Programmes Continued

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3YA CHRISTCHURCH (306 METRES)—THURSDAY, JANUARY 19.

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

4.30: Close down. 6.0; Children's hour-Chuckle and Aunt Pat. Bed-time stories, songs, birthday greetings, and letters.

7.15: News and reports.
7.30: Talk-Mr. L. E. Vernazoni, of Philatelic Society, "Stamps Worth For-

tunes."

tunes."

8.0: Chimes. Relay of orchestral selections from Everybody's Picture
Theatre Orchestra, under the direction of Mr. Albert Bidgood.

8.15: Soprano and baritone duet—Madame Gower-Burns and Mr. Bernard
Rennell, "Barcarolle" from "Tales of Hoffman" (Offenbach).

8.19: Shakespearian dialogue—Miss Maiona Juriss, A.T.C.L., "Prince Arthur
to Hubert" from "King John" (Shakespeare).

8.25: Tenor solos—Mr. Harold Prescott, (a) "Indian Serenade" (Boerzi); (b)
"Can This Be Summer?" (Edwards).

8.32: Instrumental trios—Christchurch Broadcasting Trio, three further movements from "Trio, Op. 29, (a) "Moderato, (b) Largetto Con Moto,
(c) Allegro" (Gade).

8.42: Soprano solos—Madame Gower-Burns, (a) "Kissing Time" (Needham);
(b) "Mia Piccarilla" (Gomez).

8.49: Pianoforte solo—Miss Aileen Warren, "Melodie" (Rachmaninoff).

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\$54: Vocal trio (soprano, tenor, and baritone).—Madame Gower-Burns, Messrs.

H. Prescott and B. Rennell, "Memory" (Leslie).

8.58: Weather forecast,

9.0: Relay of orchestral selections from Everybody's Theatre.
9.15: Baritone solo—Mr. Bernard Rennell, "Mine Enemy" (Rudd).
9.19: Humorous recital—Miss Maiona Juriss, "A Lady's Impressions of a Play" (Anon.).

9.24: Vocal duet (soprano and tenor)—Madame Gower-Burns and Mr. H. Prescott, "A Night in Vencie" (Lucantoni).

9.27: Tenor solo—Mr. H. Prescott, "Retournelle" (Chaminade).

9.31: Instrumental trios—Christchurch Broadcasting Trio, (a) "Serenade" (Pache); (b) "Ave Maria Stella" (Grieg); (c) "Serenade" (Pache); (b)

(Haydn).

(Haydn).

9.41: Vocal duet (tenor and baritone)—Messrs. H. Prescott and B. Rennell,

"Come to the Fair" (Sanderson).

9.44: Soprano solo—Madame Gower-Burns, "Sing, Sweet Bird" (Ganz).

9.47: Vocal duet (soprano and baritone)—Madame Gower-Burns and Mr. B.

Rennell, "Trot Here, Trot There" (Messàger).

9.51: Pianoforte solo—Miss Aileen Warren, "Polonaise in C Sharp Minor"

(Chopin). - 9.56: Baritone solo-Mr. Bernard Rennell, "Beware of the Maiden" (Craike-

day). 9.59: Vocal trio (soprano, tenor, and baritone)-Madame Gower-Burns, Messrs.

H. Prescott and B. Rennell, "Ti Prego" (a prayer), (Curschmann).

4YA DUNEDIN (463 METRES)—THURSDAY, JANUARY 19.

7 p.m.: Town Hall chimes.

7.30: News session.

7.30: News session.
8.0: Town Hall chimes. Relay of orchestral music from the Octagon Theatre
Orchestra, under the direction of Mr. L. D. Austin.
8.11: Bass solos—Mr. E. G. Bond, (a) "Song of the Bow" (Aylward); (b)
"The Gay Highway" (Drummond).
8.18: 'Cello solo—Mr. Malcolm Robilliard, "Ave Maria" (Schubert).
8.23: Soprane solo—Miss Rita Holmes, "Down in the Forest" (Phillips).
827: Pianoforte solo—Miss Alice Wilson, "Waltz in C Sharp Minor" (Chopin).
8.32: Baritone solos—Mr. F. M. Tuohy, (a) "My Task" (Ashford); (b)
"Requiem" (Homer).
8.39: 'Cello solo—Mr. Malcolm Robilliard, "Bourrie" (Handel).
8.44: Contralto solos—Miss Winnie McPeak, (a) "Bird of Blue" (German);
(b) "To a Miniature" (Brahe).
8 50: Orchestral music relayed from Octagon Theatre.

(b) "To a Miniature" (Brahe).

8 50: Orchestral music relayed from Octagon Theatre.

9.0: Bass solo—Mr. E. G. Bond, "You Along o' Me."

