# Programmes Continued

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### Saturday, April 7th

1YA AUCKLAND (333 METRES)—SATURDAY, APRIL 7.

3 p.m.: Afternoon session-Selected gramophone items.

4.0: Literary selection by the announcer.
4.8: Further selected gramophone items.

4.30: Close down.

6.0: Children's session-Cinderella. Songs, recitations, stories, letters, and

birthday greetings.
7.15: News and sports results.

8.0: Chimes.

8.1: Relay of orchestral overture from Rialto Theatre Orchestra, under the conductorship of Mr. Henry C. Engel.
8.16: Vocal quartet—Lyric Quartet, "O Peaceful Night" (German).
8.20: Recital—Mr. Thomas Harris, "King Robert of Sicily" (Longfellow).
8.25: Tenor solo—Mr. Herbert Richards, "So Fair a Flower" (Willeby).
8.29: Instrumental trio—Bosworth-Hemus-Towsey Trio, "1st Movement C Minor Tries" (Mendlescolm). Trio" (Mendelssohn).

8.39: Soprano solos—Miss Alma McGruer, (a) "Big Lady Moon" (Colcridge-Taylor); (b) "The Cuckoo" (Lehmann).
8.47: Humour—Mr. Alan McElwain, Musical Moments.
8.52: Vocal quartet—Lyric Quartet, "In Absence" (Buck).
8.56: Relay of orchestral interlude from Rialto Theatre.

Weather forecast.

9.8: Vocal duos—McGruer-Smith Duo, (a) "In the Springtime" (Travers); (b)
"Flower Duet," from "Madame Butterfly" (Puccini).
9.16: Bass solo—Mr. Ernest Thomas, "When a Maiden You Have Chosen"

(Florestin).

9.20: Recitals—Mr. T. Harris, (a) "A Wild Night At Sea" (Dickens); (b) "Old Aunt Mary's" (Riley).

9.28: Contralto solo—Miss Beryl Smith, (a) "Sink, Red Sun" (Del Riego); (b) "O Divine Redeemer" (Gounod).

9.36: Tenor solo—Mr. Arthur Ripley, "Love Lily" (Davies).

9.40: Humour—Mr. A. McElwain, more mirth from "The Sentimental Bloke"

(Dennis). 9.46: Instrumental trio-Bosworth-Hemus-Towsey Trio, "Samson et Delila" (Saint Saens).

9.56: Vocal quartet-Lyric Quartet, "The Long Day Closes" (Sullivan).

10.0: Close down.

### 2YA WELLINGTON (420 METRES)—SATURDAY, APRIL 7.

3 p.m.: Chimes of the G.P.O. clock.

3.1: Afternoon session-Selected studio items. Close down.

6.0: Children's session-Aunts Gwen and Dot, assisted by pupils of Miss Gwen Shepherd, choruses, songs, duct, and stories.

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

Chimes of the G.P.O. clock. Overture—"Poet and Peasant" (Suppe).

8.1; Overture—Foet and Peasant" (Suppe).
8.5: Vocal quartet—Melodie Four, "Integer Vitae" (Fleming).
8.9: Mandolin Band—Mrs. Mildred Kenny's Mandolin Band, (a) "Hold Thou My Hand" (Briggs); (b) "March on Scipio" (Handel).
8.17: Tenor solos—Mr. C. A. Williams, (a) "Serenade" (Brahms); (b) "Sunday" (Brahms).
8.22: Intriprepatal trian Suppose Filmon's State of the Control of the Co

8.22: Instrumental trio-Symons-Ellwood-Short Trio, "First Movement of

8.22: Instrumental trio—Symons-Ellwood-Short Trio, "First Movement of Jadassohn's Trio."

8.32: Bass solo—Mr. W. W. Marshall, "'Neath the Rolling Tide" (Jude).

8.38: Tenor solo—Mr. Sam. Duncan, "Angels Guard Thee" (Godard).

8.43: Piano and "cello—Messrs. Gordon Short and George Ellwood, "Slow Movement from Sonata for 'Cello and Piano" (Strauss).

8.53: Humorous recital—Mr. R. Waipole, "The Sad Story of Mrs. Paddlewick" (Hayes).

8.59: Weather forecast.

