Ben Bernie and His Orchestra, "That Little Boy of Mine" (Meroff) (6097).
 Waltzes—Regent Club Orchestra, "After the Dance" (Cæsar) (6099); Ilja Livschakoff's Dance Orchestra, "Alone for the First Time."
 10.3 : Foxtrots—Ilja Livschakoff's Dance Orchestra, "Harlene" (Michael-off) (24175); Hal Kemp and His Orchestra, "I've Got a Sweet Somebody to Love Me" (Ryan) (6071).
 10.9 : Vocal—Chester Gaylord, "It Must Be True" (Arnheim) (6030).
 10.12: Foxtrots—Ben Bernie and His Orchestra, "Whistling in the Dark" (Boretz) (6097); Hal Kemp and His Orchestra, "Moonlight-Saving Time" (Richman) (6108); Nick Lucas and His Crooning Troubadours, "Boy! Oh, Boy! I've Got It Bad" (Leslie) (6096).
 10.21: Tangos—Ilja Livschakoff's Dance Orchestra, "In a Hundred Years" (Dostal) (Poly 24154); "In Honolulu" (Rosen) (23974).
 10.27: Foxtrots—Jacques Renard and His Orchestra, "Since an Angel Like Mary" (Leslie) (6113); Loring Nichols and His Orchestra, "Love Is Like That" (Russell) (6098).
 10.33: Vocal—James Melton, "Beautiful Love" (Young) (Reg. G21092).
 10.36: Foxtrots—Jacques Renard and His Orchestra, "Come to Me" (De Silva) (6106); Colonial Club Orchestra, "I Bring a Love Song" (Romberg) (41324); Jacques Renard and His Orchestra, "If You Haven't Got Love" (De Silva) (6106).
 10.45: Waltzes—Regent Club Orchestra, "You Will Remember Vienna" (Romberg) (41324); Castlewood Marimba Band, "Rock Me in a Cradle of Kalua" (Bryan) (6099).
 10.51: Foxtrots—Hal Kemp and His Orchestra, "I'm Mad About You" (Silver) (6071); Abe Lyman and His Californian Orchestra, "It Looks Like Love" (Freed) (6113); Isham Jones's Orchestra, "Good-night, Sweet Dreams" (Piantadosi) (6096).
 11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—WEDNESDAY, NOV. 4.

- 6.30 to 7.30 p.m.: Children's session.
 7.30 to 8 p.m.: Sports talks.

Thursday, November 5

1YA, AUCKLAND (875 KILOCYCLES)—THURSDAY, NOVEMBER 5.

- 12.15: Selected recordings.
 12.30 Relay from St. Matthew's Church of special mid-day service.
 3.0 : Chimes. Selected recordings.
 3.15: Home science—"Some Breakfast Dishes." Talk prepared by the Home Science Extension Service of Otago University.
 4.30: Sports results.
 5.0 : Children's session, conducted by Skipper.
 6.0 : Dinner music session (Parlophone)—
 Edith Lorand's Orchestra, "Tales of Hoffman" Fantasia (Offenbach).
 Dajos Bela String Orchestra, "Goldregen" (Waldteufel) (A4238).
 Otto Dobrindt and His Symphony Orchestra, "Speak Not of Love Eternal" (Granichstaedten) (A4275).
 Dajos Bela Orchestra, "Polo" (Petras) (A2851).
 Dr. Ormandy's Instrumental Trio, "From The Land of The Sky Blue Water" (Cadman) (A2542).

- Dajos Bela Orchestra, "Delirien Waltz" (Strauss) (A4182): "Count of Luxembourg" (A4182).
 Sandor Joszi Orchestra, "Marionette's Wedding March" (Rathie).
 Dajos Bela Orchestra, "Viennese Waltz Potpourri" (Robrecht) (A4169).
 Berlin State Opera Orchestra, "Praeludium" (Jarnefeldt) (A2735).
 Dajos Bela String Orchestra, "Gold And Silver" (Lehar) (A4238).
 Mitja Nikisch and His Symphony Orchestra, "Madelon" Dream Waltz.
 7.0 : News and market reports.
 7.40: Talk (under the auspices of the N.Z. Manufacturers' Association)—
 "New Zealand Made Goods for Christmas Presents."
 8.0 : Chimes. Relay from the Lewis Eady Hall of the Leys' Institute Orchestra's Concert, Conductor Mr. Harold Baxter.
 March—The Orchestra, "Great Little Army" (Alford); Serenade—"Serenade D'Amour" (Blon); Orchestral—"Drink To Me Only" (Quilter); Oriental March—"The Khan" (Burgess).
 Soprano—Miss Sylvia Dobbs, "Little Boy Blue" (Nevin).
 Selection—The Orchestra, "Russian Fantasia" (Krein).
 Violin—Master Jack Stuart, "Kuyawiak" (Wieniawski).
 Waltz—The Orchestra, "Flirtation" (Steck).
 Morceaux—The Orchestra, (a) "Minuet In G" (Beethoven); (b) "Moment Musical" (Schubert).
 Soprano—Miss Sylvia Dobbs, "All Joy Be Thine" (Sanderson).
 Selection—The Orchestra, "Fortune Teller" (Herbert).
 Violin—Master Harold Taberner, "Chanson Indoue" (Korsakov).
 Selection—The Orchestra, "The Thistle" (Myddleton); March—"Old Faithful" (Holzman).
 10.0 : Programme of Dance music by R.M.V. Rangitiki Jazz Band.
 11.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—THURSDAY, NOVEMBER 5.

- 10.0 : Chimes. Selected gramophone recordings.
 10.45: Lecturette—"Cooking."
 11.37: Lecturette, under the auspices of the Health Department, Miss Janet Moore, R.N. Tutor Sister—"What to do Before the Doctor Comes."
 12.0 : Lunch hour music.
 2.0 : Selected recordings.
 3.15: Lecturette—Miss I. F. Meadows, "Some Breakfast Dishes." Talk prepared by the Home Science Extension Service of Otago University.
 3.30 and 4.30: Sporting results.
 5.0 : Children's hour, conducted by Uncle George and Big Brother Jack.
 6.0 : Dinner music session (Parlophone)—
 The Parlophone Salon Orchestra, "A Lover in Damascus."
 Berlin State Opera Orchestra, "Slavonic Dances Nos. 1 and 2."
 Edith Lorand's Orchestra, "Whispering of the Flowers" (Von Blon).
 H.M. Irish Guards Band, "The Desert Song" (Romberg) (A2433).
 Edith Lorand's Orchestra, "Hedgeroses" (Lehar) (A4206); "Johann Strauss Fantasia" (Strauss) (A4044).
 Barnabas von Geczy and His Orchestra, "The Student Prince" Fantasia.
 Edith Lorand's Orchestra, "Winter Storms" Waltz (Fucik) (A4143); "O Maiden, My Maiden" (Lehar) (A4206).
 Grand Symphony Orchestra, "Dance of the Waves" (Catalani).
 7.0 : News, market reports and sports results.
 7.40: Lecturette—Mr. Johannes Andersen, Librarian of the Turnbull Library, "Maori Folk Lore."
 8.0 : Chimes. Concert by the Commercial Travellers and Warehousemen's Association Orchestra and Concert Party.
 Overture—The Orchestra, "Fra Diavolo" (Anber).
 8.10: Baritone—Mr. H. Matthews, "On the Road to Mandalay" (Speaks).
 8.14: Intermezzo—The Orchestra, "Red Poppies" (Elliot); Descriptive—"The Elephants Parade" (Basque).
 8.20: Contralto—Mrs. E. Astill, "Mary O'Neill" (Hardy).
 8.24: Selection—The Orchestra, "Pirates of Penzance."
 8.34: Tenor—Mr. Gar Naylor, (a) "Rose of Tralee" (Glover); (b) "For You Alone" (Geehl).
 8.40: Waltz—The Orchestra, "Gold and Silver" (Luber); Medley, "Russian Medley" (Geiger).
 8.49: Soprano—Mrs. Glen Clayton, "The Sweetest Flower That Blows."
 8.52: Band—H.M. Grenadier Guards Band, "Hyde Park Suite" (Jalowiec); (a) "Sunday Morning Church Parade," (b) "Rotten Row," (c) "On the Serpentine," (d) "Around the Bandstand."
 9.0 : Weather report and station notices.
 9.2 : Descriptive—The Orchestra, "Chal Romano" (Ketelbey).
 9.9 : Baritone—Mr. H. Matthews, "Boots" (Kipling-McCall).
 Duet—Mesdames Astill and Clayton, "Still As The Night" (Bohm).
 9.15: Selection—The Orchestra, "The Vagabond King" (Friml).
 9.25: Tenor—Mr. Gar Naylor, "At Dawning" (Cadman).
 Soprano—Mrs. Gwen Clayton, "Country Folk" (Brahe).
 9.31: Patrol—The Orchestra, "Jungle Drums" (Ketelbey).
 9.37: Descriptive Ballad—Columbia Dramatic Players, with B.B.C. Choir, "The Village Blacksmith" (arr. Batten): (1) "The Smithy," (2) "The Church" (Col. 01908).
 9.43: Selection—The Orchestra, "The Mikado" (Gilbert and Sullivan).
 9.53: Contralto—Mrs. E. Astill, "When the House is Asleep" (Haigh).
 9.57: March—The Orchestra, "The Bogey Man" (Dame).
 10.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—THURSDAY, NOVEMBER 5.

- 3.0 : Gramophone recital.
 3.15: Lecturette—"Some Breakfast Dishes." Talk prepared by the Home Science Extension Service, Otago University.

- 4.30: Sports results.
 5.0: Children's hour, conducted by Ladybird and Uncle Frank.
 6.0: Dinner music session (Columbia)—
 Regal Cinema Orchestra, "Show of Shows" Selection (05086).
 Band of H.M. Grenadier Guards, "La Benediction des Poignards."
 Rio Novelty Orchestra, "Mientras Lloro El Tango" (DO159).
 Orchestre Symphonique de Paris, "L'Arlesienne Suite"—Adagietto.
 Eastbourne Municipal Orchestra, "Tarantelle" (Saint-Saens) (05033).
 London Theatre Orchestra, "A Country Girl" Selection (Monckton).
 H.M. Air Force Band, "The Nightingale and the Frogs" (Ellenberg).
 Organ—Stanley Macdonald, "The Rosary" (Nevin) (Reg. G20391).
 J. H. Squire's Celeste Octet, "Valse Blue" (Margis) (3643).
 Band of H.M. Grenadier Guards, "Lo! Here the Gentle Lark" (Bishop).
 Rio Novelty Orchestra, "Spaventa" Tango (Pares) (DO 159).
 Orchestre Symphonique de Paris, "L'Arlesienne Suite" Entr'acte—Le Carillon (Bizet) (01327).
 Organ—Stanley Macdonald, "La Rosita" (Dupont) (Reg. G20391).
 H. G. Amers and the Eastbourne Municipal Orchestra, "Second Serenata" (Toselli, arr. Geehl) (05033).
 H.M. Air Force Band, "The Parade of the Tin Soldiers" (Jessel).
 J. H. Squire's Celeste Octet, "Amoureuse" Valse (Berger) (3643).
 7.0: News and market reports.
 7.15: Talk—Mr. R. W. Marshall, Government Tourist Department, "Tourist Resorts."
 8.0: Review of the Journal of Agriculture.
 8.0: Chimes. Specially-recorded International Programme:
 Vitaphone Orchestra.
 The Irresistible Imps.
 The Flying Song Squadron.
 Weather forecast and station notices.
 Lecture—Mr. W. Machin, "International Exchange."
 Forget-me-not.
 Whispers.
 God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—THURSDAY, NOVEMBER 5.

SILENT DAY.

Friday, November 6

IYA, AUCKLAND (875 KILOCYCLES)—FRIDAY, NOVEMBER 6.