94: Address—Pastor W. D. More, selected.

9.20: Soprano solos—Miss Rita Holmes, (a) "Villanelle"; (b) "Hark, Hark, the Lark" (Schubert).

9.27: Pianoforte solo—Miss Alice Wilson, "Ballade" (Brahms).

9 32: Baritone solo—Mr. F. M. Tuohy, "Easter Flowers" (Sanderson).

9 36: Orchestral music, relayed from Octagon Theatre.

9 46: Contralto solo—Miss Winnie McPeak, "Morning" (Speaks).

9.50: Pianoforte solo—Miss Alice Wilson, "Wedding Day" (Grieg).

10.0: Close down.

Friday January 20th

1YA AUCKLAND (333 METRES)-FRIDAY, JANUARY 20.

3 p.m.: Afternoon session-Selected Studio items. 4.0: Literary selection, by Mr. Culford Bell.

4.30: Close down.
6.0: Children's hour, conducted by Uncle Ned.

7.0: Close down. 7.15: Talk on "Motoring," by Mr. Geo. Campbell.

7.30: News and reports.

7.45: Close down. 8.0: Chimes.

8.1: Relay of orchestral overture from Princess Theatre. Mr. Howard

Moody, conductor.

8.11: Quartet—The Waiata Quartet, "Let the Hills Resound" (Allan).

8.15: Tenor solo—Mr. Ernest Snell, "Onaway, Awake, Beloved" (Cowan).

8.19: Humour—Mr. Jim Sharp, a few moments of mirth.

8.24: Contratto solo—Miss Phyllis Gribben, selected.

8.28: Interpretal trip. Population Traces Trip. "Trip. Fig. 1.

8.28: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio, First Movement" (Godard).

8.38: Bass-baritone solo-Mr. Frank Sutherland, "What Am I, Love, Without

Thee" (Boosey-Adams).

8.42: Sketch—Miss Edna Smeeton, Messrs. Sharp and F. Adeane, "The Stranger" (De Garde-Peach).

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

RIGHT IN YOUR OWN HOME.

The thrilling voice from old England.

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Quaint song and speech from Holland. Weird words and music from Soviet Russia.

Peppy jazz and queer quips from America.

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If your dealer cannot tell you of this wonderful Receiver-Write us for free details.

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A mechanical workshop affording to every ex-service employee expert training, on full pay, in a new and lucrative engineering field. A practical economic haven when constant encouragement towards rehabilitation soon banishes all thought of self-pity and puts even a disabled returned soldier on an equal mental, moral and finan-cial footing with his more fortunate fellow men. This proud employment programme is in force at the Chicago plant of a big radio manufacturing plant of a big radio manufacturing company, builders of high-power radio receivers. Credit for this sincere service to Chicago's ex-soldiers is given to the shop superintendent and personnel director of the plant.

An instrument that indicates change in current as small as a tentil of a thousandth of a millioneth part of an ampere has been developed in America. The usual electric house-hold lamp uses 200,000,000,000 times as much current as the amount represented by one subdivision on the scale of this instrument, which is so sensitive that it has to be mounted on jewel bearings.



MR. ALLAN YOUNG.

Mr. Allan Young, one of Dunedin's leading and certainly most genial entertainers. As a member of the Orphan Club, Mr. Young is wellknown by everyone in Dunedin interested in concert work. Of his versatile character studies, perhaps the best known and loved are his Hebrew imitations.

One lead from your speaker should connect to B-plus and the other to plate of the last valve. If these leads are connected vice versa the magnets of your loudspeaker will be weakened. In order to find which is the B-plus lead, disconnect the leads from the speaking unity, plug them in a potato which has been cut in half to show the white, then turn on the rheostats. The plate lead will make no difference to the potato, whereas the B-plus lead will turn it blue.

Sockets occasionally cause noise trouble through corroded loose or bent prongs. Corrosion may be removed with fine sandpaper. In holders of the UX type the prongs may be brought back to contact with a pair of pliers inserted from the bottom, but this is a job that will necessitate the removal of the socket, and should not be undertaken unless there is evidence of bad contact. It seems needless to say that repair of a set should not be undertaken without experience or without the removal of valves and batteries.

Dr. Alfred N. Goldsmith, the eminent American radio scientist, says: "It is clear that the cost of a transmitting station will become excessive of transmitter power beyond a certain limit is used. The first cost of the station, and its maintenance (including the cost of electrical power) all force the broadcaster to consider seriously the use of no greater power than is necessary to justify the expense of the station.

It is not often that anything not intended for the microphone creeps into the transmission from the studio of 4QG, Brisbane. Quite recently, however, during the course of a choral concert, a hurried "You'll have to get further back," in a voice unmistakably like that of the announcer, gave evidence of the fact that, for a moment, that official had forgotten that the studio was still "on the air." dio was still "on the air."