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9.0: Baritone solo—Mr. R. S. Allwright, "The Last Muster" (Pontet).
9.6: Soprano solos—Miss Eilla McMahon, (a) "Songs My Mother Taught Me" (Dvorak); (b) "I Hear You Calling Me" (Marshall).
9.12: Instrumental trios—Studio Trio, (a) "By Silent Hearth" (Wagner); (b) "Spanish Dance" (Moszkowski).
9.22: Vocal quartet—Melodie Four, "Thuringian Volkslied" (Abt).
9.27: Tenor solo—Mr. C. A. Williams, "Pale Moon" (Logan).
9.31: Mandolin Band—Mrs. Mildred Kenny's Mandolin Band, (a) "Open the Gates of the Temple" (Knopp); (b) "Calvary" (Rodney).
9.39: Bass solo—Mr. W. W. Marshall, "The Diver" (Jude).
9.43: Tenor solo—Mr. Sam. Duncan, "Somewhere a Voice is Calling" (Tate).
9.47: Humorous recital—Mr. H. Walpole, "Beams and Things" (original).
9.52: Baritone solo—Mr. R. S. Allwright, "Bois Epais" (Lully).
9.56: Vocal quartet—Melodie Four, "The Two Roses" (Gilberte).
Close down.

### 3YA CHRISTCHURCH (306 METRES)-SATURDAY, APRIL 7.

11.30 a.m.: Relay description of Metropolitan Trotting Club's Easter meeting at Addington, by courtesy of the club.
6 p.m.: Children's hour—Uncle Sam and Aunt May, songs, stories, riddles, and

birthday greetings.

### You can listen to the distant voices of the world!

RIGHT IN YOUR OWN HOME.

The thrilling voice from old England.

Quaint song and speech from Holland.

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A New Filter Unit.

The Igranic output filter is a new product that should have a ready sale. This output filter employs the hook-up that is most suited to sets employing B climinators especially, whilst also being best suited to battery operation. The output circuit is at low potential, thus obviating any chance of a shock through contact with the terminals whilst in operation. By courteen of whilst in operation. By courtesy of the International Radio Company, we were able to give the unit a two-days' test, which proved very satisfactory. The price is 25s.

### Transformer "Ratios."

The secondary of every audio transformer should have the largest number of turns practicable if maximum step-up is aimed at. The primary, on the other hand, should be designed to have a suitable impedance for the detector or amplifier to be used with it. The primary impedance is the most important factor to the user, and in the newer models is considerably increased, in some cases to over 100 henries. A low impedance transformer is most volume could be increased 100 per cent. suitable to follow a crystal.

At a luncheon meeting of the Radio Trade Group Division, in the Advertising Club, 23 Park Avenue. New York, lately, Benjamin Gross, president of Radio Merchandising and Advertising," urged his hearers to co-operate with manufacturers and jobbers in making radio advertising "clean." He sales A low impedance transformer is most volume could be increased 100 per cent.

"Hemi" (Wairarapa) drops me a cordial note of appreciation and asks Which is better for long distance reception in the country-a long or a short aerial?" A long aerial always short aerial?" A long aerial always gives better long-distance reception but is less selective than a short aerial. In the areas near the city if one desires to cut out the local station a shorter aerial is advisable. For the country "Switch" recommends an aerial of about 145ft., including the lead-in. It is an axiom in radio that the higher the aerial the executive. lead-in. It is an axiom in radio that the higher the aerial the greater its range. If "Switch" lived in the coun-try nothing lower than an aerial 60ft, above the ground would suit him.

A New York radio enthusiast has written the Federal Radio Commission urging the establishment of a station which would broadcast suggestive treatment for "the sick in mind and body." His letter in part follows: "My object is to build a radio station in New York to be supported by voluntary contributions and used exclusively for humanitarian purposes. A good radio should be installed in every gaol and hospital. A criminal or suicide is not one through choice, but because of adverse currents in his life. Many have been brought up in poverty and super-stition. Although the commissioners feel that some of the New York writer's suggestions are worthy, they say that the launching of such a project is not within their jurisdiction.