- 3.0: Chimes. Selected recordings.
 3.15: Literary selection.
 4.30: Sports results.
 5.0: Children's session, conducted by Nod and Aunt Jean.
 6.0: Dinner music session (Columbia)—
 J. H. Squire's Celeste Octet, "The Fly's Courtship" (Squire) (DO 308).
 B.B.C. Wireless Military Band, "Dance of the Tumblers" (02893).
 Organ—Terence Casey, "I'm Lonely" (Coates) (01501).
 Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov) (02912-3).
 Columbia Symphony Orchestra, "Idilio" (Lack) (01076).
 Ketelbey's Concert Orchestra, "Cockney Suite": (1) A State Procession, (2) The Cockney Lover (Ketelbey) (05052).
 Debroy Somers Band, "Hungarian Medley" (arr. Somers) (01862).
 B.B.C. Wireless Military Band, "Goliwog's Cake Walk" (Debussy).
 Organ—Terence Casey, "Bird Songs at Eventide" (Coates) (01501).
 J. H. Squire's Celeste Octet, "The Ants' Antics" (Squire) (DO 308).
 Ketelbey's Concert Orchestra, "Cockney Suite": (3) At the Palace de Dance, (4) Elegy, (5) Bank Holiday (Ketelbey) (05053-4).
 Columbia Symphony Orchestra, "Spring Song" (Mendelssohn) (01076).
 7.0: News and market reports.
 7.40: Talk—"Sports Talk."
 8.0: Chimes. Overture—B.B.C. Wireless Symphony Orchestra, "Ruy Blas."
 8.0: Soprano—Miss Edith Whittaker, (a) "Little Brown Owl" (Sanderson); (b) "The Kerry Dance" (Molloy).
 8.15: Instrumental—The Moore Sisters: Trio, "Theme and Variations" (Beethoven); violin solo, "Canzonetta" (d'Ambrosio); trio, "Allegretto Giocoso" (Neilson); trio, "Little Star" (Pousse).
 8.29: Baritone—Mr. Morris T. Schroder, (a) "The Curfew" (Gould); (b) "Muleteer of Malaga" (Trotiere).
 8.36: Novelty piano—Mr. Eric C. L. Bell, (a) "One Alone" (Romberg); (b) "You're Driving Me Crazy" (Donaldson).
 8.42: Reel—O'Leary's Irish Minstrels "Turkey in the Straw" (Trdtl.).
 Accordion—Jerry O'Brien, "Little Judy" (Trdtl.) (Reg. G20454).
 8.48: Soprano—Miss Edith Whittaker, "Serenade" (Gounod).
 8.52: Piano and xylophone—Mr. Eric F. B. Waters and Mr. Ray Jury, (a) "Crystal Beach" Polka (Boos); (b) "Nola" (Arndt).
 8.58: Comedian—Clarkson Rose, "Oh, Maggie!" (Buller) (Zono. 5430).
 9.0: Evening weather forecast and announcements.
 9.3: Novelty—The Asquiths, Twenty Minutes Novelty Entertainment.
 9.23: Instrumental—The Moore Sisters: Cello solo, "Le Cygne" (Saint Saens); trios, (a) "Valse Bohemienne" (Coleridge Taylor), (b) "Menuet" (Bach).
 9.31: Baritone—Mr. Morris T. Schroder, "My Dreams" (Tosti).
 9.35: Novelty piano—Mr. Eric C. L. Bell, (a) "I Bring a Love Song" (Romberg); (b) "You Will Remember Vienna" (Romberg).
 9.42: Vocal gems—The Parlophone Variety Co., "Veronique" (Messenger).

- 9.48: Xylophone and piano—Mr. Eric F. B. Waters and Mr. Ray Jury, (a) "Xylophone Scamper" (Barroll); (b) "Cross Corners" (Green).
 9.55: Duet—Stuart Rose and Joe Sargent, "Never Swat a Fly" (Henderson).
 9.58: March—Massed Military Bands, "Wellington" (Zehle). (Parlo. A3057).
 10.1: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—FRIDAY, NOVEMBER 6.

- 10.0: Chimes. Selected gramophone recordings.
 11.12: Lecturette—"Fashions."
 12.0: Lunch-hour music.
 2.0: selected recordings.
 3.30 and 4.30: Sporting results.
 5.0: Children's hour, conducted by Uncle Jim.
 6.0: Dinner music session (H.M.V.)—
 Coldstream Guards Band, "Pique Dame" Overture (Suppe) (C1594).
 Marek Weber and his Orchestra, "Faust" Selection (Gounod) (C1511).
 Organ—Edward O'Henry, "Ca C'est Madrid" (O'Henry) (B3094).
 Zonophone Salon Orchestra, "Love's Garden of Roses" (Haydn Wood).
 Virtuoso String Quartet, "Londonderry Air" (arr. Bridge) (C1470).
 Paul Whiteman and His Concert Orchestra, "Suite of Serenades" (Herbert): (1) Spanish, (2) Chinese, (3) Cuban, (4) Oriental (EB26).
 Coldstream Guards Band, "Morning, Noon, and Night in Vienna."
 Ferdie Kauffmann and His Orchestra, "The Gipsy Baron" Selection.
 Symphony Orchestra, (a) "Waltz of the Hours"; (b) "Variations" (from "Coppelia"—Delibes) (C1939).
 Organ—Edward O'Henry, "Chant Sans Paroles" (Tschalkowsky).
 Zonophone Salon Orchestra, "Mighty Lak a Rose" (Nevin).
 Virtuoso String Quartet, "The Emperor Quartet" (Theme and Variations) (Haydn) (C1470).
 7.0: News, market reports and sports results.
 8.0: Chimes. Overture—2YA Orchestra (Conductor, Signor A. P. Truda).
 "Midnight Dream" (Schlepegrell).
 8.8: Quartet—Melodie Four, (a) "Southern Moon" (Zamecnik); (b) "While I Have You" (Tosti).
 8.14: Guitar duo—Messrs. S. Seaton and G. C. Soal, (a) "Aloma" (Bowers); (b) "Drowsy Waters" (arr. Smith).
 8.21: Baritone—Mr. R. S. Allwright, "Bois Epais" (Lully).
 Quartet—Melodie Four, "Little Cotton Dolly" (Giebel).
 8.27: Selection—2YA Orchestra, "La Fille de Madame Angot" (Lecocq).
 8.37: Tenor—Mr. Frank Bryant, (a) "Ships That Pass in the Night" (Stephenson); (b) "Vale" (Russell).
 8.43: Guitar duo—Messrs. S. Seaton and G. C. Soal, (a) "You Will Remember Vienna" (Romberg); (b) "Hoea Ra" (Piripata); (c) "Ako Ako O Te Rangit" (Erima Maewa Kaihau).
 8.50: Selection—2YA Orchestra, "The Bohemian Girl" (Balfe).
 9.0: Weather report and station notices.
 9.2: Tenor—Mr. Sam Duncan, "Just a Cottage Small" (Hanley).
 Quartet—Melodie Four, (a) "Integer Vitae"; (b) "Stars of the Summer Night" (Cruckshank).
 Bass—Mr. W. W. Marshall, "Journey's End" (de Rance).
 9.14: Waltz—2YA Orchestra, "A Toi" (To Thee) (Waldteufel); foxtrot, "Maisie" (Monte Carlo).
 9.30: Dance music programme (Brunswick)—
 Foxtrots—Colonial Club Orchestra, "Sing Song Girl" (McCarthy) (X4974); Earl Burtnett's Orchestra, "Imaginate" (Burtnett) (41304); Jacques Renard and His Orchestra, "Heartaches" (Klenner) (X6033); Tom Gerun and His Orchestra, "Nine Little Miles from Ten-Ten-Tennessee" (Sherwin) (4999); "I'm Happy When You're Happy" (Davis) (6057).
 9.45: Vocal—Dick Robertson, "One Little Raindrop" (Richman) (Pana.).
 9.48: Foxtrots—Abe Lyman and His California Orchestra, "Golden Sands" (Greer) (Bruns. 4912); Lloyd Huntley and His Orchestra, "Wondering" (Sherman) (X4974); Hal Kemp and His Orchestra, "Think a Little Kindly of Me" (Johnson) (6056).
 Waltz—Bob Haring and His Orchestra, "One Love" (Koehler) (6031).
 10.0: Foxtrots—Abe Lyman and His California Orchestra, "Old-Fashioned Girl" (De Sylva) (4924); Nick Lucas and His Crooning Troubadours, "Walkin' My Baby Back Home" (Turk) (X6059); Ben Bernie and His Orchestra, "Love Comes in the Moonlight" (Dubin) (10.9: Vocal—The Two Gilberts, "We're All Happy" (Leslie) (Reg. G20809).
 10.12: Foxtrots—Ben Bernie and His Orchestra, "You're Just a Lover" (Egan) (6067); Jesse Stafford and His Orchestra, "Building a Home for You" (Kahn) (41334); Earl Burtnett and His Biltmore Hotel Orchestra, "To Make a Long Story Short" (Gay) (6034); Ben Bernie and His Orchestra, "Au Revoir, Pleasant Dreams" (Meskill) (41304); Brunswick Hour Orchestra, "By the River Sainte Marie" (Leslie) (6066); Bob Haring and His Orchestra, "Two Hearts in Waltz Time" (Stolz) (6031).
 10.30: Foxtrots—Abe Lyman and His California Orchestra, "Never Swat a Fly" (De Sylva) (4924); Emil Coleman and His Orchestra, "Elizabeth" (Casar) (6082); Ben Bernie and His Orchestra, "Highway to Heaven" (Dubin) (4850).
 10.39: Vocal—Dick Robertson, "Got the Bench—Got the Park" (Lewis).
 10.42: Foxtrots—Hal Kemp and His Orchestra, "I Want You For Myself" (Berlin) (6056); Earl Burtnett and His Biltmore Hotel Orchestra, "I Found What I Wanted in You" (Endor) (X6059).
 Waltzes—Castlewood Marimba Band, "Blue Pacific Moonlight" (Herbert) (X6033); Brunswick Hour Orchestra, "Under a Roof in Parae" (6066).

10.54: Foxtrots—Tom Gerun and His Orchestra, "What Good Am I Without You?" (Ager) (4999); Earl Burnett and His Biltmore Hotel Orchestra, "I Surrender, Dear" (Clifford) (6084).

1.0 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—FRIDAY, NOVEMBER 6.

3.0 : Gramophone recital.

4.30: Sports results.

5.0 : Children's hour, conducted by Aunt Pat and Chuckle.

6.0 : Dinner music session (H.M.V.)—

National Symphony Orchestra, "Irish Rhapsody" (Herbert).

National Military Band, "Ballet Egyptian" (Luigini) (Zono. A354).

Trio—Fritz and Hugo Kreisler, Michael Rauchsens, "Sanctissima."

New Light Symphony Orchestra, "Scene De Ballet Marionettes."

Organ—Reginald Foort, "The Riff Song" (Romberg) (B2463).

H.M. Coldstream Guards Band, "The Geisha" Selection (Jones).

La Scala Orchestra, "The Secret of Susanna" (Overture).

International Novelty Quartet, "The Veleta" (Morris) (Zono. 5587).

New Light Symphony Orchestra, "Persiflage" (Francis) (B2754).

Trio—Fritz and Hugo Kreisler, Michael Rauchsens, "Arlesienne Intermezzo" (Bizet, arr. Kreisler) (DB1166).

National Symphony Orchestra, "Norma" Overture (Bellini).

Organ—Reginald Foort, "The Desert Song" (Romberg) (B2463).

H.M. Coldstream Guards Band, "The Belle of New York" Selection.

International Novelty Quartet, "Merry Widow Waltz" (Lehar).

7.0 : News and reports.

7.30: Dialogue—Messrs. D. Cossgrove and W. Melbourne, "Radio Service."

8.0 : Chimes. Medley—Jack Hylton and His Orchestra, "Old Musical Comedy Gems" (H.M.V. C1778).

8.8 : Bass—Mr. W. Kershaw, with Sextet accompaniment, "The Eri King."

8.12: Piano—Miss Maisie Ottey, (a) "Berceuse" (Ilynski); (b) "Humoresque" (Levine).

8.17: Mezzo-contralto—Miss Betty Hilliard with Octet accompaniment, (a) "My Ships" (Barratt); (b) "Angus McDonald" (Roeckel).