6 47: Pianoforte solo-Mr. Cyril Towsey, "Study, Op. 25, No. 5" (Chopin). 8.52: Soprano solo-Miss Lola Solomon, "Alleluia" ("Le Cid"), (Mass).

6.55: Evening Forecast.
8.57: Relay of orchestral interlude from Princess Theatre.
9.7: Vocal duet—Miss P. Gribben and Mr. E. Snell, "Sink, Red Sun" (Del

Riego).

911: Humour—Mr. J. Sharp, a few more moments of mirth, 9.20: Bass-baritone solo—Mr. F. Sutherland, "The Toilers" (Piccolomini), 9.25: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio, Second Movement" (Godard).

9.35: Sketch-Miss E. Smeeton, Messrs. Sharp and Adeane, "Stung" (De Garde-Peach).

5.43: Soprano solo—Miss L. Solomon, "Lullaby" (Needham).
9.47: Relay from Princess Theatre.
9.52: Tenor solo—Mr. E. Snell, "The Last Hour" (Cramer).
9.56: Quartet—The Waiata Quartet, "Softly Falls the Shades of Evening"

10.0: A thought. 10.2: God Save the King.

2YA WELLINGTON (420 METRES)-FRIDAY, JANUARY 20.

3 p.m.: Chimes of the General Post Office clock, Wellington.

3.1: Selected gramophone items.
3.30: Lecturette-Miss Marion Christian, of the Wellington Gas Co., "Gas Cooking."

3.45: Selected gramophone items.

5.0: Close down. Children's hour.

6.0: 7.0:

6.0: Children's hour.

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

7.40: Lecturette—Mr. D. G. Paris, of Wellington Centre, A.A.A., "Athletics."

8.0: Chimes of the General Post Office clock, Wellington.

8.1: Overture—"Tancredi Overture" (Rossini).

8.4: Vocal quartet—The Apollo Four, "Allan Water" (Button).

8.9: Humorous recital—Mr. Peter Dorrian, "The Wire" (Thomas).

8.15: Tenor solo—Mr. E. W. Robbins, "Sea Gipsy" (Head).

8.20: Instrumental trio—Symons-Ellwood-Short Trio, "Scherzo and Finale,
Trio in G" (Hurlstone).

8.30: Bass solo—Mr. Roy Dellow, "A Song of Surrey" (Lohr).

8.35: Hawaiian guitars—Messrs. Berthold and Bent, (a) "Charmaine" (M.S.);

(b) "A Lane in Spain" (M.S.).

8.45: Vocal quartet—The Apollo Four, "Reveries" (Storch).

8.49: Cornet solo—Mr. Thomas Goodall, "Drink to Me Only" (Hartman).

8.56: Weather report.

8.56: Weather report.

8.50: Weather report.
8.58: Lecturette—Editor Announcer, "Imperial Affairs."
9.13: Vocal quartet—The Apollo Four, "Doan Ye Cry, Ma Honey" (M.S.).
9.17: Instrumental trio—Symons-Ellwood-Short Trio, "Andante" from "Trio in F Major" (Saint-Saens).
9.27: Humorous recital—Mr. Peter Dorrian, "The Thinning of the Thatch"

(Anon.).

9.31: Baritone solo—Mr. S. E. Rodger, "Mate o' Mine" (Elliott).
9.36: Violin solo—Miss Ava Symons, "Nos. 1 and 2, Violin Suite" (Linding).
9.42: Tenor solo—Mr. Sam. Duncan, "Berceuse de Jocelyn" ("Angels Guard Thee"), (Godard).
9.46: Cornet solo—Mr. Thomas Goodall, "I Dreamt I Dwelt in Marble Halls"

(Round).

9.50: Hawaiian guitars—Messrs. Berthold and Bent, (a) "O Sole Mio" (Di Capua); (b) "Let's Grow Old Together" (M.S.).
9.57: Yocal quartet—The Apollo Four, "Evening's Twilight" (Hatton).

10.0: God Save the King.

3YA CHRISTCHURCH (306 METRES)—FRIDAY, JANUARY 20. p.m.: Afternoon session-Selected Studio items.

4.30: Close down. 6.0: Children's hour-Peterkin, bed-time stories, birthday greetings, and letters.

7.15: News and reports. 8.0: Chimes. Relay of orchestral selections from Crystal Palace Theatre
Orchestra, under the direction of Mr. A. J. Bunz.
8.15: Bass solo—Mr. T. D. Williams, "Prologue" from "Il Pagliacci" (Leon-

cavallo).

