

N.Z. RADIO RECORD

Vol. VII, No. 7.

WELLINGTON, FRIDAY, AUGUST 25, 1933.

Price 4d.

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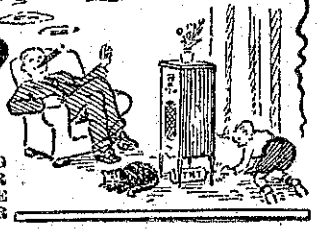
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Radio Round the World

ONE of the hitherto unrevealed pro-
jects of the "Century of Progress
Exposition" at Chicago was a 2000-
foot steel tower, double the height of
the Eiffel Tower. This landmark was
to have been used for television and
ground broadcasting, but owing to in-
sufficient financial support the project
had to be dropped.

THE real test of greatness is not the
inclusion of one's name in "Who's
Who," but representation among the
gallery of wax celebrities at Madame
Tussaud's. It is understood this signal
honour is to be conferred upon Sir
John Reith in the near future.

THE most successful talks at Hilver-
sum recently have been a series
on dressmaking lessons, sponsored by
"Ayro," one of the Dutch-listeners'
clubs. An explanatory pamphlet sold
to the tune of 20,000.

AN International Listeners' Union is
being formed, the object of which
is to unite the amateurs and listeners
of different countries to defend their
common interests and represent them
at international radio conferences. The
uncontrolled autocratic policy of
broadcasting organisations in many
States has made it imperative that
listeners and amateurs shall be con-
sidered.

MR. Colin W. Smith, first editor of
the "N.Z. Radio Times" and
founder of the New Zealand DX Club,
has taken up his residence in Mel-
bourne. Writing in the Melbourne
radio journal, "The Listener In" Mr.
Smith reviews broadcasting generally
in the Dominion and expresses the
opinion that the programmes are
fairly popular considering their limita-
tions. The 2YA auxiliary, or as it is
called, 2YC, is a great success, he says.
This little transmitter chirps away in
great style during the news and re-
ports session from the main station.
The antenna is to the left of the main
2YA masts (looking from city) but is
not nearly so ambitious; in fact it
looks just what it is—an afterthought,
but a happy one.

THE latest youngest amateur radio
operator is an eight-year-old girl,
Jean Hudson, of Delaware. Her
father is well known to hams as the
owner of W3BAK. Jean has long
been proficient with the typewriter,
which she can use blindfolded, and
when she began to play with the tele-
graph key her father and brother gave
her some regular code practice. Her
proud father says she took to it so
naturally that as soon as she could
read he felt compelled to help her to
learn something of radio laws and
regulations. Jean also plays the vio-
lin in the school orchestra and blows
a trumpet.

LISTENERS to the YA Stations are
fortunate in having a team of good
announcers behind the Board's micro-
phones. The same comment applies to
most of the announcers from the Na-
tional Stations in the Commonwealth.
In both Australia and New Zealand,
however, there is room for much im-
provement in respect of some of the
announcers from B stations. In some
cases announcers show a lamentable
ignorance of correct pronunciation,
equalled only by their lack of know-
ledge of correct grammar. Titles of
recordings in foreign languages are
frequently "murdered" in pronuncia-
tion—it is not long since a listener
heard one announcer describe a record-
ing by Beniamino Gigli as a "song by
Benjamin Giggly.

IN Italy house porters of flats and
apartment houses are required by
law to act as radio sleuths for detect-
ing unlicensed possessors of radio ap-
paratus. Printed questionnaires are
supplied by the police authorities, and
these have to be filled up with full
particulars of any radio equipment in
the particular house under each
porter's care. Heavy penalties are in-
flicted upon delinquents.

RADIO LA LOUVIERE, which has
been operating in Belgium in po-
litical party interests, was recently be-
sieged by the Deputy Public Prosecu-
tor, an examining magistrate, a court
clerk, two Post Office technicians and
a police commissioner. Transmission
was stopped and the apparatus sealed,
as the broadcast was unauthorized.



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introduce to
New Zealand the
235, 247, 56, 57 and 58
type "Superphonic Valves"*

AND NOW WE INTRODUCE
THE "DADDY OF THEM ALL"
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*You've got to hand
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Queen St., Auckland, N.Z.

The Ideal Programme

Three Entrants Tie in Musical Comedy Competition

THE musical comedy programme competition, which closed on August 5, attracted entries from practically every part of the Dominion, and, as in the case of the earlier competitions, nice discrimination was needed by the judges to decide to whom the prize should be awarded.

As the competition called for musical comedy items only, there was less margin for error on the part of competitors, most of whom covered a wide range of theatrical success in their programmes. The arrangement of the various items also left little to be desired, though in some cases a lack of contrast marred otherwise excellent efforts.

The term musical comedy is not easy to define; it is difficult at times to draw a line between musical comedy, comic opera, light opera and musical plays. Even the gramophone record manufacturing companies at times issue "vocal gems," or selections from what they term "musical comedies," but which the actual score of the work describes as a comic opera or a light opera.

Realising the impossibility of drawing a hard and fast line between theatre successes of this nature, the judges did not penalise competitors for including excerpts from works which in their (the judges) opinion were light or comic operas

and not strictly musical comedies.

One thing is certain, however—the operas of Gilbert and Sullivan do not come into the category of musical comedy, and lack of recognition of this fact spoiled the chances of many competitors.

One of the best programmes submitted in any of the three competitions so far held was submitted by a thirteen-year-old competitor from Masterton, who shares the prize on this occasion. If the entry were the unaided effort of this juvenile competitor, it shows that he (or she) has a decided "flair" for compiling an attractive, well-balanced programme, as well as possessing a remarkable knowledge of theatre successes of the past 25 years—and even further back.

Mr. Broad submitted three programmes, each of them of a very high standard. This competitor admittedly had a substantial handicap in the competition, as he has had a lengthy experience on the stage, and toured New Zealand and Australia as a member of the

Oscar Asche company in 1910-11. The first of Mr. Broad's three programmes was fully annotated and included a talk, "Happy Recollections of Musical Comedies of Other Days." The second of Mr. Broad's programmes was rhymed throughout—a novel feature—and the third took the form of an imaginary theatre relay of selections and vocal gems from various theatre successes, listeners to be asked to vote on the particular musical comedy which made the greatest appeal to them.

The programme submitted by A. Hancock, of Wellington, was another highly entertaining and well-balanced programme, its author showing a wide knowledge of the theatrical world. This programme was also fully annotated, and the various items were arranged in chronological order from "The Belle of New York" to George Gershwin's "Tip-Toes."

Entries for the next competition—an operatic classical programme—close on Saturday, September 2.

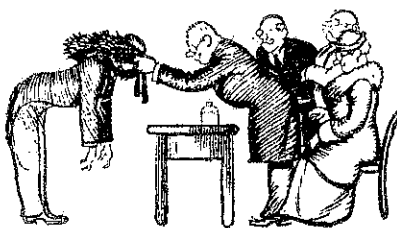
The remaining types of programme in the series are as follow (closing dates being given in parentheses): An orchestral and instrumental programme (September 16); a recital programme by individual artists, not exceeding four in number (September 30); a "theme"

programme, i.e., a story or recital with appropriate musical numbers interspersed (October 14); a one-hour dance programme (old or modern) (October 28); a one-hour children's session (November 11).

The talk submitted by one of the three winners, Mr. F. G. E. Broad, deals with musical comedy recollections of other days and demonstrates that Mr. Broad knows almost everything there is to know about the stage—from "The Merry Widow" to the present day. Mr. Broad's interesting talk will be published in the "Radio Record" in the near future.

It must be distinctly understood by competitors that any matter submitted in the competition series becomes the property of this journal, whether the entry is awarded a place or not.

PRIZE WINNERS:



E. M. Rogers,
41 Essex Street, Masterton;
F. G. E. Broad,
Port Albert Central, North Auckland.
and **A. Hancock,**
C/o Burch & Co., Ltd., Wellington.

(These three competitors were bracketed first equal.)

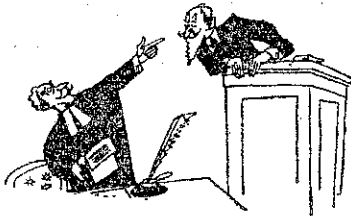
Highly Commended:—**J. MITCHELL,** North Auckland; **F. A. COKER,** Gisborne; **E. M. JOHNSTON,** Auckland; and **G. MILLSON,** Blenheim.



Why Are They All So Highbrow?

(Dedicated to Certain Radio Stations)

I love the radio, I own;
It is my evening's constant pal,
But it is getting most high-flown
And much too educational.
When I am weary after work
I turn my mind to brighter things;
I long for a comedian's smirk,
Or a soubrette who gaily sings.



I switch around
around the dial
In search of
something
bright and
cheery;
My first catch is
a murder trial,
Second, the orthopaedic theory.

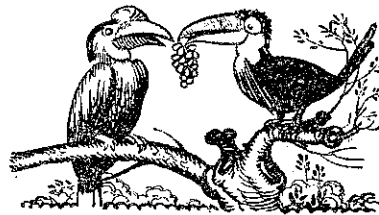
Oh, why are they so highbrow?

Why are their thoughts so grand,



When what I
like
To hear on the
mike
'S Cab Callo-
way and his
Band?

But valiantly I pursue
The search for broadcasts gay and comic:
Five thousand birthdays now come through;
Next, facts about the cell atomic.
A lecturette, "The Lower Bowel
Considered as a Source of Trouble";
Again, "The Aims of Baden-Powell,"
Or "Points on the East India Bubble."
"How to grow oats when soil is sandy,"

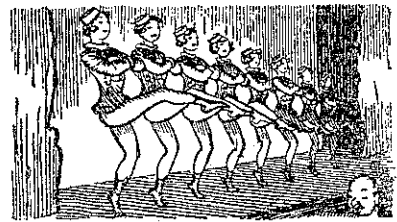


"Before the
Pterodactyl
flew";
"The doctrines
of Mahatma
Ghandi,"
"Religious
Cults in
Xanadu."

Oh-h-h! WHY are they all so highbrow?

With their talks on myths and oats,

When what we
need
Is a burst of
speed
And Gracie
Fields' top
notes?



—BY MARGARET MACPHERSON.

All Materials on Hand for New 3YA

(Special to "Radio Record")

THE site of the new 3YA radio station at Gebbie's Pass is a bustle of activity. Twenty-two men are at work on the foundations of the new station building and cottages are being built to accommodate the staff. Three steeplejacks are employed on the erection of the 300ft. towers. The transmitter building is to be of ferro-concrete, with a solid concrete floor.

At present the men are working on the tower farthest away from the

actual transmitting station site. Fifty feet square at the base, the towers will taper gently until, at the top, they will be only two feet wide. All the steel for the job is ready on the spot. It has been imported from Australia, where each piece has been made exactly to specifications, so that the men's task is merely to assemble it in the right order.

The building which is to be used as the garage and storeroom of the new station has been temporarily fitted up as sleeping quarters with stretcher bunks to accommodate 24 men. Part of it is partitioned off as a mess-room, while a cookhouse has also been added.

The whole job is timed to be completed in three months from its com-

mencement, but in the month past a week has been lost by wet weather, so that this time may be extended.

IN a speech recently made by the Mar- chese Marconi, at a dinner given in his honour by the Royal Empire Society, he stated that a tribute had to be paid to the British Post Office, inas- much as through the belief of the officials in the commercial use of short- waves as far back as 1924, England was the first country to erect beam stations for wireless communication with the Empire. The Colonies and Dominions have since been linked to- gether by radio telephony, thus making London the greatest telephone exchange in the world.

Editorial Notes.

Wellington, Friday, August 25, 1933

FOR the first time since it came into being the British Broadcasting Corporation has answered publicly Press criticisms of its policy and methods—answers that might very easily be given by the New Zealand Broadcasting Board to the listeners in this country who have made similar complaints. Official replies have been withheld in the past, not because the B.B.C. does not welcome such criticisms, but because they have, up to now (with certain honourable exceptions) consisted almost entirely of individual utterance and opinion on the part of the writers who have shown that they have not informed themselves of the facts, or of the circumstances which have to be taken into account in dealing with the facts or the forming of any policy. If the British concern replied to every public mis-statement of fact concerning its activities in broadcasting, it would require to employ a considerable staff in doing nothing else.

The Broadcasting Board in New Zealand is in a similar position. Both in the silly season and out of it numbers of New Zealand newspapers open their correspondence columns to letters of the wildest criticism—letters which any person of moderate intelligence could easily discover to be the work of a biased or a child-like mind. The Board is perhaps approached for an answer to such letters. Naturally enough, it refuses to comment. The newspaper reports the result of its request and the inference is that the "Board hasn't got a leg to stand on."

Public mis-statements are one thing, genuine criticism another. It is definitely valuable and helpful, provided three conditions are fulfilled: (a) That the critic is, by training and equipment, one whose opinion is worthy of respect; (b) that the facts upon which the opinion is formed are accurate; and (c) that the criticism is without prejudice or bias.

Certain of the leading papers in England (including *The Times*, *The Daily Telegraph* and *The Observer*) have recently devoted space in both their editorial and correspondence columns to criticisms of the B.B.C.'s musical activities, major attention being paid to the administrative policy. It has been said that the Corporation's attitude toward young artists is dis-

couraging, and that it does not do nearly enough for British composers. Figures have proved that the B.B.C. is doing more for young composers

Books to Read

Literature in Demand at the Moment

THIS list, supplied each week by the Wellington Public Library, indicates books that are in general demand at the moment, and may serve as a guide to those readers who are looking for new and interesting literature.

FICTION.

"The World His Pillow," by James Bartie.

To anyone who has known the West Highlands of Scotland, this novel will be a delight. The story deals with the childhood and life of Duncan, a young poet, brought up in a remote Highland cottage until, at the age of seventeen, he is removed by the death of his father to an uncle's house in Glasgow and the turmoil of modern life. This is a well-written book of pronounced literary merit.

"I'll Tell You Everything," by J. B. Priestley and G. W. Bullett.

"A rollicking British mystery story, notable for its humour and for its minor characters, depicted in the best Priestley manner."

GENERAL.

"Edwardians Go Fishing," by George Cornwallis-West.

An interesting and amusing collection of Edwardian anecdotes, including accounts of the popular sports and pastimes of the period. Mr. Cornwallis-West is a well-known raconteur whose intimate knowledge of life in political and social circles well fits him for authorship of this kind.

"Texts and Pretexts." An anthology with commentaries. By Aldous Huxley.

"Mr. Huxley goes over his rich store of personal poetical experience, and sets down two or three hundred of his favourite pieces and passages, most of them English, many French, and a few Latin, Italian, Spanish; with a running commentary designed both to establish the peculiar quality and virtue of each and also to suggest its bearing on the contemporary outlook."

"I Am a Fugitive from a Georgia Chain Gang!" by R. E. Burns.

"An indictment of savage and archaic penology."

than all the rest of the concert-giving organisations in Britain put together. And it gives more employment to young artists than any other organisation. But the fact that,

for every quarter-hour's solo performance in the day's programme, in which one soloist can be employed, there are at least 100 applicants means that there must be 99 disappointed artists. If the Corporation gave the whole of its day and night to the broadcasting of solo items, it could not satisfy one-tenth of the applicants for broadcasting honours. It is obvious that there must be some discrimination, and the process of selection and elimination is the best that has been devised so far.

New Zealand, of course, has nothing like the same number of artists to pick and choose from, and, as the people of the Dominion are able to hear the world's best talent by means of the radio, the gramophone, the talkies and, occasionally, the concert platform, it stands to reason that the listening public is not going to be content with a second-class singer at the microphone. Why not give more of our local artists a chance? is a constant cry. But there are few artists of importance and worth in the Dominion who have not been approached for a radio performance, and the process of selection and elimination is steadily going on. In the meantime there is a fair sprinkling of recorded music from our stations—better, a thousand times, that we should listen to a first-class recording than mediocre singing from a local artist!

In a year or two the Broadcasting Board will have on hand an index of the real talent in the country, and it will be able to draw on it at will to provide New Zealand listeners with concerts that will be, while not above criticism (for you cannot please everyone), at least enjoyable and interesting.

Try for a cash prize. Colour, mount and cut out the Jig-saw ad. series. See page 43.

The New Zealand Radio Record

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RADIO PUBLISHING COMPANY OF NEW ZEALAND LTD.,

P.O. Box 1032, Wellington.



“To Beatrice Elliott —An Intelligent Artist”

So wrote Professor Michael Raucheisen, Germany's greatest music master, on the photograph of himself which is published here.

Madame Elliott, well-known Auckland singer, studied under the professor in Berlin and has many happy memories of the famous Europeans that she met at his studio.

IT'S a far cry from the great musical centres of Europe and America to New Zealand, but Madame Beatrice Elliott, the well-known singer who has returned to her native heath after several years abroad, is happy among the memories of the famous people she met during her studies.

To the Auckland representative of the “Radio Record” Madame Elliott spoke of the places she had visited, of the people she had met and the operas she had seen. “The first three years of my musical training were spent in London where I studied under several well-known teachers. A friend advised me to go to America where one finds musical groups of all kinds—those who specialise in operas, those who study nothing but concert music and oratorio, and so on. New York and Chicago were revelations to me and there I was successful in meeting many of the big people in the world of music. Benjamin Gigli, the tenor who took the place of the great Caruso at the Metropolitan Theatre, in New York; Margherita D'Alvarez, the greatest living contralto of to-day; Rosa Raisa, with her husband, Rimini, both of the Chicago Opera Company; Toti dal Monte, the gifted coloratura soprano; Tito Schipa, called the lyric premier, now at the Metropolitan of New York; Schumann Heinke, possessing yet a beautiful voice; Claire Dux; Florence Austral, the majestic Australian nightingale; Percy Grainger; and many more of great fame.

“In Chicago I had the pleasure of assisting at the premiere inaugurating the New Civic Opera House which the American people claim to be the largest theatre of the world. The splendour of this magnificent theatre is unsurpassed. It is a skyscraper of imposing greatness, built on the left bank of the Chicago River. The acoustics are perfect. Here gather the finest singers of the world, some of them drawing a salary of £400 per night.

“A friend of mine, Claire Dux, advised me to go to Germany, and it was there, in Berlin, that I came under Germany's greatest music master, Professor Michael Raucheisen. In his studios I met Europe's musical celebrities, and I will forever retain the happiest memories of my stay in Berlin.”



—S. P. Andrews, photo.
MADAME BEATRICE ELLIOTT, who, on this page, tells something of the experiences she had in the musical worlds of Europe and America.

Australia Presents N.Z.

(The Presentation of items listed on this page is Copyright.)

2FC Sydney

SUNDAY, AUGUST 27.

7.35: Dr. A. P. Elkin will speak on "The Aboriginal Question."

7.50: A Celebrity Recital (r.).

8.20: Professor A. H. Charteris, Challis Professor of International Law in the University of Sydney, will continue his series of talks on "Australia Looks on the World."

8.50: The first of a series of Six National Vocal Recitals, arranged by the Musical Association of New South Wales: "English." Spencer Thomas, tenor, and Ila Turnbull, soprano.

9.10: "Britain and America," Part 1. A talk by Lionel Dare.

9.30: The first of a series of Six Famous Piano Quartets, arranged by The Musical Association of New South Wales: Gabriel Faure Quartet—Piano, Lindley Evans; violin, Lloyd Davies; viola, Alfred Hill; cello, Gladstone Bell.

10.15: National Programme.—See 3LO.

MONDAY, AUGUST 28.

7.45: Boy Scouts' and Girl Guides' section.

8.0: The Family Physician discusses "Medicine of the Moment."

8.15: Reports.

8.45: Sporting results.

8.55: News.

9.20: Under the auspices of the Minister for Labour and Industry: A short talk by Mr. N. P. Olsen, supervising organiser of the Young Citizens' Association.

9.30: National Programme: An Original Musical Romance, "The Shalimar" (a Humphrey Bishop production). Written by Edmund Barclay, and based on Liza Lehmann's "Golden Threshold," with additional musical numbers by Alf. J. Lawrence.

10.40: Choral and orchestral programme, presenting Haagen Holenbergh (piano), the Radio Choir, conducted by C. Vern Barrett; A.B.C. (Sydney) Concert and Orchestra, conducted by E. J. Roberts.

12.0: News and Old Time Melodies.

TUESDAY, AUGUST 29.

7.45: "A Woman Looks at the Theatre."—"Women in Galsworthy's Plays." A talk by Mrs. Bernard Muscio.

8.0: "Customs of Old Fiji"—Part 1. Told by R. Norman Mawer.

8.15: Reports.

8.40: Sporting results.

8.55: News.

9.30: National Programme.—See 3LO.

12.0: News and Dance Music.

WEDNESDAY, AUGUST 30.

7.45: This Week's Interview.

8.0: Commander C. H. Rolleston, R.N. (retired) will continue his series of talks on "Showing the Flag with the Prince of Wales—Au Revoir, Caribbees! Hello, Brazil!"

8.15: Reports.

8.40: Sporting results.

8.55: News.

9.30: National Programme: "The New Moon." A romantic musical play. Book and lyrics by Oscar Hammerstein, 2nd. Frank Mandel and Laurence Schwab. Music by Sigmund Romberg, with Marie Bremner in the principal role.

11.0 (approx.): Mr. C. B. Westmacott, O.B.E., general manager of J. C. Williamson Limited, will tell: A Short Story of the Theatre—No. 2: "The Antique Developing into the Mediaeval."

11.15: The A.B.C. (Sydney) Concert Orchestra, conducted by E. J. Roberts. "Noel Coward's Melodies" (Hall). Antonio's Dilemmas. The Orchestra: "Schubert's Famous Waltzes" (Finck).

New Zealand Well To The Fore In This Week's Programmes

THERE is a decided New Zealand flavour about the programmes to be broadcast from Australian stations next week. Noho Toki, the Petone Maori with the flexible voice, will be heard, together with Princess Wiki, from 2BL on Thursday, August 31, in conjunction with a community sing. Signor and Signora Marotta (the latter a Wanganui girl) will also be heard from that station, while a String Quartette from 2FC will include the well-known Wellingtonian, Alfred Hill.

Maggie Teyte and Tudor Davies are well to the fore again, and listeners who heard them during the past week will appreciate this fact. The popular musical comedy, "The New Moon," will be presented from 2FC with Marie Bremner, last seen in the Dominion with the Gilbert and Sullivan Company, in the lead. Tolstoy's "Redemption" will be presented from the same station on Friday, September 1. Barrie's well-known "Half an Hour" is to be one of the features from 3LO next Sunday, followed by a concert by Maggie Teyte and Tudor Davies. The outstanding concert of the week will be from 3LO on Thursday, when the A.B.C. Symphony Orchestra will perform, assisted by the two artists mentioned above. From 3AR there will be broadcasts in connection with the Country Music Week, with items by the Bendigo and Geelong Choirs.

Charles and Leslie in Humorousities. The Orchestra: Selection, "Cavalcade" (Coward).

12.0: News and Meditation Music.

THURSDAY, AUGUST 31.

7.45: Women's Activities in Sport, discussed by our Women's Sporting Representative.

8.0: George Cooper will speak on "Gardening"—"Summer and Autumn Colour Schemes."

8.15: Reports.

8.45: Sporting results.

8.55: News.

9.30: National Programme.—See 3LO.

12.0: News and Dance Music.

FRIDAY, SEPTEMBER 1.

7.45: John Young will speak on "British Art in the Eighteenth Century"—George Morland.

8.0: The Sporting Editor discusses Current Sporting Events.

8.15: Reports.

8.40: Sporting results.

8.45: To-morrow's races, by the A.B.C. Racing Commissioner.

8.55: News.

9.30: National Programme: The Studio Male Quartet. Nora Williamson, violin, and the A.B.C. (Sydney) Military Band. Conducted by J. Pheloung.

11.0: "Redemption"—A Russian drama by Count Leo Tolstoy. Adapted for radio and produced by Leo Stark. The scene is Moscow, Russia.

12.0: News and latest Dance Music.

SATURDAY, SEPTEMBER 2.

7.45: "Model Aeroplane Session," conducted by "Wings."

8.0: Sporting results.

8.48: Wednesday's weights by the A.B.C. Racing Commissioner.

8.55: News.

9.30: National Programme.—See 3LO.

12.0: News and Moments Musical.

2BL Sydney

SUNDAY, AUGUST 27.

8.0: Musical Items (r.).

8.45: Divine Service from Randwick Methodist Church. Jubilee Anniversary.

10.0: Grand Concert by the successful competitors in the City of Sydney Eisteddfod. (Arranged by Roland Foster).

MONDAY, AUGUST 28.

7.45: Dinner music.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee): "What the State Offers the Citizen"—Mr. A. A. Britton, Department of Lands. "How the Land Settler is Helped."

9.30: The Metropolitan Band (conducted by John Palmer); Alfred Wilmore, tenor; Frank Ryan, comedian; Dudley Stapleton, novelty pianist.

10.42 (approx.): From Sydney Stadium: Description of the main Boxing Contest.

11.50: Late news.

TUESDAY, AUGUST 29.

7.45: Dinner music.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee): "This Land of Ours"—"The Islands of Torres Strait," by Mr. Ion L. Idriess.

9.30: "With Young Australian Musicians." "Nothing Over Seventeen." Albert Engel, pianist; Jean Hatton, 9-year-old wonder soprano; Ernest Llewellyn, violinist; Ronald Newberry, boy soprano; Dorima, xylophonist.

and European Artists

10.36: Art Song Recital by Gladys McDowell, mezzo soprano.

10.50: "Nothing Under Seventy" Club programme. Mrs. Polly Symonds, pianist; Robert Ogden, baritone; Mrs. Phil. Chapman in old Scotch songs; Mr. Tom Buckley in Irish song and story; Mrs. Pilley, soprano; Mr. William Newton Scott, baritone; Professor Randal-Woodhouse, baritone; Mr. Harry Foreman, monologue; Mrs. Brearley, contralto; and Mr. Proudlock, baritone.

11.50: Late news.

WEDNESDAY, AUGUST 30.

7.45: Dinner music.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee): "Music"—"The Development of the Orchestra," by Howard Carr.

9.30: The Hungarian Sextette; Madame Vera Taseua, soprano; Dorothy Gadsby, pianist; and Signor and Signora Marotta; and at 10.12: "We Await Your Verdict" (12th of series). Claim for damages for libel. Newspaper company sued for £5000.

11.50: Late News.

THURSDAY, AUGUST 31.

7.45: Dinner music.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee): "Industry To-day"—"Modern Fuels," by Mr. Swain.

9.30: From the Ashfield Town Hall. Community singing concert (arranged by Australian Broadcasting Commission). Associate artists: Princess Wiki, Maori singer; Noho Toki, Maori tenor; Ossie Wenban in song and story, and Jack and Mack, entertainers.

11.50: Late news.

FRIDAY, SEPTEMBER 1.

7.45: Dinner music.

9.30: The Studio String Quartet; William Green, tenor.

10.30: "Great Love Stories." Written and presented by Edward Howell, assisted by Therese Desmond.

10.45: "In Lighter Vein," Beryl Newell and Hal Stead in two piano novelties; Grace Quine, contralto; the A.B.C. (Sydney) Concert Orchestra (conducted by E. J. Roberts).

11.50: Late news.

SATURDAY, SEPTEMBER 2.

7.45: Dinner music.

9.5: Popular Education Talk (arranged by the Adult Education Broadcasts Committee): "Is It Necessary to Import Rubber in Australia." A talk by John Douglass.

9.30: "Our Old Time Dance Night." The A.B.C. Old Time Dance Orchestra; Dorothy Louise, mezzo soprano; Norman Jansen, baritone; Peggy Ross, soprano; Bert Barton in Dickens Sketches.

1.28: "Auld Lang Syne."

8.40: "My Life in Algeria"—Part 1. Mr. John Swanson.

9.5: The News Behind the News, by "The Watchman."

9.30: "Foundations of Music." Early Italian Composers. Elise Steele, violin; and Margaret Sutherland, piano.

10.15: National Programme, "Half an Hour." A short play by Sir James M. Barrie.

10.45: A Recital by Maggie Teyte, soprano, and Tudor Davies, tenor, with Yelland Richards, piano. "Ach! Ich Fuhls" from "The Magic Flute" (Mozart). Maggie Teyte: (a) "Turn Ye To Me" (arr. Hahn); (b) "Mistress Mine" (Quilter); (c) "Ah, Moon of My Delight" (Lehmann). Tudor Davies: (a) "Sur la Prairie" (Liadov); (b) "Prelude" (Liadov); (c) "Intermezzo in E Flat" (Brahms); (d) Prelude in E Flat (Medtner). Yelland Richards: (a) "All Saints' Day" (Strauss); (b) "Lullaby" (Strauss); (c) "Serenade" (Strauss). Maggie Teyte.

11.45: The Epilogue, "The Holy City."

MONDAY, AUGUST 28.

7.45: Dinner music.

9.0: A Weekly Feature. Latest Musical Releases.

9.30: National Programme.—See 2FC.

TUESDAY, AUGUST 29.

7.45: Dinner music.

9.30: National Programme. "Broadway Jones." An American Cocktail of Comedy, Romance and Finance.

11.0: Military Band Concert. The A.B.C. (Melbourne) Military Band (conducted by Harry Shrugge); "Jill and Judy" in Melody Snapshots, and the Sun-downers' Quartet.

12.0: News and Dance Music.

WEDNESDAY, AUGUST 30.

7.45: Dinner music.

9.30: National Programme.—See 2FC.

12.0: News and Meditation Music.

THURSDAY, AUGUST 31.

7.45: Dinner music.

9.30: National Programme.—An Orchestral Concert by the A.B.C. (Melbourne) Symphony Orchestra. Conductor: Percy Code. Leader: Edouard Lambert. With Maggie Teyte, soprano; Tudor Davies, tenor; and Yelland Richards, piano. Part 1: A.B.C. (Melbourne) Symphony Orchestra. Overture, "Land of the Mountain and Flood" (Hamish MacCunn). Maggie Teyte, soprano: (a) "A Obocca Dolorosa" (Sibella); (b) "La Colomba" (Schindler). Yelland Richards, piano: Etudes Symphoniques (Schumann). Tudor Davies, tenor: (a) "I Attempt from Love's Sickness to Fly" (Purcell); (b) "To Daisies" (Quilter); (c) "Boat Song of the Islands" (Bantock); (d) "M'Appari Futt' Amor" (Flotow). The Orchestra: "Irish Rhapsody" (C. Villiers Stanford).

10.35: Part 2.—Maggi. Teyte, with the A.B.C. (Melbourne) Symphony Orchestra: "Elsa's Dream" from "Lohengrin" (Wagner). The Orchestra: Symphony No. 6 in B Minor ("The Pathétique"—Tchaikowsky); Adagio, Allegro Con Grazia, Allegro Molto Vivace, Adagio Lamentoso.

11.30: An Anthology of Modern Verse. by Frank D. Clewlow.

11.45: Interlude.

12.0: News and Dance Music.

FRIDAY, SEPTEMBER 1.

7.45: Dinner music.

9.30: National Programme.—See 2FC.

12.0: News and Dance Music.

SATURDAY, SEPTEMBER 2.

7.45: Dinner music.

9.30: National Programme: Around the Boree Log" (words by John O'Brien—music by Dom. S. Moreno, O.S.B.). Sung by A.B.C. (Melbourne) Wireless Chorus with the Concert Orchestra (Conductor: Percy Code). (John O'Brien's verses breathe the very spirit of Australia, and Dom Moreno has captured that spirit and put it into music.)

10.10: "Bertie Knowall" talks on "Economy."

10.20: A concert by the Young Australia League White Minstrels. The Darkies' Parade, The Company.

10.10: Mr. E. T. Emmett, Tasmanian Director in Government Tourist Bureau—"Tasmania's Pepys—Robert Knopwood."

11.0: A Recital by Maggie Teyte, soprano, and Tudor Davies, tenor, with Yelland Richards, piano. "Porgi Amor," from "Marriage of Figaro" (Mozart).—Maggie Teyte. (a) "Recondita Armonia," from "La Tosca" (Puccini); (b) "Serenade," from "Fair Maid of Perth" (Bizet); (c) "Aria," from "La Gioconda" (Ponchielli).—Tudor Davies. (a) "Ballade in G Minor" (Brahms); (b) "Mouvement Perpetuel" (Poulenc); (c) "Night in May" (Palmgren); (d) "Country Tune" (Arnold Bax).—Yelland Richards. (a) "Elegie" (Massenet); (b) "The Letter" (Mozart-R. Hahn); (c) "Do Not Go, My Love" (Hageman).—Maggie Teyte.

12.0: News and Dance Music.

3AR Melbourne

SUNDAY, AUGUST 27.

7.45: Musical items, request numbers, etc.

8.30: Divine Service from St. Paul's Cathedral. Sermon: The Archbishop. Organist: Dr. A. E. Floyd.

10.0: Brass Band Concert. St. Augustine's Boys' Band; Violet Semple, contralto; Basil Jones, violinist; and an interlude at 10.30. "By the Fireside" with the Sundowners Male Quartet and Arnold Colman at the "State" organ.

11.20: News.

MONDAY, AUGUST 28.

7.45: For the Musical Student, by Lindsay Biggins, Mus. Bac.

8.0: Countryman's Session.

8.32: Sporting results.

8.55: Reports and news.

9.15: International Affairs—A Gazette of World Relations. Dr. G. L. Wood, M.A.

9.31: Stepping Stones in Medical Practice.—6. The Vogue of the Herbals—Professor W. A. Osborne. (Under the auspices of the Educational Committee of the

(Continued on page 46.)

3LO Melbourne

SUNDAY, AUGUST 27.

8.20: The Melbourne Centenary; news and announcements.

BRITISH SCIENTIST'S AMAZING HEALTH ANNOUNCEMENT!

ASTOUNDING TRIUMPH OVER INFIRMITIES

Remarkably Successful Method that Promises Better Health for All—and Longer Life

VALUABLE FREE BOOK FOR EVERY READER OF THE "RADIO RECORD"

Medical men, the Press and the general public cannot fail to be deeply interested in the news of an important health treatment, of equal benefit to the invalid and the athlete, the old and young. The fact that the new health method announced to-day is entirely independent of drugs adds additional interest. The knowledge that it is the outcome of the research and experiments of a well-known British scientist ensures its receiving the careful attention it deserves.