The season's developments in loud-speakers in the United States seem to show a trend toward the born again. Recent efforts of acoustic engineers have brought forward an improved horn which is said to rival or outclass the cone. The new horn does not by any means resemble the old "goose neck" type, as the new horn grandle neck" type, as the new horn generally is made up in a cabinet very similar to that which houses the cone.

A writer in the New York "Radio News" says:—"Since reception of the Australian broadcast stations has become possible in nearly all sections of the United States, interest in them has been aroused. One of the most interesting factors is the difference in time. The stations in Sydney and Melbourne are fifteen hours ahead of our Restart, steelight distribution. Eastern standard time. When it is 9 p.m. in Sydney it is 6 a.m. the same day in New York. Although the Australian stations can be received any month in the year, March and October seem to be the best months."

A new method of taking down speech is presented in a system which is now being extensively advertised in England, and which consists of abbreviated longhand signs, whilst the principals follow those of shorthand; (uk lmo sprdi nw) in speedwriting means "You can almost speedwrite now." It is suggested that amateurs desirous of taking down morse signals will eventually adopt this system, instead of writing the complete word. It provides, also, a handy method for the taking down of weather reports, etc., by broad-

Signora Marconi, wife of the famous radio inventor, owns a portable radio receiver, which is nearly unique, in that there is only one other like it, that being owned by the Prince of Wales. Senatore Marconi himself designed the set, which has an A.C. power unit and batteries enclosed.

A mysterious wireless station, supposed to be somewhere on or in the vicinity of the Baltic coast, and probably near Denmark, has been noticby the Danish authorities. station sends out Bolshevist propaganda in the Danish language. There is a station sends out Bolshevist propaganda in the Danish language. There is a theory that this station is operated secretly by the Bolshevists, as the Press were recently advised that the Soviet Government proposed to establish a propaganda station in another country. Existence of this so-called secret "red" station was first discovered by Professor William Rung, who when trying to tune in the Copenhagen broadcasting station heard this Bolshevist propaganda being sent out by an vist propaganda being sent out by an unknown station. No details are available as to the wavelength, except that it must be very near that of the Copenhagen station.

Brisbane, Sydney, Melbourne, and Hobart are an hour and a half behind New Zealand time. Adelaide is two hours behind New Zealand time, and Perth is three and a half hours be-

Some listeners are at a loss to account for the claim that 2YA, Wellington, is the second most powerful broadcast station in the British Empire, when a number of Australian stations are also listed as having a power of 5000 watts. The method of rating the Australian stations is different to that in New Zealand. For inent to that in New Zealand. For instance, the March issue of the New York "Radio News" states that an Australian station rated at 5000 watts has an output of about 2500 watts (American rating). The New Zealand rating is similar to that of the United States.

At a luncheon meeting of the Radio

7.15: News session.

7.30: Sports results. 8.0: Chimes.

Vocal harmony duet—Messrs. Charles Lawrence, Alfred Levett, with Ivan Perrin at the piano, "Ten, Ten, Tenessee" (Tilson).

Baritone solo—Mr. Charles Lawrence, "Song of the Wanderer" (Lanez).

Pianoforte novelties—Mr. Ivan Perrin, "Extemporisations."

Fox-trot song—Mr. Alfred Lovett, "To-morrow" (Courtney).

Jolly Trio—Messrs. A. Lovett, "To-morrow" (Courtney),
Jolly Trio—Messrs. A. Lovett, Chas. Lawrence, and Ivan Pervin at the
piano, "Lucky Days."

Spanish guitar and banjo-mandelin trios—The Scarff Trio, (a) "Poor
Old Joe"; (b) "Swannee River."

Contralto solo—Miss Dulcie Mitchell, L.R.A.M., "Angus Dei" (Bizet).

Recitation—Mr. W. H. Moses, "A Christmas at Sea" (Stevenson).

Phono fiddle solos—Mr. Verner Lawford, (a) "The Question" (Elkin);
(b) "Avalon" (Burcher).

Mezzo-soprano solo—Miss Hilda Blechynden "The Bird With the

Mezzo-soprano solo-Miss Hilda Blechynden, "The Bird With the Broken Wing" (Gibson).

Weather report and forecast.

Patter sketch and harmony duet—Messrs. Alfred Lovett and Charles
Lawrence, with Ivan Perrin at the piano, "Sally's Not the Same Old

Sally" (Beaton).