8.20: Reading-Miss Lucy Cowan, "Innocents Abroad" (Mark Twain).
8.25: Soprano solo-Miss Frances Hamerton, "Ah! Lo So" from "Magic

Flute" (Mozart).

8.29: Instrumental trio—Christchurch Broadcasting Trio, "Allegro Appassionata" from "Trio in A Minor" (Lalo).
8.39: Tenor solo—Mr. Russell Sumner, "Flower Song" from "Carmen"

(Bizet).

8.43: 'Cello solo—Mr. Harold Beck, "Adagio Pastorale" (Handel).

8.48: Contralto solo—Miss Belle Renaut, "O, Love from Thy Power" from

"Samson and Delilah" (Saint-Saens).

8.52: Vocal quartet-The Melodious Four, "The Madrigal" (German). 8.57: Weather forecast.

8.57: Weather forecast.
9.0: Relay of orchestral selections from Crystal Palace Theatre.
9.15: Bass recitative and aria—Mr. T. D. Williams, "My Country" ("O Mon Palermo") from "Vespri Siciliani" (Verdi).
9.20: Recitals—Miss Lucy Cowan, (a) "Columbus" (Miller); (b) "A Cutting Occasion" (Cowan).
9.26: Contralto solo—Miss Belle Renaut, "Softly Awakes My Heart" from "Samson and Delilah" (Saint-Saens).
9.30: Instrumental trios—Christelurch Broadcasting Trio (a) "Andante

9.30: Instrumental trios—Christchurch Broadcasting Trio, (a) "Andaute Melodique" (Danela); (b) "Spanish Dance" (Moskowski).
9.40: Tenor solo—Mr. Russell Sumner, "Woman is Changeable" from "Rigo-

letto" (Verdi).

9.43: Soprano solo—Miss Frances Hamerton, "Recitative and Air, De Lia" from "L'Enfant Prodigue" (Debussy).
9.47: 'Cello solo—Mr. Harold Beck, "Harlequin" (Popper).
9.51: Vocal duet (tenor and bass)—Messrs. Russell Sumner and T. D. Williams,

"The Moon Hath Raised Her Lamp Above" from "Lily of Killarney" (Benedict).
9.56: Vocal quartet—The Melodious Four, "The Barley Mow" (German).

10.0: God Save the King.

4YA DUNEDIN (463 METRES)—FRIDAY, JANUARY 20. 3 p.m.: Town Hall Chimes. Afternoon session-Selected Studio items.

1: His Master's Voice recital.

3.15: Afternoon tea music from the Savoy. 3.30: Studio music.

4.0: Music from the Savoy. 4.15: His Master's Voice recita! 4.30: Close down. 6.0: Town Hall chimes. Children's hour—Big Brother Bill. Fairy music by Uncle Norman, Sister Joyce on the piano, and Sister Annie will sing. The "Happy Ditty," letters, and birthdays. The Radio Family goes on a trip with Big Brother Bill in the Wonder Car.

7.15: News and reports.
7.30: Address on the "League of Nations."

Town Hall chimes.

8.1: Tenor solos—Mr. L. E. Dalley, (a) "The Diver" (Macmillan); (b)
"To a Rose" (Macfadyen).
8.8: Recital—Miss Sheila Neilson, "The Pedler" (De la Mare).
8.14: Mezzo-soprano solo—Miss C. M. Law, "Open Thy Blue Eyes" (Mas-

senet).
8.18: Bass solo—Mr. J. B. Macpherson, "Till I Wake" (Woodford-Finden).
8.21: Pianoforte solo—Mrs. W. Muuro, "Sonata Capriccioso, Second Sonata"

(Weber).

8.27: Soprano solos—Miss Roma Buss, (a) "Silver Star of Love" and (b) "Queen of the Philippine Islands" from "Floradora" (Stuart).
8.35: Humorous recital—Miss Sheila Neilson, "Listening In."
8.40: Tenor solo—Mr. L. E. Dalley, "Serenade" from the "Fair Maid of Perth."

845: Pianoforte solo-Mrs. W. Munro, "Polonaise in C Sharp Minor" (Chopin).

8.51: Mezzo-soprano solos—Miss C. M. Law, (a) "Big Brother Day" (Tutor);
(b) "Night Is Our Sister" (Tutor).
8.57: Humorous recital—Miss Sheila Neilson, "Shopping,"
9.2: Bass solos—Mr. J. B. Macpherson, (a) "Less Than the Dust"; (b)
"Kashmiri Song" (Woodford-Finden).
9.8: Pianoforte solo—Mrs. W. Munro, "Polichinelle" (Rachmaninoff).
9.13: Soprano solo—Miss Roma Buss, "Oft to the Greenwood" (Brahe).
9.19: Relay of dance music from the Savoy.

10.0: Close down.