8.23: Orchestral—Studio Octet (Harold Beck Conductor), (a) "Glenwood March" (Hall); (b) "Semaramis" Overture (Rossini).

8.35: Humour in song and story—Mr. George Titchener, (a) "My Old Dutch" (Chevalier); (b) "Feenish, I Go" (Geo. Ellis).

8.43: Organ—Leslie James, "Il Bacio" (Arfiti) (H.M.V. B3490).

8.46: Bass—Mr. W. Kershaw, (a) "Sapphic Ode" (Brahms); (b) "Bonnie Dundee" (Scots Air).

8.52: Piano novelty—Miss Maisie Ottey, (a) "Dorothy" (McHugh); (b) "Hot Fingers" (Joe Gold).

8.57: Selection—Studio Octet, "Song of My Heart" (Hermann Finck).

9.5 : Weather forecast and station notices.

9.7 : Selection—Dajos Bela String Orchestra, "The Herd Girl's Dream."

9.11: Mezzo-contralto—Miss Betty Hilliard, "Barney O'Shea" (Lover).

9.15: Humour in song and story—Mr. Geo. Titchener, "We're Uncomfortable" (Butler and Wallace).

9.19: Orchestral—Studio Octet, (a) "Here We Are" (Romberg); (b) "Wanganui Moon" (McKenzie); (c) "Humorous Interlude For Piano and Orchestra—Cat and Mouse" (Engelman).

9.31: Gramophone lecture-recital by Mr. Karl Atkinson, "In Lighter Vein."

10.1 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—FRIDAY, NOVEMBER 6.

3.0 : Selected recordings.

4.30: Sports results.

5.0 : Children's hour, conducted by Aunt Sheila.

6.0 : Dinner music session (H.M.V.)—

Cedric Sharpe Sextet, "O, Lovely Night" (Ronald) (B3429).

Berlin State Opera Orchestra, "A Midsummer Night's Dream" Overture.

De Groot and the Piccadilly Orchestra, "If Only I Had You" (Davies).

Organ—Jesse Crawford, "I'll Close My Eyes to the Rest of the World."

Kirilloff's Balalaika Orchestra, "Medley of Old Time Songs."

Palladium Orchestra, "La Siesta" Barcarolle" (Norton, arr. Lotter).

De Groot Trio, "Paraphrase of Strauss Waltzes" (arr. De Groot).

Berlin State Opera Orchestra, "A Midsummer Night's Dream"—Wedding March (Mendelssohn) (C1884).

Cedric Sharpe Sextet, "Chanson Napolitaine" (D'Ambrosio) (B3429).

De Groot and the Piccadilly Orchestra, "Lolita" (Ferrette and Bessier).

The Palladium Orchestra, "The Grasshoppers' Dance" (Bucalossi).

Organ—Jesse Crawford, "How Am I To Know?" (King) (EAG999).

The Rhythmic Eight, "Neapolitan Nights" (Zamecnik) (Zono. BE106).

7.0 : News and reports.

8.0 : Chimes. Overture—Grand Symphony Orchestra, "Caliph of Bagdad."

8.9 : Baritone—Mr. Noel H. North, (a) "Have a Little Faith in Me" (Warren); (b) "A Pair of Blue Eyes" (Kernell).

8.15: Xylophone—Mr. W. J. Sinton, "Raymond" (Thomas).

8.20: Soprano—Miss Tui Salt, "Oh, I Love Society" (Monckton).

8.23: Ventriloquial Humour—Mr. H. McL. Eggers, "Comedy Sketches."

8.31: Selection—De Groot and His Piccadilly Orchestra, (a) "The Temple Bells"; (b) "Till I Wake" (Woodforde-Finden) (H.M.V. B2237).

8.37: Tenor—Mr. D. Lyons, (a) "Eileen Mavourneen" (Benedict); (b) "Rosalie" (Barnes).

8.43: Accordion—Mr. Ted Heaney, "Popular Selection" (arr. Heaney).

8.48: Mezzo-contralto—Miss M. Fenton, "The Fisher Lad" (Day).

8.51: Baritone and chorus—Harold Williams and the B.B.C. Choir (a) "Vilkins and His Dinah"; (b) "Some Folks Like To Sigh."

8.54: Musical saw—Mr. W. Carey, "Old Time Songs" (arr. Carey).

9.0 : Weather report and station notices.

9.2 : Selection—Super Cinema Orchestra, (a) "Babylonian Nights" (Zamecnik); (b) "In The Sudan" (Sebek) (H.M.V. C1824).

9.10: Tenor—Mr. D. Lyons, "When Shadows Gather" (Marshall).

9.14: Xylophone—Mr. W. J. Sinton, (a) "Mosquitos' Parade" (arr. Pettitt); (b) "Last Rose of Summer" (Moore).

9.19: Soprano—Miss Tui Salt, (a) "Going Up" (Hirsch); (b) "When Your Hair Has Turned To Silver" (De Rose).

9.25: Ventriloquial Humour—Mr. H. McL. Eggers, "Comedy Sketches."

9.31: Duet—Queenie and David Kaili, "Keep a Song in Your Heart."

9.34: Baritone—Mr. Noel H. North, "Hilltops" (Del Riego).

9.38: Accordion—Mr. Ted Heaney, "Popular Selections" (arr. Heaney).

9.43: Contralto—Miss M. Fenton, (a) "Song of the Little Folk" (Coates); (b) "Going Home" (Dvorak).

9.49: Musical saw—Mr. W. Carey, "Old Time Songs" (arr. Carey).

9.57: Patrol—H.M. Coldstream Guards Band, "Britain's First Line."

10.1 : God save the King.

Saturday, November 7

IYA, AUCKLAND (875 KILOCYCLES)—SATURDAY, NOVEMBER 7.

3.0 : Chimes. Selected recordings.

3.15: Literary selection.

4.30: Sports results.

5.0 : Children's session, conducted by Cinderella.

6.0 : Dinner music session (Polydor and Parlophone)—

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

Ilya Livschakoff's Orchestra, "Fiddler, Where Is Your Home?"

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

Paul Godwin's Orchestra, "Marche Grotesque" (Sinding) (22900).

Ilya Livschakoff's Dance Orchestra, "Roses of the South" (Strauss).

Organ—H. Wood, "Songs My Mother Taught Me" (Dvorak) (23304).

Orchestra Mascotte, "Amoureuse" Waltz (Berger) (A3125).

Paul Godwin's Orchestra, "The Clock and The Dresden Figures."

Ilya Livschakoff's Orchestra, "Hungarian Medley" (Leopold).

Vienna Schrammel Quartet, "Silk and Velvet" (Ziehrer) (21919).

Paul Godwin's Orchestra, "Joy Bells" (Blauw) (22900).

Organ—H. Wood, (a) "Song Without Words" (Mendelssohn); (b)

"Adagio From L'Arlesienne" (Bizet) (23304).

Ilya Livschakoff's Dance Orchestra, "Blue Danube" (Strauss) (23626).

Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldtenfel).

La Argentina, Castanets with Orchestra, "Dance No. 5" (Granados).

Paul Godwin's Orchestra, "The Cathedral Bells" (Becker) (23568).

7.0 : News and market reports.

8.0 : Chimes. Relay from the Auckland Town Hall of the Municipal Band

Concert. Conductor—Mr. George Buckley.

March—The Band, "The Happy Warriors" (Kahl).

Overture—Band, "Raymond" (Thomas).

Piano—Miss Jean Clarkson, "Hungarian Rhapsody No. 6" (Liszt).

Cornet duet—Messrs. F. Bowes and J. Davies, "Nachtigall and Drossel."

Selection—The Band, "Otello" (Verdi).

Song—Miss Freda Evans, with violin obbligato by Miss Helen Gray, "The Wren" (Benedict).

Selection—The Band, "Scherzo and Finale From 5th Symphony in C Minor" (Beethoven).

Flute—Mr. Hal. C. McLennan, "Sylvia" (Le Thiere).

Morceau—The Band, "Espagnola" (Jungmann).

Violin—Miss H. Gray, "Tziganes No. 1 Op. 14" (Nachez).

Selections—The Band, "The Gondoliers" (Sullivan): Sextette from "Lucia Di Lammermoor" (Donizetti).

Song—Mrs. F. Evans, with violin obbligato by Miss H. Gray, "Ave Maria" (Gounod).

Paraphrase—The Band, "Die Loreley" (Nesbadba); March, "The Men of Mons" (Marechal).

10.0 : Programme of dance music from the Studio (Polydor)—

Foxtrots—Marimba Original Excelsior de Guatemala, "Vamos Al Centro" (Jorga Vasquez) (21903); Ben Berlin's Dance Orchestra, "First The Right Leg" (Kollo) (23394); "A Very Good Chum."

10.9 : Waltz—Ilya Livschakoff's Dance Orchestra, "You've Been My Lucky Star" (Stolz) (23400).

Foxtrots—Ben Berlin's Dance Orchestra, "Just You" (Nelson) (23394); Paul Godwin's Dance Orchestra, "Both You And Myself."

10.18: Vocal—Jack O'Hagan, "Rambling Down The Roadway" (O'Hagan).

10.21: Tangos—Jose M. Lucchesi and His South American Orchestra, "Alla Va El Caldo" (Pippo Rache) (22060); "La Voz Del Viento" (Lucchesi) (22059); "Amargura" (Lucchesi) (22060).

Waltz—Paul Godwin's Dance Orchestra, "Goodbye" (Spoliansky).

10.30: Foxtrots—Ben Berlin's Dance Orchestra, "To Begin With a Big Question Mark" (Heymann) (23533); "Hallo Sweet Lady" (Heymann) (23534); "My Heart Is Longing For You" (Heymann) (23533).

10.39: Vocal—Jack O'Hagan, "With My Guitar And You" (Harris).

10.42: Tangos—Marimba Original Excelsior de Guatemala, "Nubes De Humo" (21905); Ilya Livschakoff's Dance Orchestra, "The Tale of Good Fortune" (Stolz); Jose M. Lucchesi and His South American Orchestra, "Soledad" (Coppola) (22076).

10.51: Foxtrots—Marimba Original Excelsior de Guatemala, "Bomberos" (21903); "Mi Perrito" (Pearly Chagnon) (21905).

11.0 : Sporting summary.

11.10: God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SATURDAY, NOVEMBER 7.