Few men are better entitled to a hearing when they speak on the subject of health and well-being than Mr. O. Overbeck, F.C.S., F.P.C. (Lond.), etc., the well-known British scientist. For Mr. Overbeck, at 70 years of age, is a marvel of physical fitness and mental alertness, whereas before he began to probe into the true cause of ill-health he was given up by his doctor as a dying man.

himself getting stronger; the rheumatism that had plagued him for some time disappeared, as well as the kidney trouble, from which he had been a chronic sufferer; his eyesight improved to such an extent that he was soon able to give up the spectacles he had worn for years; and before long he was able to resume a normal life of active work.

VALUABLE FREE BOOK

One of the most Sensational Books about Health ever written will be sent Free to every Reader who fills in and posts the Special Form below. The title of the book, "The Secret of Health and Rejuvenation," gives some idea of its amazing contents. The book is beautifully produced on plate paper and illustrated with many most arresting photographs and diagrams. Its matter is of absorbing interest. Not a page but what contains something that will be a revelation to all who read it. It is a book of equal interest and importance to the Ailing and the Healthy, the Young and the Old, and to read it will certainly be for many an event to remember as a decisive landmark in their lives.

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Please send me a copy of the Book about Overbeck's Rejuvenator, fully illustrated with plates, showing self-treatment for a variety of ailments. I enclose 4d. in stamps.

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MR. O. OVERBECK, F.C.S., F.P.C. (Lond.), the well-known scientist, whose amazing treatment has aroused world-wide interest, and brought relief to sufferers in every civilised land.

AN EXPERIMENT AND ITS MAGICAL RESULT

Concerned at the rapid thinning and whitening of his hair, Mr. Overbeck's thoughts turned to electrical stimulation. He began experimenting. His first efforts were not very successful. Then the idea came to him that if electricity is to be of real lasting benefit, it must be absorbed without sensation, just as it is absorbed from the food we eat. The cells must, in very truth, be fed with the electrical current.

The upshot was the patent of an electrical instrument constructed on entirely new lines. He tried it first on his hair. The result was magical. Not only did his hair rapidly grow thicker and darker in colour, but his mental faculties became greatly invigorated; every day he found

STAIKING REPORTS FROM N.Z. SUFFERERS

CHRONIC CATARRH

"... I have suffered badly from catarrh for 15 years. I must say this treatment has completely cured me of nasal catarrh, and I have only been using it a month. I feel better in every way."—Yours faithfully,

Central Otago. (Signed) C. Patterson.

ACUTE SCIATICA AND RHEUMATISM

"I have much pleasure in stating that I have derived great benefit from the use of Overbeck's Rejuvenator. My complaint was acute sciatica and rheumatism."

Yours faithfully,

Invercargill. (Signed) J. Sear.

NERVES, HEART, LUMBAGO, BLOOD PRESSURE

"... I suffered from nerves, pains about the heart, lumbago, and blood pressure ... now I am pleased to say that all the above complaints have disappeared by the regular use of the Rejuvenator, which I consider is worth more than money to anyone in bad health."

Te Kuiti. (Signed) J. McKenzie.

SEVERE NEURITIS

"... bought an Overbeck Rejuvenator some months ago ... at that time was suffering badly from Neuritis. Since using the Overbeck I am completely cured and, in fact, feel ten years younger. ... I would not part with it for twice its cost."

Pirongia. (Signed) John Lasky.

HEART, NERVES, RHEUMATISM

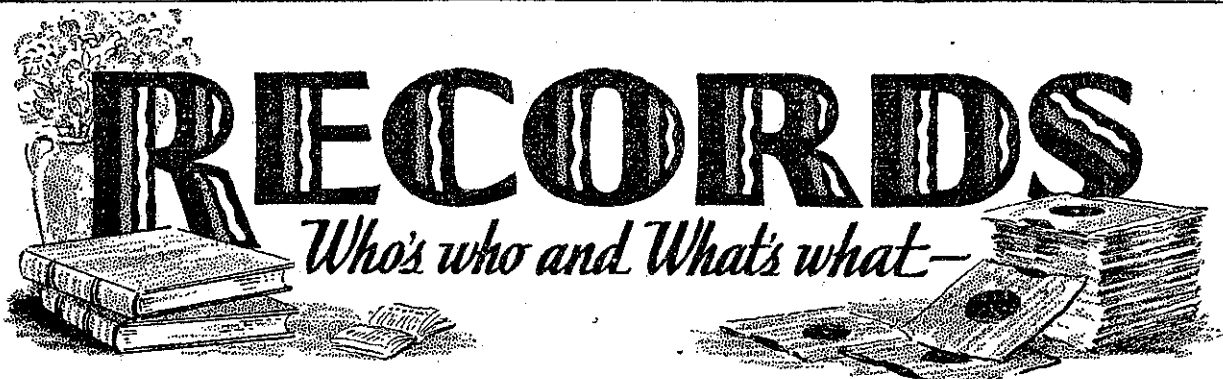
"... I was suffering from valvular rupture of the heart, which I had for years, noises in the head, nervousness, and acute rheumatism in shoulders and knees. ... inside three months I was a new man—thanks only to the Overbeck."

(Signed) J. C. Wade.

Whitford, Auckland.

The "POPULAR"

a new model of the Overbeck Rejuvenator described in this announcement is now available at a price that brings it within reach of everyone.



Records To Buy

(By Bolton Woods)

THIS WEEK'S SELECTION

"I would that my love might blossom" (Mendelssohn) and "Shimmering silver whispering wave" (Melchert). Duets sung by Richard Tauber. (Parlo. AR222).

"Bolero," "Dodo" and "Me Gustan Todas" from "Songs of the Pyrenees" (arr. Middlemore). Sung in Spanish by John Morel, baritone. (Parlo. A3643a).

"Spring Song" (Mendelssohn) and "Santa Lucia" (Cottrau). Sung by Conchita Supervia, mezzo soprano. (Parlo. AR210).

THE fashion of having music during meals is an ingenious scheme for combining music to which nobody will listen with conversation which nobody can hear.—G. K. Chesterton.

"The Roosters"

PROBABLY no concert party in the world has a more romantic history than "The Roosters," whose latest musical absurdity, "A Village Concert" (Merriman), will be heard over the air from 2YA on Thursday, August 31, at 8.10 p.m. It came to life out in Salonika in March, 1917, when a young second lieutenant gathered a few of "the boys" together to entertain the troops. A good deal of real talent was revealed in those improvised "sing-songs" at Summerhill Camp, and when some old pierrot costumes were found it was suggested that a permanent concert party should be formed.

"Hatched, March 28, 1917"

EVERY aspiring artist in the camp reported for auditions, and the best artists were put in training for a grand opening night on March 28, 1917. The new party was christened "The Roosters," after the camp commandant, Captain G. N. V. Roose. By the time the party left Salonika about seventy performances had been given. Next it went to Egypt, and toured the desert for twenty-eight days, giving over twenty performances. When Christmas came the members found themselves in Jerusalem, where they were given the Turkish Municipal Theatre in which to perform. A tour in Jordan Valley, Jericho, Cairo, and Alexandria, where they entertained thousands of soldiers, followed, and 1919 found them home in England, where they are still going strong.

"The Juggler"

ON 3YA's programme for Friday, September 1, at 9.59 p.m. Mischa K-

vitzki is scheduled to play Moskowski's "La Jongleuse" and his own waltz in A major. This is a captivating display of pianism, especially "La Jongleuse" (The Juggler). With the last-named piece there comes into the vision of the imaginative listener a little creature of the stage, spangled and painted, gaily tossing the coloured balls, now high, now low, catching them just as they seem to be out of reach, flinging them high in the air, never pausing to take breath. They flash and glisten, silver and gold and green and red, more and more of them, moving in rhythmic motion. Was ever a more delightful picture presented in music?

"Sweethearts of Yesterday."

UNDER the above sentimental title, H.M.V. has issued a record that will be a favourite of favourites for many a long day to come. The idea of



NEW ZEALAND TENOR.—Ernest McKinlay, who is frequently heard over the Australian air, and who is no stranger to gramophone enthusiasts.

the record is to present with brief connective explanatory narrative a series of fourteen popular old ditties embodying names of one-time sweethearts, from "Sweet Genevieve" to "Sweet Rosie O'Grady." It is a sentimental journey through the scented paths of memory with Christopher Stone and a fine band of singers.

August Records.

CONGRATULATIONS to the leading record manufacturers for the best supplements of records for over a year. The issues for August are outstanding and the advance samples were most enjoyable to hear. Apart from a little unnecessary repetition of titles

already amply catered for, I have no complaints. At the head of the gramophone pages in this issue I am giving each week a list of those records that I conscientiously think are worth acquiring. One correspondent says that broadcasting has helped them to buy records. I can quite believe it. If dealers cannot sell the records in the August supplements, then something is radically wrong.

Crooning Condemned.

IN an interview with "Wireless Weekly" (Sydney), his Grace Archbishop Kelly roundly condemns "crooning." Discussing the necessity for maintaining the highest moral standard in radio programmes, he says: "Many think modesty is a lost cause. They quote that adage which says modern fashions mock at modesty. In this particular respect the broadcasting programmes are not always edifying. That the moral tone of the radio programmes should be of a high order is as important to the health of the nation as the cleanliness of the atmosphere we breathe. The radio can so easily cater for low standards, when it should foster the highest standards of morality, ethics, national life, family life, and everyday speech."

Worse Than Jazz.

THE point can be made clear perhaps by analogy with the talking pictures. I should like to be taken definitely as condemning the vogue of crooning, with its negroid affinity, jazz, appealing to the lowest appetites. Crooning is worse than jazz. In the picture show the thing is done more crudely and the imagery is real; on the radio it is more cunningly concealed. Like flattery, it can be conveyed by the tone of the voice. In radio the broadcaster should always remember that he is an invited guest to the home of the listener. His obligations are obvious."

"Gramophone Romance."

ON the first of my pages for the "Radio Record" I referred briefly to Mr. T. Lindsay Buick's charming book, "The Romance of the Gramophone." The fact that this excellent and most comprehensive history of recorded music is practically unknown among gramophiles even in Wellington (the city of the book's birth) led me to prosecute some inquiries. From the publishers, Messrs. Ernest Dawson Ltd., I learn that the book has not met with anything like the measure of support that it merits. Orders for odd dozens and half-dozens still filter through from America and London, and at times from Australia, but New Zealand seems oblivious to the fact that the only complete history of the gramophone in English is a product of our capital city.

"Music in the Air"

IYA listeners will be well advised not to miss a feature on Saturday, September 2, in the shape of vocal gems from Kern's musical adventure, "Music in the Air," scheduled for 9.47 p.m., and sung by the Light Opera Company. This most tuneful and delightful work has a cast that spells music throughout. The characters include a musical star (feminine, of course), a playwright, a music teacher, a school teacher, a music publisher, an orchestra leader, and a bird breeder! The action is in the present day, and the "book" and lyrics are the work of Oscar Hammerstein II (son of the famous grand opera impresario). The vocal gems are exquisitely rendered.

Hearing Maggie Teyte**BROADCASTS**

of the famous English soprano, Maggie Teyte, and the Welsh tenor, Tudor Davies, are announced by the Australian Broadcasting Commission. Both these artists are well known to New Zealand listeners, of course, through their records being broadcast by all the Y.A. stations. Their sterling musical qualities are unquestioned, and if a Dominion tour is possible, we are in for a great treat. In light French opera numbers especially, Maggie Teyte is little short of perfect, whilst in oratoria, Tudor Davies is absolutely at home. He is, of course, a famous operatic tenor. Here's hoping they may both cross the Tasman soon!

Two Glorious Albums

FROM advance information received. I learn that H.M.V. have recorded Donizetti's "Don Pasquale" on fifteen 12-inch discs, and Columbia have issued Verdi's "Falstaff" on fourteen 12-inch records. In the former work, which achieves its 90th birthday this year, Tito Schipa does the role of Ernesto to perfection, according to "W.L." in "The Monthly Musical Record." The work contains literally dozens of good tunes. In the "Falstaff" the team work is outstanding. Verdi was at his best in this, his last, opera, and his power of dramatic expression

leaves the listener amazed. The title role is sung by no less an artist than the baritone, Giacomo Rimini, who in his day made some gorgeous records for Brunswick. I am looking forward to a musical treat when these products of Milan arrive.

A Delius Society

TO those who know and love the works of Frederick Delius, the Yorkshire composer, there is, in the

A Wandering Cantatrice

THE song "Lo! Here the Gentle Lark," was composed by Bishop for the express purpose of displaying the fluency, sweetness and volume of his wife's voice. Anna Bishop, while yet a beautiful student of 17 at the Royal Academy of Music, London, met, fell in love with and married the great English composer. He was at the time easily the most distinguished figure in music in England. But neither the chains of domesticity nor success could hold Anna Bishop, and she eloped with Robert Bochs, a once famous French composer and artist, thus deserting her husband and three small children. From this on to the end of her career she was indeed a roving prima donna. After wandering in Europe the elopers rambled round the world, Bochs dying in Australia in 1855, while Anna returned to America where she found her third and final spouse.

Shipwrecked

IN going from the Sandwich Islands to China, her vessel was wrecked and she was rescued after three days' exposure, having lost all her wardrobe and valuable jewels—the collection of a lifetime. She still went on to Australia, India, and made a farewell visit to London. Once having read the life story of this amazing woman no one can listen to "Lo! Here the Gentle Lark," which in so many ways was literally her own song, without visualis-

ing the witty, versatile and dainty piece of femininity heroine of Rossini's comic opera, "The Thieving Magpie," of Bellini's tragic opera, "Norma," and a one-time queen of song.

Flowers for Singers

IN a chat with a prominent singer recently I was surprised to hear her pronouncement upon the ill-effects of the scent of flowers upon the vocal organs. Confirmation of this I discovered in Percy Scholes's "Crotchets," where he mentions Santley's objection to flowers on the platform, as the odour, he said, "made his voice husky even to hoarseness."

LATE SPECIAL

Winners Announced

Wellington and Dunedin Competitors Successful in Beauty Contest

WORD was received by cable from America a few minutes before we went to press that the winners in Paramount's Search for Beauty Contest were Miss Joyce Nielsen, of Wellington, and Mr. Colin Tapley, of Dunedin. The successful competitors will sail from Auckland by the Matson liner, Monterey, on Saturday, September 23, for Los Angeles, to take part in a picture, the filming of which will take about five weeks.

Miss Nielsen is an old girl of Marsden House School and a prominent member of the Wellington Repertory Society. Her father is a well-known



S. P. Andrews, photo.



Patillo, photo.

THE SUCCESSFUL COMPETITORS—Joyce Nielsen, of Wellington, and Colin Tapley, of Dunedin, the winners of Paramount's Search for Beauty Contest.

solicitor in the capital city. Mr. Tapley, who is a son of an ex-Mayor of Dunedin, was educated at Christ's College, and spent a year or two studying aviation in England. The runners-up in the contest were Miss Esther Rose, of Christchurch, and Mr. George Craike, of Hawke's Bay.

words of the proposed Delius Society's prospectus, "an unfilled gap in the library of recorded music where his major works, while often performed, are not recorded at all." Nor will they ever be recorded while the considerations of commercial success come first, as indeed they must do in the eyes of the recording firms. Norman Cameron, writing in "The Gramophone," proposed a Delius Society to fill the gap. Sir Thomas Beecham undertook, with his characteristic generosity, not only the presidency of the society but the responsibility for the recording. On 1000 members being obtained, the first album will be issued, viz., "Appalachia" (for orchestra and chorus).

Giving New Zealand the

TO some readers no doubt the most interesting time-signal of the day is the mellow period when the town clock is about to strike 6 p.m. Then, in places where men congregate to forget for a brief spell their worries and cares an announcer (who possibly would not qualify for a similar position in a broadcasting station) wends his way through the jovial throngs with his stern, though courteous, reminder of "Time, gentlemen, please!"

In an equally courteous manner the announcer from 2YA informs listeners at stated periods of the day that "We are now standing by for the observatory time-signals." To many listeners these time-signals are a source of real annoyance, but if a few minutes' consideration is given to their significance and importance, it will be realised that they are a most important factor in the national broadcasting service.

In England, the time-signals from Greenwich have been superimposed upon the programmes, and there has been a long battle between the aesthetic and the practical, resulting at last in a victory for the aesthetic. The time-signal from Greenwich is one of the most useful things broadcast, but it has also proved, to sensitive listeners, one of the most annoying. Music-lovers frequently complained of the jarring effect of the well-known "pips" upon their enjoyment of the concert that was being broadcast at the time. Now the claims of the aesthetic are to be satisfied. Starting this month, a new system will be introduced. Except for the time-signals at 10.30 a.m. and 6 p.m., any time-signal which, superimposed on programmes, would have a definitely inartistic effect may be suppressed. If it is possible to put it out at the next quarter, that will be done, with an announcement making clear which quarter it is.

Even the two regular signals, at 10.30 a.m. and 6 p.m., may, in exceptional circumstances and after previous announcement, be similarly suppressed. How-

ever popular the "pips" may be, no one would wish to hear them superimposed, for instance, upon a speech from the King, or upon the Cenotaph service on Armistice Day. However, listeners who depend upon broadcasting for their knowledge of the exact time may be assured that the regular morning and evening signals will not be interfered with except for some very adequate cause.

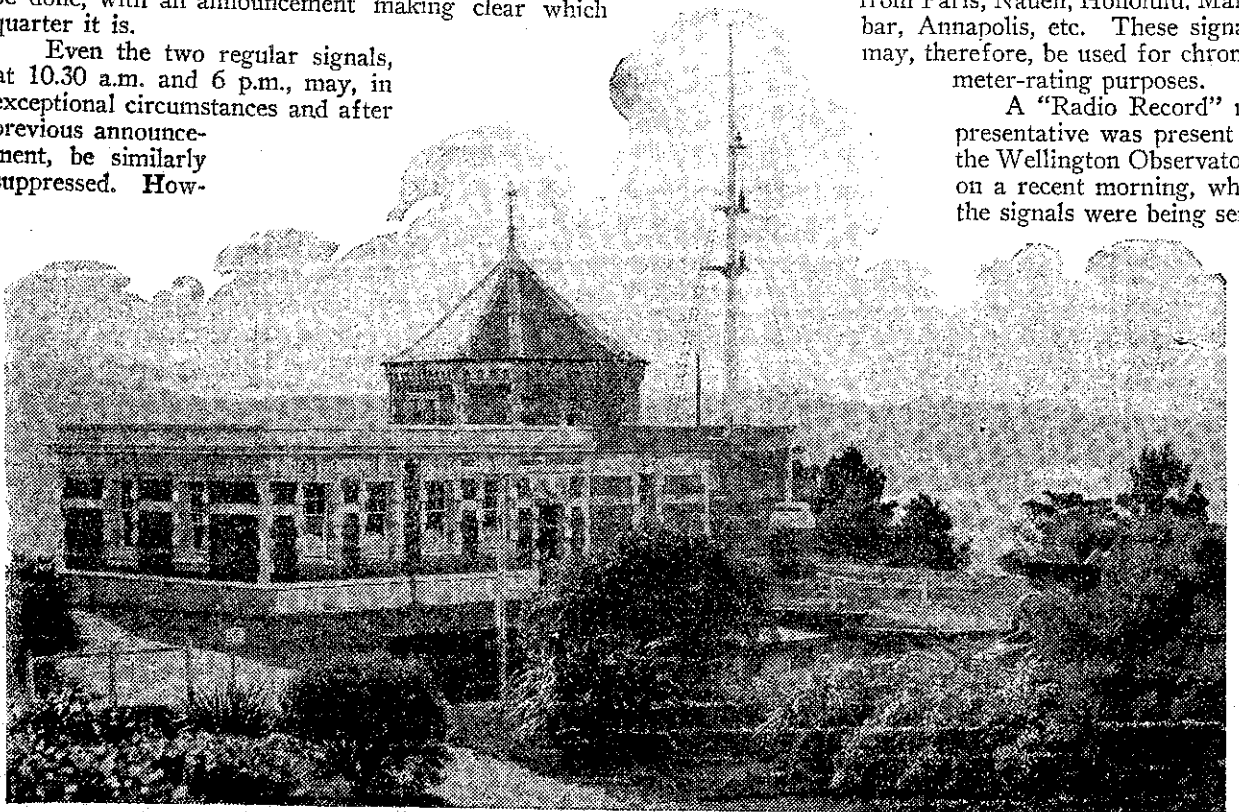
AS a matter of actual fact, few listeners realise the service which these signals render. Although it is quite true that they carry no special significance for the average listener, they are of great importance to shipping and to scientific bodies throughout the country, particularly to those engaged in seismological investigation.

In New Zealand the Broadcasting Board is co-operating with certain scientific bodies in various parts of the Dominion, and the morning time-signal, at 10.30, recently introduced by 2YA, was to a large extent introduced for their benefit, with a view to aiding the investigation of earthquakes and their effects—a subject, of course, of major concern to the whole Dominion.

The value of the signals to shipping is another factor which is not generally realised by those listeners who are apt to throw brickbats at the Broadcasting Board for superimposing this service on the daily transmission.

The time-signals broadcast by 2YA each day are from the Dominion Observatory, Wellington. The signals are as accurate as it is possible to make them, as the standard clock is checked frequently by astronomical observations and by comparison with time-signals from Paris, Nauen, Honolulu, Malabar, Annapolis, etc. These signals may, therefore, be used for chronometer-rating purposes.

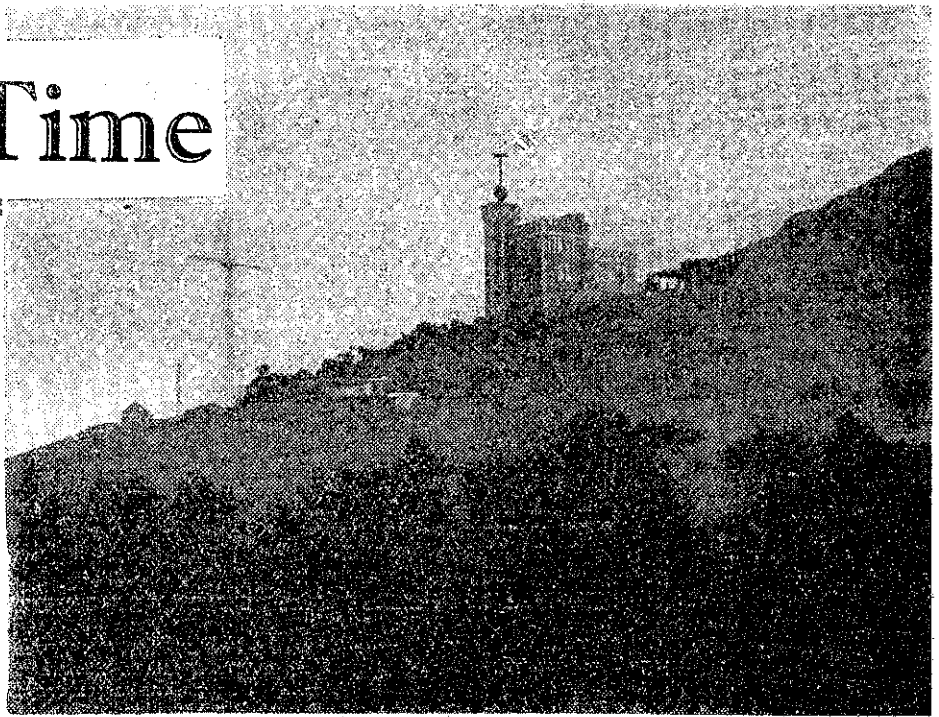
A "Radio Record" representative was present at the Wellington Observatory on a recent morning, when the signals were being sent.



"TWEEN WIND AND WATER.—The Dominion Observatory, at Kelburn, which has a wonderful view of Wellington, the harbour and the surrounding hills. It is from this building that the New Zealand time signals are transmitted to all parts of the world.

Right Time

LYTTELTON LAND-MARK.—The time ball and tower standing on the hillside at the entrance to Lyttelton Harbour. Time signals are transmitted by the dropping of the ball at four hours, G.M.T. on Tuesdays and Fridays. The time is supplied by direct signal from Wellington.



In a room which seemed filled with instruments, observations were being taken to check the time of the standard clock. Firmly mounted on a brick and cement base was an impressive brass telescope—the same telescope that was used when New Zealand's longitude was first determined accurately in 1883, when time-signals were obtained by the newly-laid cable from Sydney.

THEN, as 10.30 approached, more people came into an adjoining room, and everything was prepared. An ingenious machine, which automatically sends the preliminary signals, was started, and we heard them through a small loudspeaker. At the same time a record of the signals was taken on paper in a manner vaguely reminiscent of those inexplicable instruments sometimes seen in watchmaker's windows. This was afterwards checked to discover how accurately the signals had been sent. They are seldom more than a quarter of a second out, and are usually much more accurate than that, the reporter was told.

Though the signals are used mainly within New Zealand and by ships in New Zealand waters, they have been heard at considerable distances from the Dominion, the farthest being over 4000 miles way.

The first signal is transmitted from the Observatory at an exact hour of Greenwich mean time, and its commencement denotes the beginning of the hour. The signal is repeated at the first, second, fourth and fifth minutes. Each signal is approximately three seconds in duration. This

completes one set of time-signals.

AT Auckland time-signals are given by means of lights supplied from the flagstaff on the Ferry Buildings by extinguishing three electric lights at 9hr., G.M.T. (Greenwich mean time). The lights are shown vertically and are 6ft. apart, white light is uppermost, red in the centre, and green below. The green light is shown 50 minutes, the red ten minutes, and the white five minutes before the signal. Simultaneous extinction of all the lights at 9hr., G.M.T., is the time-signal. Should the signal fail, the red light continues burning until 9hr. 05min., G.M.T.

The lights are extinguished by direct signal from the Observatory, Wellington, on Tuesdays and Fridays.

Wellington also has this type of signal from the flagstaff at the Dominion Observatory, 416ft. above high water, given by extinguishing three electric lights at 9hr., G.M.T.

At Lyttelton time-signals are supplied by dropping the time ball at 4hr., G.M.T. The ball is dropped by direct signal from the observatory at Wellington. The signal is made on Tuesdays and Fridays only. The accuracy of the time ball at Lyttelton, however, cannot always be relied upon.

Dominion Observatory

Z L Y

MORSE CODE FROM WELLINGTON.—Hanging in the Observatory at Wellington is the card printed above. The three letters, with the Morse beneath, form the Observatory's call, which is given before the time signals are transmitted.

A Page for Letters from Listeners



Was Announcer Biased in Walker-Oswald Match?

To the Editor.

Sir,—To-night we tuned in to the Walker-Oswald bout at Wellington, and according to the announcer, Walker was the only man in the ring. In my mind I think Gordon Gutter the ideal announcer, as he is always neutral, and we get a vivid description of the bout. Last Tuesday night the announcer at Christchurch was a Walker fan evidently, and the bout there consisted purely of Walker. In New Zealand thousands of wrestling fans listen in to the broadcasts, but a one-sided broadcast is far from interesting. Hoping to hear a fairer description of bouts in future from Christchurch and Wellington.—I am, etc.,

"LISTENER."

Lyndhurst.

Atlanta's Views On Dance Music Nine Years Late

To the Editor.

Sir,—Many thanks to "Avolub" for the support he has afforded me on the subject of the appreciation of dance music. In my previous letter I stated that I considered Ray Noble's orchestra a very fine one, but as I had exceeded specified length the statement was omitted.

"Atlanta" has taken me to task for stating that American bands are the finest exponents of dance music. Any student of the subject, however, will agree with me that "Atlanta's" opinion is misguided. The average listener cannot judge whether a dance record is British or American, and he cares less. Personally, I have never heard any expressions of hostility toward American bands, but any such that are made can be put down to ignorance. "Atlanta's" views on American bands are nine years out of date. Saxophones are very sparingly used as melody instruments on recordings nowadays, while perhaps the "brass" is over-prominent. Evidently "Atlanta" has not heard Duke Ellington's Band, judging by his "uncivilised din."—I am, etc.,

WELLINGTONIAN.

Christchurch.

A Very Dead Body Inside A Wireless Set!

To the Editor.

Sir,—In your last week's issue "Winch" mentions how radio inspectors, Messrs. Fly and Bumble Bee, perished whilst making an examination of the chassis of the radio set he was called in to service. "Winch," however, only found members of the insect world, but I can give an instance of a four-footed animal giving similar trouble, and possibly other correspondents will carry on until all the occupants of the ark are brought in.

A customer recently rang me up and asked me to go along and inspect his radio set. On my arrival he said that whilst

the set was operating all right he had to tune in quickly and then retire to a safe distance as the unpleasant odour coming from it was overpowering.

The matter was put right, by the removal of the remains of a large mouse, which was entangled in the wiring, and the customer was advised to go in for a smaller and cheaper mouse trap.—I am, etc.,

FINCH.

Raetihi.

Listeners' Letters Mostly "Up In The Air"

To the Editor.

Sir,—what a lot of egotistical grouchers write letters to the "Radio Record!" It seems that everyone of them is so selfish that he just wants the sort of programme that he likes—a "Hang you! I'm all right" sort of attitude. And for the most part their letters are well up in the air with little real constructive

could take on the job. Not one in a thousand is my guess. I am sure our announcers compare well with those in other countries, especially the genial Clive of 2YA, who is outstanding in every way, and whose delightful voice is a treat in itself when it comes over the air.

Now, as regards grouching, there are one or two real things to grouch about. I note we have just passed the 100,000 license mark, and we still pay 30/- per year for our licenses. I think that the passing of this said 100,000 mark should be celebrated by a reduction in the fee. As far as I can gather we pay one of the highest fees in the world, and the time has now come when a reduction should be considered, as wage cuts, interest reductions, and so on have been the order of the day. Another "grouch"—outside interferences. What can we do about this? It is time some drastic move was made. We in New Zealand have to put up with a lot in the way of interference with radio reception that would not be tolerated in many parts of the world.

Now, for a selfish grouch. I fail to see why in Dunedin we need three B stations on the air at once, with 4YA going too. It means that practically a third of the dial is useless, and when all is said and done, there is room for improvement in programmes and transmission from these B stations.

However, to get down to bedrock, there are real things to grouch about. So instead of finding fault with programmes, artists, and announcers, why not try and improve matters regarding fees, interference, and so on.—I am, etc.,

C. RADIO II.

Dunedin.

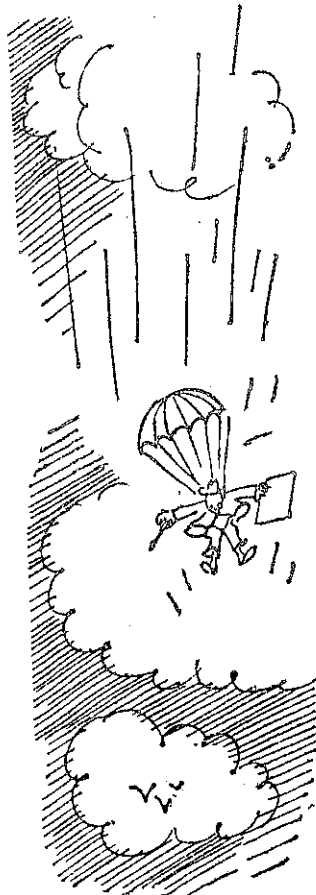
Alternate Jazz and Old Time Dance Numbers

To the Editor.

Sir,—As one who dislikes jazz music and jazz dancing, I offer the following suggestion for what is at present called the dance session on our evening programmes—one dance item to be old time, followed by a jazz item. At present it is a fox trot three or four times in succession, and then a waltz. Such an arrangement does not constitute a really enjoyable dance session, more especially out in the country where one's only dance floor is the kitchen, barn or woolshed.

I cannot agree with "Avolub" when he says people must be educated "up" to the subtleties of dance music, and haters of jazz would find themselves liking it. I could never be brought down to jazz, let alone 80 per cent. of a session of it three nights a week, as at present. I wish to be fair to both the liker of jazz and the lover of a properly balanced old time programme, and in this way only will the broadcasting of dance programmes please 90 per cent. of the listeners.

The Broadcasting Board by the marked improvement in every session, bar the



criticism in them. These grouchers do not seem to realise that there are 365 days in the year, and each YA station puts on at least three programmes per day, which means between four and five thousand programmes per year, and the stupendous and almost hopeless task of trying to please everybody. It is amusing to read how these grouchers try to criticise and find fault with our Board announcers. I wonder how many of them

dance session, has shown that it is out to satisfy the majority, so why not rearrange this session and so secure a few more supporters?

Your paper is worth the extra penny per copy, and I trust you keep it interesting as at present.—I am, etc.,

DX35A.

Te Kauwhata.

Shilkret Says Taste Is A Matter of Experience

To the Editor.

Sir,—I am enclosing some excerpts from an article by Nat. Shilkret on Radio Broadcasting, which may prove of interest. As you are probably aware, Shilkret has a great list of achievements and activities in the music field; he directs a few radio hours; he arranges sound recordings and synchronisation for several talkie companies; he is known internationally as a famous composer and arranger; he is an accomplished musician instrumentally, having played in the world's greatest symphony orchestras.—I am, etc.,

WELLINGTONIAN.

Christchurch.

Enclosure

"There is no reason why jazz should be spoken of as something different from other musical materials. After sane analysis one must admit that there are fundamentally three qualities of music—good, bad, and indifferent. There is no exact artistic demarcation between classical music and jazz. Some jazz music is good music, artistically wrought, well arranged, competently performed; some "classical" music is bad music, inartistic and lopsided, badly scored, and poorly played. Perhaps the greatest objection to the rhythmic conception we call "jazz" is the fact, not that it is "unclassical," but that it is so often inadequate in an artistic way—that it is monotonous, unoriginal, and insincere.

"In literature we much more readily condemn a work, even on a serious subject, that is inadequately and uninterestingly written, than an intriguing and well told story on a subject of passing value. In music we have begun to reach that point. . .