Piano solo novelties—Mr. Ivan Perrin, "Musical Switches."

Musical monologue, with special effects—Mr. Charles Lawrence, "The 11.69 Express" (Robertson).

Jolly Trio—Messrs. Alfred Lovett, Chas. Lawrence, with Ivan Perrin at the piano, "Just Like a Butterfly."

Spanish guitar and banjo-mandolin trios—The Scarff Trio, (a) "For the Term of his Natural Life" (Hayes); (b) "My Old Kentucky Home."

Contraito solos—Miss Dulcie Mitchell, (a) "Still as the Night" (Bohm); (b) "Just Love Me" (Lyali Phillips).

Humorous recitation—Mr. W. H. Moses, "The Trial of Wing Fat."

Phono fiddle solos—Mr. Verner Lawford, (a) "Swiss Cradle Song" (Scott); (b) "Omaha" (Nicholls).

Mezzo-soprano solo—Miss Hilda Blechynden, "She Wandered Down the

Mezzo-soprano solo-Miss Hilda Blechynden, "She Wandered Down the Mountainside" (Clay). God Save the King.

### 4YA DUNEDIN (463 METRES)—SATURDAY, APRIL 7.

7.15 p.m.: News session. 8.0: Town Hall chimes.

Relay of orchestral music from the Empire Theatre.

8.16: Mczzo-soprano solos-Miss Molly Vickers, (a) "Still as the Night": (b)

"Elegy" (Arditti).

"Elegy" (Arditti).

8.23: Pianoforte solo—Miss Muriel Caddie, "Iiebestraume No. 2" (Liszt).

8.27: Baritone solo—Mr. L. M. Cachemaille, "Give a Man a Horse He Can Ride" (Liddle).

8.31: Flute solo—Mr. Chas. E. Gibbons, "Fra Diavolo" (Auber).

8.37: Soprano solos—Miss Agnes Guy, (a) "Butterfly Wings" (Phillips); (b)

"Kashmiri Song" (Woodford-Finden).

8.43: Violin solo—Mr. H. Riddle, L.T.C.L., "Berceuse de Jocelyn" (Godard).

8.49: Orchestral music relayed from the Empire Theatre.

9.5: Weather forecast.

Weather forecast. 9.7: Mezzo-soprano solo--Miss Molly Vickers, "Fair Spring is Returning"

9.7: Mczo-soprano solo-Miss Mony vickers, Fan Spring is Returning (Saint-Saens).

9.12: Pianoforte solos-Miss Muriel Caddie, (a) "Papillon" (Coleridge-Taylor); (b) "Introduction and Fugato" (Harris).

9.21: Baritone solos-Mr. L. M. Cachemaille, (a) "Sea Fever" (Ireland); (b) "Invictus" (Huhn).

9.28: Flute solo-Mr. Clas. E. Gibbons, selection from "Il Trovatore" (Verdi).

9.34: Violin solos-Mr. H. Riddle, (a) "Shepherds' Dance" (German); (b) "Serenade" (Widor).

"Serenade" (Widor).

9.43: Soprano solo—Miss Agnes Guy, "Almond Blossoms" (Arundale)

9.46: Relay of orchestral music from the Empire Theatre.

10.0: God Save the King.

### Sunday, April 8th 1YA AUCKLAND (333 METRES)—SUNDAY, APRIL 8

3 p.m.: Afternoon session-Selected studio items.

4.0: Literary selection by the Announcer, 4.30: Close ilown.

4.30: Close flown.
6.0: Children's song service, conducted by Uncle Leo, assisted by cousins from the Beresford Street Sunday School.
6.55: Relay of church service from Pitt Street Methodist. Church. Preacher, Rev. L. Dalby; musical director, Mr. W. Leather; organist, Mr. W.

8.30: Relay of organ recital from Auckland Town Hail. Organist, Mr. Maughan Barnett.

9.30: Close down. 2YA WELLINGTON (420 METRES)—SUNDAY, APRIL 8,

9.55 a:m: Relay of morning service from St. Gerard's Redemptorist Church. Preacher, Rev. Father T. Robinson; organist, Mr. Henry Mount; conductor, Mr. Frank J. Oakes.

(Continued on page 14.)



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