- 3.0 : Chimes. Selected gramophone recordings.
 3.30 and 4.30 : Sporting results.
 5.0 : Children's hour, conducted by Aunt Molly.
 6.0 : Dinner music session (Columbia)—
 Symphony Orchestra, "Poet and Peasant" Overture (Suppe) (05044).
 Garde Republicaine Band, "The Two Pigeons" (Messenger) (02924).
 Johann Strauss and Symphony Orchestra, "Morgen Blatter" (Strauss).
 B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique"
 Selection (Respighi, arr. Coward) (Reg. G80018).
 Plaza Theatre Orchestra, "Pearl o' Mine" (Fletcher) (01638).
 Ketelbey's Concert Orchestra, "In a Fairy Realm" Suite (Ketelbey):
 (a) The Moonlit Glade, (b) The Queen Fairy Dances, (c) The
 Gnomes' March (02694-5).
 Garde Republicaine Band, "The Two Pigeons" (Messenger) (02925).
 Johann Strauss and Symphony Orchestra, "Blue Danube Waltz" (9218).
 Ketelbey's Concert Orchestra, "Bells Across the Meadows" (02695).
 Plaza Theatre Orchestra, "Bal Masque—Valse Caprice" (01638).
 7.0 : News, market reports and sports results.
 7.40 : Lecturette—Mr. J. W. Fergie, "Romance of the Main Trunk Railway."
 8.0 : Chimes. Overture—2YA Salon Orchestra (Conductor, Mr. M. T.
 Dixon), "Highland Laddies" (arr. Seredy).
 8.1 : Elocution—Mr. George Stark, "Halloween" (Burns). Baritone,
 "Green Grow the Rashens O" (trdtl.).
 8.14 : Bagpipes—Pipe-Major Fraser, "Scottish Medley" (arr. Fraser).
 8.19 : Humour—Mr. Owen Pritchard, "Wear Your Tam O'Shanter" (Trevor).
 8.25 : Suite—2YA Salon Orchestra, "Celtic Suite" (Foulds).
 8.35 : Soprano—Miss Greta Stark, (a) "Scottish Blue Bells" (Barker); (b)
 "Caller O'u" (Gray).
 8.41 : Band—Grenadier Guards Band, "The Thistle" Selection (Col. 9102).
 8.49 : Tenor—Mr. Will Hancock, "Mary Morrison" (arr. Lees).
 8.53 : Paraphrase—2YA Salon Orchestra, "Blue Bells of Scotland" (arr.
 Langey); "London Scottish" (Haines).
 9.2 : Weather report and station notices.
 9.4 : Duet—Mr. and Mrs. G. Stark, "The Crookit Bawbee" (arr. Anderson).
 9.8 : Piano—Mr. James Haydock, "Balmoral" (Jules de Sival).
 9.14 : Contralto—Mrs. Ray Kemp, with orchestral accompaniment, "Ma Ain
 Folk" (Lemon).
 Quartet—The Etude, "Rowan Tree" (arr. Lambeth).
 9.20 : Dance—2YA Salon Orchestra, "Celtic Dance" (Bullard).
 Piano and strings—Mr. M. T. Dixon and orchestra, "Scottish Tunes."
 9.30 : Humour—Mr. Owen Pritchard, "Just a Wee Doch and Doris" (Lander).
 9.36 : Violin—Yehudi Menuhin, "Scottish Pastorale" (Saenger) (H.M.V.).
 9.40 : Baritone—Mr. Ray Kemp, (a) "Macgregors' Gathering" (Lee); (b)
 "O Willie Brewed a Peck o' Maut" (trdtl.).
 9.46 : Bagpipes—Pipe-Major Fraser, "Scottish Medley" (arr. Fraser).
 9.51 : Soprano—Mrs. G. Stark, (a) "Cam Ye By Athole" (trdtl.); (b) "The
 Wee Hoose 'Mang the Heather" (Elton and Lauder).
 9.57 : Baritone—Mr. George Stark, with orchestral accompaniment, "Auld
 Lang Syne" (trdtl.).
 10.0 : Dance music programme (Polydor)—
 Foxtrots—Ilja Livschakoff's Dance Orchestra, "And Swiftly the Days
 Pass By" (arr. Benedict) (23482); "The Gipsy Princess" (Kalman)
 (23610); "Munich Kiddy" (Stolz) (23401).
 10.9 : Waltz—Ilja Livschakoff's Dance Orchestra, "My Love Song Must be
 a Waltz" (Stolz) (23649).
 Foxtrots—Paul Godwin's Dance Orchestra, "Say That You Love Me"
 (Uher) (23650); Ilja Livschakoff's Dance Orchestra, "The Whole
 World is Sky Blue" (Stolz) (23649).
 10.18 : Vocal (Spanish)—Juan Llossas with His South American Orchestra,
 "La Cigarra" (Paredes) (P40488).
 10.21 : Tangos—Ilja Livschakoff's Dance Orchestra, "Don't Leave Me!" (arr.
 Benedict) (23482); "To-night I've Dreamt of You" (Kalman)
 (23610); "You Are My Morning and Night Prayer" (Krauss).
 10.30 : Waltz—Paul Godwin's Dance Orchestra, "Under the Roofs of Paris."
 Foxtrots—Paul Godwin's Dance Orchestra, "Fair Little Daisy" (Willi
 Kollo) (23651); Ilja Livschakoff's Dance Orchestra, "Love and
 Wine Never Alone" (Krauss) (23569); "The Barrel Organ."
 10.42 : Vocal (Spanish)—Juan Llossas with His South American Orchestra,
 "Sonarse Abandonado" (Paredes) (P40488).
 10.45 : Tangos—Ilja Livschakoff's Dance Orchestra, "A Love-Letter" (arr.
 Michaeloff) (23481); "Just a Bit of Love" (Rosen) (23547); "And
 Once You Too Will Deceive Me" (Stolz) (23578).
 10.54 : Foxtrots—Ilja Livschakoff's Dance Orchestra, "You Are My Greta
 Garbo" (Stolz) (23401); Paul Godwin's Dance Orchestra, "Mar-
 iner's Song" (Uher) (23650).
 11.0 : Sporting summary.
 11.10 : God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SATURDAY, NOV. 7.

- 12.0 : Results of Canterbury Jockey Club's meeting at Riccarton.
 5.0 : Children's hour, conducted by Uncle Alf.
 6.0 : Dinner music session (Parlophone)—
 Berlin State Opera Orchestra, "The Barber of Seville" Overture.
 Edith Lorand's Orchestra, "Minuet" (Boccherini) (A4108).
 Orchestra Mascotte with Edith Lorand, "I'd Like to Kiss the Ladies."
 Grand Symphony Orchestra, "Naila" Ballet Intermezzo (Delibes).
 Edith Lorand's Orchestra, "Toreador and Andalous" (Rubinstein).
 Pavillon Lescant Orchestra, "Drink, Brother, Drink" Waltz (Bendix).

- Grand Symphony Orchestra, "Lustspiel" Overture (Kela Bela).
 Ernest Leggett London Octet, "Operatic Fantasia" (arr. Aldington).
 Opera Comique Orchestra, "Scenes Pittoresques"—March and Fete
 Boheme (Massenet) (A4057).
 Grand Symphony Orchestra, "Suite Orientale" (Popy): (1) The
 Bajaderes, (2) On the Shores of the Ganges, (3) The Patrol, (4)
 The Dancers (A4155-6).

- Pavillon Lescant Orchestra, "Oh! Miss Greta" (Flossas) (A3150).
 Orchestra Mascotte with Edith Lorand, "Siren Magic" (Waldtenfel)
 7.0 : News and reports.
 7.30 : Sports results.
 8.0 : Chimes. Relay of programme from 4YA, Dunedin.
 10.0 : Dance music session (Polydor)—
 Foxtrots—Paul Godwin's Dance Orchestra, "Dance of the Raindrops"
 (Evans) (23652); Ilja Livschakoff's Dance Orchestra, "The Song
 of My Wife" (arr. Samson) (23480); Paul Godwin's Jazz Sym-
 phonians, "You are the Sweetest Girl in the World" (Heymann).
 10.9 : Waltz—Ilja Livschakoff and His Dance Orchestra, "Beautiful Lady in
 the Moon" (Wiga) (22991).
 Foxtrots—Ben Berlin's Dance Orchestra, "Kiss Me and Then Forget"
 (Schmidt) (23586); Paul Godwin's Dance Orchestra, "Hokus
 Pokus" (German) (23652).
 10.18 : Vocal—Sidney Burchall, "By and By" (Richard Rodgers) (Parlo.).
 10.21 : Tangos—Ilja Livschakoff's Dance Orchestra, "A Little Love Longing"
 (Hollander) (23335); Jose M. Lucchesi and His South American
 Orchestra, "Pesares" (Lucchesi) (22058); Juan Llossas' Original
 Argentin Tango Band, "Warum Charmante Frau" (Bauer) (23118).
 10.30 : Waltz—Paul Godwin's Jazz Symphonians, "Love Waltz" (Heymann).
 Foxtrots—Ilja Livschakoff's Dance Orchestra, "Perfidious Luck"
 (Mackeben) (23335); "I Am Fondly Attached to You" (May)
 (23538); "Would You Give Me the Happiness of One Sweet Hour?"
 10.42 : Vocal—Sidney Burchall, "Here in My Arms" (Richard Rodgers).
 10.45 : Tangos—Ben Berlin's Dance Orchestra, "I Love You" (Schmidt)
 (23586); Ilja Livschakoff's Dance Orchestra, "Come Down, Rosie"
 (May) (23538); Juan Llossas' Original Argentin Tango Band,
 "Astoria" (Sacha) (23118).
 10.54 : Foxtrots—Ilja Livschakoff and His Dance Orchestra, "There's Nothing
 Like Love" (Guttman) (22991); "Troika Drive in the Moon-
 shine" (arr. Benedict) (23480).
 11.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SATURDAY, NOVEMBER 7.

- 3.0 : Selected recordings.
 4.25 : Sporting results.
 4.30 : Sports results.
 5.0 : Children's hour, conducted by Aunt Anita.
 6.0 : Dinner music session (Columbia)—
 Willem Mengelberg and His Concertgebouw Orchestra, "Oberen" Over-
 ture (Weber) (04347/8).
 The International Concert Orchestra, "Luna" Waltz (Lincke).
 J. H. Squire's Celeste Octet, "Peter Pan" Selection (Crook) (02910).
 The International Concert Orchestra, "Love and Spring" Waltz.
 New Queen's Hall Light Orchestra, "The Little Minister" Overture.
 Bournemouth Municipal Orchestra, "Marriage of Figaro" Fandango.
 The International Concert Orchestra, "Just a Kiss" (Kasik).
 J. H. Squire's Chamber Orchestra, "L'Arlesienne Suite" (Bizet): (a)
 Minuet; (b) Intermezzo (02984).
 Willem Mengelberg and His Concertgebouw Orchestra, "Slavonic
 Dance in G Minor" (Dvorak) (04348).
 Bournemouth Municipal Orchestra, "Don Giovanni, Act 1, Minuet."
 International Concert Orchestra, "Spring, Beautiful Spring."
 7.0 : News and reports.
 8.0 : Chimes.
 8.9 : Programme by Dunedin Orphans' Club, "A Night With the Orphans."
 Scene 1, "In an Early English Inn."
 9.0 : Weather report and station notices.
 9.2 : Waltz—Berlin State Opera Orchestra, "My Darling" (Strauss).
 9.10 : Scene 2, "The Orphans at the Club."
 10.0 : Dance session (Parlophone)—
 Foxtrots—Cec. Morrison and His A.B.C. Dance Band, "Hello Beauti-
 ful" (Donaldson) (A3193); "She's a Gorgeous Thing" (Davis)
 (A3201); "There Goes a Horse" (Andrews) (A3193). Barnabas
 Von Geczy and His Orchestra, "The White Horse Inn" (Benatzky).
 10.12 : Waltzes—Barnabas Von Geczy and His Orchestra, "Bitter Sweet"
 (Coward) (A3206). Otto Fritz and His Syncopators, "The Love
 Waltz" (Heymann) (A3231).
 Foxtrot—Tampa Blue Orchestra, "One Little Raindrop" (Richmond).
 10.21 : Vocal—George Sorlie, "Pardon Me, Pretty Baby" (Klages) (A3230).
 10.24 : Waltz—Paul Abraham and His Orchestra, "Signora" (Abraham).
 Foxtrots—The Versatile Four, "The Wedding in the Ark" (Butler)
 (A3197). Otto Fritz and His Syncopators, "You Too" (Stolz)
 (A3208). Arthur Roseberry and His Dance Band, "Tap Your
 Feet" (Brun) (A3197).
 10.36 : Tango—Barnabas Von Geczy and His Orchestra, "Erica, Don't You
 Want a Boy Friend?" (Meisel) (A3196).
 Foxtrots—Barnabas Von Geczy and His Orchestra, "Four Words"
 (Erwin) (A3206). Cec. Morrison and His A.B.C. Dance Band,
 "Sleepy Town Express" (Gillespie) (A3201). Otto Fritz and His
 Syncopators, "You're the One Girl for Me" (Heymann) (A3231).
 10.48 : Vocal—George Sorlie, "You'll Be Mine in Apple Blossom Time."

- 10.51: Waltzes—Barnabas Von Geczy and His Orchestra, "My Song of Love" (Stolz) (A3198). Otto Fritz and His Syncopators, "Just Two Hearts and a Waltz Refrain" (Stolz) (A3208).
 Foxtrot—Tampa Blue Orchestra, "There Ought to Be a Moonlight Saving Time" (Kahal) (A3209).
 11.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SATURDAY, NOV. 7.