"To play what the people already like does not require much of a talent. Anyone but a simpleton could do it, and find his work cut out for him. But to acquaint audiences with excellently played new material, music that they will come to be fond of, demands knowledge, tact and musicianship. Here is the field for the better director.

"You can please them for a time, certainly, on what they've already approved (it's so easy), but when they grow tired of the monotony of listening to the same music incessantly, as they must eventually, then what's to be done?

"You must get off the beaten path! Pioneer! Assume that audiences have a higher musical intelligence than we've been led to believe (and they have!). Taste is largely a matter of experience. If the people are given no chance to hear anything new or unique, it is foolish to expect them to acquire a taste for better music. It is the musician's job to help the public form its tastes, by feeding them new, healthy morsels that are tasty."

Is Baden-Powell's Name Correctly Pronounced?

To the Editor.

Sir,—I note in the current number of the "Radio Record" that a correspondent styling himself "Oxford," in referring to what he calls "swank" from 2YA's an-

nouncer, says that he is not certain about the correct pronunciation of Baden-Powell.

May I be permitted to remark that Lord Baden-Powell pronounces his name as "Baden-Poel," and not as the average person would pronounce it, i.e., "Badden-Powel." I noticed this in the course of one of the Chief Scout's speeches, in which he referred to "Lady Baden-Powell and myself."—I am, etc.,

"Q-MARK."

Wellington.

One Man Cannot Plan 365 Programmes a Year

To the Editor.

Sir,—From the suggestions and criticisms in your pages it is fair to state that most healthy-minded people feel the lack of some vital element in radio programmes. That this is due to the absence of imagination, personality, and that indefinable something that possesses the power to express emotion would be a sane and reasonable explanation. The absence of human emotion from radio is finding expression in criticism. (Rather



SEVERAL of our correspondents this week have overlooked the ethics of a newspaper battle, and their letters have found a resting place in the W.P.B. These columns are open for the expression of all shades of opinion, but please—no personal thrusts! Some other letters have had to be held over, together with a fair amount of material for our ordinary news pages.

this faculty at the expense of the sympathetic understanding of true art.) "The sacred soul of self-expression," to quote the president of the Wellington Competitions Society, "must struggle against the forces of acquired learning and barren cynics, and grow inward instead of outward."

When it is remembered that Ibsen took two years over a play (or in other words, two years to evolve several hours' amusement), and poets a lifetime to produce a few lines of verse, it is not only absurd to expect one man to produce 365 programmes a year, but it's a sign of a decadent mentality in the people of the a failing of British peoples who exploit country who even suggest its possibility.

Some day radio programmes will rise to a place among the immortals in art, when every human emotion is expressible. Your method of getting ideas is good, but beware of its abuse. Often encouragement (not money, but the old laurel wreath) to those who have ideas results in their work being put over the

air, giving them that atmosphere of encouragement so necessary to the true artist. Don't overdo it, it's British I know, but it's not nice, and only turns artists into critics.—I am, etc.,

GEORGE MILLSON.

Blenheim.

Farmer Wants Forecast In The Mornings

To the Editor.

Sir,—Here is a small suggestion I should like to make.

Now the time is coming on for the special farmers' weather forecast, would it be possible to arrange that it be given at 10 a.m., when the station opens in the morning, instead of 8.30 p.m.? This arrangement would help the farmer a good deal should the forecast be favourable; it would mean, when the hay season is on, a saving of 50 hours' work if there were 10 men working that day.—I am, etc.,

COCKY.

Owhango.

Listener With Absolutely Nothing to Grumble At!

To the Editor.

Sir,—To some people it appears (from the "Radio Record") that the Broadcasting Board is like a wet climate, it affects some more than others—e.g., "Disgusted" and friends. But I for one can find absolutely nothing to grumble at; there is more than one station in the world, but I must admit I prefer light music.

The Grand National meeting relay was just okay, and I am very glad to see that 2YA is going to broadcast the inter-collegiate football tournament on Monday.

May I say this to the B.B.: "Just keep on keeping on."—I am, etc.,

E.A.B.

Hastings.

Announcer Out of Breath After the Mazurka!

To the Editor.

Sir,—Why was not the music for the 4YA old-time dance held in Dunedin on July 29 in keeping? I think the modern music spoils the atmosphere of an old-time dance. The quarters were really good, also the M.C., even though he was obviously out of breath after the mazurka. He enjoyed it, I hope. Yes, the 4YA announcer does speak too loudly. Why not copy 3YA a bit? The assistant announcer could do with some strengthening—his voice is weak. Give us more humour these long nights.—I am, etc.,

COUNTRY LISTENER.

Mosgiel, Otago.

Correspondence

Letters to the Editor must be written in ink, on one side of the paper only, and must be accompanied by the name and address of the writer, not necessarily for publication. As space in the correspondence section of the "Radio Record" is strictly limited, correspondents are asked to restrict their letters to 250 words or less. Writers who disregard these rules will excuse us from noticing their letters.

STATIC by "SPARK."

Right Is Not Might In Law Courts

Just Case Useless Without Good Counsel—Will Bishop Was Star Turn of Week—Life of George Borrow, Greatest English Vagabond.

IT is not sufficient to have a just case even if the law be perfect, and this was the burden of Professor H. H. Cornish's most interesting contribution respecting efficient counsel. No injustice of modern times excited the mass of the people so greatly as the Archer-Shee case. Concerned with the rights of the subject, many were of the opinion that had circumlocution and privilege prevailed, the Magna Carta would virtually have been rendered ineffective, and all classes in England, where autocracy gets severely handled, were behind Sir Edward Carson in his fight to have the case tried before a jury. Had a weaker or less astute advocate been engaged, privilege might have won.



nessed a gross injustice, done with all the majesty of legality. The subsequent clearing of an innocent boy's name added respect for law.

ONE of the high spots of the week was Mr. Will Bishop's fifteen minutes' foolishness at the piano. Had it not been for a tonsil in disrepair—probably through want of lubrication—we might have heard an emulation of Taubert singing a duet with himself, for Mr. Bishop possesses the originality to achieve so difficult an accomplishment without mechanical aid. There is no comic-song writer in this quarter of the globe who can compare with Mr. Bishop, whose intimacy and localisation of his themes make his songs really comical. To parody our conventions in plain prose is an achievement, but to be able to do it in music and verse is a heaven-sent gift.

THE precision and general finish of St. Patrick's College scholars' orchestra was quite a revelation, and the performance relayed by 2YA did great credit to all concerned. It is not unusual to hear a boys' brass band play in tune and show appreciation of musical cadences, but it is seldom one hears a youthful orchestra give so fine a performance. As might be expected, the choir's numbers were of the highest standard. The dramatic recital of Master Luke and the finished playing of Master Johnston added meritorious variety to a concert that adults might have been proud of.

A LOVE of vagabond life was what might have been expected of George Borrow, according to Mr. B. R. Bliss. His predilection for the fancy was a legacy. During the time that Europe was in the melting pot,

his father, the youngest of seven brothers and of gentleman stock, became a recruiting sergeant. His duties took him to every corner of the Kingdom and among every type of hardy humanity, and he found a wife in a member of an obscure travelling company. Mr. Bliss recalled Borrow senior's dispute in Hyde Park with Big Ben Brain. They fought for an hour, then shook hands, each having appreciation of the other's worth. Four months later Brain was declared champion of England, only to die shortly afterward in Borrow's arms.

THE quest for recruits took the Borrow family to every part of the country and George Borrow's schooling was a very varied one. At 11 years of age he went to the Norwich Grammar School, but he had learned a lot that cannot be acquired at an academy. He was then already a vagabond. He was a mere baby when he possessed a

MODEL PROGRAMMES

Operatic Classics

Have you prepared your entry for the "Radio Record's" next programme competition? A prize of one guinea will be awarded to the competitor submitting the best operatic classical programme, occupying, approximately, 2 hours in performance.

Mail your entry to the Editor "Radio Record," P.O. Box 1032, Wellington, before Saturday, September 2.

tame viper and met his life-long gypsy friends who recognised a kindred spirit when the boy defied them and produced the viper. Recalling Mr. Petukengro's assertion in 1842 that no living remained for the gypsies, Mr. Bliss remarked that their caravans make a not unfamiliar sight in England's incomparable lanes to-day.

AT the age of 14 Borrow was actually present at a prize fight. In those stirring times fistic combats had the approval of every class of society, but public opinion of them changed when ruffians took control and Europe settled down to peace. Boxing then served a national purpose. It was a noble sport that was not animated by vengeance or easy money, but followed just for the love of manly prowess. Borrow's descriptions of his own combats are tantalisingly meagre, said Mr. Bliss. We can feel sure, however, he put up good fights and fair ones. After marriage, Borrow travelled extensively and furthered his knowledge of his fellow-creatures and eventually retired to a lovely cottage, where the gypsies were always welcome.

IN his days of retirement, Borrow nursed a grievance. In 30 years only about 3000 of his books had been sold, and yet his descriptions of the countryside of his time, and its life have no equal. It may be assumed his own attitude toward existence was expressed in Jasper's recital of the joy of living. He would have liked to live for ever, just to feel the wind on the heath. Although he gave us comparatively little in these days of soft sentiment, we should be glad of what he did give. The normal man will always regard him as unique, for he was deeply religious, and he loved a horse, a fight, and his ale.

THE thumb-nail sketch of Debussy, given by Dr. Cyril Jenkins, should help in comprehension of that composer's works. Debussy's themes are of the open spaces, the wind, sky, and water, and every time one of his compositions is heard something new and original is discernible in it. He never dealt with human emotions, and his only opera was a Maeterlinckian impression, with human names for convenience. Dr. Jenkins likened Debussy to a landscape painter, rather in water colours than in oils, and regards the works of the Germans as coarse in comparison.

GOLF didn't appeal to Mr. Arthur Duncan when he first handled a sister's clubs, for there appeared to be no element of danger in the game. Had smacking the ball fairly been as easy as it looks it wouldn't have appealed at all, but that's how it captures every player, and while the open spaces, pleasant surroundings, and congenial company attract, it is the long flight of the ball that conjures the subscription. In 1893 there were only two golf clubs (possibly three) in New Zealand, with a total of about 600 mem-



bers. To-day there are 217 clubs and 17,000 members. The increasing popularity of the game is well observed in America, where players on many courses have to be on the field by 6 o'clock in the morning. Golf is even threatening to displace baseball as the national game. Mr. Duncan made a plea for more municipal links, mentioned that all are self-supporting, and gave it as a well considered opinion that Bexhampton is one of the best courses in New Zealand for a beginner to learn on.



A Digger Answers His Comrade's Plea

SINCE we published an article recently by Bertram Potts on the Wellington Carillon we have received letters from readers in all parts of the country in commendation or criticism of the article. We publish below a letter written by an ex-soldier in North Auckland to Mr. Potts—also a set of verses enclosed with the letter.

MAY I, as one Digger to another, congratulate you upon your very fine article in a recent issue of the "Radio Record" on the Carillon. If I were to go on writing from now until morning I don't think I could convey to you how much I was touched by your beautiful pen-picture.

I agree with every word you wrote, and then some. I would like to be able to afford to pay to have that article of yours blazoned forth from the front page of every daily paper in New Zealand, but I am very much afraid that a great many of them would not have the moral courage to print such a truthful and scathing article. I am by way of being somewhat of a "free lance," and do quite a fair amount of scribbling in a modest way, and on one or two occasions have penned an article along the same lines (not necessarily about the Carillon), but about the state of things in this beautiful Queen City of the North.

For instance, they have just had a "prosperity" week up here, which really ran for a fortnight, and you will see by the papers that they raked in the shekels to the tune of well over £10,000, out of which sum I very much doubt if any of the Returned Soldiers' Associations will receive anything.

Unfortunately on account of my being up here practically in the backblocks I was unable to do anything beyond making suggestions to one or two like my friend Albert Russell, but he was powerless to do much. You would have thought that among the twelve Queens put up for election they would have nominated a Returned Soldiers' Queen.

If we who are a little more fortunate than our mates cannot do a little now and again to ease their load, well then life's not much of a catch. I have been trying for some time past to inaugurate a Diggers' Session from one of the Auckland B stations, thus emulating your own 22W. Being an old professional of wide experience in the art of entertainment, I offered to make myself responsible for the weekly programme of one hour per week, but the said station,

though well aware of my capabilities in the entertaining line, and having complimented me upon my broadcasts from their station, turned my proposition down, giving as their reason the excuse that they have to study their sponsored programme clients, and would not be able to spare the hour; in other words, they could not sacrifice a paltry two guineas on one night

of the week to cheer the men in hospitals who made it possible for them to own those self-same stations to-day. However, I still have hopes. The very first night

I get on the air I am going (with your permission, of course) to read your able article on the Carillon (how I wish the "Radio Record" went into every home in New Zealand), and if that does not make them think, well, then they must be petrified.



I am very bitter on this subject, because I realise that the boys who have asked only for bread have been given a stone. You, my friend, know anyhow, and you can feel for them, for you have been through it as I have, and you and I know that these men are not asking for favours. All they want is the right to work, a decent home, and what's more to the point, the respect and sympathy of their fellow-citizens. One farmer said to me the other day when I asked him to buy a poppy for the Returned Soldiers' Fund, "There are no returned men now. We are all the same—civilians," and he had not been to the strafe. Well, I could go on, ad infinitum, but I guess I had better knock off before you think I am a "nut" case. Once again let me express my thanks to you for your able article, and I should like, if not too much trouble, to hear a word or two from you on the subject.

"I'm just a blinkin' Digger, what is truly down and out;
There's plenty blokes like me around—just cast yer eyes about—
Some battlin' in the country, and there's 'undreds in the town,
Just 'angin' on, and 'angin' on, without a blessed brown!

"What's goin' to 'appen—goodness knows—to Diggers just like me:
It makes yer wish yer'd stayed be'ind in far Gallipoli;
We would 'ave been much better off if we 'ad got a crack
And saved a lot of bother if we never 'ad come back!

"It 'appened just the other day, I met another Dig—
'E stopped me by the Cenotaph and stung me for a cig;
I 'adn't 'ad a coffin nail since Adam was a boy,
And if I'd 'ad a fag-end, I'd a given it with joy!

"We yarned about them far off days, of death, and lice, and rum,
We was feelin' pretty 'ungry, and was lookin' mighty glum,
When I 'appened to look downward (a thing I often do
For a 'gasper' in the gutter sometimes means the world to you!)

"When all at once I saw a paper lyin' on the kerb
And somethin' seemed to say to me: 'Just grab that journal 'Erbi'
It was the 'Radio Record,' New Zealand weekly of the 'air,'
And famous for its articles—I couldn't 'elp but stare;

"I picked it up, and sure enough, as true as I'm alive,
I found some thrilling reading there, which filled up all page five!
'Twas written by some author bloke, a chap who'd scribbled lots,
By cripes, he was a Digger, too—is name was Bertram Potts!

"'E wrote about the Carillon, and in 'is piece 'e tells
It's best to 'elp the livin' first than ring a lot of bells!
The bells no longer jangle forth their tunes, and—so it's said—
They're raisin' money for our pals—for them, alas, what's Dead!

"This writer bloke, 'e's got some sense—'e's out to fight for us—
'E reckons that it's 'ighly time they stopped this blinkin' fuss!

"If yer wants to raise some oscar, if yer've got so much to burn—
Then give it to disabled Digs., 'twill be a slight return
For what they did for you upon the battlefields of France—
But do not think about it twice, for now's a splendid chance!

"Just 'ark to what 'e sez about 'is poor old pals what fell,
And 'ow they'd like to know the spared was treated mighty well;
They'd rather that the 'oot was spent on them what wants to-day,
Than spend it on Sweet Memories—it's far the better way!

"We shouldn't need a peal of bells, nor monuments of stone,
To make us think of loved ones lost—their deeds are too well known;

Whenever it is possible, it's up to great and small
To 'elp the broken Digger who responded to the 'Call!

"Now ain't that just a bit all right—a message full of cheer,
And should be printed in the papers published far and near;
By cripes, 'is words fill me with 'ope, they rings so bloomin' true—
I really think our turn will come—I 'ope so, Dig, don't you!"

The Piped Piper's Page

— News, Views and Comments —

Looking Forward

1YA

Sept. 1: B.B.C. Programme, "World's Away."

2YA

Sept. 7: Relay of Apollo Singers' Concert, featuring "The Desert."

3YA

Sept. 10: B.B.C. Programme, "Ellan Vannin."

Sept. 16: B.B.C. Vaudeville Programme.

4YA

Sept. 10: B.B.C. Programme, "World's Away."

Sept. 16: B.B.C. Programme, "Songs from the Shows."

Sept. 30: B.B.C. Vaudeville Programme.

THE programmes for the coming week are, if anything, rather better than usual, and include several features which merit the term outstanding.

PRIDE of place on Monday evening must be given to 2YA, which will be relaying from Otaki a Maori demonstration and concert under the direction of Mr. Kingi Tahiwai. Otaki is one of the most interesting spots in New Zealand historically, and is still the dwelling-place of some of the Dominion's most talented Maoris. The Tahiwai family, now known, per medium of their gramophone records, in most parts of the world, hail from Otaki, and will no doubt play no small part in Monday evening's entertainment. On the evening under review, 1YA will present recordings until 9.2 p.m., when the usual weekly relay of wrestling from the Town Hall will be broadcast. From 3YA the Ashburton Salvation Army Band will present a varied programme, and from 4YA listeners will hear a programme of recordings, featuring for the most part numbers not hitherto broadcast from the southern capital.

THE four programmes on Tuesday evening offer an attractive choice of entertainment, with something for practically every class of listener. My own personal taste is divided between 2YA and 3YA. From the former station, the B.B.C. programme "World's Away" is scheduled for 9.2 p.m., and this, I understand, is a feature not to be missed. From 3YA a two-act drama of the sea, "Legend," is to be presented, and this also is "one out of the box." The programme from 1YA includes some new recordings, which will assuredly prove entertaining to northern listeners. From Dunedin a bright and varied programme is promised, including recorded selections by the Band of H.M. Coldstream Guards, and vocal

solos by Freda Elmes (soprano) and W. J. Kershaw (bass).

MISCELLANEOUS studio concerts will be presented by all four stations on Wednesday evening, with periodical relays from the Wellington Competitions by 2YA. From 1YA local artists will include the Marelle Sextet and Mr. Stan Pritchard. Listeners to 3YA and 4YA will be entertained by



STAN PRITCHARD.

the Salon Orchestra, the Philharmonic Four (vocal), and Mr. Mortley Peake in baritone solos. Wellington will be presenting its weekly evening of recorded music.

ON THURSDAY evening studio concerts will be presented by all four stations. Madame Irene Ainsley (contralto) and Miss Norah Whiuery and Mr. C. F. Burnett in sketches, will support 1YA's programme by the Studio Orchestra. The Concert Orchestra and selected recordings will entertain listeners to 2YA with relays from the Wellington Competitions. Many bright numbers appear in 3YA's programme of recordings. The Bohemians' Orchestra, Miss Dorothy Sligo (soprano) and Mrs. Clarice Drake (piano) are the local artists who will be heard from Dunedin.

THOSE who did not hear "World's Away," the recorded programme from 2YA on Tuesday, will have an opportunity of hearing this fine feature from 1YA on Friday evening. Recordings and relays from the Competitions comprise 2YA's offering. A popular studio concert is scheduled by 3YA, including items by the 3YA Orchestra, contralto solos by Miss Belle Renaut, baritone solos by "Jim" Cocks, and a trumpet and trombone duet by Mr. H. Fox and Mr. C. Barsby. 4YA's programme should be of outstanding merit, consisting as it will of a relay from His Majesty's Theatre of the demonstration concert in connection with

the Dunedin Competitions Society's festival.

THE Saturday evening programmes are all bright and popular. 1YA will entertain listeners with the Studio Orchestra, recordings, and Miss Irene Hornblow (contralto). Will Bishop in his "Toolishness at the Piano" will be the star turn on 2YA's programme. The programme from 3YA appears to be a "gloom-chaser." It will be provided by the Optimists' Club and the Y.M.C.A. Orchestra. This programme will also entertain Dunedin listeners, being relayed by 4YA.

THE after-church concerts on Sunday include a relay by 1YA of the Municipal Band concert from the Auckland Town Hall; a studio concert from 2YA, including violoncello solos by Mr. George Ellwood and "An Hour with My Favourite Tenors," by "The Man in the Street." 4YA, relaying to 3YA, will broadcast the organ recital by Dr. V. E. Galway in the Town Hall, with a programme by assisting artists.

MANY weeks have passed since such a fine series of talks were scheduled as appear in the programmes for the coming week. It is gratifying also to be able to record that a better balance is maintained between talks which are primarily educative and those which may be termed "entertainment" talks.

I HAVE referred in previous notices to the talks by Professor T. D. Adams from 4YA. These are unquestionably among the most entertaining talks yet broadcast by any of the YA stations, and I am pleased to note the recognition of this fact by 4YA, which is now scheduling the Professor for 8.30 p.m. instead of 7.30. On Monday evening Professor Adams will speak on "Boxing and Wrestling in Ancient Greece." From 1YA at 7.30 the farming community will be advised on the care of pastures. The 2YA book reviewer will give his weekly book review at 7.40, and from 3YA a further talk on psychology will be broadcast at 7.35 p.m.

THE three talks with the widest appeal on Tuesday evening will probably be Sir James Farr's broadcast from 1YA at 9.2 p.m.—"More Humorous Stories of Public Life"; Margaret Macpherson's talk from 2YA at 9 p.m., "What's All This About Marriage"; and Mr. David H. Graham's talk from 4YA at 9.2 p.m., "How We Dredged the Floor of the Ocean and What We Found There." For this evening 1YA schedules its weekly book review, 2YA its weekly talk for the man on the land, and 3YA its weekly gardening dialogue.

A TALK which should be full of interest and romance will be

broadcast from 2YA at 8.40 p.m. on Wednesday, when Mr. Leslie Greener, of the Oriental Institute, Luxor, will describe his work among the Temples of Ancient Egypt. The talks from 1YA will be "Modern Irish Poetry," by the Rev. W. Jellie, M.A., at 7.30 p.m., and "World Affairs," by Mr. Alan Mulgan, at 9.2 p.m. With the home gardening season right upon us, home gardeners will be well advised to tune in to 2YA at 7.30 p.m. to receive some practical advice from the 2YA gardening expert.

SIX really outstanding talks are scheduled for Thursday evening. "The Workers of New Zealand" series from 1YA will be continued at 7.30, when a mechanic will speak on "Lathe, Fire, and Spanner." From the same station at 9.2 p.m. the Rev. W. Lawson Marsh will speak on "Slave Trading and the Fight for its Abolition." From 2YA at 7.30 p.m. Mr. A. D. McIntosh, M.A., will tell us something about the earliest books, and from the same station at 8.40 p.m. Captain H. M. Talbot-Lehmann, M.C., will narrate further exciting experiences during the period when he was aeronautical adviser in the Chinese Civil War. Adventures with the Rhodesian Mounted Police will be described by Mr. P. Bell-Syer from 3YA at 9.2 p.m., and at the same hour from 4YA Mr. H. Camp will tell another of his seafaring tales—Captain Dick's "Edward Sewall."

OF the seven talks set down for Friday evening, the three which will probably make the widest appeal will be Mr. L. W. Delph's travel talk, "Jericho," from 1YA at 9.7 p.m.; "An Imaginary Interview with the Greatest of all Song Writers," by Dr. Cyril Jenkins, from 2YA at 8.40 p.m.; and "Side Lights on Mussolini and Modern Italy," by Mr. W. R. E. Stephenson, M.A., from 4YA at 7.30 p.m.

MANY strange tales have been told of the Sagossa Sea. Some of these will be narrated by "Old Wire Whiskers," from 1YA at 9.2 p.m. on Saturday, his subject being "Stranded in Slime, or the Haunted Ocean." Another fascinating subject to be dealt with by Mr. Stuart Perry from 3YA at 9.2 p.m. is "Some Famous Open Boat Voyages." These two talks should prove decidedly entertaining as both the speakers can tell a good tale. From 1YA at 7.30 there will be a horticultural talk; from 2YA at 7.30 p.m. a talk on some aspects of child life; and from the same station at 8.40 p.m. Mr. C. E. Malfroy will tell listeners why he considers tennis the best sport and why he plays it.

RADIO again proved its value in a sphere other than mere entertainment on Tuesday morning of last week. The president of the N.Z. Grasslands Association, Dr. A. H. Cockayne, who was to have presided at the association's annual conference in Christchurch was unable to leave Wellington owing to illness. In order that delegates to the conference might not be disappointed in not hearing Dr. Cockayne deliver his presidential address, 2YA placed a microphone in Dr. Cockayne's residence. The doctor delivered his address as per schedule, and this was broadcast by 2YA. A receiving set was installed in the conference room in Christchurch, and the delegates heard their presi-

dent's address almost as clearly as if he had delivered it personally before them.

AT long last it has been ordained that French listeners must pay. The Chamber of Deputies and the Senate have both voted in favour of receiving licenses, 50 francs (approximately £2/10/-) to be payable annually on valve sets and 15 francs (approximately 15/-) in respect of crystal sets. The politicians have turned a deaf ear to appeals to postpone this enactment until after the passing of the long-promised Broadcasting Bill. Thus New Zealand listeners can no longer complain that they pay the highest license fee in the world. Holland is now the only European country where listening is free.

AUSTRALIAN listeners have now had an opportunity of hearing the B.B.C. recorded programmes which Mr. Malcolm Frost brought out with him for use in Australia and New Zealand. The Australian Broadcasting Commission has purchased the exclusive rights to broadcast these programmes for a period of six months, after which they will be made available to the B-class stations by Amalgamated Wireless (A'asia), Ltd. No arrangement has been made regarding future supplies, according to Mr. Frost, but the matter will come up for review on his return to England at the end of the year.

DURING recent months listeners have had several opportunities of hearing the gifted Hulbert brothers in various recorded comedy numbers.

Claude Hulbert, the principal comedian in the B.B.C. recorded programme, "Postman's Knock," became a broadcaster as the result of a tiff with his wife, Enid Trevor, daughter of Colonel Philip Trevor, the famous sporting writer. It happened one morning on the front of Brighton. Mr. Hulbert was late in meeting his wife. Naturally, as is the habit of wives when husbands are late, she began to scold him. Seeing humour in the situation, Mr. Hulbert began to embroider the incident and Miss Trevor, taking her cue from him, started to elaborate it for their own amusement. When they had finished a gentleman sitting behind them bent forward and, evidently believing they had been rehearsing a scene for the concert party with which they were engaged, whispered, "That has been most entertaining. I've enjoyed it so much. Couldn't you manage to put it on the wireless? I am sure it would amuse everybody." On their way to their hotel the two young artists laughed heartily at the episode.

SUDDENLY Mr. Hulbert grew serious. "That's a jolly good idea about broadcasting our tiff. I'll get an introduction to the B.B.C. and see if they'll take it." He did; they took it. Since then Mr. Hulbert and Miss Trevor have written and broadcast other "tiffs," and they are by no means gruelled for lack of matter for these "domestic arguments" as they call them, to amuse those who listen-in.

Wellington Girl Wins Playwright Trophy

Congratulations to Ilma Levy, of Wellington, who has won this year's "Dairy Exporter" Playwright Trophy with her one-act play, "God Made Two Trees." Each year the "Radio Record" and the "Dairy Exporter" offer trophies to the persons submitting the best one-act plays which remain unpublished at the time of judging. Miss Levy's play was performed in Wellington last week during the British Drama League's festival, and was highly commended by the adjudicator, Miss Kiore King.

Miss Levy is no newcomer to the literary field. She comes of a journalistic family (her father, Mr. Ivan Levy, is a well-known journalist and story writer) and has edited and sub-edited the official publication of Victoria College. Miss Levy's success of last week is her fourth literary prize in the past 12 months, and even in the days when she was a pupil at Wellington Girls' College and Chilton House School she was considered something of an infant prodigy in literary circles. Miss Levy's favourite recreation is golf, and she is also an enthusiastic radio fan—in fact her home was one of the first in New Zealand to be equipped with a receiving set.



—"Dominion" photo.



Between Items

Chestnuts—Gentle Thrusts—And One or Two Ideas

by THE IMP



FIVE shillings this week to "Deepwater," Featherston, for his paragraph on the days of sailing ships. Winners of the 2/6 prizes are marked with stars.

"**SUBSCRIBER**," of Hawke's Bay, writes to say that he fully agrees with the suggestion made recently on this page by "Enthusiast," of Palmerston North, that the YA stations should give the names of the records after the items during the day, and not before, as is done at present.

2YA sets a new fashion for women-folk, by announcing recently Raie da Costa in "The Girl in the Little Tin Hat." How could you, Clive!—Two Young Amateurs (Wellington).

★ **A CERTAIN** radio station manager said to the electrician, "I hear you and the leading lady had a fall out and are not on speaking terms. What's the trouble?" "Well, you know that scene in the third act where there is a black out and a quick change—I thought she said 'lights,' but what she wanted was 'tights.'" This finished the talk and the announcer was chuckling as he signed off for the night.—L.B. (Wellington).

3YA'S bright Soccer broadcast on July 22 is to be commended, but, tell me, was the shock of this two hours' respite from the studio "mike" responsible for this bright one from an announcer, who, about 4.45, resumed with a record titled: "Clap Your Fingers. Snap Your Hands?"—"Tangled" (Christchurch).

2YA'S relay of the last Sunday night concert from the De Luxe Theatre was great. I can't understand why we haven't had more this winter. Just the thing to brighten up a Sunday night. And another thing, what has happened to Paul Cullen? Hoping to hear more of both.—H.G. (Auckland). [Paul Cullen is now playing at the Crystal Palace Theatre in Christchurch.—The Imp.]

★ **I HAVE** just been wondering what the Broadcasting Board intends to do with the old 1YA and 3YA plants when the new ones commence operation. Perhaps they might be kept on to provide an alternative programme or else they might be shifted to other parts of the country not so well covered. Say, 3YA to somewhere on the West Coast of the South Island and 1YA to perhaps Rotorua.—H.G. (Auckland).

SURELY the following would be a better way for the YA stations to sign off. When the good-night melody is almost finished, to sign off something like this: "This is station 2YA Wellington, operated by the New Zealand

Broadcasting Board, transmitting on a frequency of 720 k.c. with a power of 5 k.w. now signing off until 10 a.m. tomorrow (Monday or whatever day tomorrow is). 2—Y—A wishes everyone—good-night." The good-night to be said just as the melody finishes.—E. A. Barker (Hastings).

SUCH is the price of fame that our lovable little friend "Amazon" appears likely to become the bone of contention in an argument regarding sex! I don't think "she" could properly be classed as a peroxide blonde, nor yet as a brunette. Almost everything that friend Fraser, of Ohura, says is true, with one little exception. "Amazon" is certainly bright, clever, straight, and

various records? I'm sure this would encourage people to listen more intently to this type of music, and visualise the story, which the composers are trying to convey in music form.—Low Brow (Ohingaiti).

★ **IT** is high time that the present good-night melody from 2YA was scrapped and a new one substituted. I would like to suggest that the popular good-night melody from KFI some time ago be put on. This is "The Song of the Islands," obtainable on H.M.V. This is often heard from America and does not pall through constant playing.—DX 128, M.C. (Timaru).

A FEW lines of appreciation of the bandsmen's hour, or "More Famous English Bands," but why spoil the educational value of the records by the speed the machine goes? We have a knob for applying the power, another knob for getting the stations, yet another knob for controlling the quantity, ff or pp, and why not another knob for speed—just a little brake affair?—Serooge (Ashburton).

WHILE dial-twisting the other evening, I struck the following:—'He's over. No, he's still on his feet! Yes. No. He's out!' Settling myself, I waited for the next hold to be announced.—4ZL, Dunedin, on relay from the Cinema Ball, Mr. Pitt has been having rather a trying time with a canopy of balloons.—Courier (South Dunedin).

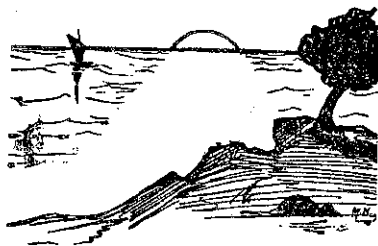
★ **CLAPHAM** and Dwyer, closing their record, "A Further Day's Broadcasting," with Dwyer announcing an S.O.S.—"If the young man who met the young lady at Margate last summer would communicate with her he would hear something that would take that grin off his face." This was promptly followed by Mr. Drummond announcing "A Kiss in the Dark." For an im promptu appropriate item this would take some beating.—Really Surprised (Nelson).

HEARD from KPO a few nights ago: "We have received reports from those two islands in the Pacific, Australia and New Zealand, but as they have not sent return postage we cannot verify."—DX 128, M.C. (Timaru).

COLLOQUIALISM, as employed by some Australian announcers, is rather startling to we more staid New Zealanders. On a recent evening a B station Australian announcer nonchalantly remarked, "I've got a very large programme to-night. God only knows how I will get through it." Imagine our much-respected and exacting Mr. Drummond giving utterance to a similar phrase. Ye gods!—2YK.

Make your own Jig-saw Puzzles. See page 43.

Radio Should Keep Alive N Z's Interest In Old Sailing Ship Days



We were much interested in Captain G. Edwards's story of the sea, and we should like to hear more of the stories, which he tells so ably. There are many old sailors ashore in New Zealand, including myself, and any story of the days of the tall ships will always revive old memories. Stories of the old sailing ship days should be of much interest to listeners who, in these days, only know of steamships. We have good reason to be proud of our seamen of the past, and achievements.—Deepwater (Featherston).

friendly, and has a very nice sense of humour. Without wishing to insult a "lady," I feel that I must inform Mr. Fraser that "Amazon" would probably not conform to his ideals of femininity, although "she" can be very ladylike on occasions. "Amazon" is a rather rare type of femininity, being neither a flapper nor a spinster, and, rarest of all, doesn't talk a great deal. Anyway, I'm looking forward to many more pleasant hours spent in "her" company.—The Old Man's Son (Palmerston North).

COULDN'T 2YA, when they are giving the classical hour, give a short summary of the story pertaining to the

SOUTHERN STATIONS.