- 2.50 to 4.30 p.m. (approx.): Sports relay.
 6.30 to 7.30 p.m.: Children's session
 7.30 to 8.0 p.m.: Sports results and talks.
 8 to 10 p.m.: Concert and dance programme, with sports results.

Sunday, November 8

IYA, AUCKLAND (875 KILOCYCLES)—SUNDAY, NOVEMBER 8.

- 3.0 : Chimes. Selected recordings.
 3.15: Literary selection.
 6.0 : Children's Song Service, conducted by Uncle Leo.
 7.0 : Relay of Service from St. David's Church. Preacher: The Rev. Bower Black. Organist: Mr. E. S. Craston.
 8.30: Selection—New Symphony Orchestra, "Mors Et Vita" (Gounod).
 Soprano—Mrs. Laetitia Parry, with orchestral accompaniment, (a) "Alas, Those Chimes So Sweetly" (from "Maritana") (Wallace); (b) "Angels' Serenade" (Braga).
 Entr'acte music—Salon Orchestra, under the direction of Mr. Harold Baxter, "Rosamunde" (Schubert).
 Tenor—Mr. Arthur H. Ripley, with orchestral accompaniment, "O Vision Entrancing" (Goring Thomas).
 Instrumental trios—The Cherniavsky Trio, (a) "At the Brook" (de Boisdeffre); (b) "Scherzo" (Beethoven) (Col. 0840).
 Evening weather forecast and announcements.
 Recital—Mrs. Zoe Bartley-Baxter, with Orchestra, "A Tale of Old Japan" (Noyes).
 Piano—Benno Moisevitich, "Polonaise in A Flat" (Chopin).
 Selection—Salon Orchestra, "Casse Noisette Suite No. 2."
 Soprano—Mrs. Laetitia Parry, (a) "In a Garden" (Hawley); (b) "If My Thoughts Were Only Winged" (Hahn).
 Fantasia—Marek Weber and His Orchestra, "From Mozart's Treasure Store" (Urbach) (H.M.V. C1900).
 Tenor—Mr. Arthur H. Ripley, (a) "Who is Sylvia" (with violin obbligato) (Schubert); (b) "Mary" (Richardson).
 Waltz—Salon Orchestra, "Wiener Blut" (Strauss).
 9.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, NOVEMBER 8.

- 3.0 : Selected gramophone recordings.
 6.0 : Children's song service, conducted by Uncle George, assisted by the children's choir from the Wellington South Church of Christ.
 7.0 : Relay of evening service from the Trinity Methodist Church, Wellington South. Preacher, Rev. T. W. Vealie; Organist, Miss Lilian Thawley, L.A.B.; Choirmaster, Mr. W. McLellan.
 8.20 (approx.): Concert by the Guild of Music-Makers (Conductor, Mr. John Bishop), assisted by Mr. Keith Grant (baritone), Mr. John Bishop (piano).
 Instrumental—Guild of Music-Makers, "Dances" from "The Fairy Queen" (Purcell).
 Baritone—Mr. Keith Grant, (a) "Don Juan's Serenade" (Tschai-kowsky); (b) "Sons of the Sea" (Coleridge-Taylor).
 Instrumental—Guild of Music-Makers, (a) "Nocturne" (Dvorak); (b) "Serenade" (Warlock); (c) "Larghetto" (Elgar).
 Male chorus—London Male Voice Octet, "The Keys of Heaven" (Col.).

Weather report and station notices.

- Piano—Mr. John Bishop, (a) "Island Spell" (Ireland); (b) "Dreaming" (Richard Strauss); (c) "Scherzino" (Schumann).
 Soprano and chorus—Grand Irmel Choir, "Ora Pro Nobis" (Schubert-Irmel) (Parlo. A5001).
 Instrumental—Guild of Music-Makers, (a) "At An Old Trysting-Place" (MacDowell); (b) "Allegro" (Mozart).
 Baritone—Mr. Keith Grant, (a) "You Lay So Still in the Sunshine," (b) "Thou Hast Bewitched Me, Beloved"; (c) "Thou Art Risen, My Beloved," from Songs of Sun and Shade" (Coleridge-Taylor).
 Male chorus—London Male Voice Octet, "Studies in Imitation" (Col.).
 Suite—Guild of Music-Makers, Dance Suite "St. Paul's" (Holst).
 God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, NOVEMBER 8.

- 2.0 : Special session under the auspices of the "No More War Movement." National songs and recitations will be rendered by members of the Junior Peace League and the following addresses will be delivered: Rev. John A. Allan, M.A., "The League of Nations and World Peace"; Mrs. Councillor McCombs, "Women and World Peace"; Rev. W. Rowe, "The Churches and World Peace"; Mr. C. H. Cole, "Armistice Day and World Peace."
 3.0 : Relay of Diamond Jubilee celebration of Oxford Terrace Baptist Church. Preacher, Dr. J. J. North; Organist, Mr. Melville Lawry; Choir Conductor, Mr. V. C. Peters.
 4.15: Selected recordings.
 5.30: Children's song service by children of Baptist Church Sunday schools.
 6.15: Chimes.
 6.30: Relay of Diamond Jubilee service from Oxford Terrace Baptist Church. Preacher, Dr. J. J. North; Organist, Mr. Melville Lawry; Choir Conductor, Mr. V. C. Peters.
 7.55: Selected recordings.
 8.15: Chimes. March—Philharmonic Orchestra, Berlin, Grand March from "Tannhauser" (Wagner) (Poly. 27185).
 8.19: Tenor—Mr. Ernest Rogers, (a) "The English Rose" (German); (b) "Nirvana" (Adams).
 8.26: Piano and vocal recital—Mr. and Mrs. F. W. Simpson: Pianoforte, (a) "American Indian Rhapsody" (Preston Ware Orem); (b) "Caprice Viennois" (Kreisler). Baritone, (a) "Speed the Plough" (Easthope Martin); (b) "Leaning" (Sterndale Bennett).
 8.47: Three melodies—The Melody Trio, (a) "Jhelum Boat Song"; (b) "Only a Rose"; (c) "Kingfisher Blue" (Woodforde-Finden).
 8.55: Soprano—Miss Frances Hamerton, (a) "Can Ye Sew Cushions?" (Taylor); (b) "The Garden Wind" (Fenner).
 9.1 : Weather, forecast and station notices.
 9.8 : Selection—London Symphony Orchestra, "Komarinskaya" (Glinka).
 9.11: Chorus—The Grand Irmel Choir, "Bridal Chorus" from "Lohengrin".
 9.15: Instrumental—The Melody Trio, (a) "At Dawning"; (b) "By the Land of the Sky-Blue Water" (Cadman).
 9.21: Tenor—Mr. Ernest Rogers, (a) "On Wings of Song" (Mendelssohn); (b) "La Donna E Mobile" (Verdi).
 9.27: Pianoforte and vocal recital by Mr. and Mrs. F. W. Simpson: Piano, (a) "Polonaise"; (b) "Shadow Dance"; (c) "Hungarian Dance" (MacDowell). Baritone, (a) "Sea Fever" (Ireland); (b) "Wanderer's Song" (Rasbach).
 9.42: Two melodies—The Melody Trio, (a) "Minnelied"; (b) "Waltzes."
 9.49: Soprano—Miss Frances Hamerton, (a) "Promise"; (b) "Listening"; (c) "The Angels are Stooping" (Besly).
 9.56: March—Berlin State Opera Orchestra, "Grand March from 'Aida'".
 10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, NOVEMBER 8.

- 3.0 : Selected recordings.
 5.30: Children's song service, conducted by Big Brother Bill.
 6.15: Instrumental recordings.
 6.30: Relay of evening service from St. Paul's Anglican Cathedral. Preacher, Canon E. R. Nevill; Organist, E. H. Heywood, F.R.C.O.
 7.45: Selected recordings.
 8.15: Relay of concert programme from 3YA, Christchurch.
 10.0 : God save the King.

2YB, NEW PLYMOUTH (1230 KILOCYCLES)—SUNDAY, NOV. 8.

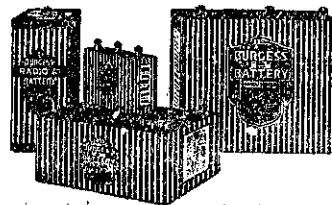
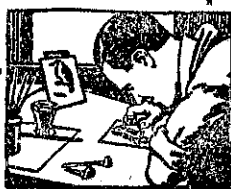
- 6.0 to 6.45: Children's Sunday service.
 8.15 to 10.0 p.m.: Concert programme.

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**BURGESS
 RADIO
 BATTERIES**

Questions and Answers

(Continued from page 16.)

volts 3, filament voltage 4. A.C.P.I., impedance 2000, amplification factor 5, filament current 1 amp., mutual conductance 2.5, anode current at 120 volts 25 mls., grid-bias at 150 volts 35.

2. Do you know anything about the Cosmos power pack?—No.

3. What would you consider to be a satisfactory former wound on a 1½ in. former to match UY224?

A.: 40 to 50 turns of 34 gauge B. and S.

DIX (Mataura).—In referring to back correspondence for replies, please repeat your question and our answer, as we cannot keep them all in mind, and hunting through back numbers of the "R.R." takes time. Your trouble still appears to be due to neutralisation, a loose connection or a defective valve, particularly the detector.

1. My aerial is 32 feet at one end with a 40ft. lead-in; 80 feet passes over a tree 20 feet high. Is the aerial affected?

A.: An aerial is much better if kept away from trees, etc. In this case it would be better to get your aerial higher.

ELECTRON (Banks Peninsula): Could the stage of s.g. described in the "R.R." for the H.R. be applied in the same way for the B.D. Four?—Yes.

2. What "C" batteries should be used in the r.f. and last audio stages of the B.D., using B605 as power valve?

A.: With 135 volts on the plate B605 requires about 15 volts. A valve in the r.f. stages rarely requires more than 1½ volts.

SCOTTY (Auckland).—See our notice below concerning the Super Six.

The Super Six

WE regret that the constructional details of the Super Six will be held over for some time owing to the Post and Telegraph Department not granting permission to publish details owing to the set radiating. Certain changes must be made in the circuit, and when passed we shall waste no time in describing it. Our next receiver is the "Eagle Five," an economical, powerful battery set. The all-wave a.c. "Cathode Super" will commence in our issue dated November 20.

FOR SALE OR EXCHANGE

The rate for small advertisements under this heading is 1/6 cash for 10 words, and twopence for every other word thereafter.

FOR SALE: Drake's Radio Cyclopaedia, latest edition; cheap; perfect condition; value 36/6. What offers? Write "Drake," C/o "Radio Record."

GOOD JOBS FOR RADIO EXPERTS!

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The International Correspondence Schools (N.Z.), Ltd.,
1822 WAKEFIELD ST., WELLINGTON.

Germany Pays Her Pound of Flesh

(Continued from page 6.)

The conduct of the French in the occupied territory has also much embittered feeling in Germany. Their uncivilised black soldiers were put in control of the local inhabitants. Their presence was an insult, as it was intended so to be. Into nauseating details of the conduct of the black troops I cannot go now. I might go on multiplying cases of the harsh treatment of Germany, but time will not permit. One other only must be mentioned. Beyond and above all these already referred to has been the slow starvation of Germany. In the first place by the cruel and unjustifiable blockade after the Armistice, when three-quarters of a million of Germans—mostly women and children—lost their lives. Up till 1924 or 1925 starvation was common throughout Germany, and tens of thousands of those who did not die were physically ruined for life by rickets and other wasting deficiency diseases. Again, during the last three years there has been much food insufficiency; 15 millions, as we have already seen, are unemployed, and of the middle classes particularly other millions are destitute and famine-ridden. The whole condition of the country at the present moment is catastrophic.

The pity of it all is that immediately after the war Germany, chastened and reformed, was only too anxious to conform to all that was fair and reasonable, and had it received just treatment the whole world, including Germany, would have been more prosperous now, but the ill-treatment she has received has stirred up in her again the worst of nationalistic prejudices. These are represented by what is perhaps the most dangerous movement in Germany, the Nationalist Socialists, often called the Nazis, or from their leader Hitlerites.