Rugby Union's Radio Boycott Ends

Satisfaction in Christchurch that Southland - Canterbury Match Was Broadcast — R.S.A. Choir Gives Good Dunedin Concert — Mary Pratt at 3YA.

A GREAT deal of satisfaction was expressed in Christchurch last week over the decision of the Canterbury Rugby Union to broadcast the Southland-Canterbury Ranfurly Shield match. As a result the Rugby body has been re-established in public favour. For a long time letters have appeared in the Christchurch newspapers over the attitude of the union toward broadcasting, especially club matches. The Canterbury Union, however, has a record of estimable service behind it second to none in New Zealand. Its charity day matches are generally arranged so that two of the best teams are competing at Lancaster Park, thereby ensuring a large "gate" for charity.

A HIGHLY enjoyable concert was given from 4YA by the R.S.A. Choir, the programme containing many well-known and popular glees, part-songs, and choruses. Under Mr. J. T. Leech, the men were kept well together, while the balance and tone, combined with good choral effects, showed that it has improved beyond measure.

SOME of the best choral numbers were "The Two Grenadiers," "Dear Lord and Father of Mankind," and "Come Away, Come Away." Miss Cecily Audibert was a charming guest soloist, singing in her usual artistic manner.

A PLEASANT surprise was given from 3YA on Monday evening, when Miss Mary Pratt, the Dunedin contralto singer, sang four songs in her best style. Miss Pratt has a beautiful voice, well produced, and always creates the right atmosphere, whether it be on the concert or over the air. Two numbers which showed off these qualities were "Praise of God" (Beethoven) and "How Changed the Vision" (Handel). "Braw, Braw Lads" and "There Grows a Bonny Briar Bush" were Scots songs that Miss Pratt knows how to sing. It is to be hoped she will give further songs over the air before going Home.

ANOTHER excellent B.B.C. recording, "Scottish National Programme," was presented from 3YA re-



cently. The Scots atmosphere was always present, and the singers of the best.

THE objection to the use of slang is its constant repetition, which indicated a miserable poverty of vocabulary. It could be witty sometimes, especially when used sparingly. Expressive

sive slang will no doubt find its way into the English language, said Professor F. Sinclair, at 3YA, in his talk on "The Romance of Words—Place-names and Surnames." Of swearing, he said there was less room for regret than the English were weak in that department of speech. In the English language it was almost impossible to swear. It was not always so. Prior to the Reformation, swearing was a common occurrence. Thomas Moore



**MAKE A
DIVE FOR
NEXT
WEEK'S
"RADIO
RECORD"**

All the special items from the Australian stations will be given with the New Zealand times alongside. And there'll be special articles from various New Zealand writers, notes on the newest gramophone recordings, another jigsaw puzzle and several interesting women's features.

constantly embellished his writings with "In God's name," and many such-like expletives. It was the advent of Puritanism that put an end to these effects.

THERE are no swear words in the English language, but what are you going to say when you miss a train by two seconds? asked the speaker. He did not answer his own question. Surnames arose partly for nicknames to distinguish friends and enemies. Names were derived from the trades and professions of our forefathers, and some people had to suffer because of those remote gentlemen. There were many other subjects that gave surnames—hills, animals, crafts, localities. Unfortunately Professor Sinclair's lectures only covered the fringe of his subject, and it is hoped he will be heard later on, and give us more on this interesting subject.

DUNEDIN put on an ambitious programme of operatic excerpts on Thursday night, which should have been "sub-edited" before being put over the air. Most of the singers were students and not entirely at home with

a foreign language. Miss Claire Dillon, a good soprano, was easily the best of the women, while Signor Giovanni Stella sang the aria "On With the Motley" with good effect.

THE musical guessing competition organised by 3ZM proved to be well worth while, judging by the large number of entries. The names of the compositions were as follows:—"Electric Girl," "Serenade" ("Students' Prince"), "Estudiantina," "Hearts and Flowers," "Gypsy Love Song," "Canzonetta," "Falling in Love," "I Miss a Little Miss," "Minuet" (Bocherini), and a march, "Lorraine." The prize-winners were:—Mr. J. McGregor, 33 Gresford Street, Christchurch, 1; Miss E. Richard, 110 Manchester Street, Christchurch, 2.

MRS. L. B. SALKELD was heard from 3YA last week, and created a favourable impression with her soprano songs. It was her first performance, and her numbers, "The Sweetest Song of All" and "June Music" showed her to be well worth the engagement. On the same programme were the Hilo Harmony Four, but their instrumental numbers were not particularly enjoyable, being somewhat weak. The performance of the Christchurch City Harmonica Band on Monday compared favourably, and pleasing music was heard.

MR. JOHN STANLEY handed out some interesting matter from 3YA in connection with game in New Zealand, dealing especially with Canterbury. He spent a lot of time on deer and how it came to New Zealand. The chukor, which have been bred at Greenpark by the North Canterbury Acclimatisation Society, showed what could be done. There was a fallacy that the birds could not be bred outside of their native land of India, but Ranger Digby has proved the error of this. Through careful breeding he has a large number of birds, some of which have already been released. Quinnot salmon and trout were also covered. The first lot of trout ova came from Tasmania in 1874, and out of 20,000 only 40 hatched out. By careful transportation the next lot of ova gave better results.

LIVING in Borneo has many advantages and many disadvantages, according to Mr. C. O. Barnett, who gave an interesting talk from 3YA last week. Some native houses are built on piles over the sea, where the natives dump their rubbish and leave it to the outgoing tide to wash it away. One can imagine the stench which emanates from this rubbish. From a sporting point of view their main sport is Soccer, which they play all the year round and in a temperature of 90 degrees.



HERE AND THERE

MAINLY ABOUT PEOPLE AND PROGRAMME FEATURES

THIS year the civilised world celebrates the centenary of the birth of the "Slave Abolition Movement," and listeners to 1YA on Thursday, August 31, will hear the Reverend W. Lawson March discourse upon slave trading and the fight for its abolition. It is computed that during the most intensive period of the traffic in slaves, there could hardly be fewer than ten million souls involved, that the whole of these men, women, and children were in bondage for purely selfish reasons, a bondage which led to every form of ill-treatment and suffering.

THE movement begun by British emancipators was destined to spread freedom throughout the world. Seven hundred thousand slaves in British colonies were given their freedom. America followed by liberating nearly four million, and Brazil, Cuba, and Mauritius replied by setting free another million. Dr. Livingstone and others revealed that the traffic was rampant in Central Africa, and Britain led in abolishing the trade through East African ports, Zanzibar and Pemba. In 1926, 57,000 held in bondage in the Himalayan State of Nepal were given liberty by a decree of the Maharajah, and about the same time 8000 souls were released in the backward State of Burma.

COINCIDENT with the struggle in other parts, Sierra Leone has freed over a quarter of a million domestic slaves, has advanced to great prosperity and a modern social regime, while its neighbour, the independent country of Liberia, has steadily receded to abysmal poverty and ignorance. The British Fleet still maintains a slave-trade preventive service, but much remains to be done before many millions of our fellow creatures are given the individual boon that creatures of the wild possess.

IN China the "girl adoption" system persists. Some children may find a good home with their masters, but millions suffer cruelty and degradation that makes Christian blood curdle. In India millions live in debt-bondage, in Java many cannot call their lives their own, and in Africa countless poor creatures suffer the worst possible ill-treatment that slavery makes its own. It is computed that to-day more than five millions of men, women, and children are held in bondage. The fight for their freedom never needed so much zeal on the part of abolitionists. The easiest work in this direction has been done, and a much harder task presents itself in eradicating the pernicious and underground systems that have thousands of years of social sanction in old world civilisations.

A TALK that will attract the attention of the widest circle of listeners is scheduled to be given by Mr. C.

Stuart Perry on September 2, at 3YA, under the title of "Some Famous Open Boat Voyages." Some of the greatest epics in our maritime literature are in relation to passages made in open boats, and probably none were more heroic ventures than the Maori voyages to this country. But seamen in distress have added tomes to the romance and lure of the sea, and there surges through the memory the voyages of Captain Bligh of the *Bounty*, Shackleton's passage along the ice-barrier, and the doughty deeds of the shipwrecked

NO LICENSE FEES Wireless In Canterbury Relief Camps

Radio sets in relief camps are exempt from the payment of fees, according to a letter which the Mayor of Christchurch (Mr. D. G. Sullivan, M.P.) has received from the Postmaster-General, (the Hon. Adam Hamilton). The suggestion that radio sets installed in these camps should be exempt from license fees was made to the Minister by the Mayor a few weeks ago and Mr. Hamilton has now replied that this exemption will be granted in respect to sets installed in camps set up by the Public Works or other departments as relief camps. The Mayor, in making the suggestion, pointed out that it was possible for relief workers to manufacture crystal sets at practically no cost, but that it was quite impossible for them to pay the annual license fee of 30s.

crew who made a boat of twigs and birds' skins to escape from one of our lonely island dependencies.

THESE instances are but a few that have happened in our own waters, but maritime history is full of incidents that make the stories of the voyages of the "Tilicum" and the "Firecrest" merely light reading. Man's last invention to rob the deep of its terrors is the medium by which Mr. Perry is to recount his anecdotes, but when a seafaring people can no longer get themselves into difficulties at sea the time will have arrived for the adventurous to recapture the earth, as Mr. Rudyard Kipling has predicted as possible.

IT is often said that genius is akin to madness, but really there are few instances in actual life that support such a contention. If genius had but a single synonym it could rather be versatility. More than 40 years ago there burst upon the artistic world a genius who was later to become as

widely known throughout a distressed world as the most untiring patriot. When President Wilson was formulating his fourteen points, the thirteenth had special reference to Poland, and it is understood that Ignaz Paderewski, through his friendship with Colonel House, was responsible for its text.

MANY musicians have been patriots and quite a number of premiers have been musical, but never before had the world's greatest pianist become a premier. At Versailles, Clemenceau hurled this epigram at Paderewski: "So you were once the world's greatest pianist, and now you are Premier of a country? My God, what a come-down!" And no man knew better what that sentiment implied than "The Tiger." But at the end of the war Paderewski's prestige made him the logical man to represent the infant Polish State at the Peace Conference, and this fact was recognised by the real ruler and leader of Poland—Marshal Pilsudski.

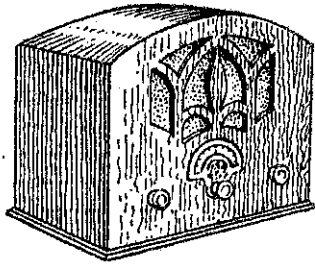
AT the age of three Paderewski saw his native village burned, its inhabitants slaughtered, and his father taken to prison in retaliation for the latest Polish uprising. That incident always rankled in his mind. Possessed of dramatic flair, the snub he offered to the Czar was unctious to his patriotism. The Czar summoned him to the Imperial Palace and expressed gratification that so renowned an artist was a Russian subject; Paderewski bowed, looked his Majesty in the eye, and replied: "Sire, I am a Pole!"

IN 1891, Paderewski began to capture the world. The present generation has dim but stirring recollections of his flaring hair, the low Byronic collars and the avalanche of flowers after each recital. He was and still is a tumultuous genius, who treats the piano as though it were too small for his conceptions, and tries to stretch it to an orchestra. He has a grandeur which only the greatest artists and conquerors possess in its perfection, and yet he has a simple trust in humanity. Of the prodigious fortune that flowed to him in pre-war years no trace remains. His beloved country and compatriots have taken all.

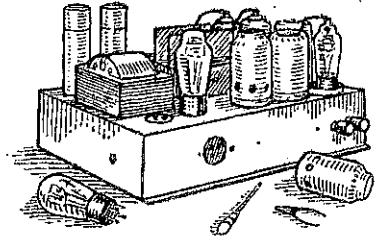
The Challen grand piano which was originally used for B.B.C. broadcasts was sent to station 22W from the Challen Company, of London. It was stated in last week's issue that the piano was sent from the B.B.C.

Page 43 will prove of intense interest to Jig-saw enthusiasts.

AROUND AND BEHIND



THE DIALS



A Section for
the DXer, Short-wave Listener and Home Constructor
Conducted by The Technical Editor

Answers to Correspondents

"Radio" (Wellington). The City Certificate in the last DX Competition was won by Mr. J. P. Cowlishaw (3HQ), of Palmerston North, with a log of 381 stations.

210A (Te Puke): All letters should reach this office by the Saturday preceding publication date of the following issue.

Identification Wanted

Two stations, one on 990 k.c., and the other on 1150 k.c., heard between 3.45 and 4.30 p.m. on August 13, evidently relaying a concert from a large hall. The items were loudly applauded.—5HB (Napier).

Station on 630 k.c. heard at 7.40 p.m. on August 12, at R4. The following is part of the announcement, heard at 7.40 p.m.: "... letters ... station W ... dx programme ..." Static was troublesome. Also a station heard on August 12 and 13 during the day, on approx. 668 k.c. (almost on 2FC). Morse was heard at intervals. Both stations' carriers were of the same strength.—210A (Te Puke).

Stations Identified

"Truetime" (Hastings). You heard station KRLD, Dallas, Texas, broadcasting their Barnyard Hour.—"Tegal" (Wellington).

N. Jenkins (Masterton): Station on 605 k.c. is 1YX, Auckland.—157W (Wellington).

DX Topics

A 300-foot Earth.

IN last week's issue a member raised the subject of earths. I have tried various types, including radiators, pipes, etc.—in fact have done so much experimenting that now if someone starts to dig the garden they invariably strike one of my earths! I am now using 300 feet of 10-gauge copper wire, buried 9 inches under the ground, and running round the lawn. I installed it merely by lifting the turf and placing the wire underneath. When using this earth QRM is greatly decreased, and signal strength of distant stations is improved.

N. Jenkins: 22K is not likely to take the air again unless perhaps a

DX CLUB News and Views

Experimenting with Earths: Frequency Allocation Conference Urged: American Reception Patchy: WSB's New Transmitter: 83 Australians Logged: Central American Stations Coming in Strongly.

Radio Club is formed. 1YX, on 600 k.c., comes in here at R7, QSA5. KFBI has been heard lately at midnight. VKA has been heard on 1550 k.c. at 7.30 p.m., giving the 6 p.m. Sydney time signals. The Americans are still coming in here, the best being WLW at 4.30 p.m., and XER, KSL, and WENR at 5 p.m. At 6 p.m. KFI, KHJ, KSL, WLW, and XER are all at R8. DXers should try to tune in KFAB on 770 k.c.—the frequency usually occupied by WBBM. I have heard the former station on until 7.15 p.m. CFCN on 1030 k.c. was R6, QSA4, on Saturday, August 12. Old-time dance music was played, announcements being made after every item. He closed down at 6.15 p.m. On August 13, VK4WI, 1470 k.c., was R6, but fading badly. Another VK whose call sounded like VK4WO, was heard on 1130 k.c. at R4. Reception was very distorted. It is rather unusual to hear a VK4 on this frequency, as they usually come in at the bottom of the dial. Latest loggings include WHAS, heard on Sundays when 1YA is off the air—JOPK, JOUK, KEX, KFAB, KGA, CPCN, KLZ, 3DB and 2UW (daylight reception). Latest verifications include KOMA, KFBK, KOIL, WHAS (No. 1 stamp), WBSO, and WLS (both Ekko stamps), KFH, WKRC, KVOO (second), KALE, WHK, WCAU, KLO, WLBW, WCAO, WDRC, and KGIR. In their letter WBSO described the station and transmitter in detail, while WLBW sent a magazine. Congratulations to Mr. Downes on his success, and also to J.P.C., 1HQ, and the other dxers who spent so much hard work and time building up such fine logs.—"Elgin" (Wanganui).

American Reception Improving.

A MERICAN reception is rapidly improving. On Sunday, August 13, and Tuesday, August 15, the following were heard from R2 to R8:—WSM, KFI, KPO, KGO, KTAB, KTMR, KHQ, KSPD, WBBM, KTM, WGY, WCCO, WHAS, KOA, WENR, KLB, KHJ, KFWB, KPRC, WHO-WOC, KRLD, KNX, WTAM, KMOX, KSL, WHAM, KPOX, KDYL, KGMB, KGB, and KGA. KJR, Washington, was heard for the first time recently at R4.

Eastern stations have also been coming in at excellent volume. XGOA, JOHK, JOAK, 1 and 2, JOBK, JOCK, and JOIK all reach R6 by 10.30 p.m. Latest loggings are VUB, VPB, HS7PT, 1YX, XGKO (700 k.c.), JOCG, ZILY, VK's, 3AR (1280 k.c.), 7CS (1230 k.c.), 5WH (1200 k.c.), and 4WI (1470 k.c.). The last-named comes in at splendid volume. CFCN was heard on August 12 closing at 6.15 p.m. An American has been heard at good volume lately after 10.30 p.m. on 1040 k.c. He is heterodyned by 5PI, Port Pirie. My latest verifications are JOIK, Sapporo, 830 k.c., and 22C.—"Radio" (Wellington).

83 Australians Logged.

R ECEPTION conditions in my locality are slowly improving, and the American stations are gradually coming back to normal. The Australians have been very consistent, and my total log for 12 months is 83, including VK's. Sixty-five have been verified, and I have reports away to 18 others. I am in a good locality for Australian reception, though the Americans are not so good.

Latest loggings are KTRH, KTHS, KOA, KGB, CFCN, XEPN, RXKR, WEBC, JOXK, VK's, 2SW, 3PY, 3RI, 3OY, 3RG, 3GK, 4WI, 4PW, 5DR, 5IV, 5WH, 5LR, and 7DR. Recent verifications are from WTAM, 7ZY (daylight), 2ZN, 6ML, VIA, 5CL, 3AR (daylight), VK3LH (6 watts), and 4ZB. My non-

INVENTORS

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reply list includes the following: KGMB, WABO, 4MK, 6KG, and VK's, 2BQ, and 7CW. Return postage was included in every case. KOMA would not verify, as I did not give the name of the orchestra, announcer, or of the programme. KFSD in a recent verification said: "You might be interested to know that out of 30 letters which we received from New Zealand this month, only six were verified."

All my dxing is done on a 5-valve a.c. T.R.F. set. My aerial is 91 feet high at the far end, and 35 feet at the lead-in end, running east to west. Total length is 500ft.—113W (P.N.).

Recent Verifications.

I RECENTLY shifted back into town, and am finding power interference is a serious drawback to dxing. American reception is fair, the best stations being KFI, WLW, KSL, KFSD, HHQ, and XER. XER is apparently on all-night programmes again. I have heard him as late as 9.30 p.m. On Monday, August 14, WSB was heard testing their 50 k.w. transmitter. I listened to them for nearly two hours. Europeans are just audible, three being heard last week. Recent verifications to hand are KHJ, KPO, and XER, while new loggings are KHQ, WSB, THO, Brussels No. 1, Algiers, Moravska, and Czechoslovakia.—"Hangawera" (Hamilton).

Central Americans Good.

STATION WSB has been heard lately until 9 p.m. He is now using 50 k.w., and is anxious to receive reports. LR4 was heard on August 13 until 5 p.m., and was much better than WIO. On August 12 CFON was heard until 6.15 p.m., and came in better than I have ever received him before. What I took to be a Cuban station was heard on 785 k.c. on August 13 up till 5.45 p.m. All announcements were given in Spanish. The Mexicans are also excellent at present. XEB is always the first to be heard, followed by XEFO and then XER and XEPN. Quite a number of Europeans can now be heard about 6 a.m., Bratislava, Heilsberg and Breslau being the best.—13T (Whangamomona).

Americans Becoming Weaker.

LAST week I received the following verifications: 2KY, 5DN, 5CK, VK-3BY, 5AD, 3SH, KNX, WENR and KPO. KPO returned my I.R.C., stating that they made no charge for verification. KNX says: "We are always happy to receive letters from our New Zealand friends." My latest loggings are 3BA, JODK-1 and 2, JOKK, KGMB, and KGB. Australians are still coming in well, but the Americans are becoming weaker.—186W (Wellington).

DX Jottings.

EASTERN reception has fallen off somewhat lately, but the Americans are still good, though as the nights are becoming lighter they do not come in until about 5 p.m. Latest loggings include KPRC, VUB, and VK3PA. Verifications have been received from KTSA and KZRM. The latter states: "It is only through letters such as yours that Radio Manila can hope to improve its service to the utmost. . . . KZRM signing off. Mabuhay (Mah-boo-high)." — 157W (Wellington).

Americans Weakening.

AMERICAN reception is fading off slowly, though KFI still comes in here at 7 p.m. as strongly as 1YA. "Omsk"; I have not identified that sta-

tion on 645 k.c. yet; my set is none too selective. WSB has been heard testing with its new 50 k.w. transmitter recently. He comes in at RS, but fades badly. The Japanese stations are excellent, JOIX being by far the best. XGOA, Shanghai, also comes in well, but is heterodyned by a Japanese station until midnight. The Europeans are now coming in well at 6 a.m. Moscow-Stalin, which comes in at 4.15 a.m., is usually the first to be tuned in. 2FO reaches R4 at midday, and is one of nine Australians I have logged in daylight.—210A (Te Puke).

"Lone Star" Ladder

For the benefit of new readers, the object of the Competition is to see who can top the "Lone Star" ladder by claiming (and maintaining that claim) the largest number of verifications that no other members hold. If a member claims a verification held by someone else, verifications "challenged" are automatically deleted from the score. Stations operating outside the broadcast band cannot be entered for this competition.

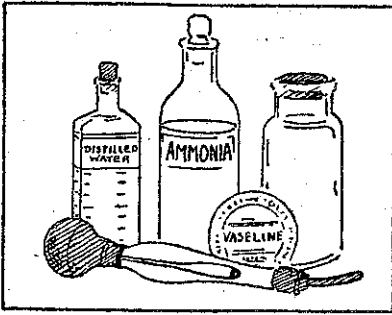
The editor reserves the right to call in any verification or to request that it be shown to any dxer nominated.

- 1.—A. Greening (9T) 26
KGEF, KFKX, KFGW, KFCM, KPNN, WFJC, WJAZ, WJBX, WOS (U.S.A.), XEQ, XEI (Mexico); LR2, LR5 (Argentina); CN26, EJML, VPD, CMCN, OAX, VUL, VEIOBI, VKS, 3CX, 2TW, 3JE, 4EM, 4XK.
- 2.—S. Robson (1HQ) 14
Lyons (France); Berlin (Germany); Sundsvall (Sweden); Gleiwitz (Germany); Florence (Italy); WRDO, WGBG, WILL, WNBX, WEVD (U.S.A.), VK's 30Y, 3KW, 3JE, 2FW.
- 3.—J. E. Downes 12
WAAT, WEXL, WMBH, WHCC, KFYO, KGDE, KWKC, WENY, KBPS, WJTL (U.S.A.), KCDC (Canada); 4NW.
- 6.—"Bulova" 7
KFDY, KIT, WRUF, WGCP, KUJ, WSMK, WFOV (U.S.A.).
- 4.—A. Maule (34T) 8
Huizen; VK's 2DS, 2BK, 2WS, 2RJ, 2SS, 2CM, 3CL.
- 5.—F. Carr (150W) 8
WHA, WPCB, KLO, WBSO, WKRC (U.S.A.); VK4YG, VK4LP, VK4WJ.
- 7.—"Omsk" (121A) 6
CHRC, CKFC, CKNC, CKLW (Canada); LS11 (Argentina); HJN, Bogota.
- 8.—Ken Graham (38HB) 4
WKZO, WLWL (U.S.A.), XEJ (Mexico); Radio Saigon.
- 9.—N. Jenkins (22W) 4
KFOR (U.S.A.); XEX (Mexico); Paris, 670 k.c. (France); VK3CB, (Australia).
- 10.—"Digger" (Hamilton) ... 3
WEW (U.S.A.); Vimpuri, Finland; Algiers.
- 11.—L. G. Hopkins (164A) 1
KGHL (U.S.A.).

Frequency Allocation Conference Urged.

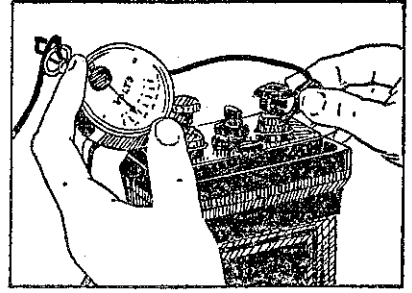
THE Postmaster-General of Australia announced recently the erection of six new A-class stations in Australia, with six more to follow soon. Two new B-class stations are also reported. Two of the proposed frequencies are: Sale, 830 k.c., 10 k.w. (it looks as though 1YA will have another move, as 4RK, 2 k.w., was sufficient to cause interference when 1YA was on 920 k.c.), and Townsville, 20 k.w., 640 k.c. (will probably jam 4YA as well as being right on

(Continued on page 28.)



Left: Always have some ammonia handy in case the acid from your accumulator is accidentally spilt. Smearing the terminals with vaseline will prevent corrosion. A hydrometer provides a simple and accurate way of determining the condition of your accumulator.

Right: The voltage of a cell should never be allowed to drop below 1.8 volts.



The Care of Accumulators

Some Practical Hints on the Care and Maintenance of Accumulators.

PERHAPS the most neglected and most abused component of the majority of battery sets is the accumulator. Often it is never disconnected for recharge until signals have failed off completely, and then the owner wonders why it seems to require recharging more often than it did when it was new. Usually the unfortunate charging station is blamed for not "putting enough into it." The accumulator is not at all a complicated device, and if given reasonable care will last for several years. If it is not properly looked after, however, its life will be considerably shortened.

Strictly speaking, an accumulator does not accumulate electricity, for when it is fully charged there is exactly as much electricity in it as when it was fully discharged, and that is—just none! All that happens when the charging current is passing is that it changes the chemical constitution of the cell. When the two sets of plates forming the cell are joined together afterwards another chemical action takes place, causing a current to flow.

Thus the difference between an accumulator, or "wet" battery, and a "dry" battery such as we discussed last week, is that though the latter requires no preliminary charge in order that it may provide current, when it is run down it is no longer useful, whereas the former may be recharged again and again. However, both types of batteries are similar in that they depend for their action on an electrochemical reaction.

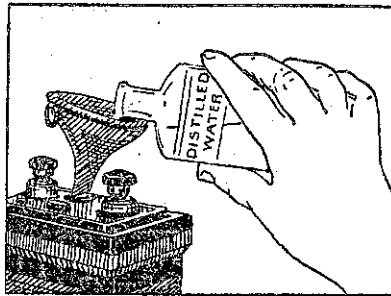
If you examine your accumulator you will find that inside the container is a number of flat plates interleaved with another, the alternate plates being the same colour, one set being brown and the other grey. The clear liquid in which they are immersed is a solution of sulphuric acid, which, when the accumulator is fully charged, has a specific gravity of between 1.25 and 1.3.

The Chemical Action.

When the accumulator is connected to the receiver and the set switched on, an action immediately begins to take place between the plates and the electrolyte. The amount of water in the electrolyte is increased because part of the acid combines with the lead of the plates, leaving water in the electrolyte. The surfaces of the plates thus change slowly to lead sulphate,

while the liquid becomes more nearly pure water.

When the battery is recharged, the sulphate of the plates combines with part of the hydrogen and oxygen in the electrolyte to form more sulphuric acid. The positive plates then become peroxide of lead and the negatives are



When the level of the electrolyte falls slightly below the top of the plates, the accumulator should be "topped-up" by adding a little distilled water.

left as spongy lead. This transformation continues until the sulphate is completely reduced, and the battery is then said to be charged. In this condition the colour of the positive plates will be a deep chocolate, and of the negative a blue grey.

The acid plays an important part in this process, and as its active material changes, the condition of the acid when the cell is fully charged and when fully discharged is different. It is obvious that if both plates become covered with lead sulphate during discharge, this sulphate must come from somewhere, and actually it is withdrawn from the acid, which becomes weaker. When a cell is fully charged, however, the sulphate on the plates is reduced and the strength of the acid consequently increased, and that is why the acid is stronger in a fully-charged cell than in a discharged one.

Testing an Accumulator.

As the amount of charging and the strength of the acid are inter-connected, it is usual to test the condition of an accumulator by measuring the specific gravity of the acid, usually with a hydrometer.

This device, which is illustrated above, is a glass tube having a hollow

bulb with a weight at one end, and a thin tube with a graduated scale at the other end. It is so weighted that when placed in a liquid, the point on the scale to which it sinks indicates the specific gravity of the liquid in which it is immersed. The hydrometer itself is usually mounted in a syringe, so that some of the electrolyte may be withdrawn from each of the cells for testing purposes. After the specific gravity has been read the liquid should be carefully returned to the same cell from which it was drawn.

If the gravity is between 1.250 and 1.300, the cell is well charged. If it is between 1.200 and 1.250 it is at least half, but not fully charged, while a specific gravity between 1.150 and 1.200 indicates that the cell is nearly discharged. A gravity of 1.150 or below means that the cell is discharged to a point at which no further discharge should be allowed.

Tests may be also made with a voltmeter, though this method is not nearly so accurate. The voltage of each cell should never be allowed to fall below 1.8 volts.

Three Important Precautions.

If an accumulator is seriously over-discharged or is left in a discharged or partly discharged condition for some time, the electrolyte will attack the



plates and produce a thick film of lead sulphate, which forms an insoluble and impervious skin over the surface of the plates. This white sulphate can be redissolved with great trouble and difficulty by experts, but the cell can never be fully restored to its original state.

◎ RADIO ◎ SERVICEMAN'S ◎ EXAMINATION

Governing regulations say that all Radio men must be fully qualified. To ensure this the Radio Serviceman's Examination has been inaugurated, which calls for an exact knowledge of radio principles and a correct diagnosis of radio troubles. Can you face the examination paper without being afraid of the results? Write to Mr. B. C. Johnson, A.M.I.R.E., Johnson's Wireless and Radio College, 8-10 Brandon St. Wellington, or Phone No. 42-403 about his various courses of instruction in Radio, especially the Radio Serviceman's course.

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The top of the accumulator case should always be kept quite clean and dry, for a covering of acid moisture on the top of the cell not only results in terminal corrosion, but provides a leakage surface between the positive and negative terminals.

The level of the electrolyte should never be allowed to fall below the top of the plates. Immediately the level becomes a little low, a small quantity of distilled water should be added to make up the deficiency, which is caused by evaporation.

Tips and Jottings

THE simplest and best cure for microphonic howl is to apply "damping" to the glass bulb of the detector valve. This may be accomplished either by covering the bulb completely with sticking plaster, or with a soft lead cap. A half-inch nut stuck to the bulb with plasticine or chewing gum is also quite effective.

THE ability to solder joints efficiently is undoubtedly half the battle in set construction. Certainly it is possible to obtain satisfactory results from the set, with no soldered joints, but the chances of possible failure or of undesirable noises occurring in the finished set are greatly diminished where soldering has been employed

throughout. After all, there is nothing very difficult about making a soldered connection if the following points are borne in mind. Never attempt to work with the iron too hot or too cold. The best indication of the correct temperature is to hold the bit against a piece of paper. It should be sufficiently hot just to scorch it, but not to burn it. With the iron correctly heated, file the end until it is quite clean, and dip it into a tin lid on which has been applied a small amount of fluxite. Then apply a strip of solder to the burnished portion of the bit. The solder should run quite easily and should leave the bit end brightly nickled in appearance. Next clean the two parts which it is desired to solder, apply a small amount of fluxite, and then, by holding the bit on the prepared parts, the two should weld together quite easily.

AN old shaving brush with the bristles trimmed down until they are about an inch in length is an excellent adjunct to the radio worker's outfit. It can be used for removing traces of flux from a wired up panel, for removing brass steel filings from inaccessible positions, for cleaning soldering irons, and for a variety of other purposes.

WHEN an ebonite panel is cut, it will be found that the cut edge is very rough in appearance in comparison with the finish of the original edge. To obtain a similar finish for the new edge, the panel must first of all be clamped in a vice and the marks from the saw removed with a medium flat file. Work the file diagonally across the edge, taking care not to cut too deeply at any one point. Next lay the file flat along the edge and push it straight along with firm strokes, keeping the whole length of it pressed down on the work. Now wrap a strip of emery cloth round the file and work with this in straight lines backward and forward until all the file marks have disappeared. Repeat with the finest emery paper. Finally, moisten a piece of rag with turpentine, rub this into the edge, and polish off with a clean, soft rag.

IN not a few cases peculiar and very unpleasant "zizzes" in loudspeakers of the balanced armature type may be traced to actual vibration of the baffle board. Some of these instruments produce in themselves a great deal of vibration, and these vibrations are transmitted to the board. The result is that whenever a note of the natural frequency of the board occurs, resonant effects are observed. One way of overcoming this difficulty is to make a stand for the unit and its cone and to place it behind the baffle so that the front edge of the chassis just clears it.

ONE of the British delegates to the recent Madrid Conference tells that the centenary of the invention of the Morse Code was solemnly honoured by the Conference. But on the next day a Spanish proposal to make certain changes in the Code came up for discussion; whereupon a delegate remarked that it was sad that they should honour Morse one day and try to destroy his work the next. At this up rose a Spanish delegate, who in a fit of true Latin histrionics declared that if Morse could rise from the grave he would support the Spanish proposal. The proposal was adopted!

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QUESTIONS AND ANSWERS

J. A. (Christchurch): I have constructed the "Skyline Five" described in June "Radio Times." When I turn the volume control up there is a rattling noise in the speaker, and reception ceases. It is necessary to tap the chassis before the set will start operating again. By accident I noticed that when the shield cans touch the r.f. valves they spark across to the metal coating on the valves.

A.: This is evidently the trouble. When this occurs, the resistor in the cathode lead is shorted and the valve left without bias. Slip a length of bicycle tube over each valve.

H. R. A. (Auckland): I am contemplating building an "Outspan Four." Is the tone of this set good?

A.: Yes, quite good, if the speaker is correctly matched to the pentode.

2. Would my present speaker match up correctly with the output valve?

A.: Yes, if you use a tapped output choke or a multi-ratio output transformer.

3. I expect I shall not require the present output filter used with my set, as an output choke is already provided for in the "Outspan Four."