These are strongly anti-Jewish and would deprive all Jews of citizenship and property; they are bitter against the Treaty of Versailles, which they would denounce; they are against the present Government of Germany and are really revolutionary Fascists, who are anxious for a dictatorship in Germany resembling that of Italy.

Hitler.

AT the head of the Nazis is Hitler. His past is obscure, but he is an Austrian and has been a house painter. In 1923 Hitler and Ludendorff staged a revolt in Bavaria, but nothing came of it. Hitler was sentenced to five years in a fortress, and Ludendorff was reduced to foaming impotence. Powerful influence enabled Hitler to get off with a few months' sentence, and now he attacks the Government on more constitutional lines, but so complicated is the position that in the German election a year ago there were 24 parties, with 24 programmes, and 24 lists of candidates. However, the number of Fascists in the Reichstag was raised from 12 to 107, the number of Communists from 56 to 76, the total number of members being somewhat over 400. After attending the House for a short time the Hitlerites withdrew in disgust, and attempted to raise huge meetings of protest over the country.

Revolution.

IT may be asked why the Hitlerites have not already raised a revolution in Germany. Probably the reason is they know that even if successful they could not carry on without foreign credits, and they further know that they could not under present circumstances get these credits. Hitler's headquarters are at Munich.

The other dangerous revolutionary party is the Communist, with its headquarters in Berlin, where at the last election they polled some 400,000 votes. This party is purely Marxian and desires to imitate the Soviets of Russia; but though wild and fiery in its language, it has so far scarcely shown a disposition to attack by force. Other parties can all be arranged under three heads—the Catholic, the Nationalist or Conservative, and the Socialist. These are subdivided in many ways, but the Social Democrats (Liberals) hold the balance of power. Now Germany has about 100,000 soldiers legally recognised by treaty, but all the various parties maintain and drill troops—sometimes in defiance of the Government, and sometimes with its tacit consent. These troops are nominally unarmed, though they may have a few machine-guns and rifles stowed away—Germany to-day consists indeed of a series of organised and uniformed camps ("Nation," January 14, 1931). There are nearly one million men in the Stahlhelm, the reactionary old militaristic veterans' organisation; there are about three and a half million men in the Reichsbanner, the supporters of the present Republic Government. There are at least half a million brown-shirted Hitlerites, and possibly 300,000 in the secret Red Front or Communist organisations.

Secret Organisations.

IT is said that the police have the situation well in hand, but how can a country be at peace when full of such more or less secret organisations? Not

a day goes by but some of the men in these groups are killed or wounded, not a day on which some of their meetings are not broken up by force.

Yet on the whole outwardly Germany is quiet and enduring all her troubles with a magnanimous spirit. The police, or "Schupos," are spotlessly uniformed men and well equipped. Night after night they are called upon to do extra and hazardous duty, and their self-restraint is wonderful. Still, they have orders to be savage when they disperse a crowd, as no other policy will make possible the maintenance of order and the safety of the republic. The Communists at present seem to be less aggressive than some of the other groups. A keen observer says (O.S.V.): "I have been to some of their meetings only to be shocked by the signs of want, fatigue and hunger, the poor clothes, the utterly pallid faces, and the plain evidences of a desperate struggle for life, with much resultant premature ageing."

Behind all this, of course, is the terrible economic depression—crushing the life out of all. The Chancellor, Herr Brüning, bravely stands up to the ordeal before him, and there are not wanting the signs that the extremist parties are wavering in their demands and becoming weaker; while the Government keeps on compromising, "fighting against time in the forlorn hope that sooner or later there will come industrial improvement; and hoping that no untoward incident in the Polish corridor or elsewhere will set the country in a blaze. The Treaty of Versailles was accepted by the Germans as the only alternative to complete starvation; yet starvation still reigns, and no one knows when it will drive the population into madness." He would be a fool indeed who denied that wherever one scans the horizon, the outlook in Germany is of the darkest. If Germany falls into chaos she will drag other nations with her, and Europe may be plunged into anarchy. Still the international horizon is not without some gleams of light.

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Edison in train telegraphy, an offer which was gleefully accepted. Edison had now developed a sturdy physique and uncommon powers of endurance which characterised his life in after years. He abandoned newspaper selling, and devoted as much as 18 hours a day to telegraphy. In four months the stationmaster found that his young pupil was a most efficient telegraphist, and had also become skilled in the electric science of telegraphy. Then for six years Edison followed the calling of a telegraphist. His first important position was that of a night operator on the Grand Trunk railway at Stratford Junction, Ontario, Canada. Edison was then only 16 years of age. His first invention was to cover up the fact that he had snatched sleep during the long still hours of the night, for he spent the greater part of the day in research work. He was required to send a telegraph signal to the train dispatcher's office each hour as proof that he was awake. Edison fastened a notched wheel to a clock, which at each hour automatically sent the necessary signal. The trick was eventually unmasked, and Edison was severely reprimanded.

As an operator Edison was described as having no superiors and very few equals. Robert Underwood Johnson, afterwards Ambassador to Italy, states that when a youthful telegraph operator he used to listen-in to lightning-like rapidity of the telegraphy of a certain operator at Indianapolis named Edison. Edison was also a lightning reader, and possessed the faculty of absorbing everything he read. He was always experimenting with batteries and inventing devices for making the work of telegraphy less arduous. One night he accidentally upset a jar of sulphuric acid which leaked into the manager's office below and ruined the desk and carpet. Next day he was dismissed. Edison soon got another position, and continued experimenting, so that with his work as a telegraph operator and experimenting, his activity totalled 18 to 20 hours a day. He would use all his spare money in books, apparatus, and chemicals.

Edison eventually invented and patented a vote-recorder, which he took to a committee at Washington, but, although the thing worked admirably, it did not suit the House of Representatives.

Next, he invented a stock exchange ticker, and instituted a stock-ticker service with 40 subscribers. It must be explained that the stock-ticker system comprises a central sending apparatus to which the receiving apparatus in each subscriber's office is connected by telegraph wires. The quotations of stocks and shares are sent from the central apparatus simultaneously to all subscribers. The system was in operation when the writer was in New York about 30 years ago. A paper tape runs out of the receiving apparatus, on which is automatically type-written the stock quotations. The

writer saw the system applied to a ringside description of a boxing contest in New York at night-time, long before broadcasting was thought of.

Edison endeavoured to sell his ticker in New York, but he was unsuccessful. He followed this with an alphabet dial for direct telegraphy from one business house to another. It was a complete success, and he decided to make his living by inventing.

Edison went to New York and landed there without sufficient cash to buy his breakfast. He met an out-of-work friend who gave him a dollar, and young Edison had a hearty meal. He managed to obtain permission to sleep that night in the battery room of the Gold-Indicator. The gold indicator was a kind of electrical indicator conveying the news to several stockbrokers' offices containing the transactions in gold in the Wall Street Gold Exchange. There were some three hundred subscribers. On the third day the mechanism of the machinery went wrong. The manager was feverishly excited, and the superintendent of the apparatus also got "rattled." Edison quietly stepped up to the instrument and saw that a contact spring had snapped and fallen between two gear wheels. He undertook to put the machine right, and in a few minutes it was ready to continue operation. Edison was then offered the job of manager of the whole plant, which he promptly accepted. He introduced several improvements into the system. The young inventor was then only 22 years of age.

Edison next went into partnership with Franklin L. Pope, a young telegraph engineer, and they were subsequently joined by J. N. Ashley, publisher of "The Telegrapher," as electrical engineers. A "gold printer" for recording stock exchange quotations was invented by Pope and Edison. They also installed private telegraph lines for brokers and merchants. They sold their business, and Edison applied himself successfully to developing several inventions for stock tickers for which patents were granted. These resulted in the perfection of the Edison Universal printer which created a good demand. He sold this invention for what to him was a staggering sum—40 thousand dollars (£8000).

His energies were next directed toward starting a factory in Newark, New Jersey, for making stock exchange tickers and parts. He employed 50 men, and soon added a night shift. Edison was his own foreman and was practically on duty the whole 24 hours. This amazing man would snatch only half an hour's sleep upon a work-bench three or four times during the twenty-four hours. Up to 1902, Edison stated, his average day's work had been 19½ hours, but after that, he confessed, he had slackened down to only 18 hours a day!

America's Greatest Inventor

(Continued from Page 3.)

During 1870-71 Edison opened a couple of more workshops in Newark, N.J. Once, Edison had no fewer than 45 of his inventions being developed in his workshops. He improved the Automatic Telegraph Co.'s system between New York and Washington, and made that system a commercial possibility, the instruments transmitting and recording 1000 words a minute. On a line connecting New York and Philadelphia he made it possible to run 3500 words a minute. Next he made it practicable to send, and print at the receiving end 3000 words a minute in Roman letters, instead of Morse code. Then he invent-



BETTY HILLIARD.

Mezzo-contralto, who appears regularly from 3YA. On November 6 she will present several songs, accompanied by the Studio Octet.
—Steffano Webb, photo.

ed duplex telegraphy, sending two messages simultaneously in the same direction. Then came his quadruplex telegraphy. Edison next patented a new system of call-boxes for district-messenger service and organising a company to exploit it he sold out to the Atlantic and Pacific Telegraph Co.

Striking out in a new direction, Edison invented the apparatus for preparing a stencil for writing duplicates, called a mimeograph, now much used for typewriting stencil work. He assisted Christopher L. Sholes in perfecting a typewriter which was subsequently purchased and issued by the Remington Co.

The telephone, in a crude, unsatisfactory form, was invented and patented in 1876. Edison took it in hand and perfected it. He followed this by inventing the electro-motograph for telegraphy, which he adapted afterwards to his "loudspeaking telephone."

A wonderfully sensitive detector of minute changes in temperature, called the tasimeter, was invented, but not patented, by Edison. In 1877 Edison invented what he regarded to the last as his best invention—the phonograph. Primitive though it was, with its many defects, the first phonograph created a wonderful stir. It was exhibited far

and wide, and brought in large sums for Edison, in royalties. A small book could be written about Edison's invention and work on the phonograph. After several months the craze about the phonograph subsided, and Edison put the invention aside for later consideration. In 1887 he hauled it out of the cupboard, and set about remedying its defects. Up to 1893 he had taken out 65 patents for the phonograph, and up to 1910 his phonograph patents totalled over a hundred. The phonograph now took a new lease of life, and success crowned the inventor's efforts. So deaf was Edison that he could not hear a sound from a phonograph three feet away from the machine. But he merely placed his head against the machine and the sound vibrations immediately became audible. If some very faint sound was to be detected Edison would grip the wood of the machine with his teeth. This wonderful man, handicapped almost hopelessly by deafness, produced an epoch-marking musical and speech-reproducing machine. What a living paradox!

The story of Edison's invention of the familiar household electric globe is a veritable epic. This was achieved in 1879, after over 13 months passed in experiments at a cost of about £9000. To afford some idea of the colossal amount of experimentation carried out by Edison, scores of various materials were tested with a view to obtaining a suitable element for the illuminating filament; then he thought of bamboo or other plant fibre as the most suitable substance for carbonisation into a filament. About 6000 distinct species of plants, mainly bamboo, the search for which cost about £20,000, were tested. Men were sent far abroad, and ultimately a certain species of bamboo was discovered in Japan which when tested came up to requirements, and for upwards of 15 years carbonised bamboo was in general use as the filament for electric lights. Eventually bamboo was supplanted by metal tantalum, and then tungsten—for universal use.

Edison's next success was an improved electric dynamo which was 90 per cent. efficient. In addition to various patents in connection with the electric lighting system, Edison devised the feeder-and-main method.

In 1880, Sarah Bernhardt, the world-famed actress, visited Edison's private workshop, laboratory, and electric lighting plant at Menlo. The "Divine Sarah" said of Edison: "I looked at this man of medium size, with rather a large head, and I thought of Napoleon I. There is certainly a great physical resemblance between these two men, and I am sure that one compartment of their brain would be found identical. Of course I do not compare their genius. The one was 'destructive' and the other 'creative'."

In 1881 Edison sent an exhibit of his lighting inventions to the international exposition at Paris. For this display he was awarded a diploma and received the decoration of an officer of the Legion of Honour.