A.: There is nothing to prevent you from coupling your speaker to the pentode through your present output filter.

H. L. V. (Lower Hutt): Could you give me constructional details of the line filter mentioned in the article "Curing Power Interference," published in the "Radio Record" dated July 21?

A.: Each choke could consist of 200 turns of 20 d.c.c. wound on a former 2 in. in diameter. The condensers should be of .01 mfd. capacity each and should be of high test. Enclose the whole device in a metal box, which should be earthed.

A. D. 20 (Banks Peninsula): Would a set with 150 volts available for plate supply and using a 78, a 6B7, and a 41 be as sensitive as a set using a 58, and a 57, resistance coupled to a 47, with 200 volts on the plates?

A.: Theoretically there would be no difference, as the valves first mentioned are, roughly, the 6.3 volt equivalents of the last-named.

2. What are the characteristics of the new 6D6 and the 6C6?

A.: They are not yet available.

3. Which is the more sensitive, full-wave or half-wave detection?

A.: There is very little difference. Full-wave detection has the advantage that a larger signal can be handled with better quality.

"MAGPIE" (Wellington): In a recent "Radio Record" the shielded lead-in was mentioned as a solution to the interference problem. In a later issue, a paragraph on the same problem states "this lead must not have a large aerial to ground capacity." Could you explain this more fully?

A.: When shielded wire is used as a lead-in, there is a certain capacity between the shield and the wire. It surrounds. Hence if the shield is connected to earth a portion of r.f. signals picked up by the aerial leaks away to earth. To minimise this loss as far as possible it is necessary to use shielding of wide dia-

meter, thus making the aerial to earth capacity as small as possible.

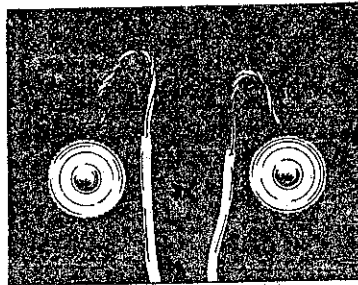
2. If the ordinary type of shielded wire is unsatisfactory, what should be used?

A.: A special shielded lead-in is manufactured for this purpose.

3. At present I am using a Beverage aerial 300 yards long, and interference is terrific. I do not think the special aerial for reducing interference described recently in the "Radio Record" would be a success, as the power lines are too close.

A.: Cutting down power interference in such a bad locality as yours is largely

A COMMON ERROR



The wire shown near the right-hand terminal is correctly bent, because when the terminal is tightened the loop will be kept in position. When the terminal on the left is screwed up, however, the wire will slip away from the shank.

a matter of experiment, but we still think that your results would be improved if you installed the special 10-foot aerial.

J. G. H. (Dunedin): An aerial filter was described in the January "Radio Times," and full constructional details of a line filter will be given shortly.

J. I. (Napier): I have a "Modern Five" chassis and parts. Could I employ the "Skyline" circuit?

A.: Yes, quite easily. The main difference between the two circuits is that the split field method of bias is used in the "Modern Five," whereas the "Skyline Five" employs back biasing.

F. A. T. (Temuka): I live about a quarter of a mile from a factory, where an electric motor provides the driving power. When the motor is running I get a noise like raindrops on the roof. Reception from 3YA and 4YA is scarcely affected, but 2YA's transmissions are completely spoilt.

A.: You will probably find that a mains filter would be a solution to your problem, but, failing this, a filter should be fitted at the motor.

"PUZZLED" (Waihi): My set gives better results when operating without an earth. Is this harmful?

A.: No.

"ANXIOUS" (Rotorua): I have a commercial 6-valve battery set which has four neutralising condensers. Will you please tell me how to balance the set?

A.: This is rather a delicate operation and an oscillator should be employed to obtain the best results. Your best plan would be to call in a serviceman.

2. Where could I obtain a book of instructions for my set?

A.: Write the International Radio Co., Box 1048, Auckland.

S. D. (Cambridge): Would my reception be improved if I installed another earth as shown by the dotted line in my sketch?

A.: This depends upon a number of things—the relative length of the two leads, whether the water pipe which you are at present using as an earth runs for any distance before entering the ground, etc. Your best plan would be to try it.

"CYMRO" (Southland): What would be suitable values for the rheostat and potentiometer shown in my sketch?

A.: 6 ohms and 400 ohms.

S. G. (Auckland): I have been informed that it is preferable to bring my lead-in through the window flange and tuck it around the wall until it reaches the set. At present it comes in by the shortest route through a lead-in tube, and the set is placed quite close to the point where it enters the room. Which is the better method?

A.: That you are at present employing. It is never advisable to run a lead-in round the walls unless it cannot be avoided.

D. E. B. (Petone): Could you tell me the equivalent of the R21 HV?

A.: This is a rectifier and the only equivalent of which we know is the Philips 1201, which we believe is now off the market.

STABILITY has been given to American amateur radio status by the welcome decision of the Federal Radio Commission to extend all existing licences for a period of two years and to issue new licences for three-year periods. Besides saving officials' time the new measure is encouraging amateur transmitters to experiment more ambitiously. The Radio League is hopeful of an increase in new inventions.

Information Coupon

(To be used with all requests for information.)

Name of set

Model

Name

Address

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N.Z. Short-Wave Club

From the Secretary's Pen

OWING to increase of work we require the services of several additional Wellington members at the headquarters shack.

Mr. Roy Clarke, of amateur station ZL2AW, while on tour of the North Island, is trying out something new in 3-valve short-wave circuits, details of which I will be sending to members. Judging by the popularity of the Short Wave Club Two, this receiver should take on well.

The club members' circular is delayed owing to changes, including the adoption of a different style of paper. Designs are to hand for a distinctive badge for membership cards, and, as soon as present stocks are exhausted, an entirely different membership certificate will be issued.

A handsome pen-painted silk certificate was framed by Mr. A. G. Eddy, of Canterbury, and offered for competition in a membership campaign. The winner was Mr. J. V. McMinn, of Wellington, who was the first member to enrol by post.

A local member has made a card index of all short-wave stations, including Morse, telephony and broadcast, and another member has forwarded me a daily time-table of stations.

Please address correspondence to A. B. McDonagh, secretary N.Z. Short Wave Club, 4 Queen Street, Wellington, E.I. and note that the "short-wave cycle" is gradually coming back our way, which will give us the thrills we had in 1930.—Yours fraternally, MAC.



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THE WORLD ON SHORTWAVE

By F. W. Sellens

Amended Schedules.

VE9JR, Winnipeg, 25.6 metres, has altered its schedule for their summer to the following, all N.Z.M.T.: Week-days, irregularly from 2 a.m. to 8 a.m., and 11.30 a.m. to 1.30 p.m. Saturdays, from 11 a.m. to 1 p.m., and 3.30 p.m. to 4.30 p.m. Sundays, from 2 a.m. to 5.45 a.m., and 1.30 p.m. to 2.30 p.m.

W1XAL, Boston, is only using 25.45 metres now. They have discontinued their 49.67 metre wavelength for the time being.

W9XF, Chicago, 49.18 metres, are now on the air during the following times (N.Z.M.T.): Mondays, 8 a.m. to 11 a.m., and 12.30 p.m. to 5.30 p.m. Tuesdays, to Saturdays, 8 a.m. to 11.30 a.m., and 12.30 p.m. to 5.30 p.m. There is no schedule for Sunday (our time).

Reports for RV59, Moscow.

A CORRESPONDENT asked for the address of RV59. Reports on reception of the Moscow short-wave stations should be sent to: Central Radio Station, Palace of Labour, Lolianka 12, Moscow, U.S.S.R.

Log for Week Ending August 19

CONDITIONS have been variable during the past week, some days being really good, others below normal. Two new stations, both foreigners, have been heard, one on the 25 and the other on the 49-metre band. The Empire station, GSD, has been heard several times from 4.45 p.m. with transmissions for this zone. RV15 has not been heard recently.

HVJ, Vatican City, 50.26 metres: Comes in at about R8 between 6.30 and 6.45 a.m. Quality is good, except for studio echo.

RV59, Moscow, 50 metres: Very good every morning, being best till just after 7 a.m., when volume goes off.

W8XAL, Cincinnati, 49.5 metres: Well received shortly after 4 p.m., sometimes till about 7 p.m., but often very noisy.

49.5 metres (about): Tuned in just after midnight, Saturday, when an orchestra was R5. Slight static. Volume was up to R8 by 12.40 a.m. Several announcements in a foreign language were heard, but I could not decipher a call. This may have been CQN, Macao, mentioned last week.

W9XF, Chicago, 49.18 metres: Usually reaches R8 soon after 4 p.m., but plenty of background noise.

49 metres (about): At 6.45 a.m. a foreigner was heard at R4, but was gushy. Volume slowly decreased to R1 by 8 a.m.

W8XK, Pittsburgh, 48.86 metres: Often very good during their last hour till 4.30 p.m., reaching R8-9.

REN, Moscow, 45.38 metres: Reception good till after 7 a.m., when it weakens.

GSD, Daventry, 31.55 metres: Heard each morning, but very weak now, seldom being more than R3 at 8 a.m., going off after this time.

W2XAF, Schenectady, 31.48 metres: R5 by closing time at 2.30 p.m. is the best this station is heard now.

VK2ME, Sydney, 31.28 metres: During the first session on Sunday, fading was very severe. Reception was better during the next session, volume being R9 with less fading.

J1AA, Japan, 30.5 metres: Varies from R5 to R8 after 10 p.m. Usually best volume toward midnight.

EAQ, Madrid, 30.4 metres: Weak again now during the 10 a.m. till 11.30 a.m. session, being seldom better than R3.

FYA, "Radio Coloniale," Paris, 25.6 metres: Reception is best now about midday, volume going off toward closing time.

GSD, Daventry, 25.63 metres: Varies greatly during the African zone session, but is usually best between 8 and 8.30 a.m. On Friday there was a surprise for listeners, when, at 8.25 a.m., Mr. Molli-son spoke briefly about his recent trans-Atlantic flight. A slight improvement is noticed in reception of the Australasian zone programmes, which commence at 4.45 p.m. our time. They are of no value yet, being too weak and gushy, but it is only during the last few days that even a sign of GSD has been heard. Monday was probably the best day, when volume was R3 to commence, reaching R6, but very gushy, by 5 p.m. This continued for a short time, signals going right out soon after 5.30 p.m. There is no sign of GSE, which is the other wavelength (19.82 metres) used.

DJD, Zeesen, 25.51 metres: Very weak and gushy each morning at present.

12RO, Rome, 25.4 metres: Saturday was the only morning that this station was heard at all well. At 8 a.m. volume was R8, and quite good except for slight gushiness.

W8XK, Pittsburgh, 25.27 metres: Has been spoilt by gushiness each day except Saturday, when they came in well at R8 till closing as 2.33 p.m.

25 metres (about): Tuned in at 11.30 p.m. on Saturday night to orchestral music at R7, with slight slow fades. They were held till 12 p.m., without any call being given, or announcements made. At 12.30 a.m. a woman sang. Reception was then R6, but still no announcements. Another listener heard what was presumably this station on the previous evening, when announcements were made in a foreign language, but a call could not be identified.

DX Topics

(Continued from page 24.)

top of KFI, the best received American). The International North American Radio Conference recently allotted the various channels on the broadcast band, so as to allow the 801 stations on the North American continent to operate without undue interference. In Australasia there are only 100 odd stations, and yet we are troubled with heterodyning. I think it is now opportune for representatives of the N.Z. Broadcasting Commission and the A.B.C. to meet and divide the 96 channels available so as to do away with the present interference and prevent the serious congestion that is sure to arise if early steps are not taken.—"The Southlander" (Winton).

WORLD'S LARGEST SELLING
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Next Week's Programmes

These items are copyright, but individual programmes may be published on day of performance.

SUNDAY, AUGUST 27

IYA

9.0: Selected recordings.
11.0: Close down.
1.0: Dinner music.
2.0: Selected recordings.
3.30: Recorded Talk: Dr. Markham Lee, "Tchaikowsky."
3.40: Selected recordings.
4.30: Close down.
6.0: Children's Song Service, conducted by Uncle Bert.
7.0: Relay of Evening Service from the Baptist Tabernacle.
Organist and Choirmaster: Mr. Arthur E. Wilson.

2YA

9.0: Chimes. Selected recordings.
11.0: Close down.
1.0: Dinner music.
2.0: Selected recordings.
3.30: Recorded Recital—John Gielgud (a) "King Henry's Speech" (Act IV, Scene 111) (from "King Henry the Fifth").
(b) "Oberon's Speech" (Act II, Scene I).
(c) "Puck's Speech" (Act III, Scene II).
(d) "Oberon's Speech" (Act III, Scene II).
(from "A Midsummer Night's Dream.").
(Shakespeare.)

Selected recordings.

4.30: Close down.

6.0: Children's Song Service, conducted by Uncle George, assisted by the Children's Choir from the Kent Terrace Presbyterian Church.

7.0: Relay of Evening Service from St. Peter's Anglican Church. Preacher: Rev. W. Bullock. Organist and Choirmaster: Mr. S. B. Shortt.

3YA

9.0: Selected recordings.
11.0: Close down.
1.0: Dinner music.
2.0: Selected recordings.
2.45: Talk.
3.0: Selected recordings.
4.30: Close down.
5.30: Children's song service, conducted by children from the Presbyterian Sunday Schools.
6.15: Chimes from Studio.
6.30: Relay of Evening Service from St. Paul's Presbyterian Church.

AUCKLAND

Concert Programme.

8.30 (approx.): March, Studio Orchestra, under Mr. Harold Baxter, "Sounds of Peace" (Blon); Intermezzo, "My Lady Brocade" (Ketelbey).

8.37: Recording (Vocal), Denis King and Chorus, The Three Musketeers: "My Sword and I," "Gascony" (Friml and Grey).

8.43: Recording, J. H. Squire Celeste Octet, "Invitation to the Valse" (Weber).

8.47: Soprano, with Orchestra, Miss Gwenda Weir, "Damon" (Stange); "Cradle Song" (Schubert).

WELLINGTON

Concert Programme.

8.15 (approx.): Concert by the Wellington Chamber Music Players and Selected Recordings.

Instrumental, Wellington Chamber Music Players, "Trio in C Minor" 1st Movement—Allegro Energico (Mendelssohn).

Recording (Tenor), Tom Burke (a) "Because" (d'Hardelot); (b) "Until" (Sanderson); (c) "Silver Threads Among the Gold" (Danks).

Recording (Contralto), Essie Ackland, (a) "An Old Violin" (Fisher); (b) "God's Garden" (Lambert).

Violoncello, Mr. Claude Tanner, (a) "Memoire" (Popper); (b) "Arlequin" (Popper).

Recording (Choral), Choir of St. Margaret's Church, Lee, (a) "Praise My Soul the King of Heaven" (Goss); (b) "Hark! Hark! My Soul" (Smart).

Recording (Baritone), Dennis Noble, (a) "The Gentle Maiden" (arr. Somervill); (b) "Passing By" (Purcell).

Instrumental, Wellington Chamber Music Players, "String Quartet in G" 2nd

820 k.c.

8.54: Recording (Piano), William Murdoch, "Les Collines D'Ancapri" (Debussy); "Bruyeres" (Debussy).

9.0: Weather forecast and notices.
9.2: Scene, The Orchestra, "On the Road to Zagazig" (Finck).

9.6: Soprano, with Orchestra, Miss Gwenda Weir, "A Little Winding Road" (Ronald); "Pleading" (Elgar).

9.13: Suite, The Orchestra, "London Every Day" (Coates).

9.20: Special B.B.C. Recorded Programme, "Ellan Vannin Through the Ages"—A Manx National Programme.

10.0: Close down.

720 k.c.

Movement—Adagio Sostenuto (Haydn).

Weather report and station notices.

Lecturette: Dr. Cyril Jenkins, Late Musical Director and Advisor to the London County Council, "Imaginary Interview with a famous Composer."

Recording (Duets), Dora Labbette and Hubert Eisdell, (a) "Marigold" (Besly); (b) "The Sweetest Flower that Blows" (Hawley).

Instrumental, Wellington Chamber Music Players, "Sonata for Violin and Piano in G" 1st Movement—Lento Doloroso—Allegro Vivace (Grieg).

Recording (Soprano), Lily Pons, (a) "Proch Variations"; (b) "Song of the Nightingale" (Saint-Saens).

Trio, Wellington Chamber Music Players, "Berceuse of Jocelyn" (Godard).

Recording (Male Sextet) The Gentlemen of H.M. Chapels Royal, (a) "Comrades in Arms" (Adam); (b) "Hail! Smiling Morn" (Spofforth).

Instrumental, Wellington Chamber Music Players, "String Quartet in F" 4th Movement—Allegro (Beethoven).

10.0 (approx.): Close down.

CHRISTCHURCH

Preacher: Rev. Alan C. Watson, M.A.

Organist: Mr. Norman Williams.

Choirmaster: Mr. H. Blakeley.

7.45: Selected recordings.

Concert Programme.

8.15: Overture, 3YA Orchestra, Conductor Harold Beck, "Fingal's Cave" (Mendelssohn).

8.25: Soprano, Cecily Audibert, (a) "Vissi d'arte" (Puccini); (b) "Saper Vorreste" (Verdi); (c) "Ye Banks and

980 k.c.

Brnes" (Old Scottish); (d) "Jock o' Hazeldean" (Old Scottish).

8.35: Recording, Violin, Tossy Spivakovsky, "Scherzo—Tarantelle" (Wieniawski).

8.39: Recording: Male Voices, Male Voice Ensemble, "The Moon Hath Raised Her Lamp Above" (Benedict).

8.42: 3YA Orchestra, "The Story of the Kalandar-Prince" from "Scheherazade" (Rimsky-Korsakoff).

8.52: Bass, J. L. Tennent, (a) "The Vagabond" (Williams); (b) "The Old Bard's Song" (Boughton); (c) "Requiem" (Homer).

9.0: Weather forecast and notices.

9.2: Grand Opera Selection, 3YA Orchestra, "Madame Butterfly" (Puccini).

9.10: Soprano, Cecily Audibert, (a) "Come O My Fairest Treasure" (Gluck); (b) "The Last Rose of Summer" (Moore, Trdl.); (c) "Ecstasy of Spring" (Raehmaninoff).

9.18: Recording: Massed Bands, "Andante in G" (Batiste).

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3YA (Continued).

9.22: Presentation of One-Act Radio Drama, "All's Well."

9.35: Recording: Instrumental, The J. H. Squire Celeste Octet, "Nocturne in E Flat" (Chopin).

9.39: Bass, J. L. Tennent, (a) "The Glory of the Sea" (Sanderson); (b) "The Blind Ploughman" (Clarke).

9.45: Ballet Suite, 3YA Orchestra, "La Source" (Delibes).

9.53: Recording: Contralto, Essie Ackland, "Still Night, Holy Night" (Gruber)

9.57: Recording: Military Band, The Band of H.M. Coldstream Guards, "Iolanthe" Selection (Sullivan).

10.0: Close down.

4YA

9.0: Selected recordings.

11.0: Close down.

1.0-2.0: Lunch music.

2.0: Selected recordings.

2.45: Recorded Talk, John Drinkwater, M.A., Ph.D. "The Speaking of Verse."

DUNEDIN

3.0: Selected recordings.

4.30: Close down.

5.30: Children's Song Service, conducted by Big Brother Bill.

6.15: Selected recordings.

6.30: Relay of evening service from

650 k.c.

First (Presbyterian) Church. Preacher: Rev. W. Allan Stavely, M.A. Organist and Choirmaster: Dr. V. E. Galway.

7.45: Selected recordings.

8.15: Relay of Concert Programme from 3YA, Christchurch.

10.0: Close down.

Radio Round the World

A HIGH-POWERED television station of German make is to be erected in Rome to work in conjunction with the existing broadcasting station. Every effort is to be made to have the installation completed before the Christmas festivities.

IN order to encourage the use of receivers the Zagreb station has offered to present a crystal set to every applicant for a listening license. The measure has been adopted owing to statements made to the effect that the trade depression has prevented many worthy families from hearing even local programmes.

MORE listeners in Holland subscribe to broadcast relay systems than to direct wireless broadcasting. According to latest statistics Holland has 280,610 wireless listeners, and no fewer than 291,628 subscribers to the distribution by telephone system.

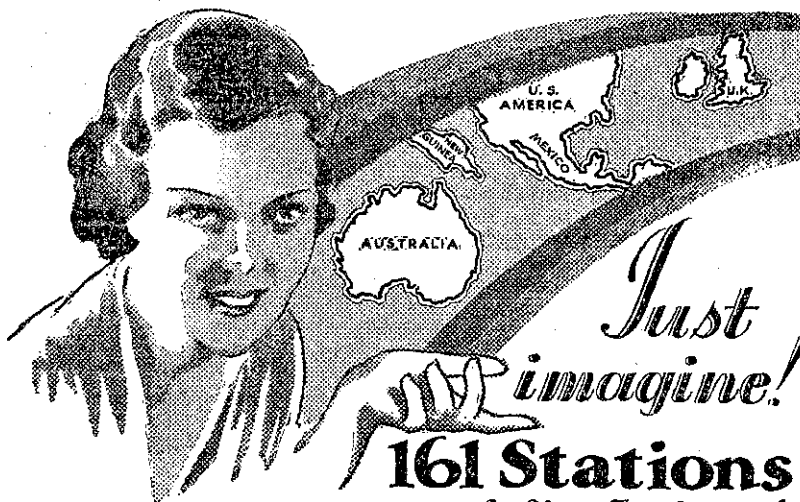
THE elimination of "phantom" stations, i.e., those which have more than one set of call-letters for the same transmitter, has led to the apparent reduction of Canadian broadcasting stations. The official list recognises fifty-six transmitters.

ALTHOUGH the Belgium police have threatened dire punishment upon all unlawful users of radio, it is estimated from sales that there are at least 70,000 pirates in that little country. The number of licenses issued does not exceed 80,000.

AFTER the fall of the Hapsburgs the national anthem of Austria was replaced by a revolutionary song, but the broadcasting studios have now decided to adopt the original Haydn melody that has been used on special occasions as their closing anthem.

COMPLAINTS are being made in the Irish Free State that the programme advisory committee's recommendations are not being acted upon. The committee consists of ten members representative of educational and general interests.

A TIMELY and novel feature of broadcasting in the U.S.A. is a weekly interview before the microphone on Sunday nights between President Roosevelt's secretary, Colonel Howe, and a well-known newspaper correspondent. The interviews are based on the work of Congress during the previous week, and listeners are asked to co-operate by writing to the correspondent upon any points they would like to have elucidated.



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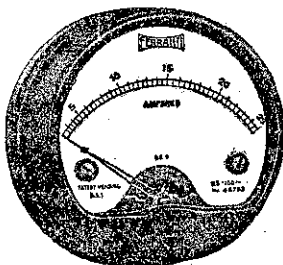
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FERRANTI
RADIO METERS

MONDAY, AUGUST 28

IYA

- 10.0: Devotional service, conducted by Mr. L. E. Falkner.
 10.15: Selected recordings.
 11.0: Talk, "Loreta," "All About Pets."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30: Home Science Talk, prepared by the Home Science Extension Service of Otago University.
 5.0: Children's Hour, conducted by Jack and Jill.

Dinner Music.

- 6.0: B.B.C. Wireless Symphony Orchestra, "Ruy Blas" Overture (Mendelssohn).
 Dajos Bela Orchestra, "Piccolo Piccolo" (Strauss).
 Edith Lorand Orchestra, "Three O'Clock in the Morning" Waltz (Robledo).
 6.14: Regal Cinema Orchestra, "Sally" Selection (Kern).
 Paul Godwin Orchestra, "Doll's Play" (Lederer).
 Grand Symphony Orchestra, "Slavonic Rhapsody" (Friedmann).

AUCKLAND

- 6.32: Eastbourne Municipal Orchestra, "Silhouettes"—(a) "Introduction"; (b) "La Coquette" (Arensky).
 New Queen's Hall Light Orchestra, "Wood Nymphs" Valsette (Coates).
 Edith Lorand Orchestra, "Come Gypsy" ("Countess Maritza") (Kalman).
 De Groot and New Victoria Orchestra, "Other Days" (arr. Finck).
 6.51: Edith Lorand Orchestra, "After the Ball" Waltz (Harris).
 Winter Garden Orchestra, "Thunder and Lightning" (Esther).
 7.0: News and reports. (IYX, 600 kilocycles, after-dinner music).
 7.30: Agricultural Talk, Mr. W. Alexander, "Care of Pastures."

Concert Programme.

(Relay to 12H, Hamilton).

- 8.0: Recording, Debroy Somers Band, "Rigoletto Ramblings" (Verdi).
 8.6: Recording, Anona Winn and Allan O'Sullivan, "My Sunny Monterey" (Nicholls); "Luana" (A Love Song of Hawaii) (Earl).
 8.12: Recording (piano), Thomas Wal-

820 k.c.

- ler, "Numb Fumblin'"; "Handful of Keys" (Waller).
 8.18: Recording (sketch), Clapham and Dwyer, "Another Day's Broadcasting" (Clapham and Dwyer).
 8.24: Recording (bass-baritone), Norman Allin, "The Diver" (Loder); "Asleep in the Deep" (Petrie).
 8.32: Recording (xylophone), Empire Novelty Band, "The Two Imps" (Alford); "Glad Chatter" (Brigham).
 8.38: Recording, Billy Leonard, Mark Daly, Emmica Joyce, Raymond Newell, Norman Williams, and Chorus, "A Miniature Musical Comedy" (Holt).
 8.46: Recording, Vienna Symphony Orchestra, "The Schoenbrunner Waltz" (Lanner); "The Skaters" Waltz" (Waldteufel).
 8.52: Recording, Renate Muller and Hermann Thimic, "A Little Sunshine" (Robinson).
 8.55: Recording, Berlin Imperial Military Band, "King Karl" (Unrath).
 9.0: Weather forecast and notices.
 9.2: Relay from the Auckland Town Hall of wrestling matches.
 10.0: Close down.

2YA

- 10.0: Selected recordings.
 10.30: Devotional service.
 11.30: Lecturette, "Health Hints or First Aid."
 12.0: Lunch music.
 2.0: Selected recordings.
 3.0: Talk, prepared by the Home Science Extension Service of Otago University.
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Hia-watha.

Dinner Music.

- 6.0: Philadelphia Symphony Orchestra, "Dance Orientale" (Glazounoff).
 Herman Finck and His Orchestra, "Gaiety Echoes" (Monckton).
 Dajos Bela Orchestra, "Delirien" Waltz (Strauss).

WELLINGTON

- Marek Weber's Orchestra, "Coeur Brise" (Gillet).
 San Francisco Symphony Orchestra, "Caprice Viennois" (Kreisler).
 6.22: Organ, G. T. Pattman, "Cherie" Waltz (Valentine).
 J. H. Squire Celeste Octet, "Everybody's Melodies" (arr. Squire).
 De Groot (violin), David Bor (piano), H. M. Calve (cello), "El Religario" (Paddila).
 6.35: The Royal Opera Orchestra, Covent Garden, "Eugen Onegin" Waltz (Tchaikowsky).
 Bernado Gallico and His Orchestra, "The Clock is Playing" (Blaauw).
 Pavillon Lescaut Orchestra, "Clog Dance" (Petras).

720 k.c.

- 6.46: Bournemouth Municipal Orchestra, "Don Giovanni" Act 1 Minuet (Mozart).
 Raie da Costa Ensemble, "Funny Face" Selection (Gershwin).
 National Symphony Orchestra, "Turkey in the Straw."
 7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music).
 7.40: Lecturette, Our Book Reviewer, "Books—Grave and Gay."
Concert Programme.
 8.0: Relay from the Otaki Town Hall, Otaki, of Maori Demonstration and Concert in aid of the re-establishment of the Raukawa Maori meeting house. Direction: Mr. Kingi Tahiwai.
 10.15 (approx.): Dance music.
 11.0: Close down.

3YA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk.
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.15: Talk, prepared by the Home Science Extension Service of Otago University.
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Uncle Hamish.

Dinner Music.

- 6.0: New Queen's Hall Light Orchestra, "Britannia" Overture (Mackenzie).
 New Concert Orchestra, "Hydropaten" Waltz (Gung'l).
 Marek Weber and His Orchestra, "Menuet No. 1" (Paderevski).
 6.15: H.M. Grenadier Guards Band, "Hyde Park Suite"—Pt. 1: "Sunday Morning Church Parade"—"Rotten Row"; Pt. 2: (a) "On the Serpentine"; (b) "Around the Bandstand" (Jalowiec).
 Zonophone Salon Orchestra, "Love in a Mist" (Forster).
 6.26: Regimental Band of H.M. Grenadier Guards, "Lo! Here the Gentle Lark" (Bishop).

CHRISTCHURCH

- The Savoy Orpheans, "Jido Lady" Selection (Rodgers).
 'Cello, W. H. Squire, "Andante Religioso" (Thome).
 6.42: Rio Novelty Orchestra, "Mien-tras Iora et Tango" (Barabine).
 Edith Lorand Orchestra, "Johann Strauss Fantasia" (Strauss).
 Grand Symphony Orchestra, "Japanese Cherry Blossom Festival" (Yoshitomo).
 7.0: News and reports.
 7.35: W.E.A. Session, Mr. A. L. R. Noonan, M.A., Psychological Factors in Everyday Life—"Suggestion."

Concert Programme.

- 8.0: March, The Ashburton Salvation Army Band, Conductor, Mr. G. E. Argyle, "Happy Warrior" (Kirk).
 8.6: Recording, Vocal Gems, The Student Prince Company, "The Student Prince" (Romberg).
 8.14: Recording, sketch and humour, Clapham and Dwyer, "Another Day's Broadcasting" (Clapham and Dwyer).
 8.20: Mezzo-Soprano, Mrs. H. Turnbull, (a) "A Spirit Flower" (Tipton); (b) "You in a Gondola" (Clarke); (c) "I Wonder if Love is a Dream" (Foster).

980 k.c.

- 8.26: Medley, Ashburton Salvation Army Band, "Victors" (Marshall).
 8.32: Recording, bass, Norman Allin, "Asleep in the Deep" (Petrie).
 8.36: Recording, vocal duet, Ana Hato and Deane Waretini, "E Pari Ra" (arr. Rowe).
 8.39: Cornet solo with Band, Bandsman L. Baughen, "Long, Long Ago" (Scotney).
 8.47: Tenor, H. J. Francis, (a) "Macushla" (McMurrough); (b) "Who is Sylvia?" (Schubert).

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3YA (Continued).

8.53: Air Varie, Ashburton Salvation Army Band, "Good Old Army" (Coles).

9.0: Weather forecast and station notices.

9.2: Reserved.

9.17: Caprice, Ashburton Salvation Army Band, "Joyful Memories" (Scotney).

9.21: Recording, male quartette, The Revellers, "Kentucky Babe" (Geibel).

9.24: Recording, violin and organ, De Groot (violin) and Herbert Dawson (organ), "Softly Awakes My Heart" (Saint Saens).

9.27: Mezzo-Soprano, Mrs. H. Turnbull, (a) "One Fleeting Hour" (Lee); (b) "Until" (Sanderson).

9.3: Selection, The Salvation Army Band, "Rejoice" (Marshall).

9.40: Recording (humour), Flanagan and Allen, "Cl'oi'sters" (Flanagan).

9.46: Valse, Ashburton Salvation Army Band, "The Homelight" (Scotney).

9.52: Tenor, H. J. Francis, (a) "Mountain Lovers" (Weatherley); (b) "Sacrament" (McDermid).

9.58: March, Ashburton Salvation Army Band, "The Feast" (Ball).

10.0: Close down.

4YA

10.0: Selected recordings.

10.15: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

DUNEDIN

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

Dinner Music.

6.0: Barnabas Von Geczy and His Orchestra, "Strauss Waltz Medley" (Strauss).

650 k.c.

Berlin State Opera House Orchestra, "Aida" Selection (Verdi).

Edith Lorand Orchestra, "Minuet" (Boccherini).

6.19: New Concert Orchestra, "Nights of Fragrance" Waltz (Ziehrer).

New Queen's Hall Light Orchestra, "Summer Days" Suite (Coates): (1) "In a Country Lane"; (2) "On the Edge of the Lake"; (3) "At the Dance."

6.33: Berlin State Opera House Orchestra, "La Traviata" Prelude (Verdi).

H.M. Air Force Band, "The Nightingale and the Frogs" (Eilenberg).

London Theatre Orchestra, "Frederica—Selection" (Lehar).

6.49: J. H. Squire Celeste Octet, "Collette—Valse" (Fraser-Simson).

Columbia Symphony Orchestra, "Idillio" (Lack).

International Novelty Orchestra, "Love Sends a Little Gift of Roses" (Openshaw).

7.0: News and reports.

Concert Programme.

8.0: Programme of recordings.

Selection, The Halle Orchestra, "Enigma Variations" (Theme and Variations, Nos. 1, 2, 3, 4 and Finale) (Elgar).

8.12: Contralto, Muriel Brunskill, (a) "Bless this House" (Brahe); (b) "God Make Me Kind" (Wood).

8.18: Waltz Selection, The Vienna Symphony Orchestra, (a) "The Schoenbrunner Waltz" (Lanner); (b) "The Skaters" (Waldteufel).