Edison's difficulty in establishing the general popularity of electric lighting is epitomised in a remark he passed in a newspaper interview in 1923, when he said: "You know it takes from seven to 40 years to put an idea over on the public. Even a self-evident proposition requires about ten years."

In 1884 Edison's first wife died, and in 1886 he married Miss Mina Miller, daughter of Lewis Miller, one of the

YOU CAN'T BUY A BETTER VALVE THAN

Mullard
THE MASTER VALVE

originators of the Chautauqua movement.

The motion picture which now entertains countless thousands daily owes its origin to Edison's genius. In 1889 he invented the first motion-picture, and called it the kinetograph. The story of this invention would fill a volume.

Other of Edison's inventions include a concentrating plant for separating iron concentrate from black sand, machinery specially adapted to the production of cement, a nickel-iron storage battery, the kinetophone (talking motion-picture), telescribe (by which telephone talk could be recorded), the transophone (device to be used by a typiste for spacing back a dictaphone in order to repeat certain words), Sims-Edison torpedo, and many others.

In January, 1917, at the request of the United States Secretary of Navy Daniels, Edison applied himself to inventions designed to be of service to the United States during the Great War. Edison invented the following: Listening device for detecting submarines, method for quick turning of ships, strategic maps for saving cargo boats from submarines, collision mats, plan for taking merchant ships out of mined harbours, scheme for camouflaging cargo boats and burning anthracite coal, plan for coast patrol by submarine buoys, small depth bombs for taking soundings, sailing lights for convoys, plan for smudging sky-line, plan for obstructing torpedoes by nets, underwater searchlight, oleum "cloud" shell, high-speed signalling shutter for use with searchlight, water-penetrating projectile, method of observing periscopes in silhouette, steamship decoy, device for reducing rolling of warships, method of obtaining nitrogen from air, method of stabilising submerged submarines, induction balance for submarine detection, device for protecting observers from smokestack gas, hydrogen detector for submarines, turbine head for projectiles, scheme for mining Zeebrugge harbour, mirror-reflection signal system, device for look-out men, oleum shell for "blinding" submarines, method of extinguishing fires in coal-bunkers, device for "finding" enemy aeroplanes, apparatus for sound-ranging, telephone system for ships, extension ladder for "spotting" top, reacting shell, night glass, oil for smudging periscopes, attachment for keeping range finders free from spray, means for preserving submarine and other guns from rust. Most of these were used by the United States Navy.

From 1869 to 1910, Edison applied for no fewer than 1328 distinct patents. One of his most notable achievements was the electric locomotive, in 1880 which laid the foundation for present day electric street traction.

Edison had a rooted objection to making speeches, but he was induced to deliver his first broadcast on May 19, 1926, during a convention at Atlantic City, New Jersey. All he said was, "Why, I don't know what to say. This is the first time I ever spoke into one of these things. Good-night." Yet he always chatted affably with reporters.

Edison acquired wealth, but not a fraction of what others with his gifts would have gained. He possessed an inventive genius, and that was his driving force—not the desire for riches. Money was an incidental with him, not an objective. A wondrous intellect has passed; all the world is poorer by the death of THOMAS ALVA EDISON.

"The Doge of Venice" N.Z. Short-wave Club

Notes

(Continued from Page 1.)

Lioni in the night to tell him of the treason afoot on condition that the safety of he and his family is ensured. Lioni, girding on his sword belt, rushed to the mansion of Conaro and the two assemble the Senators in the Convent of St. Saviour's about two hours before dawn. The guard is called out and companies sent to the Ducal Palace and to the Piazza. "Captain," exhorted the First Senator, "that Great Bell must not ring. Now go and make haste."

The Doge is pacing his apartment waiting for the first spears of dawn. "In a few minutes more," he soliloquized, "the sun will rise upon this Venice here. The world has never yet beheld such sights as dawn will show to-day. . . . Too old am I to revenge their insults? Why, even now the Reaper death is standing beside each one of them.—It's growing lighter, lighter still.—No summons from the bell; no sound in the streets."

Bertruccio bursts in and tells the Doge the soldiers are in the streets and that there is no avenue of escape.

An insistent knocking on the door and comes the ringing voice of the Captain of the Guard, "Open by order of the Signory. Are you Marino Fallero, the Doge of Venice?"

"That is my name and that is my title," replies the Doge. "I am prepared. In truth, I welcome death. It's fated so."

Bertruccio and Calandro are not proof against the tortures of the rack and confess everything in the presence of the august Giunta of Venice.

The Giunta, after lengthy deliberations conducted with befitting dignity, agree that the Doge, stripped of his ducal robes, should be executed upon the Giants' Steps where the Doges were invested. The space where his portrait hung in the hall was to be left vacant, draped in black. "The blackened space," the Giunta stated, "depicts oblivion, deep dark oblivion, and complete forgetfulness of the man who was once a Doge and who proved himself a traitor too."

The majestic prisoner upon being asked if he has any explanation to offer the Honourable Giunta replies: "I am prepared, and I have no explanation to give this Honourable Giunta—none." (A subdued tapping is heard as the curtains are draped in place.)

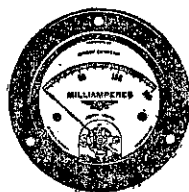
In sonorous tone is the sentence pronounced. "Marino Fallero, it is decreed by your honourable peers in this State that at sunrise to-morrow morning you will be led out to your death. You will be beheaded upon the Giants' Steps. Your fate is sad and bitterly degrading. Even so, we, the nobility of Venice, have no pity for you. We pray that Venice may forget, and quickly too, she ever had as Doge so traitorous a friend. Commend your soul to God on high." (Slow and sedate steps recede in the distance and the tapping ceases.)

A greeting from Conaro in his gondola to Lioni is wafted through the air and heard faintly in the macabre hall.

NZ91W, Mr. B. F. Hunter, will act as representative at the Wairarapa A. and P. Show this week, and, with a public address system at the Wairarapa Radio and Electrical Company's stand, will enlighten visitors as to our aims and objects.

Mr. Roy Clarke, ZL2AW, is visiting ZL2BE and other members, en route to Hastings, and is doing a little recruiting on his way. A number of members who are visiting other districts have obtained lists of addresses so, with the subscriptions being lowered for the remainder of the year it looks as though there is a trade revival.

A member sent me down a paper and some literature from Saigon printed in French. One member of the staff was reading it upside down, but I gather that one can become a membre d'honneur for 1000 piastres.



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"EXPORTER" COMPETITION No. 1A

£25 MUST BE WON!

First Prize - £20

Second Prize 40 2/6 Art Union

Tickets in First Aid Art Union

40 chances of winning £2000 for one shilling

OR ALTERNATIVELY £5 CASH IF DESIRED.

From the list of well-known Motor Cars mentioned below, how many names can you make from the following sixty-four letters?

AABBBCDDDEEEEEEEFGHHHIIKKLLMNN
OOOOOPPPRRRRRRSSSTTTTUUUUUVVXXY

SELECT ONLY FROM THE FOLLOWING:—Chevrolet, De Soto, Sunbeam, Pontiac, Triumph, Essex, Hudson, Buick, Chrysler, Ford, Rugby, Rolls Royce, Studebaker, Austin, Oakland, Wolseley, Plymouth, Rover, Singer, Morris.

RULES AND CONDITIONS

This skill competition is simply: How many of the names of the above cars can you make from the 64 letters? Each letter can be used ONCE ONLY. Cross each letter off as you use it. Prizes will be awarded on points, ten points for each name found. First prize of £20 to person finding the greatest number of names. Second prize of 40 Art Union Tickets to person finding next greatest number of names. In the event of a tie, prize moneys will be divided. The prize money is held by the Proprietors of this paper in Wellington, who will post prizes to winners on 18th November.

This is the first of a series of fascinating and simple competitions, and you all have the same opportunity of winning the big prize, as only one entry is necessary from each person. SEND IN YOUR ENTRY TO-DAY, as this is a quick-closing competition. The Judge's published decision is final and binding. Do not worry if you have letters left over. Remember, it is the number of names found that count.

NOTE.—Each Competition is separate and distinct as regards prize money and entry fee. The money must be won. Who better than you to win it?

Results and prize-winners' names and addresses will be published in full in the "Radio Record" on November 27.

TO SEND ENTRIES:—Write list of names found: State top right-hand corner points scored. Sign name and address bottom of entry. Enclose postal note for 1/- (stamps only if postal notes absolutely unobtainable), and post no later than 5.30 p.m., Wednesday, November 11, 1931, to "EXPORTER" COMPETITION NO. 1A, P.O. Box 22, CHRISTCHURCH. People in isolated districts must post entries two days earlier.

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Trilby or Naughty Nell?

WOMEN have the option of appearing at night dressed like Nell Gwyn or Trilby. The Nell Gwyn dresses have off-the-shoulder bodices, which, incidentally, are boned, and puff sleeves. The effect of these, together with the padded hips, is to make modern women look very slender. The gowns are also extremely youthful-looking. Taffetas and velvets are used for these dresses of the Charles II period. The taffetas are very heavy, and are embroidered in old designs. "The Nell Gwyn modes suit the modern figure," said the dress designer who is launching these fashions. "The silhouette is very charming, and the antique look of the material is most attractive." For those who prefer the Du Maurier styles, there are Trilby dresses of very modern line, and low-back décolletés, showing the frilled train that was a great feature of that period.

The Inky Way.

IN future specialised training will be more important. Some women have entered journalism by securing posts as juniors on provincial papers (incidentally, some of the most interesting posts are to be found in provincial journalism). Others have secured secretarial posts in editorial offices, and one or two have fought their way on to the staffs of news agencies and daily papers, perhaps working as first on "space," that is to say, being commissioned to do odd jobs without being on the regular staff. In theory, freelance journalism is the ideal profession. You work when you like and how you like, but this very lack of discipline is a handicap which prevents many folk succeeding. You may establish yourself as a free-lance journalist without some of the buffetings experienced by the ordinary journalist, but continual study and hard work are essential to success. Journalism can provide a girl with a very pleasant occupation, though not often with an easy one.

Alas, Those Brooms.

THE "mere man" will soon become dejected over that annual event in the domestic calendar—the spring cleaning. He foresees the comfortless time approaching when his desk and particular sanctum will be cleaned and tidied up, when his old clothes will be missing, and other debris which he loves disappears into the dustbin. He usually entertains a mistaken belief that his womenfolk delight in cleaning paint, turning out book-cases, taking down pictures, and "all that sort of thing." They do not. Spring cleaning has driven women to suicide, but some housewives make less trouble of it than others. Some leave it over until fires can be entirely dispensed with, and then rush at it to the point of frenzy. Not so much can be done until the weather permits of open doors and windows, but, by planning and doing whatever is possible beforehand, the annual upheaval need not be the terror it is in numberless households.

Call Her Caroline.

THE stately old-fashioned names that seem so English are coming back into favour again. The Pamelas and Joans that had such a vogue two or three years ago are out of date now. Felicia, Serena, Sarah, Caroline, Jane, and Ann are among the names with a quaint Old World ring which young Mayfair mothers are choosing.



So Inconsistent!

THUS muses an Adam of 1931: It has always been a puzzle to know why "advanced" women, who are forever talking of the rights of their sex, should steal shirts, collars, and ties from men, and complete their toilet by a visit to the barber so that they may look as much like the male as possible.

meet somewhere between their differing costumes of to-day. We meet at the extremities already—bowler hats and shoes, but there is still much to do. The march of progress will doubtless continue until women have reached the height of efficiency with the most masculine clothes. Then they will probably start a dress reform party.

Gardens in Twilight.

THERE are no scents so tearful, so grievous, as the scents of valley-lilies and narcissi clustered ghostly by the dark garden hedge, and white lilac, freighted with old dreams, and pansies, faintly reminiscent of mysterious lost ecstasy.—Mary Webb.

The Sensible Sex.