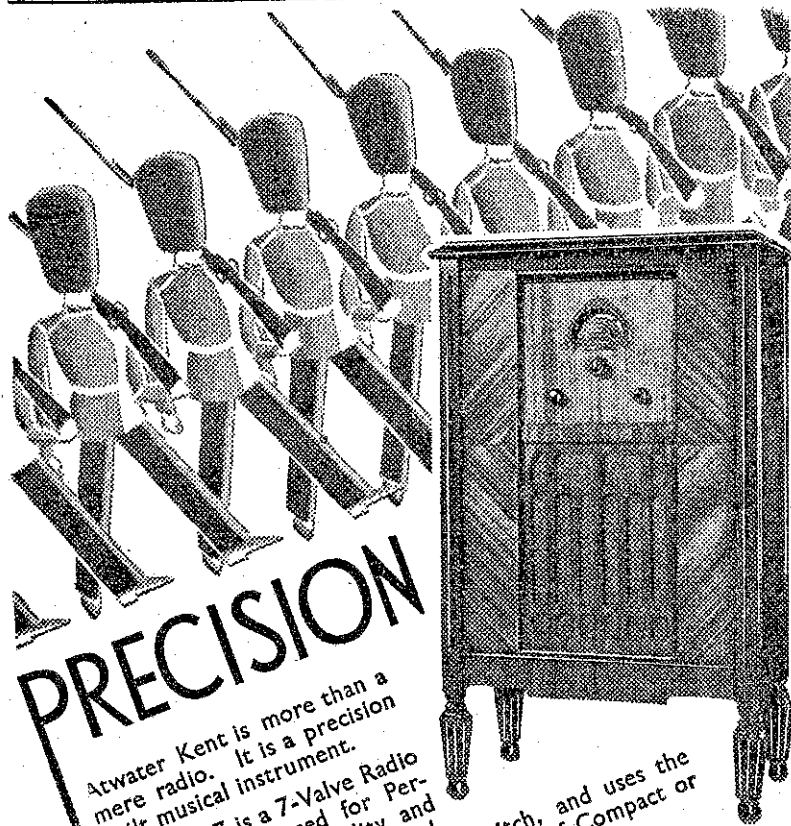
8.24: Chorus with Accordeon Band, Male Chorus and Gerald's Accordeon Band, "Sea Shanties" (Trdli).

8.30: Talk, Professor T. D. Adams, "Boxing and Wrestling in Ancient Greece."

9.0: Relay of wrestling from Dunedin, Pereira v. Rumberg.

10.0 (approx.): Dance music.

11.0: Close down.



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A TOTAL of 48 broadcasting stations is provided in Norway's new three-year plan, which has begun with the construction of the 20-kilowatt transmitter at Bergen. The existing station at Trondheim is to be increased in power immediately.

WITH a view to carrying out the "Ferrie Plan" in its entirety the French State has decided, notwithstanding the purchase of Radio Paris, to erect a 120 kilowatt transmitter near the capital. Work has begun on the new building and it is designed to bring the station into operation at the beginning of the new year.

AS is generally known, American amateurs have an extensive network of stations for the transmission of messages free of charge. During 1932 no fewer than 1,194,995 messages were dealt with by 20,656 operators which contrasts strikingly with the 294,972 messages handled by 8,140 amateurs during 1920, the first year for which statistics were compiled.

TUESDAY, AUGUST 29

IYA

10.0: Devotional service, conducted by the Rev. T. H. Eccerall.

10.15: Selected recordings.

12.0: Lunch music.

2.0: Selected recordings and literary section.

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

Dinner Music.

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

Vienna Philharmonic Orchestra, "Il Seraglio" Overture (Mozart).

Organ, F. Rowland-Time, F.R.C.O., "Melody" (Dawes).

Victor Salon Orchestra, "The World is Waiting for the Sunrise" (Lockhart).

6.15: Mayfair Orchestra, "Nights of Gladness" Waltz (Ancliffe).

Regal Cinema Orchestra, "A Musical Jig-Saw" (arr. Aston).

The Royal Opera Orchestra, Covent Garden, "Berceuse" (Jarnefeldt).

6.31: Paul Whiteman and His Orchestra, "Song of India" (Rimsky-Korsakov).

J. H. Squire Celeste Octet, "Two Eyes of Grey" (McGeoch).

Jack Hylton and His Orchestra, "When

AUCKLAND

820 k.c.

the White Elder Tree Blooms Again" (Doelle).

Dajos Bela Orchestra, "The Zarzewitsch Potpourri" (Lehar).

Paul Whiteman and His Orchestra, "Liebestraum" (Liszt).

6.52: Poltronieri String Quartette, "Allegro con Brio" (Boccherini).

International Novelty Quartette, "Stephanie" Gavotte (Czibulka).

7.0: News and reports. (1YX, 600 kilocycles, after-dinner music).

7.30: Our Book Reviewer—Book review.

Concert Programme.

(Relay to 1ZM, Hamilton).

8.0: Recording (overture), Basle Symphony Orchestra. Conductor, Felix Wengartner, "Der Freischütz" Overture (Weber).

8.9: Recording (soprano and tenor duet with chorus), Emmy Bettendorf and Hans Clements, "Rose Songs" (Eulenberg).

8.17: Recording, Berlin Mandolin Orchestra, "Gavotte in A Major" (Henze); "Marche Grotesque" (Schmalstich).

8.23: Recording (bass), Malcolm McEachern with John Alexandra, bassoon,

"My Grandfather's Clock" (Foote); "Lucy Long" (Godfrey).

8.29: Recording (piano), Alfred Cortot, "Rigoletto Paraphrase" (Liszt).

8.37: Selected recordings.

8.44: Special recording, International Singers, "Roses of Picardy" (Wood).

8.47: Recording (violin), Erica Morini, "Gypsy Serenade" (Valdez); "Arioso" (Bach).

8.53: Recording (tenor), Richard Tauber, "Mexican Serenade" (Terese).

8.56: Recording, Massed Military Bands, "March Indienne" (Sellenick).

9.0: Weather forecast and notices.

9.2: Talk, Sir James Parr, "More Humorous Stories of a Public Life."

9.22: Special recording, International Singers, "Long Ago in Alcalá" (Messager); "The Beggar's Song" (Loveridge).

9.26: Selected recordings.

9.40: Recording (humour), Cicely Courtneidge and Co., "Laughing Gas" (Furber).

9.52 Recording (selection), New State Symphony Orchestra, "Frederica" (Lehar).

10.0: Dance music.

11.0: Close down.

2YA

10.0: Selected recordings.

10.30: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's Hour, conducted by Jumbo.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "La Fera" Spanish Suite (Lacome).

Johann Strauss and Symphony Orchestra, "Freuet euch des Lebens" Waltz (Strauss).

Cello, Cedric Sharpe, "Air" (Pergolesi).

6.14: Orchestra Mascotte, "The Faithful Hussar" (Frantzen).

Berlin State Opera House Orchestra, "Polonaise No. 2" (Liszt).

Violin, Yehudi Menuhin, "Allegro" (Pisoco).

H.M. Grenadier Guards Band, "Merrie England" Selection (German).

WELLINGTON

720 k.c.

6.36: String Orchestra, "Overture to Arundel Suite" (Brown).

Frank Westfield's Orchestra, "Chu Chin Chow" Selection (Norton).

Johann Strauss and Symphony Orchestra, "Thousand and One Nights" (Strauss).

New Light Symphony Orchestra, "Hearts and Flowers" (Tobani).

6.51: Lucern Kursaal Orchestra, "Dance of the Flowers" (Delibes).

Orchestra Mascotte, "Woodland Joys—Novelty Waltz" (Lindstrom).

7.0: News and reports. (2YO, 1010 kilocycles, after-dinner music).

7.40: Lecturette, Representative Agricultural Department, "For the Man on the Land."

Concert Programme.

8.0: The First Half of the programme will be interrupted to permit of a relay

from the Town Hall of the Wellington Competition Society's Festival.

Selected recordings.

Piano Recital, Miss Alice Law, L.R.A.M., (a) "Aria" (Schumann); (b) "Humoreske" (Juon); (c) "Troika" (Tschaiakowsky); (d) "La Truite" (Schubert-Heller).

8.40: Lecture: J. Margaret Macpherson, "What's All This About Marriage."

9.0: Weather report and station notices.

9.2: Special B.B.C. Programme: "Worlds Away." A family chronicle from the year 1812 to the year 1933, specially written for broadcasting by John Watt, and produced by the author in the London Studios of the British Broadcasting Corporation.

The Orchestra under the direction of Leslie Woodgate.

The Wireless Military Band conducted by B. Walton O'Donnell.

10.5 (approx.): Close down.

3YA

10.0: Devotional service.

10.15: Selected recordings.

11.0: Talk, Miss M. O'Halloran, "Fashions."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

5.0: Children's hour, conducted by "Cousin Beatrice."

Dinner Music.

6.0: B.B.C. Wireless Symphony Orchestra, "The Bohemian Girl" Overture (Balfe).

The London Palladium Orchestra, "Longing" (Haydn-Wood).

Boston Symphony Orchestra, "Frühlingsstimmen" Waltz (Strauss).

6.15: De Groot and His Orchestra, "Une Heure D'Amour" (Alexander).

Royal Italian Band, "Inno di Garibaldi" (Ollivier).

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

CHRISTCHURCH

980 k.c.

6.30: De Groot and His Orchestra, "In the Night" (Tate).

Bournemouth Municipal Orchestra, "Marriage of Figaro Fandango" (Mozart).

Organ, Terence Casey, "The Irish Organist" Medley (Arr. Casey).

6.44: International Novelty Orchestra, "Gold and Silver" Waltz (Lehar).

Virtuoso String Quartet, "The Emperor Quartet" "Theme and Variations" (Haydn).

Dajos Bela and His Balalaika Orchestra, "Around the Volga—Potpourri of Russian Songs" (Borchert).

7.0: News and reports.

7.25: Dialogue, Messrs. E. B. Wiltshire and F. C. Fairclough, "The Story of the Garded."

Concert Programme.

8.0: Chimes. Studio presentation of "Legend," a drama of the sea in two

acts (Philip Johnson, arr. A. L. Curry). For both acts the scene is the living-room of Mrs. Reed's cottage on the East Coast of England. The cottage is one of a cluster of little houses set on a winding pathway, which runs down a long slope to the sea. Always the roar of the sea fills the daily lives of the villagers. Mrs. Reed's cottage is opposite the Blue Mermaid Tavern and the Sailor's Institute. Cast of Characters: Mrs. Reed, Miss Jean Carroll; Martin Reed, Mr. W. B. Harris; Mrs. Walters, Mrs. Lilian Young; Jan, Peter Smythe; The Rev. Mr. Fallows, Mr. J. Flewellyn; The Stranger.

9.13 (approx.): Weather forecast and station notices.

9.15: Selected recordings.

9.30: Dance music.

11.0: Close down.

4YA

10.0: Selected recordings.
 10.15: Devotional service.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.15: Lecturette, Mr. E. S. McFarlane, "Review of Music."
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Wendy and Aunt Leonore, including presentation of B.B.C. Play, "Robin Hood and the Sorrowful Knight."

Dinner Music.

6.0: Milan Symphony Orchestra, "Semiramide Overture" (Rossini).
 Orchestre Symphonique de Paris, "L'Arlesienne Suite" Adagietto (Bizet).
 The Parlophone Salon Orchestra, "A

DUNEDIN

Lover in Damascus" (Woodforde-Finden).

6.21: Dajos Bela Orchestra, "Dynamiden" Waltz (Strauss).

Halle Orchestra, "Capriccio Espagnole" (Rimsky-Korsakov).

London Symphony Orchestra, "Chanson de Marin" (Elgar).

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

Major Bowes' Capitol Theatre Trio, "My Isle of Golden Dreams" (Blaufuss).

Berlin State Opera House Orchestra, "From Foreign Parts" ("Spain" and "Hungary") (Moszkowski).

7.0: News and reports.

7.30: W.E.A. Session, Rev. W. A. Curzon-Siggers, Lecturer in International Law, "Peaceful Means for Settlement of International Disputes."

Concert Programme.

8.0: Thirty minutes of Selected Recordings.

8.30: Programme featuring selections by the Band of H.M. Coldstream Guards. Recording, The Band, "Floradora" (Stuart).

8.50: Bass, Wilfred Kershaw, "Hybris the Cretan" (Elliot).

THE bugle call blown from the top of St. Mary's tower at Cracow, Poland, is a tradition dating back to the Middle Ages, when the city was besieged by an enemy. The sentry was killed before he could sound an alarm, and to-day the unfinished call is given hourly as a time signal and broadcast by the local station.

IN Bavaria if telephone subscribers are only interested in Munich programmes, they may receive them through a special loudspeaker hired out by the postal authorities. The rental is approximately four shillings monthly.

DISCORD apparently characterises the B.B.C. Musical Advisory Committee. Two members of this important branch of the B.B.C. recently tendered their resignations over disputes with respect to the type of music to be broadcast. The resignations were, however, declined, in the hope that better counsels may prevail.

RADIO LUXEMBOURG broadcasts special concerts for British, French, German, Belgian, Dutch and Italian listeners. It is the most cosmopolitan of all European stations, and its three announcers give out the items nightly in several different languages.

ONE of the difficulties which troubled the Lucerne Broadcasting Conference was that of Russian wave-lengths. The Russians have never before recognised any restrictions; many of their transmitters range between 600 and 1000 metres. They agreed to certain restrictions, but refused absolutely to abandon some of their wave-lengths outside the ordinary broadcasting band. Another difficulty was the cost of alterations to existing stations. It was pointed out that if the high-power station at Luxembourg were required to work on medium waves it would have to be almost completely scrapped and re-built. Also, with new wave-lengths, every German station would have to buy new crystals, at a cost of about £50 each.

650 k.c.

8.43: Recording, The Band, "Americana" (Thurban).

8.51: Soprano, Freda Elmes, (a) "Impatience" (Schubert); (b) "Spring's Looking out of Her Window" (Carew).

8.57: Recording, The Band, "Raymond" (Thomas).

9.0: Weather report and station notices.

9.2: Talk, Mr. David Graham, F.R.C.S., "The Domestic Affairs of the Sea Dwellers" (Dredging in 70 Fathoms, 7 miles off Cape Saunders. How we dredged the floor of the ocean and what we found there).

9.18: Recording, The Band, "Faust" (Gounod).

9.26: Bass, Wilfred J. Kershaw, (a) "Cargoes" (Shaw); (b) "Crossing the Bar" (Willeby).

9.33: Recording, The Band, "Selection of Wilfred Sanderson's Songs" (Sanderson).

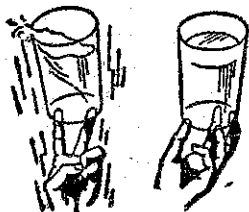
9.41: Recording (Talking), Bransby Williams, "The Green Eye of the Yellow God" (Hayes).

9.45: Soprano, Freda Elmes, (a) "If No One Ever Marries Me" (Lehmann); (b) "Within a Mile of Edinburgh Town" (Ross).

9.52: Recording, The Band, "1812" (Tchaikowsky).

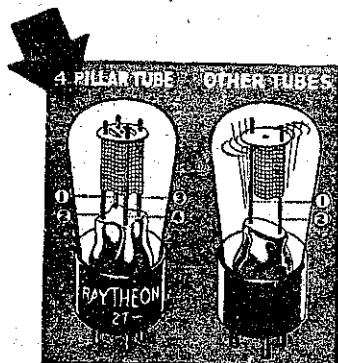
10.0: Close down.

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WEDNESDAY, AUGUST 30

IYA

- 10.0: Devotional service, conducted by Rev. E. R. Harries.
 10.15: Selected recordings.
 11.0: Talk, "Karere," "Women's Interests."
 12.0: Lunch music.
 12.30: Relay of Community Singing from the Town Hall.
 2.0: Selected recordings and literary selection.
 5.0: Children's Hour, conducted by Cinderella.

Dinner Music.

- 6.0: New Mayfair Orchestra, "Folly to be Wise" Selection.
 Band of H.M. Coldstream Guards, "Selection of Wilfred Sanderson's Song."
 Orchestra Mascotte, "Mimosa Waltz" (Jones).
 6.15: Organ, John Hassel, "By the Waters of Minnetonka" (Lieurance).
 Violin, Mischa Elman, "Souvenir" (Drdla).
 Debroy Somers Band, "Stealin Thro' the Classics"—No. 1: "The Masters" (arr. Somers).
 6.30: Dr. Ormandy Instrumental Trio,

AUCKLAND

820 k.c.

- "From the Land of the Sky-Blue Water" (Cadman).
 Marek Weber and His Orchestra, Fantasia on the Song "Long, Long Ago" (Dittrich).
 Orchestra Mascotte, "Love Bells" Waltz (Benatzky).
 De Groot and the Piccadilly Orchestra, "Charmaine" (Rapee-Pollack).
 New Light Symphony Orchestra, "Spanish Dance No. 3" (Granados).
 6.47: J. H. Squire Celeste Octet, "The Butterfly" (Bendix).
 New Mayfair Orchestra, "Blue Roses" Selection (Ellis).
 Winter Garden Orchestra, "Storm Galop" (Komzak).
 7.0: News and reports. (1YX, 600 kilocycles, after-dinner music).
 7.30: W.B.A. Session, The Rev. W. Jellie, B.A., "Modern Poetry: 'Ireland'."

Concert Programme.

- 8.0: Selected recordings.
 8.30: Intermezzo, Marelle Sextet, "Piritation" (Fletcher). "Rose Mousse" (Finck).
 8.36: Recording (soprano), Gladys Moncrieff, "Lover of My Dreams" (Cavalcade) (Coward).
 8.39: Recording (piano), Cyril Scott, "Souvenir de Venice" (Scott).
 8.42: Baritone with orchestra, Mr. Stan Pritchard, "Little Coon's Prayer" (Hope); "Invictus" (Mahn).
 8.49: Recording (violin), Fritz Kreisler, "Rondino" (Kreisler).
 8.52: Recording (vocal gems), Light Opera Company, "Mister Cinders" (Ellis).
 8.56: Tango, Marelle Sextet, "El Saludo" (Ancliffe).
 9.0: Weather forecast and notices.
 9.2: Talk, Mr. A. E. Mulgan, "World Affairs."
 9.22: Intermezzo, Marelle Sextet, "Glow Worm" (Lincke).
 9.25: Baritone with orchestra, Mr. Stan. Pritchard, "Song of the Clock" (Burchall).
 9.28: Dance, Marelle Sextet, "In the Shadows" (Finck).
 9.31: Dance music.
 11.0: Close down.

2YA

- 10.0: Selected recordings.
 10.30: Devotional service.
 11.30: Lecturette, "Hollywood Affairs."
 12.0: Lunch music.
 12.30 to 1.30: Relay from the Grand Opera House of Community Sing. Selected recordings.
 3.0: Lecturette, Miss Ruth Hay, "Physical Education as a Means of Moral and Social Training."
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Uncle Ernest.

Dinner Music.

- 6.0: Piccadilly Orchestra, "The Waltz Dream" (Strauss).
 Plaza Theatre Orchestra, (a) "Scarf Dance"; (b) "Pierrette" (Chaminade).
 J. H. Squire Celeste Octet, "Operation" (arr. Squire).
 Dajos Bela Orchestra, "Woodland Peace" Waltz (Favilla).
 6.22: J. H. Squire Celeste Octet, "Ave

WELLINGTON

720 k.c.

- Maria" (Bach-Gounod).
 Coldstream Guards Band, "Suite Francaise" (Foulds).
 Marek Weber and His Orchestra, "Tres Jolie" Waltz (Waldteufel).
 6.42: Organ, Reginald Foort, "The Sacred Hour" (Ketelbey).
 Albert Sandler, "Salut d'Amour" (Elgar).
 Opera Comique Orchestra, "Scenes Pittoresques" (March and Fete Boheme) (Massenet).
 Orchestra Mascotte, "Amoureuse" Waltz (Berger).
 7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music).
 7.30: Lecturette, Our Gardening Expert, "For the Home Gardener."

Concert Programme.

- 8.2: Overture, New B.B.C. Symphony Orchestra, "Hansel and Gretel" (Humperdinck).
 8.10: Concerted Vocal, B.B.C. Wireless Chorus, "Tales from the Vienna Woods" (Strauss).
 8.16: Sketch, B.B.C. Artists, "The House that Jack Built" (Ronald Jeans).
 8.24: Concerted vocal, B.B.C. Wireless Singers, "O Hush Thee My Babe" (Lullivan).
 8.27: Band, B.B.C. Wireless Military Band, "Slavonic Rhapsody" (Friedmann).
 8.35: Vocal Duet, Jack and Claude Hulbert, "Jolly Good Company" (Wallace).
 8.40: Talk, Mr. Leslie Greener (of Oriental Institute, Luxor), "Working Amongst the Temples of Egypt."
 9.0: Weather forecast and station announcements.
 9.4: Selected recordings, interspersed with relays from Wellington Competitions Society's Festival.
 10.0: Close down.

3YA

- 10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk.
 11.15: Selected recordings.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by

CHRISTCHURCH

980 k.c.

- "Uncle Allan" (including record entitled "Robin Hood and the Sorrowful Knight"—a special B.B.C. recorded programme).

Dinner Music.

- 6.0: Bournemouth Municipal Orchestra, "Crown Diamonds" (Auber).
 Jacques Jacobs' Ensemble, "L'Estudiantina" Waltz (Waldteufel).
 6.11: Debroy Somers Band, "Mister Cinders" Selection (Myers).
 Grand Symphony Orchestra, "Hungarian Dances" Nos. 5 and 6 (Brahms).
 Organ, Stanley Macdonald, "The Rosary" (Nevin).
 6.25: The London Orchestra, "Valse Memories" (arr. Somers).
 Albert W. Ketelbey's Concert Orchestra, "Cockney Suite" (Ketelbey): (1) "A State Procession"; (2) "The Cockney Lover"; (3) "At the Palace de Dance"; (4) "Elegy"; (5) "Bank Holiday."
 6.47: B.B.C. Wireless Symphony Orchestra, "Il Trovatore" Selection (Verdi).
 Dajos Bela Orchestra, "Casino Tanze" Waltz (Gungl).

- 7.0: News and reports.
 7.30: Addington Stock Market Reports.
Concert Programme.
 8.0: Relay of Concert Programme from Station 4YA, Dunedin.
 10.0: Dance music.
 11.0: Close down.

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4YA

10.0: Selected recordings.
 10.15: Devotional service.
 10.45: Lecturette, Mr. J. V. Hanna, "Physical Culture."
 12.0: Lunch music.
 2.9: Selected recordings.
 3.15: Lecturette, Home Science Department, "Another 'Sweets' Talk—Chocolate and Fondant."
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Aunt Gretchen.

Dinner Music.

6.0: Grand Symphony Orchestra, "Lustspiel Overture" (Kela Bela).

DUNEDIN

J. H. Squire Celeste Octet, "Twilight on the Waters" (Squire).
 Dajos Bela Orchestra, "I Pagliacci" Selection (Leoncavallo).
 6.14: Orchestra Mascotte, Hobgoblins' Review" (Noack).
 Dajos Bela Orchestra, "Viennese Waltz Potpourri" (Robrecht).
 Milan Symphony Orchestra, "Le Maschere—Sinfonia" (Mascagni).
 6.32: Grand Symphony Orchestra, "Naila" Ballet Intermezzo (Delibes).
 Sir Henry J. Wood's Symphony Orchestra, "Prelude in C Sharp Minor" (Rachmaninoff).
 The State Opera Orchestra, Berlin,

650 k.c.

"Kamarinskaja" Fantasia on two Russian Folk Songs (Glinka).
 La Argentina, Castanets, with Orchestra, "Dance No. 5" (Granados).
 6.48: Orchestre Symphonique de Paris, "L'Arlesienne Suite" Entr'acte—Le Carillon (Bizet).
 J. H. Squire Celeste Octet, "The Chorister's Dream" (Ward).
 H.M. Coldstream Guards' Band, "The Belle of New York" Selection (Kerker).
 7.0: News and reports.

Concert Programme.

8.0: March Selections, The Salon Orchestra (Mons. de Rose, conductor), (a) "Hungarian March" (Schubert); (b) "Jubel March" (Strauss).
 8.12: Quartet, The Philharmonic Four, (a) "The Tide Rises, the Tide Falls" (Carson); (b) "Oft in the Stilly Night" (Trtl.).
 8.19: Recording (Recitals), Dame Sybil Thorndike and Lewis Casson, "Scenes from 'MacBeth'" (Shakespeare): (1) "The Letter Scene"; (2) "The Murder Scene."
 8.27: Fantasia, The Salon Orchestra, "Fantasie Orientale" (Wienawski).
 8.37: Baritone, Mortley Peake, (a) "Obstination" (de Fontenailles); (b) "Reveille" (Rogers).
 8.44: Recording (Violin), Master Yehudi Menuhin, "Finale from Concerto No. 1 in G Minor" (Bruch).
 8.52: Quartet, The Philharmonic Four, "A Rose in Heaven" (Abt).
 8.56: Selection, The Salon Orchestra, "Le Jour de Fete" (Schumann).
 9.0: Weather report and station notices.
 9.2: Reserved.
 9.17: Recording, The Sieber Choir, "The Mill in the Black Forest" (Ellenberg).
 9.21: Overture, The Salon Orchestra, "Orpheus and Euridice" (Gluck).
 9.27: Quartet, The Philharmonic Four, "Venetian Boatman's Evening Song" (Hatton).
 9.31: Recording (Piano), Mischa Levitzki, "Organ Prelude and Fugue" (Bach-Liszt).
 9.39: Concert Waltz, The Salon Orchestra, "Nymph and Faun" (Delibes).
 9.46: Quartets, The Philharmonic Four, (a) "A Lullaby" (Lott); (b) "Sleep, Gentle Lady" (Bishop).
 9.53: Recording, Massed Military Bands, (a) "1001 March" (Blankenburg); (b) "The Gladiator's Farewell" (Blankenburg).
 10.1: Close down.



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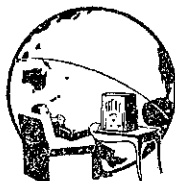
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THE new Vienna station to be opened at Bisamberg is to cost about £100,000.

THE U.S.A. Federal Radio Commission has won the first case involving radio matters to reach the Supreme Court. It concerned the authority of the commission to grant WJKS unlimited time on 560 kilocycles, a frequency until then assigned to two other stations without compensation to the latter. It means that the commission can effect wholesale reorganisation of broadcasting facilities, without compensation of owners of stations suppressed. Many of the States are "over-quota" and concern is felt by numerous station owners. Within a few hours of the decision several applications were received from prospective stationowners in "under quota" States for broadcasting permits.

THURSDAY, AUGUST 31

IYA

10.0: Devotional service.
 10.15: Selected recordings.
 12.30: Relay of Mid-day Service from St. Matthew's Anglican Church.
 12.50: Lunch music.
 2.0: Selected recordings.
 3.30: Home Science Talk, prepared by the Home Science Extension Service of Otago University, "What's New in the Vegetable Garden?"
 5.0: Children's hour, conducted by Aunt Dorothea.

Dinner Music.

6.0: Plaza Theatre Orchestra, "A Musical Switch" Humoresque (arr. Alford).
 The Salon Orchestra, "Serenade" (Schubert).
 6.14: Marek Weber and His Orchestra, "From Mozart's Treasure Trove" Fantasia (Urbach).
 The International Concert Orchestra, "Love and Spring" Waltz (Waldteufel).
 Regimental Band of H.M. Grenadier Guards, "Parade of the Elephants" (Chenette).
 6.29: London Symphony Orchestra, "Czar Sultan" Suite, No. 3 (Rimsky-Korsakov).
 Zonophone Salon Orchestra, "In the Shadows" (Finck).
 Marek Weber and His Orchestra, "La Tosca" Pot-pourri (Puccini).

AUCKLAND

820 k.c.

6.48: Orchestra Mascotte, "The Gipsy Princess" Waltz (Kalman).
 Zonophone Salon Orchestra, "Sweet Adeline" (Armstrong).
 Pavilion Lescant Orchestra, "I Drive Out in My Little Limousine" (Cowler).
 7.0: News and reports. (1XX, 690 kilocycles, after-dinner music).
 7.30: W.E.A. Session, "Workers of N.Z.: Lathe, File and Spanner," by "A Mechanic."

Concert Programme.

(Relay to 1ZHI, Hamilton.)

8.0: Suite, The Studio Orchestra, under Mr. Harold Baxter, "From the South" (Nicode).
 8.10: Recording (Vocal Selection), Carl Rosa Opera Company, "Il Pagliacci" (Leoncavallo).
 8.18: Recording (Trio), De Groot, David Bor and Reginald Kilbey, "Frasquita" (Lehar).
 8.21: Contralto, with Orchestra, Madame Irene Ainsley, "The Flower Song" ("Faust") (Gounod); "O Love, from Thy Power" ("Samson and Delilah") (Saint Saens).
 8.28: Recording (Piano), Karol Szerter, "Moonlight Sonata: Adagio Sostenuto" Allegretto (Beethoven).

8.34: Intermezzo, The Orchestra, "Démouille Chic" (Lincke); "Fleurlette D'Amour" (Fletcher).
 8.40: Sketch, Miss Norah Whineray and Mr. C. F. Burnett, "Uncle Henry" (Thomas).
 8.50: Recording (Baritone), Dennis Noble, "Glorious Devon" (German); "Four Jolly Sailormen" (German).
 8.56: Waltz, The Orchestra, "Venus on Earth" (Lincke).
 9.0: Weather forecast and notices.
 9.2: Talk, The Rev. W. Lawson Marsh, "Slave Trading and the Fight for its Abolition."
 9.22: Selection, The Orchestra, "There and Back" (Finck).
 9.28: Recording (Violin), Efrem Zimbalist, "Impromptu" (Aulin).
 9.32: Contralto with Orchestra, Madame Irene Ainsley, "I Mourn My Beloved One"; "Che Faro" (Gluck).
 9.39: Sketch, Miss Norah Whineray and Mr. C. F. Burnett, "Sign Posts" (Cronin).
 9.47: The Orchestra, "Sangre Torera" (Erville).
 9.50: Recording (Tenor), Richard Tauber, "Had I the Words" (Abraham).
 9.53: Overture, The Orchestra, "Marinella" (Fucik).
 10.0: Close down

2YA

10.0: Selected recordings.
 10.30: Devotional service.
 12.0: Lunch music.
 2.0: Selected recordings.
 3.0: Talk, prepared by the Home Science Extension Service of Otago University, "What's New in the Vegetable Garden?"
 3.30 and 4.30: Sports results.
 4.55: Close down.
 5.0: Children's hour, conducted by Big Brother Jack.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "Christmas Concerto" (Corelli).
 De Groot and His Orchestra, "Romance" (Rubinstein).
 De Groot's Piccadilly Orchestra, "None but the Weary Heart" (Tschalkowsky).
 Organ, Edward O'Henry, "Ca C'est Madrid" (O'Henry).
 Johann Strauss and Symphony Orchestra, "Blue Danube" Waltz (Strauss).
 6.28: Salon Orchestra, "Chanson Bohème" (Baldi).
 Marimba Band, "Aguas Dormides" (Bolanos).

WELLINGTON

720 k.c.

National Symphony Orchestra, "Bolero in D Major" (Moszkowski).
 Bernardo Gallico and His Orchestra, "The Dance of the Dwarfs" (Noack).
 6.40: Cedric Sharpe Sextet, "Chanson Napolitaine" (d'Ambrosio).
 Dajos Bela Orchestra, "Count of Luxembourg" Waltz (Lehar).
 Sandor Joszi Orchestra, "An Eastern Wedding" (Prychistal).
 Organ, Edward O'Henry, "Just as We Used to Do" (Rulli).
 6.53: Vienna Philharmonic Orchestra, "Hungarian Dance, No. 1" (Brahms).
 Plaza Theatre Orchestra, "A la Gavotte" (Finck).
 7.0: News and reports. (2YC, 101.4 kilocycles, after-dinner music).
 7.30: W.E.A. Session, Mr. A. D. McIntosh, M.A., "Libraries, Ancient and Modern—Books in the Beginning."

Concert Programme.

8.0: Overture, 2YA Concert Orchestra (Conductor, Mr. Leon de Mauny), "Orpheus in the Underworld" (Offenbach).
 8.10: Recording (Descriptive Sketch),

The Roosters Concert Party, "A Village Concert" (Merriman).
 8.18: Valse, 2YA Concert Orchestra, "Mon Reve" (Waldteufel).
 8.24: Recording (Baritone), John Thorne, (a) "B'g Ben is Saying Good-night" (Murray); (b) "A Bedtime Story" (Nicholls).
 8.30: Selection, 2YA Concert Orchestra, "Old and New Melodies" (Finck).
 8.40: Lecturette, Captain H. M. Talbot-Lehmann, M.C., "Exciting Experiences as Aeronautical Adviser to the late Marshal Chang Tso Lin in the Chinese Civil War."
 9.0: Weather report and station notices.
 9.2: Relay from the Town Hall of the Wellington Competition Society's Festival.
 From the studio the 2YA Concert Orchestra will be heard in the following items:—
 Intermezzo, "Secrets" (Ancliffe).
 Suite, "Summer Days" (Coates).
 Valse, "Tesoro Mio" (Becceci).
 "Hungarian Dance No. 6" (Brahms).
 10.10 (approx.): Close down.

3YA

10.0: Devotional service.
 10.15: Selected recordings.
 11.0: Talk by a Representative of the Government Department of Health.
 11.15: Selected recordings.
 12.0: Lunch music.
 12.15 to 1.45: Relay of Community Singing from the Civic Theatre.
 2.0: Selected recordings.
 3.15: Talk, prepared by the Home Science Extension Service of Otago University, "What's New in the Vegetable Garden?"
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Ladybird and Uncle Dick.

Dinner Music.

6.0: San Francisco Symphony Orches-

CHRISTCHURCH

980 k.c.

tra, "Coppelia Ballet" Automaton Dance (Delibes).
 International Novelty Orchestra, "Four Little Farms" Waltz.
 A. and P. Gypsies Orchestra, "Herbertiana" (Stone).
 De Groot (violin) and Herbert Dawson (organ), "I'll Sing Thee Songs of Araby" (Clay).
 6.13: Orchestre Symphonique de Paris "L'Arlesienne" (Incidental Music) Prelude—Overture Act 1 (Bizet).
 Court Symphony Orchestra, "The Gondoliers" Selection (Sullivan).
 Pavilion Lescant Tango Orchestra, "In a Little Cafe" Tango (Neubach).
 6.29: Poltronieri String Quartette,

"Canzonetta from 'Quartette in E'" (Op. 12 No. 1) (Mendelssohn).
 Grand Symphony Orchestra, "The Great Eysler" Potpourri (arr. Hruby).
 Organ, Stanley MacDonald, "Was it a Dream?" (Coslow).
 6.46: Reginald King and His Orchestra, "Garden in the Rain" (Gibbons).
 Berlin State Opera House Orchestra, "From Foreign Parts" (Italy and Germany) (Moszkowski).
 Dajos Bela Orchestra, "Gypsy Love" Waltz (Lehar).
 7.0: News and reports.

Concert Programme.

8.0: Selection, Paul Godwin and His

3YA (Continued).

Orchestra, "In the Magic Woods of Web-er" (Urbach).

8.10: Vocal duet, Florence Austral and Browning Mummery, "Home to Our Mountains" (Verdi).

8.14: Orchestra with Soprano, Charles Prentice and His Orchestra, "Daly's Theatre Waltz Memories."

8.22: Tenor, Alfred Piccaver, (a) "The Minstrel" (Marton); (b) "Beyond the Hills of Time" (Elliott).

8.28: Piano Solo, Alfred Cortot, (a)

"Valse in A Flat Op. 69 No. 1"; (b) "Tarantelle, Op. 43" (Chopin).

8.34: Humour, Clapham and Dwyer, "It Isn't Cricket" (Clapham and Dwyer).

8.40: Lawrence Tibbett, (a) "The Song is You"; (b) "And Love was Born" (Kern).

8.46: Waltz Serenade, Albert Sandler and His Orchestra, "By the Sleepy Lagoon" (Coates).

8.49: Reserved, selected recordings.

9.0: Weather forecast and station notices.

9.2: Talk, Mr. Patrick L. C. Bell-Syer, "With the Rhodesian Mounted Police."

9.17: Band, Westminster Military Band, "The Return of the Troops."

9.23: Contralto, Essie Ackland, "O, Lovely Night" (Ronald).

9.27: Organ, Quentin M. Maclean, "Sylvia" (Speaks).

9.30: Vocal Duet, Mellow and Rich, "A Bunch of the Brightest and Best."

9.36: Violin solos, Heifetz, (a) "Estrelita" (Ponce); (b) "Valse Bluettes" (Dri-go).

9.42: Tenor, Sydney Rayner, "On with the Motley" (Leoncavallo).

9.46: Reserved, selected recordings.

10.0: Close down.

4YA

10.0: Selected recordings.

10.15: Devotional service.

10.45: Lecture, Mr. M. Anderson, "Beauty Culture."

12.0: Lunch music.

2.0: Selected recordings.

3.30 and 4.30: Sports results.

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

DUNEDIN

Dinner Music.

6.0: Vienna Philharmonic Orchestra, "Morning, Noon and Night in Vienna" Overture (Suppe).

Eastbourne Municipal Orchestra, "Tarantelle" (Saint Saens).

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

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6.20: Marek Weber and His Orchestra, "Amorette-tanze" Waltz (Gung'l).

Berlin State Opera House Orchestra, "Schwanda, the Bagpipe Player."

Grand Symphony Orchestra, "Midsummer Night's Dream" Scherzo (Mendelssohn).

6.36: New Symphony Orchestra, "Le Cid Ballet Music"—(1) "Castillane," (2) "Aubade," (3) "Andalouse," (4) "Arragonaise," (5) "Madrilene," (6) "Navarraise" (Massenet).

Jacque Jacobs Ensemble, "Sobre las Olas" (Rosas).

Royal Opera Orchestra, "Shepherd Fennel's Dance" (Balfour Gardener).

7.0: News and reports.

Concert Programme.

8.0: Overture, The Bohemians Orchestra, "The Barber of Seville" (Rossini).

8.12: Soprano, Dorothy Sligo, (a) "The Novice"; (b) "Margaret at the Spinning Wheel" (Schubert).

8.19: Cornet, George Christie and the Orchestra, "Melodia and Tarantella" from "La Forza del destino" (Verdi).

8.27: Recording (tenor and chorus), Beniamino Gigli and the Metropolitan Opera House Chorus, (a) "Here's to the Sparkling Cup" (Mascagni); (b) "Heaven and Ocean" (Ponchielli).

8.35: Piano, Mrs. Clarice Drake, "Concert Etude in D Flat" (Liszt).

8.41: Valse Lente, The Orchestra, "En te Charchant" (Barbieroli).

8.46: Soprano, Dorothy Sligo, (a) "By the Sea"; (b) "Roaming" (Schubert).

8.52: Recording, B.B.C. Wireless Military Band, (a) "Polish Dance No. 1" (Scharwenka); (b) "Dance of the Dwarfs" (Grieg).

9.0: Weather report and station notices.

9.2: Talk, Mr. H. Camp, "Sea Faring Tales—Captain Dick's 'Edward Sewall'."

9.17: Selection, The Orchestra, (a) "Czardas No. 1" (Moretti); (b) "In a Monastery Garden" (Ketilber).

9.27: Recording, Harold Williams and the B.B.C. Male Chorus, "The Lincolnshire Poacher" (Tidd).

9.30: Dance music.

11.0: Close down.

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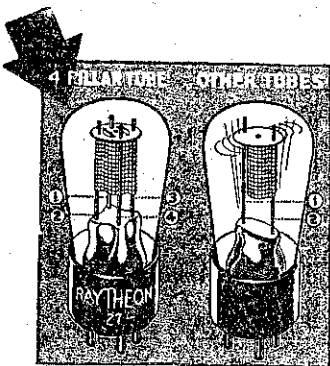


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FRIDAY, SEPTEMBER 1

IYA

10.0: Devotional service, conducted by Capt. Thompson, Salvation Army.
10.15: Selected recordings.
12.0: Lunch music.
2.0: Selected recordings and literary selection.
5.0: Children's hour, conducted by Nod and Aunt Jean.

Dinner Music.

6.0: The Band of H.M. Coldstream Guards, "Dorothy" Selection (Cellier).
De Groot and His Orchestra, "Only for You" (Strong).
Organ, Sigmundo del Oro, "Mexicali Rose" (Stone-Tenney).
6.15: Regimental Band of H.M. Grenadier Guards, "The Old Frog Pond" (Alford).
Dajos Bela Orchestra, "Vienna Bon Bons" Waltz (Strauss).
New Symphony Orchestra, "Scenes de

AUCKLAND

Ballet," Op. 52 (Glazounoff): (1) "Preamble," (4) "Scherzino," (2) "Marionettes," (6) "Danse Orientale."
6.31: "Scenes de Ballet," Op. 52 (Glazounoff): (3) "Mazurka," (5) "Pas de Action."
"Scenes de Ballet," Op. 52 (Glazounoff): (7) "Valse," (8) "Polonaise."
6.47: De Groot and His Orchestra, "Autumn" (Chaminade).
The Salon Orchestra, "Serenade" (Toselli).
Salon Orchestra, "Nola" (Arndt).
7.0: News and reports. (1YX, 600 kilocycles, after-dinner music.)
7.30: Sports talk.

Concert Programme.

(Relay to 1ZH, Hamilton.)

8.0: Specially recorded B.B.C. programme, "Worlds Away."—A family

820 k.c.

chronicle from the year 1812 to the year 1933.

9.5: Weather forecast and notices.
9.7: Talk, Mr. L. W. Dalph, "Some Eastern Cities—Jericho."
9.27: Recording, Paul Godwin and Orchestra, "In the Magic Woods of Weber" (Urbach).
9.35: Recording (Contralto), Enid Cruickshank, "A Request" (Woodforde-Finden); "Sink, Red Sun" (Del Riego).
9.42: Recording (Organ), Quentin MacLean, "Ballad Concert Memories" (arr. MacLean).
9.50: Recording, B.B.C. Wireless Chorus, "Wine, Women and Song" (Strauss).
9.56: Recording, Salvation Army Staff Band, "The Red Shield" (Goffin).
10.0: Close down.

2YA

10.0: Selected recordings.
10.30: Devotional service.
11.30: Lecturette, Representative, Health Department, "Public Health Subjects."
12.0: Lunch music.
2.0: Selected recordings.
3.30 and 4.30: Sports results.
4.55: Close down.
5.0: Children's hour, conducted by Mr. Adventure Man.

Dinner Music.

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

WELLINGTON

chestra, with Karol Zzreter, Pianist, "Hungarian Rhapsody," No. 2 (Liszt).
Dajos Bela Orchestra, "Serenade" (Moszkowski).
International Novelty Quartet, "The Skaters" Waltz (Waldteufel).
The Royal Opera House Orchestra, Stockholm, "In a Country Lane" (Coates).
6.34: Dinicu and His Orchestra, "Hora Stacato" (Dinicu).
Dajos Bela Orchestra, "Schatz Waltz" (Strauss).
Albert W. Ketelbey's Concert Orchestra, "In a Camp of the Ancient Britons" (Ketelbey).
International Novelty Quartet, "Teddy Bears' Picnic" (Bratton).
6.51: Grand Symphony Orchestra, "In the Moonlight" (Ketelbey).

720 k.c.

Dajos Bela Orchestra, "Moonlight on the Alster" (Fetras).
7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music.)
7.40: Lecturette, Mr. Dan McKenzie, "The Making of a Referee."

Concert Programme.

8.0: Selected recordings.
8.40: Lecturette, Dr. Cyril Jenkins, late Musical Director and Advisor to the London County Council, "Imaginary Interview with the Greatest of all Song Writers."
9.0: Weather report and notices.
Relay from the Town Hall of the Wellington Competition Society's Festival, interspersed with selected recordings.
9.30: Dance programme.
11.0: Close down.

3YA

10.0: Devotional service.
10.15: Selected recordings.
11.0: Talk, Miss A. R. Powell, "Feeding the Family."
11.15: Selected recordings.
12.0: Lunch music.
2.0: Selected recordings.
3.30 and 4.30: Sports results.
5.0: Children's Hour, conducted by Friday.

Dinner Music.

6.0: International Novelty Orchestra, "Carmen Sylva" Waltz, (Ivanovici).
Orchestra Symphonique de Paris, "L'Arlesienne Suite Entr'acte—Le Cuisini de Castelet" (Bizet).
Grand Symphony Orchestra, "Dance of the Waves" (Catalani).

CHRISTCHURCH

De Groot (violin), Herbert Dawson (organ), "Drink to Me Only With Thine Eyes" (Calcott).
6.17: International Novelty Orchestra, "Eva" Waltzes (Lehar).
De Groot and His Orchestra, "For Ever and for Ever" (Tosti).
The Band of H.M. Coldstream Guards, "Floradora" Selection (Stuart).
Zonophone Salon Orchestra, "Eleanor" (Deppen).
Vienna Philharmonic Orchestra, "Dorfschwalben" Waltz.
6.43: Organ, Edward O'Henry, "Dream Lover" (Scherzinger).
Vienna Philharmonic Orchestra, "Hungarian Dance No. 3" (Brahms).
Orchestra Symphonique de Paris, "L'Arlesienne Suite Intermezzo" (Bizet).
6.52: Columbia Symphony Orchestra, "Badinage" (Herbert).
International Novelty Orchestra, "Emperor" Waltz (Strauss).
7.0: News and reports.
7.35: W.E.A. Session, Mr. R. Winterbourn, M.A., Dip. Ed., "Psychology of Emotional Life" (Dissociation and double personality).

Concert Programme.

8.0: Overture, 3YA Orchestra (Conductor, Harold Beck), "Light Cavalry" (Suppe).
8.9: Contralto, Belle Renaut, (a) "Boat Song" (Ware); (b) "Three Green Bonnets" (D'Hardelot).

980 k.c.

8.14: Recording (violin), Mischa Elman, "Traumerel" (Schumann).
8.17: Baritone, J. H. Cocks, (a) "Corisande" (Sanderson); (b) "From the Land of the Sky Blue" (Cadman).
8.21: 3YA Orchestra, (a) "Piccolo, Piccolo" from "Waltz Dream" (Strauss); (b) Trumpet and Trombone Duet, Herbert Fox and C. Barsby, "Antony and Cleopatra" (Riviere).
8.30: Special recordings.
9.0: Weather forecast and station notices.
9.2: Talk, C. Gordon Kirk, B.A. B.Sc., of Nelson College, "Hints for Public Speakers."
9.17: Selection, 3YA Orchestra, "The Gipsy Princess" (Kalman).
9.27: Contralto, Belle Renaut, (a) "To Music" (Schubert); (b) "All Through the Night" (Welsh Air).
9.33: Recording (humour), Clapham and Dwyer, "The Royal and Ancient Game" (Clapham and Dwyer).
9.39: Recording, Mischa Levitzki, (a) "La Jongleuse, Op. 52 No. 4" (Moszkowski); (b) "Waltz in A Major Op. 2" (Levitzki).
9.45: Baritone, J. H. Cocks, (a) "The Song of London Bridge" (Thomas); (b) "To-morrow" (Keel).
9.51: Novelty, 3YA Orchestra, "In a Chinese Temple Garden" (Ketelbey).
10.0: Close down.

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The author is a medical man writing under a pseudonym.

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4YA

10.0: Selected recordings.
 10.15: Devotional service.
 10.45: Lecturette, Miss I. Finlay, "Cooking and Recipes."
 12.0: Lunch music.
 12.30: Relay of Community Singing from Empire Theatre.
 2.0: Selected recordings.
 3.15: Lecturette, Miss A. Hazel Johnson, "Some Fitting Hints for the Home Dressmaker."
 3.30 and 4.30: Sports results.
 5.0: Children's Hour, conducted by Aunt Sheila.

Dinner Music.

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

DUNEDIN

Philadelphia Symphony Orchestra, "Samson and Delilah" Bacchanale (Saint Saens).

Marimba Band, "Morales Lopez" (Bolanos).

6.30: London Palladium Orchestra, "Maid of the Mountains" Waltz (Fraser-Simson).

J. H. Squire Celeste Octet, "Memories of Chopin" (arr. Willoughby).

New Symphony Orchestra, "Nell Gwynn Dance No. 3" (German).

6.44: Philadelphia Symphony Orchestra, "Damnation of Faust" Marche Hongroise (Berlioz).

Berlin State Opera Orchestra, "Der Rosenkavalier" Waltz (Strauss).

Zonophone Salon Orchestra, "Even-song" (Easthope Martin).

7.0: News and reports.

7.30: W.E.A. Session, Mr. W. R. E. Stephenson, M.A., "Mussolini and Modern Italy."

650 k.c.

Concert Programme.

8.0: Relay from H.M. Theatre, of Demonstration Concert held under the auspices of the Dunedin Competitions Society.

10.0: Close down.

ACCORDING to latest reports Hungarian licences are decreasing, due it is said to the severity of the financial stringency.

NO license fee is demanded of Portuguese listeners, but it is anticipated a tax will be instituted when the new 25 kilowatt station at Lisbon begins operating in September. Provision has been made in the transmitter to increase the power to 100 kilowatts at short notice and it is expected that it will not be very long before Portugal adds to the confusion of heterodyne broadcasts in Europe.

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SATURDAY, SEPTEMBER 2

IYA

2.45: Relay of running commentary on Rugby Football Match from Eden Park.
5.0: Children's hour, conducted by Cinderella.

Dinner Music.

6.0: Berlin State Opera House Orchestra, "The Mastersingers" Overture (Wagner).

Zonophone Salon Orchestra, "Ecstasy" Waltz (Baynes).

The London Novelty Orchestra, "My Chin Chin Lu" (Christine).

Zonophone Salon Orchestra, "Love, Here is My Heart" (Silesu).

6.18: Royal Opera Orchestra, "Faust" Ballet Music (Gounod).

International Concert Orchestra, "Parade of the Wooden Soldiers."

Bournemouth Municipal Orchestra, "Zip Zip" (Brooke).

International Concert Orchestra, "Sweetheart" Waltz (Strauss).

6.35: Salon Orchestra, "Two Guitars"—Russian Gipsy Song.

Victor Concert Orchestra, "Minuet in G" (Paderewski).

International Concert Orchestra, "Lazy Pete" Intermezzo (Kersten).

Bournemouth Municipal Orchestra, "Whispering Pines" (Byrne).

6.48: Victor Concert Orchestra, "Amaryllis" (Ghyse).

AUCKLAND

820 k.c.

Gil Dech Ensemble, "Aloha Oe" (arr. Coburn).

The London Novelty Orchestra, "A Coon Band Contest" (Cakewalk) (Pryor).

7.0: News and reports. (1YX, 600 kilocycles, after-dinner music.)

7.30: Horticultural talk, Mr. J. H. Braithwaite, "Daffodils."

Concert Programme.

8.0: March, Studio Orchestra (under Mr. Harold Baxter), "Indienne" (Seilenick).

Intermezzo, "Burma Maid" (Andliffel).

8.8: Recording, Geraldo and His Accordion Band and Male Chorus, "Sea Shanties."

8.16: Recording (Piano Novelette), Fairchild and Rainger, "Twinkletoes" (Potter).

8.19: Contralto with Orchestra, Miss Irene Hornblow, "Husheen" (Needham); "I Heard You Singing" (Coates).

8.26: Recording (Organ), Gerd Thomas, "Live, Laugh and Love" (Heymann); "Just Once for All Time" (Heymann).

8.29: Recording, Columbia's Famous Artists, "Columbia on Parade."

8.37: Selection, The Orchestra, "Old and New" (Finck).

8.47: Recording (Baritone), Raymond Newell, "I Travel the Road" (Thayer); "The Song of the Tinker" (Elliot).

8.53: Recording, Original Marimba Band, "Dance of the Tea Dolls" (Hagen).

8.56: Intermezzo, The Orchestra, "Dream Girl" (Finck).

9.0: Weather forecast and notices.

9.2: A Sea Story, Old Wire Whiskers, "Stranded in Slime, or The Haunted Ocean." (A tale of the Saragossa Sea.)

9.20: Suite, The Orchestra, "L'Arlesienne" (Bizet).

9.28: Recording (Vocal Duet), Stuart Ross and Joe Sargent, "Yet" (Pepper); "When I Take My Sugar to Tea" (Norman).

9.34: Recording (Cornet), Jas. Compton, "At Sunset" (Code).

9.37: Contralto, Miss Irene Hornblow, "Irish Folk Song" (Foote); "Slave Song" (Del Riego).

9.44: Recording (Banjo), Eddie Peabody, "Indian Love Call" (Friml).

9.47: Recording (Vocal Gems), Light Opera Company, "Music in the Air" (Kern).

9.55: The Orchestra, Prelude to Act III "Lohengrin" (Wagner).

10.0: Sports resume.

10.10: Dance music.

11.10: Close down.

2YA

10.0: Selected recordings.

10.30: Devotional service.

12.0: Lunch music.

2.0: Selected recordings.

3.0: Relay of Rugby Football Match from Athletic Park.

5.0: Children's hour, conducted by Aunt Molly and Uncle Jasper.

Dinner Music.

6.0: B.B.C. Wireless Symphony Orchestra, "La Boutique Fantastique" Selection (Respighi, arr. Carr).

Columbia Symphony Orchestra, "Spring Song" (Mendelssohn).

International Concert Orchestra, "La Spagnola" Waltz (Di Chiara).

6.15: Edith Lorand Orchestra, "Tales of Hoffman" Fantasia (Offenbach).

Berlin State Opera House Orchestra, "Slavonic Dances," Nos. 8 and 16 (Dvorak).

WELLINGTON

720 k.c.

B.B.C. Wireless Military Band, "La Reve Passe" (Helmer).

Marek Weber and His Orchestra, "Rustle of Spring" (Sinding).

6.36: Symphony Orchestra, "Artists' Life" Waltz (Strauss).

Cedric Sharpe Sextet, "Intermezzo" (Coleridge-Taylor).

Novelty Orchestra, "Passion Rose" (Lehar).

Piccadilly Orchestra, "My Beloved Gondolier" (Tibor).

6.50: New Light Symphony Orchestra, "At Dawning" (Cadman).

Dajos Bela Orchestra, "The Court Ball" Waltz (Lanner).

7.0: News and reports. (2YC, 1010 kilocycles, after-dinner music.)

7.30: W.E.A. Session, Professor W. H. Gould, "Some Aspects of Child Life—The Growth of Intelligence."

Concert Programme.

8.0: Recording (Pot-pourri), The Pavilion Orchestra, "From A to Z" (Geiger).

8.6: Recording (Tenor), Walter Glynn, (a) "My Pretty Jane" (Bishop); (b) "Sally in Our Alley" (Carey).

8.12: Recording (Piano), Raie da Costa, "Music in the Air" Medley (Kern).

8.18: Mr. Will Bishop will indulge in Fifteen Minutes Foolishness at the Piano.

8.33: Recording (Choral), The Minstrel Singers, "Minstrel Memories."

8.40: Lecturette, Mr. C. E. Malfroy, "Why I Consider Tennis the Best Sport and Why I Play It."

9.0: Weather report and notices.

9.2: Relay from the Town Hall of the Wellington Competition Society's Demonstration Concert.

10.0 (approx.): Sporting summary.

10.10 (approx.): Dance programme.

11.10 (approx.): Close down.

3YA

12.0: Selected recordings.

12.10: Relay from New Brighton of the New Brighton Trotting Club's meeting.

12.30: Selected recordings.

2.45: Relay of Rugby Football match from Lancaster Park.

5.0: Children's Hour, conducted by Riddleman.

Dinner Music.

6.0: London Palladium Orchestra, "Classica Selection" (arr. Ewing).

CHRISTCHURCH

980 k.c.

Jacques Jacob's Ensemble, "Wiener Blut" Waltz (Strauss).

Paul Whiteman and His Concert Orchestra, "Caprice Futuristic" (Malneck)

6.17: Albert Sandler and His Orchestra, "For You Alone" (Geehl).

London Symphony Orchestra, "Khow-antchina—Persian Dances" (Moussorgsky).

Instrumental Trio, Fritz Kreisler, Hugo Kreisler and M. Raucheisen, "Syncopation" (Kreisler).

6.27: Dajos Bela Orchestra, "The Grenadiers" Waltz (Waldteufel).

Berlin State Opera House Orchestra, "Academic Festival" Overture (Brahms).

J. H. Squire Celeste Octet, "On Wings of Song" (Mendelssohn).

Gil Dech Ensemble, "Italian Nights" (Roberts).

6.45: Organ, Stanley Macdonald, "La Rosita" (Dupont).

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

National Symphony Orchestra, "The Irish Washerwoman."

Royal Opera Orchestra, "Naila" Waltz (Delibes).

Opera Comique Orchestra, "Gopak" (Moussorgsky).

7.0: News and reports.

Concert Programme.

8.0: Programme by the Optimists' Club, Christchurch:—Y.M.C.A. Orchestra (Conductor, Mr. V. C. Peters), (a) "Country Dance" (Grainger); (b) "Droop Not Young Lover" (Handel).

8.9: Optimists' Choir, (a) "Here We Are Again" (Wallace); (b) "Optimists' Aims" Tune, "Camptown Races" (Foster); (c) "Old Man Care" (A Parody).

8.14: Baritone, L. A. North, (a) "Linden Lea" (Vaughan Williams); (b) "Comrades of Mine" (W. G. James).

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3YA (Continued).

8.20: English Concertina, Optimist J. W. Heald, "Men of Harlech" (Thomas).
 8.24: Optimist "Eight", R. Harrison, J. L. Tennent, W. J. Spratt, G. Woodham, J. Shaw, N. Stoupe, C. R. Russ, W. J. Francis, M. Richards and F. Shearer, (a) "In Absence" (Buck); (b) "Comrades in Arms" (Adam).

8.32: Humour, Optimist John, "Good Old Yorkshire Pudding" (D. Powell).

8.36: Vocal Duet, Optimists J. L. Tennent and J. Shaw, "Be Mine the Delight" (from "Faust") (Gounod).

8.41: The Orchestra, "Summer Days" (Coates).

8.49: Baritone, Optimist Rex Harrison, "Across the Far, Blue Hills, Marie" (Blumenthal).

8.53: Humour, Optimist Horace, "I'm Jones of the Lancers, What-What!" (Sterndale Bennett).

9.0: Weather report and station notices.

9.2: Talk, Mr. C. Stuart Perry, L.L.B. "Some Famous Open Boat Voyages."

9.17: Orchestra, (a) "War March of the Priests" (Mendelssohn); (b) "Pomp and Circumstance" (Elgar).

9.23: Optimists' Chorus, (a) "De ole Banjo" (Scott Gatty); (b) "Keep on Hoping" (Maxwell); (c) "Song of Peace" (Tune—"Massa in de Cold Ground") (Foster).

9.27: Concertina solo, Optimist E. W. Heald, "Medley of old-time Choruses" (arr. Heald).

9.31: Optimist "Eight," (a) "Land of Long Ago" (Bay); (b) "Every Rustling Tree" (Kuhlman).

9.37: Humorous Monologue, Optimist

John, "The Street Watchman's Story" (Winter).

9.40: Baritone, Optimist W. J. Spratt, "Glorious Devon" (German).

9.43: Orchestra, (a) "Chant" (Religieux); (b) "Chant" (Comique); (c) "Chant" (Ronde) (Liador).

9.47: Optimist "Eight", (a) "Because" (D'Hardelot); (b) "Evening" (Abt).

9.52: Baritone, Optimist Rex Harrison, "The Windmill" (Nelson).

9.56: Concertina Solo, Optimist E. W. Heald, "Medley of Scotch Airs" (arr. Heald).

10.0: Optimist Chorus, (a) "The End of the Road" (Lauder); (b) "Goodnight" ("Shine Moon, Shine") (Scott Gatty); (c) "Smile the While"—Tune: "Till We Meet Again" (Whiting).

10.3: Sports summary.

10.10: Dance music.

11.10: Close down.

4YA

11.30: Selected recordings. During the afternoon running descriptions of the Otago Hunt Club's meeting will be relayed from Wingatui.

3.0: Relay from Carisbrook Ground, Rugby football, South Canterbury v. Otago.

5.0: Children's Hour, conducted by Aunt Anita.

Dinner Music.

6.0: Albert W. Ketelbey's Concert Orchestra, "Chal Romano" Gypsy Overture (Ketelbey).

De Groot's Piccadilly Orchestra, "Friend o' Mine" (Sanderson).

DUNEDIN

Johann Strauss and Symphony Orchestra, "Morgen Blatter" Waltz (Strauss).

6.14: J. H. Squire Celeste Octet, "An Irish Love Song" (Squire).

Anglo Persians Orchestra, "My Little Persian Rose" (Friedland).

J. H. Squire Celeste Octet, "Second Movement from 'Symphony Pathétique'" (Tchaikowsky).

6.24: H.M. Coldstream Guards Band, "Les Cloches de Corneville" Selection (Planquette).

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

650 k.c.

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

6.43: Berlin State Opera House Orchestra, "Dance of the Hours" (La Gioconda) (Ponchielli).

Paul Whiteman and His Concert Orchestra, "Mississippi Suite—A Tone Journey" (Grove).

7.0: News and reports.

Concert Programme.

8.0: Relay of Concert Programme from 3YA, Christchurch.

10.0: Sports summary.

10.10: Dance Music.

11.10: Close down.

Jottings from Near and Far

RADIO Algiers which at present works with 13 kilowatts power is to have a substantial increase in wattage.

ON the summer tourist trains in Belgium loud speakers are used for running commentaries on the landscape.

A NEW station is being specially erected in Colombo to rebroadcast the B.B.C. transmissions.

IT is understood that the Lucerne Wireless Conference will allocate exclusive wave-lengths to national high-powered transmitters only and that smaller national stations in groups of two or more will be required to share frequencies. It is believed the grouping will be in two classes, stations of not more than two kilowatts and stations using up to 200 watts.

SOME two years ago an increase of about twopence was authorised to be added to licence fees in Poland. The extra income was designed to benefit the unemployed. This surcharge has now been withdrawn and Polish licences return to their former cost of about one shilling and sixpence per month.

POLITICAL broadcasts are to remain on the forbidden list in Switzerland but following representations to have the restriction removed the Government has somewhat modified its earlier regulations. Directions have been issued that controversial subjects may be embodied in programmes provided both sides of a question are presented.

FOUR St. Bernard monks are founding a hospice nearly 15,000 feet above sea level, in the Himalayas. They will rescue lost travellers on the borders of India, Tibet, and China. Marchese Marconi has offered to install short-wave apparatus at the hospice.

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UNDER the able tuition of Miss Margaret O'Connor and Mr. W. E. Priestley in the privacy of your own home. Miss O'Connor and Mr. Priestley have evolved the latest and most up-to-date Correspondence Course of Ballroom Dancing in the Southern Hemisphere. Write immediately for Prospectus to

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For those who care to write to "Jig-saw Competitions," c/o Box 1032, Wellington, reproductions on high-grade paper of the advertisement on the opposite page are available free of cost. This will definitely assure a better appearance of the finished Jig-saw.

Entries will not be returned to senders unless accompanied by 3d. in stamps for packing and posting. Post entries to:

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THE JUDGE'S DECISION IS FINAL. Entries, which must consist of four completed Jig-saws, will not be accepted before March, 1934.

DAME SYBIL THORNDIKE

Says—

"—they all deserve playing; particularly I should like to mention 'Fear' and 'The Touchstone.' These are highly dramatic, novel situations, and full of a life that must be expressed. They are coloured and living creations. I like the others; they strike me as true works—works that spring from life and not from smatterings of stage technique which, alas, one meets only too often."

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Watch this page each week

Each week for the next twelve months will be featured on this page a jig-sawed advertisement of a popular and nationally-advertised commodity. By following a few simple instructions, you will be able to make for yourself a diversity of interesting jig-saw puzzles, which will provide fascinating entertainment for all.

Each advertisement is one of a series of eight which will appear in this publication at intervals for the next twelve months in rotation with others. See that you get yours each week until your set of jig-saws is complete.

To mount these jig-saw puzzles for future use and entertainment, follow carefully the following instructions:—

- (1) Tear out the complete jig-saw page.
- (2) Procure a sheet of medium thickness cardboard at least the same size as the page; the back of an old writing tablet will do.
- (3) Cover back of jig-saw puzzle page with a liberal application of quality paste. Do the same also with one surface of the cardboard sheet. Fretworkers are advised to mount on 3-ply wood.
- (4) Mount the puzzle page on the cardboard, taking care that all wrinkles are smoothed out by a roller or by smoothing firmly with a soft cloth pad. To do this, work from the centre towards the edges.
- (5) Leave to dry, and place the mounted puzzle under some heavy weights, such as books, for at least 24 hours.
- (6) When dry, trim puzzle off square with a sharp knife or razor blade (at this stage the application of a thin coat of clear spirit varnish to both back and front of the puzzle will greatly enhance the appearance and preserve it). Then with either of these or a pair of sharp scissors, cut out the jig-saw.

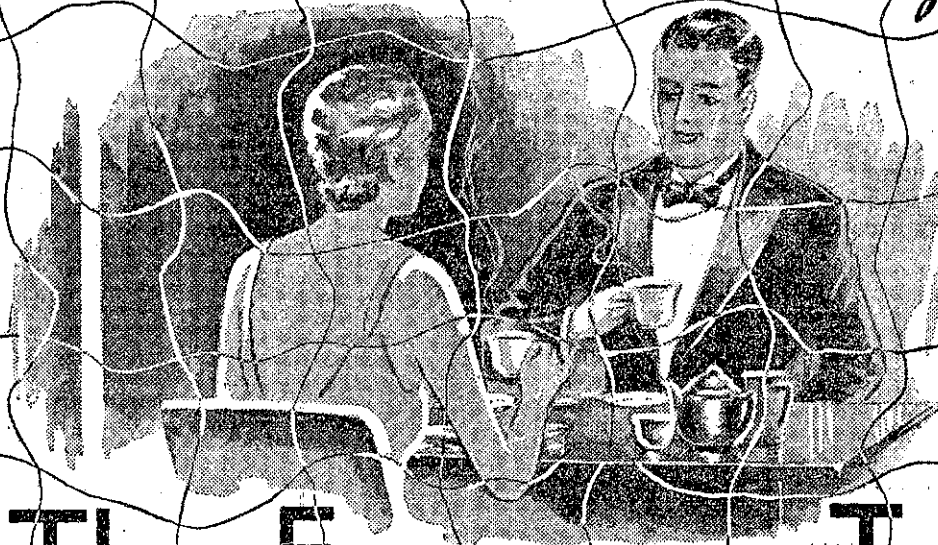
When mounted, the jig-saws should be preserved in boxes, (each box containing only one puzzle) marked with the name and series of the puzzle.

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Handwriting Queries from All Parts of New Zealand

DE LAVAL'S fame is rapidly spreading and specimens of handwriting are pouring in from all parts of New Zealand. As only one page is available in the "Radio Record" for graphological answers, several hundreds are being answered through the post. We print below De Laval's answers to several of the first ones received. This page will appear again in a fortnight. Clip out the coupon and forward it right away.

No. 13—Tirau.

THIS writing bears the note "left hand." It is not clear whether this means that the writer is naturally left handed, or whether this specimen is written with the left hand just to see what can be read from it. However, characteristics, like murder, will out! This is the hand of a truly musical and artistic person with original ideas. Intelligence is above the ordinary, with a quick sense of humour and an interest in the occult and mysterious. There is impatience here, a little weakness in purpose or will power, but on the other hand the upright handwriting reveals a certain independence and ability to look after personal affairs and interests. Intuition is marked here and a sense of colour.

No. 14—S.B.

THIS is the handwriting of a friendly sympathetic soul fond of animals and children, shown by the slant of the letters. There is energy here, but the life has been a little repressed, making the writer sensitive and somewhat reserved. A good buyer, with some shrewdness. Quick, intuitive judgment is shown by the separated letters in many of the words. The numerals are well made, and from this would deduce that the writer had good business ability and regard for method. Has descriptive power and when interested in a subject can talk quite fluently.

HANDWRITING

I herewith submit a specimen of my handwriting together with a postal note for 2/6.

De Laval,
G.P.O. Box 1032,
Wellington.

NAME

ADDRESS

.....

.....

No. 15—Sceptical.

THE small, neat handwriting of a precise thinker. Energy here and love of the outdoors. Would throw himself enthusiastically into anything he took up, after first having been satisfied of its value. Foresight and calculation is shown in combination with enthusiasm. This is the writing of a person who would first investigate carefully and then become a valuable champion. The judgment is excellent and every care of detail would be given in his work. It is a good business hand, and the terminal of the surname, having a downward stroke and then an outward one, indicates that the first instinct is that of defence and afterward, quite capable of taking a positive attitude. Quite a good conversationalist, connects his ideals well, has logical reasoning mind, yet able quite quickly to arrive at a decision.