SPEAKING of severely tailored garments affected by some women, an English writer says:—I discussed this question with a woman of 25 who holds an important post in a city office. She habitually wears a trim tailored suit, soft collar and tie, flat-heeled plain shoes, and a soft felt hat of very masculine shape. She loves pretty clothes, but she told me that she gains a greater feeling of control over her work and business subordinates when clad in severely cut tailor-mades. She said:

A woman in business needs an uncompromising uniform which will protect her from the sentimentality of men colleagues. Men regard her as hard and unfeminine and therefore have

Certitude

I go to prove my soul,
I see my way as birds their track-
less way,
I shall arrive . . . What time,
what circuit first
I ask not; but unless God send
His hail
Of blinding fire-balls, sleet, or
stifling snow,
In some time, His good time, I
shall arrive:
He guides me and the bird . . .
In His good time.

—Robert Browning.

Dress reformers do not help us either. They tell us how stupid our clothes are, and convince us that nothing but our sense of shame prevents us from dressing as sensibly as women. And just when their backs are turned, the women go and dress as stupidly as we do. Perhaps one day the two sexes will have progressed far enough to

more respect for her mentality. A girl who is pretty and utterly feminine in her dress is often hampered in her work by the belief men have that such a girl cannot be a good business woman.

Sparklers.

THE newest evening coat is sequins. It is a soft mousseline-de-soie or satin, thickly studded with sparkling paillettes that gleam like diamonds. This "pailletted" fabric looks like a new material, and is fashioned into straight, long coats, often with the sleeves hanging away from the elbow. They are worn over sheath-like underdresses of lace or chiffon and will be a popular choice. A chocolate-brown coat in velvet looks striking over white satin, and a long white coat encrusted with black sequins is effective over white lace, inserted with black net.

The Red Badge of Courage.

AMONG the heroines whose gallant deeds are enshrined in the pages of our country's history are the names of the Countess Godiva, the Coventry woman who "took the tax away and built herself an everlasting name"; Miss Jane Lane, who led the unfortunate Charles II to a place of safety after the fateful Battle of Worcester; Mrs. Joice Lewis, of Manchester, who perished at the stake at Lichfield in 1557; and Dame Purefoy, who, when her husband's manor house at Caldecote, Nunton, was assailed by Prince Rupert during the Civil Wars, rallied the household staff to a gallant defence.

Domesticity Made Delightful.

THUS hopefully writes optimistic Eve in an English magazine:—Nowhere has the inventor greater opportunities than in the ordinary household. It often takes two or three people to run a house which is the home of a family of five, whereas if every labour-saving device were used, one person could manage easily.

Inventors have found that many of the simplest inventions for the home are the best, not only from the commercial point of view, but also from that of utility. I myself have benefited more from a simple saucepan which whistled when an egg had been cooked than from most intricate technical inventions.

I think that all the kitchen utensils of the future will be automatic in the sense that they will utter warnings or otherwise indicate when the food has been cooked. Women in the past have been far too careless over their cooking. They still talk about a "hot" oven and a "moderate" oven, but in the future every oven will be fitted with a thermometer, so that they will know the exact temperature necessary for any particular dish.

In the future cooks will use more definite measures, and instead of having to go to the drawer for every spoon, they will have a number of measures of different sizes fixed together so that they can be used quickly.

The ovens of the future will be even better. They will have thermometers which, when the temperature falls below a certain level, automatically turn on more heat, or if the temperature rises, reduce it. It is not improbable that the whole house will be heated electrically from a central switchboard, and that thermometers concealed in every room will ensure that the heat is sufficient.

Hints for the Housewife

FOR scraping burnt toast, the handle of a spoon or a fork is much more efficient than a knife. It is an almost soundless operation.

JELLY made from soft fruit will be extra good and economical if the fruit is left for some hours in a covered stone jar in a slow oven. In this way double the usual quantity of juice is obtained. Strain, and add the sugar.

DOES your ironing sheet slip when ironing? If so, place a folded newspaper on top of the ironing blanket, but just under the sheet, and you will find it will keep it from slipping and wrinkling.

NOW that the time for storing blankets is here, cut up a few pieces of yellow soap, and place between the folds of blankets, and wrap in newspapers. Moths will not go near, and the soap will have improved with keeping.

PRECIPITATED WHITING can be made in this way. Tie the re-

quired quantity of whiting in a muslin bag and pour cold water over it moving the bag about. Leave overnight to settle, then pour off the water. Dry the whiting in a warm place and store in a covered jar. Use, made to a smooth paste with water or ammonia, for polishing silver, glass mirrors, and so on.

THERE are several ways of boiling rice for curry, but this is the best and easiest: Wash half a pound of Patna rice twice in cold water and then put into a large saucepan three parts full of cold water. Bring to the boil and boil slowly on moderate heat, stirring occasionally. Test by feeling some grains between the fingers and thumb if cooked through, which will be in about twenty minutes. Add a small teaspoonful of salt, boil up, and immediately drain in a covered colander for a few minutes, stirring occasionally. Let it stand on the stove or in the oven to keep warm. Each grain should be white and separate.

... With ... BOOK and VERSE

By "John O'Dreams"

Jottings

Prize Poem Competition

VERY numerous and diverse are the literary activities of Mr. Thomas Moulton, he having proved his mettle as poet, critical essayist, biographer, and anthologist. In the field of fiction "Snow Over Eldon" is well remembered, and now comes a novel, in the method and manner of which he is at one with the Victorian tradition, and in our time that of the later work of Mr. J. B. Priestley and Mr. A. P. Herbert.

The aptly titled "Saturday Night" is a chronicle, meticulous, far-ranging, and eminently companionable, of the doings of Londoners of many types, particularly of the working class and below it; but the true protagonist is the great metropolis itself and the puerilities thereof, in their vitality, glamour, sordidness, tragedy, and humour, described and rejoiced in by one familiar with every highway and byway, and each gleam and sparkle of the refulgent lights of London.

Day in, day out, the doings of the Poplar family are set before us, their tollings and moilings, bubbling optimism, and irrepressible gaieté de coeur. There is the mother, own sister to Mrs. Nickleby, affectionate, lachrymose, and absurd, but putting up a gallantly stubborn fight to bring up five boys without aid from the attractive scamp she married, who speedily proved himself to be entirely undesirable in the role of a husband.

In particular, sympathy goes out to Mark, fifteen years old when the story begins, looking for work, eager to help to keep going the family menage, and with wistful memories of a time when that menage included the agreeable failure who was his father. Mark, his young face looking "as though the Creator had fashioned it out of a sunshiny morning," makes his debut in business world per medium of dusty, fusty law office, where he is white slave to an odd dozen clerks, and only dares to steal fleeting glance at the lovely old trees in the grounds of Lincoln's Inn, "their gossamer gold shedding into autumnal glades, bordered by silver fogs." Of the denizens of this office there are portraits limned with caustic wit and not without malice; from the old soaker Hirst, whose violin was his refuge from mean standards of a world he held in sardonic contempt, to Kiddy Kay, bully and blusterer, who wields cheap and nasty authority over unfortunate underlings.

As the years pass Mark's fortunes improve, and he widens experience by rent-collecting in unsavoury streets and falling in love with the gentle Lily. The love affair of this shy girl and boy, its beauty of youth and evanescent quality, are presented with an admirable and sympathetic restraint; and the description of a day at Happy

CONDITIONS:—Any reader of the "Radio Record" is eligible to send entries for the fortnightly Poem Competition as frequently as desired, but the prize of half a guinea will not be awarded to the same contributor twice in succession. The poems sent may be of any length not exceeding 25 lines, and must be the original work of the competitor. Name and address must accompany nom de plume, and if return of MSS. is requested, stamps must be enclosed. All care taken but no responsibility. The decision of the judge is final.

THE prize of half a guinea in the current competition is awarded to A.N.I.C., for the poem entitled "Lyttelton," a virile and picturesque impression, assured of many admirers, of ships for the nonce finding anchorage in sunlit haven. We select for special commendation some verses by a new contributor, "The Little Wings," which are charmingly conceived and of true poetic quality; and "Yearning," by "Ginger," whose work appeals by virtue of skilful phraseology and originality of theme.

B.A.K.: Of the verses sent in by you, we greatly prefer "Dusk," a fascinating vignette of eventide in Maoriland.

"Cantor": Interesting juxtaposition of ideas couched in effective verse form.

"Tuki": Alas, so obvious!

"Ubique": Your poem intrigues interest by reason of its unusual treatment of an unhackneyed theme.

"Vic": No chance.

"Southern Cross": Try the Children's Page in a daily paper.

"Wild Rose": sends a musical trifle which quite sweetly sings itself along to its appointed end.

"Hesperides": We like the lay of a Lovely Lagoon.

"Courtland": Jingle of the irritating variety.

"Francis": The worst ever.

Lyttelton

*Slowly up the harbour, golden-eyed and dreaming
The ships come to Lyttelton, bound from farthest seas,
Coal hulks and barges, battleships and steamers,
With passengers and cargoes from many foreign quays.*

*There is singing on the docks of the coal hulks and barges,
The rattling of cables and the tramp of many feet,
The sharp tang of seaweed, and orange-peel and onions,
The sound of merry laughter and the engines' steady beat.*

*Sailing into Lyttelton the battleships and steamers,
Come steadily and silently, like monarchs marching by,
With well-oiled engines, and dull greasy funnels,
And deep, quiet voices, and flags flying high.*

*And all day long, with the wind in their riggings,
And sunlight gleaming on brass rope and spar,
They lie there at anchor and dream in the silence
Of deep-sea places where the drowned galleons are.*

*Whither are you going, you great black barges?
Whither are you bound, you battleships grey?
Waking with the dawn, when the mists fade in amber. . . .
Oh! would I were in Lyttelton to see you sail away.*

—A.N.I.C.

Hampstead, in company with the sophisticated Matthew and his inamorata, is excellent.

The end falls on a note of tragedy, the melodramatic murder of the scintillating Ninon not appearing entirely

coherent with the rest of the novel, which stands or falls by its panoramic presentment of the numerable types and facets, animate and inanimate, which go to make up the microcosm of London.

IT adds to the pleasure of a book like "The Good Earth" to know something of the life of its author. Mrs. Pearl Buck is a daughter of missionaries to China, and except for a spell of university life in America has spent all her life there. She has taught at the University of Nanking and at the Government University under the Empire and the Republic. She speaks Chinese with native fluency. Her novel has as hero a peasant of China, who begins with possession of a small parcel of land and, by frugality and a passion for the good earth, makes himself a rich farmer. The beauty of her book comes from her deep sympathy with the simplicity of the Chinese national character. Wang Lung is every Chinese; and although the tale is set in modern times, in him the ages of Chinese history survive. Labour, marriage, parenthood, love, loss, prosperity, grief and death are the accidents of his story, as they are of ours, and it is through these, so simply and movingly described, that we can enter into his very heart. "The Good Earth" is true as the Book of Ruth is true; by a deeply controlled tenderness it shows the individual as sharer in the common lot of humanity. It is a triumph to have made a man whose ways are altogether strange so unmistakably human to us.

CASSANDRA, daughter of the learned Dr. Fazakerley, losing her mother at birth, has been brought up by her father as a vestal virgin devoted to the Temple of Learning. The professor has ideas a hundred years in advance of his generation up to a certain point. Cassandra is proficient in all sorts of ologies and dead languages, but, as a gipsy woman tells her, she is as innocent as a babe unborn about worldly matters. Into the quiet, cloistral life of this young girl bursts a riotous undergraduate of Cambridge, Douglas Arlesey, and the inexperienced maiden falls an easy victim to the arrows of Cupid. Happily all the badness of Douglas is very much on the surface. Underneath there is a sterling character which rises to do battle for Cassandra, now besieged by several suitors more or less acceptable to her father. But nothing will melt the adamant heart of the professor in regard to the one man his daughter desires to marry, not his rescue from a highwayman, nor from his burning laboratory, nor from bodily sickness and discomfort. Not, in fact, till his daughter shows every symptom of dying, in exemplary fashion, of a broken heart, does he relent, and in doing so finds his own happiness. Thus, couched in quaint, almost formal, language of an age gone by, runs the story of Miss Aelfrida Tillyard's "Haste to the Wedding," a delightful and amusing book.

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