No. 16—J.B.

I have J.B.'s second letter, and note from it that J.B. possesses rather an inferiority complex. I am sure the writer need not fear any compromising disclosures. There is some introspection and anxiety regarding actions. An affectionate person, too, with quite a romantic outlook. Caution is marked in the dots appearing fairly closely above the "i's." A sensitive person, quick to sense any criticism on the part of others. These remarks can be added to the first reading.

No. 17—Winterless.

This is the handwriting of a person, refined, and with spiritual tendencies. The taste is artistic, as the capitals are all simply formed and in good proportion. The nearer the approach to the printed type, the more artistic is the taste of the writer. There is also a sense of humour. A pleasant, bright manner is depicted, though a little impatience is indicated. Perhaps it is only momentarily. This is shown by the "t's" being crossed lightly and in advance of, instead of right across, the upright stroke of the letter. This person has foresight and is very conscientious. A good manager whose household affairs would run smoothly: not extravagant, but would not be given by any means to "skimping." Would be worthy of being made a confidant in any serious matter for the "a's" and "o's" are all fairly well closed at the top.

No. 18—John.

The writing of a rather serious person, inclined to the scientific side. Even the religious outlook would be influenced by this tendency and any

form of metaphysics or psychology would appeal. A conscientious person, careful of detail. Would be neat and particular about personal appearance. An economical person, not believing in waste. Would look before leaping. Logical reasoning mind, reliable and trustworthy, sense of honour good. Refined tastes, anything sordid or crude would offend. Slightly nervy, energetic, but with some reserve and caution.

No. 19—Miss H.

This is the handwriting of one who is not very young nor very strong. She has not had many of the luxuries of life, but always there is the courage to smile and keep on. The will power is not marked, and the writer would have to depend somewhat upon others for a lead. Sympathy, though, is here, and a certain romantic, wistful outlook.

No. 20—Lanarkshire.

From the painstaking character of this handwriting would deduce that the writer was not a very quick thinker, nor very highly educated, yet there is some method indicated, and the fairly skilful figures give the impression that the writer had some little experience in handling figures in some clerical fashion. There is some stubbornness indicated in the knotted "t's" and the deliberate type of writing. The artistic formation of capitals shows an aptitude for decoration and design.

No. 21—Ratio.

Ratio has a tendency to be rather introspective and interested in the occult and mysterious. The will power is good and an independent character is indicated by the upright writing. The judgment is good and intelligence high. A very neat, carefully-copied document, showing quite an aptitude for clerical work. Energy is displayed by the large loops to the "y's" and "G's." A good talker, quite bright and chatty. Affectionate but would not be imposed on. Cautious in some ways and careful of detail. Ratio is proud and rather sensitive.

No. 22—Laddie.

A quickly written script, showing facility in expression and experience in the use of the pen. It is an excellent handwriting for a bookkeeper or confidential clerk. Good judgment and practical business ability. A generous hand, one interested in his fellows. Sense of humour is keen and fondness for amusing stories is evident. Observation is marked. Energy and enthusiasm are here coupled with a little impatience. This impatience may be temporary, as caution is denoted by the closely dotted "t's."

Australian Programmes

(Continued from Page 7.)

University of Melbourne Extension Board.

9.50: Country Music Week.—Concert by Combined Choirs of Geelong, assisted by Lillian Stott, soprano; Ailsa Mackenzie, contralto; Steuart Wilson, tenor; Alan Eddy, basso; Basil Jones, violin.

11.45: News.

TUESDAY, AUGUST 29.

7.45: For the Man on the Land: Grafting and Re-working of Fruit Trees. Mr. J. M. Ward, Superintendent of Horticulture (under the auspices of the Department of Agriculture).

8.0: Countryman's Session.

8.32: All Sporting Results: Eric Welch's selections for the Melbourne Hunt Club Races, to-morrow, at Moonee Valley.

8.55: "Encyclopaedias," by Lin MacDonald.

9.5: News.

9.15: "Songs and Their Singing": Discussed and illustrated by Harold Brown.

9.31: "Photography": "Recording the Invisible." Professor E. J. Hartung (under the auspices of the Educational Committee of the University of Melbourne Extension Board).

9.50: Country Music Week Concert, arranged by Bendigo Music Week Committee.

11.45: News.

WEDNESDAY, AUGUST 30.

7.45: A Musician's Birthday Album, by George Findlay, Mus. Bac.

8.0: Countryman's Session.

8.32: All Sporting Results.

8.55: "Books—Wise and Otherwise," by Captain C. R. Peters.

9.5: News.

9.15: French, by Madame Soward.

9.31: History Repeats Itself: 8.—The Invasion of Palestine. Captain Donald Maclean.

9.50: Recital by Maggie Teyte, soprano, and Tudor Davies, tenor, assisted by Yelland Richards, piano. "Qui Radames Verra" from "Aida" (Verdi).—Maggie Teyte. "Marching Along" (Harrison); "Love is a Sickness" (Gibbs); "Who" (Tosti); "My Lovely Celia" (arr. Lane Wilson).—Tudor Davies. "Bagatelle" (Lladov), "Concert Study in F Minor" (Liszt), "Preludes in G Flat and B Flat" (Rachmaninoff).—Yelland Richards. "Du Bist Die Ruh" (Schubert), "The Rose and the Nightingale" (Rimsky Korsakoff), "Love's Festival" (Weingartner).—Maggie Teyte.

10.15: Programme of International Celebrities, with special annotations by Rudolf Himmer.

11.45: News.

THURSDAY, AUGUST 31.

"Foundations of Organ Music," by C. E. Monteath, F.R.C.O.

8.0: Countryman's Session.

8.32: All Sporting Results.

9.5: News.

9.15: Wireless Practice up to Date, by H. K. Love.

9.31: The Scientist's Contribution to Industrial Machinery: 6—Machinery and Unemployment. Mr. Eric J. Ingram.

9.50: Dance Programme by A.B.C. (Melbourne) Dance Orchestra, assisted by Alan Barry, baritone; Royale Polglase, songs at the piano; Compton Counts, comedian; with an interlude at 11.0.

"Contract Bridge": Slam Bidding; Norman McCance.

11.45: News.

FRIDAY, SEPTEMBER 1.

7.45: The Work of the Forests Commission of Victoria. Discussed by Mr. A. A. Hone (Working Plans Officer).

8.0: Countryman's Session.

8.32: All Sporting Results: Eric Welch will speak on to-morrow's races at Caulfield.

9.5: News.

9.15: Hints to the Home Gardener: "Fuschias." Mr. A. Antonio.

9.31: "Reading for Profit and Pleasure" G.—Excursions into the Past. Mr. W. F. Wannon (under the auspices of the Educational Committee of the University of Melbourne Extension Board).

9.50: Transmission from Bendigo—Country Music Week: Children's Festival, from Bendigo Town Hall.

10.45: Recital by Maggie Teyte, soprano, and Tudor Davies, tenor, assisted by Yelland Richards, piano. "Elizabeth's Prayer" (Wagner), "Ye Halls Beloved" from "Tannhauser" (Wagner).—Maggie Teyte. "The Dream" (Rubenstein), "Boot, Saddle to Horse" (Harrison). "Memory" (Gaving).—Maggie "O Vision Entrancing" (Goring Thomas).—Tudor Davies. "Study in C Minor" (Chopin), "Two Waltzes in D Flat" (Chopin), "Scherzo in B Minor" (Chopin).—Yelland Richards. "L'Invitation au Voyage (Dupare), "Yasmin" (Dobson), "To the Children" (Rachmaninoff), Teyte.

SATURDAY, SEPTEMBER 2.

7.45: Musical reproductions.

8.0: Countryman's session.

8.32: All Sporting Results.

9.15: German Topics: "Neumayer—the Founder of the Melbourne Observatory." Professor A. Lodewyckx.

9.30: Saturday Night Dance and Variety Programme by A.B.C. (Melbourne) Wireless Dance Orchestra. Assisted by Howard Andrews, baritone; Harcourt Bailey, entertainer; Violet Jackson, soprano.

11.15: News.

ACCORDING to one of England's leading radio journals a "Union Internationale des Auditeurs" is under discussion, the object being an organisation which will unite the amateurs and listeners of different countries to defend their common interests and represent them at international radio conferences. The new organisation will probably centre in the French International Federation of Radio Clubs.

TEACHING dancing over the air may not sound easy, but many Wellington people have gained their first knowledge of some intricate step from the radio talks by Mr. W. E. Priestley, the well-known Wellington dancing teacher. Mr. Priestley, who is at present in charge of the Margaret O'Connor School of Dancing, has also written on several occasions for the "Radio Record."

Start your set of the Jig-sawed series now. See page 48.

A MOST SERVICEABLE TIMBER.

In an article on the properties and uses of Insignus Pine, Mr. C. B. Dickson, M.Sc., New Zealand State Forest Service, states: "Insignus Pine is an extremely valuable soft wood with a wide diversity of uses. It will probably find a wide use for farm purpose, mine timbers and outdoor construction in general."

"Insignus Pine may be reduced by the Mechanical, Sulphite and Sulphate Processes to yield pulps of fairly high grade suitable for the production of newsprint, printings, wrappings and boards."

It is for this purpose that the large tracts of forests have been established by N.Z. Perpetual Forests Ltd.—Adv't.

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HALF-HOURS WITH THE W.E.A.

WELLINGTON.

Men Becoming Minders of Machines

In Their Leisure Hours Seek Relaxation in Easiest Ways—"Confusion Outstanding Trait."

ONE of the greatest problems confronting society to-day is the manner in which increased leisure hours are employed. With the mechanisation of industry and agriculture, men and women are increasingly becoming minders of machines. Their whole mental powers are centred, for eight hours of each working day, upon the speed of the machine and its mechanism. This kind of employment does not induce to mental effort or encourage the creative impulse, but it rather acts as a kind of anaesthetic to the mental processes. Consequently when the worker is free to choose how his time should be occupied, he is, in most cases, unable to call into play his innate mental powers or creative instincts. He therefore seeks for relaxation in the most easy and exciting ways.

THIS use of leisure hours simply incites the passions while the intellectual powers are starved for want of nourishment. The progress or improvement of social life is thereby impeded because the need for improvement is not realised in the minds of the majority of the people. The primary need of any community to-day is a stimulant which would encourage an appreciation of the pleasures and joys that arise from mental activity or intellectual effort.

IN the past these creative powers were called into being largely to overcome the material needs of the human being. That is, man could not live without applying strength and thought to his natural environment. "Individually and collectively," stated Dorothy Camfield Fisher, "men have always degenerated and gone to pieces when the old needs for material effort were taken away and no other spurs to activity were substituted for them." Turning a faucet instead of walking half a mile to a river to dip up a pailful of water, and carry it back step by step to our homes—this is the sort of change that has always pushed untrained, uneducated human beings, living mostly on the physical plane into invalidism, moral and physical.

TIME after time, some portion of the human race, having worked itself into a situation in which the material obstacles to be overcome were lessened or removed, has failed to perceive the thronging obstacles that beset the inner life, and has gone to pieces, or reverted to old primitive conditions in which men could survive without training. We have come to a situation in which only trained and educated human beings will be able to live healthful lives.

JOHN DEWEY, the great American thinker, stated quite recently, "The intellectual function of trouble is to lead men to think. The depression is a small price to pay if it induces us to think about the cause of the disorder, confusion and insecurity

which are the outstanding traits of our social life." By these words John Dewey has indicated a stimulus which should incite men and women to use their intellectual powers. The facilities for the exercise of these powers are provided by the Adult Education Movement in every country. The W.E.A. in this country has placed a wide curriculum before the public, and the particular mental interests of any person are catered for.

TO encourage the study of Psychology or the processes that build up the mental life of the individual the lec-

Psychological Aspects Being Dealt With in W.E.A. Talks

The Psychology of Emotional Life.—Mr. R. Winterbourn, M.A., Dip. Ed. Psychological and Educational Laboratory, Canterbury College.

Aug. 25.—Emotional Mal-adjustments in Modern Life.—Conflict, rationalisation, neuroses, and complexes and the result of repression.

Sept. 1.—Some large-scale Emotional Mal-adjustments.—Dissociation and double personality.

Psychological Factors in Everyday Life.—Mr. A. L. R. Noonan, M.A., Dip., Soc. Sc.

Aug. 28.—Suggestion.—Nature of suggestion; method of introducing ideas into consciousness; hypnosis; suggestion in city life; advertisement, etc.; auto-suggestion; curing of disease; mental outlook.

Sept. 4.—Imitation.—Nature of imitation; exemplified in animal life; importance in daily life; personal and community imitation; fashions; strength and weakness of imitation; need for originality.

Sept. 11.—Play.—Nature of play; why adults as well as children play; types of games in different countries and different ages; purposes that play serves in modern community; organisation for sport; why it must not be overdone.

tures broadcast this month from the Canterbury centre deal with this subject.

THE following is a brief summary of the lectures to be given on Friday, August 25, and Friday, September 1:—

EMOTIONAL MAL-ADJUSTMENTS
Friday, August 25.

Conflict: Mind made up of a number of sentiments and complexes more or

less individualised—may not harmonise with one another, e.g., Conflict with reality—demands of real life too painful for neurotic person to meet; objection to authority; conflict between instincts and emotions or sentiments.

Moral Conflicts: Between a pair of instinctive impulses, opposed and equally matched. How is the conflict resolved? (1) If no reserve force behind either impulse, the stronger wins; (2) If one is strengthened by powerful sentiment, it wins; (3) No solution—pushed below surface and is a danger to mental life. To fly from temptation is as bad as to yield to it. Face the issue. Modern age lends itself to conflict—innumerable odds and ends of moral and religious systems.

Fundamental Conflicts in Growing-up: (1) Developing from self-centred creature to social being; (2) Present pleasure v. future happiness; (3) Being honest with oneself.

SOME LARGE-SCALE EMOTIONAL MAL-ADJUSTMENTS.

Friday, September 1.

Dissociation: A process which experience undergoes when suppressed. The suppressed experience acquires independent activity of its own—consciousness cut off from ordinary waking consciousness.

Forms in Normal Persons: Dreams. Suppressed abhorrent ideas come to surface in dreams (often modified even here)—Safety valve for undesirable things we have suppressed to the unconscious mind.

Abnormal Types: (a) Somnambulisms: One type: Repressed ideas take hold of the person and make him ACT during his sleep, e.g., sleep walking scene in "Macbeth." Lady Macbeth can't completely suppress the memory of her crime and she is forced in sleep to give reign to it. Other type occurs during waking life—stop ordinary duties, go through certain performance, then take up ordinary duties where left off. (b) Fugue: Disconnection from environment not so complete as in (a). Person compelled by submerged idea, but reacts to environment in which he finds himself. Hence appears quite natural to observer, e.g., case of clergyman who for two months became a storekeeper with a different name and quite in ignorance of his previous life and occupation. Then suddenly became the cleric again and wondered why he was in a shop—knew nothing about business. It is an unconscious device to enable these neurotics to flee from reality, and then to justify this desertion of duty by denying quite truthfully all memory of the escapade.

Answer to Correspondent:

L.H.J. (Invercargill): After we have published the photographs of chief officials at other YA stations, it may be possible to issue an extra sheet. We will keep your suggestion in mind.

A PAGE OR TWO FOR WOMEN

Hors d'Oeuvres Help the Menu

By "Kuki"

THE dictionary tells us that an "Hors d'Oeuvres" is a preliminary snack that does not form part of the regular menu.

Whether the idea of hors d'oeuvres, as the name would imply, originated in France I do not know, but these "preliminary snacks" certainly figure largely in the menus of France and other European countries, especially Russia, where they were known as "Zakooska." (To-day, one writes of Russia in the past tense). No dinner in a private house even began without zakooska of some kind. When guests came to dine elaborate and varied zakooska were provided.

Hors d'oeuvres are ideal for tempting jaded appetites. There is a French proverb which says that appetite comes with eating, and most of us know how true that is. We make a mere pretence at eating, till suddenly we taste something particularly pleasing, and lo and behold! we find we have an appetite and go on and make a substantial meal. Hors d'oeuvres, apart from their goodness and the attractiveness they add to a meal, are a positive godsend to the housewife, for there is no reason why a whole meal should not consist of these fascinating dishes. A buffet supper of hors d'oeuvres is not only most agreeable to guests but is also most convenient to the hostess.

One of the most important things about food is its appearance, and the various colours of hors d'oeuvres give a welcome touch of novelty to any table. The following recipes for hors d'oeuvres will be found attractive and popular.

Anchovy Eggs.

Ingredients: 3 eggs, $\frac{1}{2}$ oz. butter, 1 teaspoon anchovy essence, a little cayenne pepper seasoning to taste. Boil the eggs hard, then immediately drop them into cold water. Shell and cut them in half across. Remove a little off each end so that the halves will stand upright. Take out the yolks and rub them with the other ingredients until smooth. Fill the white halves with this mixture so that it comes well above the rims. Garnish with the odd bits of white cut in strips. Decorate with cress or parsley.

This type of hors d'oeuvres can be varied by changing the flavour of the filling. Instead of anchovy, chopped chives, chopped ham, chopped celery, parsley or grated Parmesan cheese may be used with the other ingredients to form the filling.

Oyster Cocktail.

Take 4 to 6 oysters, 1 teaspoon lemon juice, $\frac{1}{2}$ teaspoon grated horseradish, 1 teaspoon tomato sauce, a few grains cayenne, a drop or two Worcester sauce, pepper and salt to taste. The quantities given here are for one person. Choose the best small oysters, remove beards, place in a cocktail glass (or a large enough wine glass) and add the other ingredients. Stand in a bed of ice, if possible, and serve.

This cocktail is supped with a spoon. Thin slices of brown bread and butter, or small cream crackers are served as an accompaniment.

Olives a la Madras.

Spread anchovy butter on a crouton of bread, and put a stoned olive filled with anchovy butter on top. Curl an anchovy fillet round the base of the olive, garnish with chopped white of egg and parsley.

Another way is to use thin rounds of bread, spread with anchovy butter and dip in finely-chopped white of egg, then



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"Take Counsel Here,"
Women's Department,
"N.Z. Radio Record,"
P.O. Box 1032,
Wellington.

place stoned olive filled with anchovy butter on top, and curl anchovy fillet around.

Anchovies and Beetroot.

On a thin round of bread and butter place a thin round of beetroot, dipped in French salad dressing and then a ring of white hard-boiled egg. Pass yolks through a sieve, add a finely chopped shallot and a few capers, flavour with a little anchovy essence and lemon juice, pile on centre of croutons and garnish with a strip of anchovy.

Sardine Eggs.

Mash together some sardines with hard-boiled egg yolks, season with anchovy essence, little vinegar or lemon juice, cayenne pepper, and some chopped pickled gherkins and little butter. Fill egg cases and garnish with cress seasoned with French dressing.

Sardines a la Montpellier.

Chop finely some watercress and work into some butter to make it green, season with salt, pepper and a little lemon juice. Spread on thin slices of brown bread, cut into fingers, dip into chopped egg white and lay a sardine on each. Garnish with egg yolk passed through a sieve.

Anchovy Biscuits.

Rub one and a-half tablespoons butter into six tablespoons flour, then mix into a firm dough with a little egg yolk beaten and mixed with a teaspoon anchovy essence, a little cayenne pepper, a few drops of carmine and a tablespoon water. Roll out thinly, stamp into rounds about two inches in diameter, prick with a fork and bake in a hot oven until crisp. Use when cool.

Crayfish Cocktail.

Use one cooked crayfish, tomato ketchup, Worcester sauce, pinch of cayenne pepper, 1 clove of garlic. This makes a very good and pleasing appetiser. Rub the inside of a bowl with the cut garlic clove. Flake the meat, add the other ingredients allowing 1 tablespoon tomato ketchup and a few drops of Worcester sauce to each person; mix all well together in the garlic-flavoured bowl and chill if possible. Serve in cocktail or large wine glasses with a small spoon at each place. Serve with brown bread and butter.

Nutty things are always liked and these peanut recipes will delight you.

Peanut Filling.

Honey.
Peanut butter.
Walnuts.
Lettuce.
Crushed pineapple.

Mix strained honey with two cups of peanut butter, almost enough to make it spread easily. Then add three tablespoons of finely-ground walnuts, four tablespoons of head lettuce (shredded) and two-thirds of a cup crushed pineapple. Spread between slices of nut-raisin bread.

Pumpkin Nut Pie.

1 cup cooked pumpkin.
 $\frac{1}{2}$ cup peanuts.
 $1\frac{1}{2}$ cups brown sugar.
 $\frac{1}{2}$ cup cinnamon.
2 cups milk.
2 tablespoons flour.
2 eggs.
 $\frac{1}{2}$ cup grated coconut.
Salt.

Mix flour, spices, salt and sugar; add slightly beaten eggs, milk, coconut and chopped peanuts. Pour into a chilled pastry-lined plate; bake immediately. Serve cold.

If you're handy with brush or crayons, see page 43.

EGGS PRESERVED IN A BOX

You will never go back to the messy method of preserving eggs in a liquid after you have used clean Ovoline Paste. You just rub Ovoline over the eggs and pack them neatly away in a box. A $1\frac{1}{8}$ jar does 420 eggs. No dipping, no drying and no tins required. Insist on Ovoline Egg Preservative. It is absolutely reliable 27 years' success. Obtainable all grocers.



Baby's Pilchers

Materials: 1½ oz. 3-ply Beehive wool, 1 pr. No. 9 needles, 1yd. ribbon.

Measurements: Width, 11 inches; length at centre front, 10½ inches; length at centre back, 12 inches.

Abbreviations: K., knit; p., purl; tog., together; m., make a stitch by putting wool over needle; st. stitch; ch., chain; d.c. double crochet.

Cast on 72 stitches. K. 3, p. 3 for 3 rows.

(4) * K. 2 tog., m. 1, k. 1, p. 2 tog., m. 1, p. 1. Repeat from *.

(5) k. 3, p. 3.

(6) (k. 3, p. 3) 7 times. Turn (k. 3, p. 3) twice. Turn (k. 3, p. 3) 3 times. Turn (k. 3, p. 3) 4 times. Turn (k. 3, p. 3) 5 times. Turp.

Change to moss stitch, and work the 2 moss stitch rows 30 times (60 rows).

P. 3, k. 3 for 3 rows.

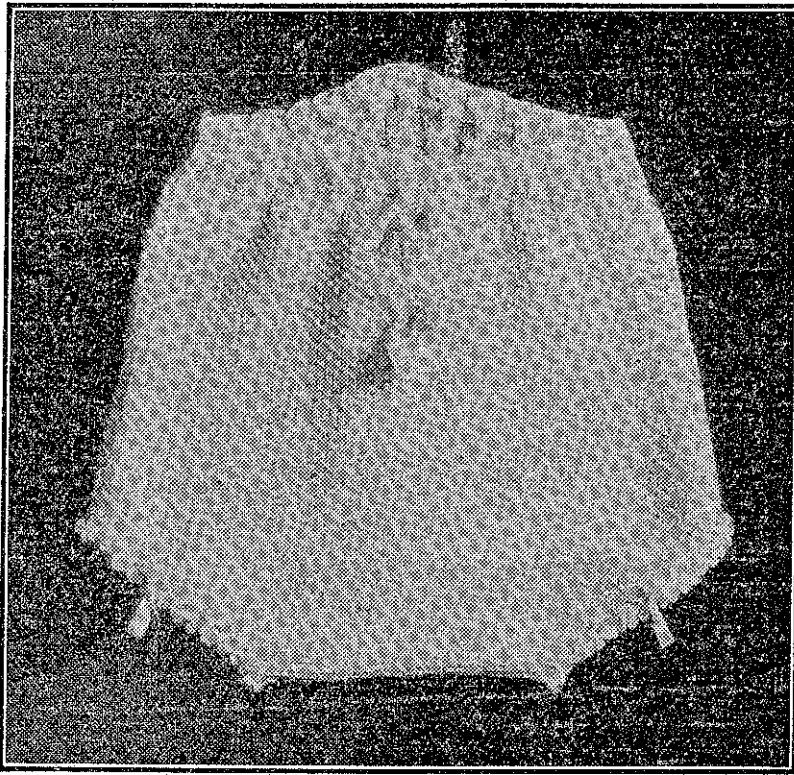
Next row. * p. 2, tog., m. 1, p. 1, k. 2 tog., m. 1, k. 1. Repeat from *.

P. 3, k. 3 for 3 rows. Cast off.

Press gently on wrong side, under a damp cloth. Sew up side seams.

With a fine bone crochet hook, make 1 d.c. at leg seam, * 4 ch., 1 d.c. into second chain, 1 ch., miss 2 sts. of knitting, 1 d.c. in next st. Repeat from * all round leg. Work other leg to match and thread ribbon through.

Work a chain with double wool, and thread through waist holes. Make 3 ch., slip st. into first st. to form a ring, 3 ch., and then fill the ring with treble.



THE PILCHERS AS THEY SHOULD APPEAR WHEN FINISHED.

Continue in this manner, working k. 3, p. 3 once more each time before turning, till you have all the stitches worked off.

Now change to moss stitch.

(1) k. 1, p. 1.

(2) p. 1, k. 1.

Work these 2 rows 30 times (60 rows).

Next row, k. 2 tog., k. to last 2 sts., k. 2 tog. Repeat this row 20 times (30 sts.) Knit 12 rows without decreasing.

Next row k. in front and back of first st., k. to last st., k. in front and back of last st.

Repeat this row 20 times (72 sts.).

Slip st. into first one, and fasten off. Attach one to each end of cord.

A RAPID cure for foot soreness is to place the feet and ankles in a bath of hot water in which a tablespoonful of foot bath salts has previously been dissolved. Soak the feet for fifteen minutes or so, then dry them with a rough towel to stimulate the circulation. Using both hands, massage with a good foot cream, kneading well round the ankles, and with soothing strokes rub each bone over the instep down to the toes. Dust with an antiseptic powder.

This Marriage Business

THE interesting thing about marriage is its permanence and the fact that it is, and is meant to be, an enduring thing. . . . Except for this it is no more interesting than any half-baked love affair or casual encounter.

Modern romantic love marriage is the most daring experiment yet tried by human beings. I am not sure that the Anglo-Saxon people who are trying it are civilised enough to make a success of it.

Married life is not a picnic, and it should not be allowed to resemble a picnic, for even a very exquisitely appointed picnic is informal, and one of the first necessities of married life is a regard for formality. I will even use a big word here and say ceremony.

As a preparation for normal everyday married life, the honeymoon has no value at all, simply because, at its best, when it is a tremendous success, it is no more normal than a drinking bout or any other extravagant form of self-indulgence.

If you must have a honeymoon, make it a short one, take it in some friendly place you know well, and put it off if you can. Don't take that special holiday till you've been married a while.

Men will have to get rid somehow of that old feeling of possession, and even of their old ideas of honour. There's no sense in a man's feeling uncomfortable and humiliated if his wife contributes to the family budget. There is no real reason why a man should find it intolerable to be supported by his wife. If he's a slacker, yes. If he sits at home for choice and lets his wife go out to work, yes. But if, as happens nowadays, he can't find a job and she can, why can't they both be glad that one of them is lucky? In a case of necessity any other feeling is nonsensical and all resentment or friction a stupid waste of energy.

[From "The Technique of Marriage," by Mary Borden (Heinmann, London.)]

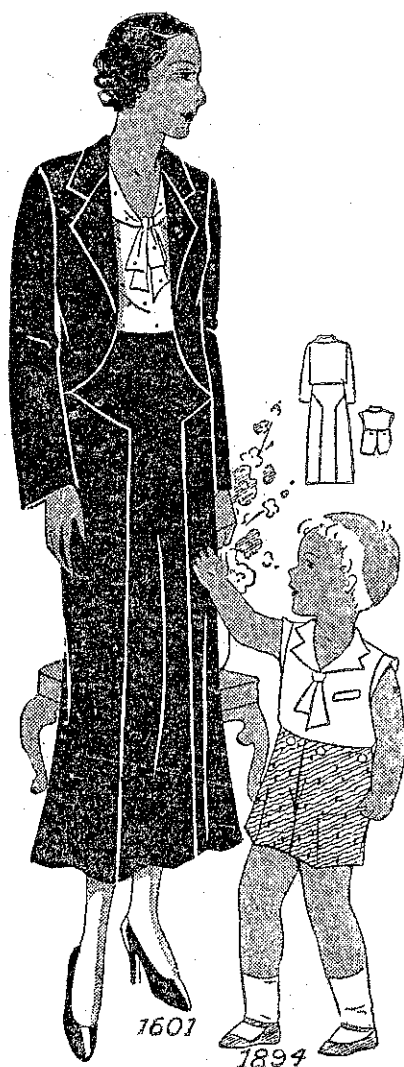
WHEN the inside of a kettle becomes furred, pour in enough vinegar to cover the furred parts. Let this stand for an hour or more, then rinse thoroughly. Fill the kettle with water and bring to the boil, then rinse thoroughly again. If it still smells of vinegar, rub round the inside with tea-leaves and rinse once more.

IF you want your sitting-room to wear a very up-to-the-minute look, buy window hangings from the counter at which you purchase your dress materials. Curtains are to be soft and supple this season. Voile, organdie, crepe de chine and printed silks are the mode at the moment.

TO keep flies from the house dip a sponge in boiling water, place in a saucer and pour on half a teaspoonful of oil of lavender; this gives off a delightful perfume, but is disliked by flies.

Cash prizes for the best coloured and mounted Jig-saws. See page 43.

Street and Evening Clothes for the Spring



1601

1894

1601—Frock and Blouse suitable for all sizes. Material required: Six yards of 36in. and one and five-eighths yards of 36in. for blouse. To fit size 40 inch bust. Other sizes: 32, 34, 36, 38, 42, 44, 46 and 48 inch bust.

PAPER PATTERN, 1/-

1894.—Boy's Shirt and Trousers. Material required: One yard of 36in. for shirt, and half a yard of 36in. for trousers. To fit 4-6 years. Other sizes: 1-2 and 2-4 years.

PAPER PATTERN, 9d.



2237

1877

2237—Backless Evening Gown, with panelled front skirt. Material required, four and a half yards of 36in., and one and one-eighth yards of 36in. contrasting. Width of hem, three and one-eighth yards. To fit size 36in. bust. Other sizes 32, 34, 48 and 40 inch bust.

PAPER PATTERN, 2/-

1877—Evening Frock suitable for Maids. Material required, four and a half yards of 36 inch. To fit size 12-14 years. Other size 14-16 years.

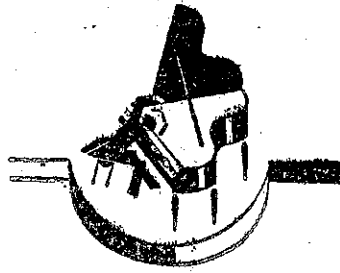
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BRIGHT PROGRAMMES

**22W Presenting Many
Interesting Items**

THE following is a brief note of the programmes to be given by the Wellington B station, 22W, next week:—

Monday: 7 a.m. to 8.30 a.m., breakfast session; 10 a.m., devotional service; 10.15 a.m., morning music; noon, close down; 5 p.m., tea-time music; 5.30 p.m., a bright story for invalids and elderly people; 5.40 p.m., more tea-time music; 6 p.m., session for young people, special competition for girls and boys (conducted by Captain Leo and Sergt. Dan); 8 p.m., soldiers' concert to 8.45 p.m.; Radiators' bright moment till 9 p.m.; 9 p.m., wrestling broadcast; 10 p.m., dance music; 10.15 p.m., close down.

Tuesday: 7 a.m. to 8.30 a.m., breakfast session; 10 a.m., Pandora's session; noon, close down; 5 p.m., tea-time music; 6 p.m., Pandora will interest young people with stories and Uncle Toby will be there with his singing of requested songs; 7 p.m., after-dinner music; 7.30 p.m., talk to motorists; 8 p.m.-11 p.m., sponsored programme; 11 p.m., close down.

Wednesday: 7 a.m. to 8.30 a.m., breakfast session; 10 a.m., devotional service; 10.15 a.m., session for womenfolk; noon, close down; 5 p.m., tea-time music; 6 p.m., Judy and Uncle Toby; 6.30 p.m., Boy Scouts will broadcast a programme arranged by Cubs; 7 p.m., after-dinner music; 7.30 p.m., piano recital, Mrs. Hector; 8 p.m.-8.30 p.m., The Merry Maker's bright half-hour; 8.30 p.m., Rev. Fielden Taylor; 9 p.m., studio concert; 10 p.m., dance music; 11 p.m., close down.

Thursday: 7 a.m. to 8.30 a.m., breakfast session; 10 a.m., devotional service; 10.15 a.m., Pandora's session for womenfolk; noon, close down; 5 p.m., tea-time music; 6 p.m., children's session (Grandma Lola, Uncle Alex.); 7 p.m., after-dinner music; 7.30 p.m., talk by station; 8 p.m., sponsored; 8.40 p.m., Captain Leo's talk; 9 p.m., sponsored; 10 p.m., dance music; 10.15 p.m., close down.

Friday: 7 a.m., breakfast session; 8.30 a.m., close down for remainder of day. Children's rehearsal, 4 p.m., in concert chamber.

Saturday: 7 a.m. to 8.30 a.m., breakfast session; 10 a.m., devotional service; 10.15 a.m., morning music; noon, close down; 5 p.m., tea-time music; 6 p.m., children's hour; 7 p.m., after-dinner music; 8 p.m., studio concert; 10 p.m., dance music, with incidental items; 11.30 p.m., close down.

Sunday: 11 a.m., devotional service by the station padre; 6.30 p.m., evenside music; 7 p.m., relay St. Paul's Pro-Cathedral; 8.15 p.m. (approx.), studio concert; 9.55 p.m., epilogue; 10 p.m., close down.

PRESS and official stenographers have had their task made easier in Northern Ireland House of Commons as microphones have been placed in front of the speakers. The speeches are duly amplified and broadcast by a public address system in the press gallery.