

Programmes Continued

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- 3.15: Fashion Talk by a representative of the D.I.C.
 3.30: Afternoon tea music from the Savoy.
 3.45: Studio music.
 4.0: Music from the Savoy.
 4.15: His Master's Voice recital.
 4.30: Close down.
 6.0: Town Hall chimes.
 6.1: Children's hour—Big Brother Bill and Joyce at the piano. Fairy music on the guitar by Big Brother Norman, Ruth will recite again, and Ken will play his mouth-organ. Now we have a most thrilling trip on the Wonder Car to see the world's queer folk.
 7.15: News session.
 7.30: Mr. H. Greenwood, of the Athenaeum, will review the latest books.
 8.0: Town Hall chimes.
 8.1: Bass solos—Mr. J. B. Macpherson, (a) "Blow, Blow, Thou Winter Wind" (Sarjeant); (b) "Drinking Song" (Old German Air).
 8.8: Recitation—Miss Sheila Neilson, "Lorenzo's Eulogy on Music" (Shakespeare).
 8.13: Soprano solo—Miss Roma Buss, "I Love the Moon" (Rubens).
 8.17: Tenor solos—Mr. L. E. Daley, (a) "Serenade" (Mascagni); (b) "Mary."
 8.24: Pianoforte solo—Miss Aroha Allan, L.T.C.L., "Sparklets" (Miles).
 8.30: Mezzo-soprano solo—Miss Mollie Andrews, "Beyond the Dawn" (Sander-son).
 8.34: Selection.
 8.38: Bass solo—Mr. J. B. Macpherson, "The Village Blacksmith" (Weiss).
 8.42: Recitations—Miss Sheila Neilson, (a) "Crossing the Bar" (Tennyson); (b) "The Old Clock on the Stairs" (Longfellow).
 8.52: Soprano solos—Miss Roma Buss, (a) "Turn Ye to Me" (Wilson); (b) "The Dove" (Ronald).
 8.57: Tenor solo—Mr. L. E. Daley, "O Vision Entrancing" (Goring-Thomas).
 9.2: Pianoforte solos—Miss Aroha Allan, L.T.C.L., (a) "Coronach" (Barratt); (b) "The Evening Hour" (Gussner).
 9.11: Mezzo-soprano solos—Miss Mollie Andrews, (a) "Love's a Sailor" (Phil-lips); (b) "Hedge Roses" (Schubert).
 9.16: Relay of dance music from the Savoy.
 10.0: God Save the King.

Saturday, March 31st

1YA AUCKLAND (333 METRES)—SATURDAY, MARCH 31.

- 3 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the announcer.
 4.30: Close down.
 6.0: Children's session—Cinderella.
 7.15: News and sports results.
 8.0: Chimes.
 8.1: Relay of orchestral overture from Strand Picture Theatre, under the conductorship of Eve Bentley.
 8.16: Chorus—Lyric Quartet, "Grand Bridal Chorus," from "Tannhauser" (Wagner).
 8.21: Humour—Mr. Alan McElwain, some merry moments.
 8.26: Tenor solo—Mr. Herbert Richards, "An Old-Fashioned Town" (Squire).
 8.30: Vocal quartet—Lyric Quartet, "Night Winds Flow" (Calkin).
 8.34: Soprano solo—Miss Alma McGruer, "Break o' Day" (Sanderson).
 8.39: Vocal quartet—Lyric Quartet, "The Amorous Nigger" (M.S.).
 8.44: Vocal duet—Miss A. McGruer and Mr. A. Ripley, "Sympathy" (Marshall).
 8.48: Relay of orchestral interlude from Strand Theatre.
 8.58: Weather forecast.
 9.0: Vocal quartet—Lyric Quartet, "Reveries" (Storch).
 9.5: Bass solo—Mr. E. Thomas, "I Did Not Know" (D'Hardelot).
 9.10: Grand chorus—Lyric Quartet, "Wedding March" (Wagner).
 9.15: Relay of dance music by "The Internationals," under the conductorship of Mr. Clyde Howley, from Dixieland Cabaret.
 11.0: God Save the King.

2YA WELLINGTON (420 METRES)—SATURDAY, MARCH 31.

- 3 p.m.: Chimes of the G.P.O. clock.
 3.1: Selected gramophone items.
 5.0: Close down.
 6.0: Children's session—Aunts Gwen and Dot.
 7.0: News session, market reports and sports results.
 8.0: Chimes of the G.P.O. clock.
 8.1: Overture—"The Great Little Army" (Alford).
 8.5: Vocal quartet—Melodie Four, "Honey I Wants Yer Now" (Coe).
 8.10: Novelty pianoforte solo—Mr. James Skedden, "Lopez Speaking" (Jentes).
 8.15: Tenor solo—Mr. S. Duncan, "I Hear You Calling Me" (Marshall).
 8.20: Instrumental Trio—Symons-Ellwood-Short Trio, "Miniature Trio" (Gurlitt).
 8.30: Vocal duet—Messrs. S. Duncan and R. S. Allwright, "In This Solemn Hour," from the opera "Force of Destiny" (Verdi).
 8.35: Bass solo—Mr. W. W. Marshall, "The Miller of Winchelsea" (Adams).
 8.40: Instrumental trios—Studio trio, (a) "Serenade" (Victor Herbert); (b) "Dancing Doll" (Poldini).
 8.50: Tenor solos—Mr. Frank Bryant, (a) "Only the River Running By" (Hopkins); (b) "Thoughts" (Fisher).
 8.56: Baritone solo—Mr. S. Allwright, "Two Songs For My Lady" (Foster).
 9.1: Weather forecast.
 9.2: Novelty pianoforte solo—Mr. James Skedden, "Red Clover" (Kortlander).
 9.7: Vocal quartet—Melodie Four, "Drifting and Dreaming" (Arrgd. Melodie Four).
 9.12: Relay of Chas. Dalton's Columbia Solo Six Dance Orchestra from the Columbia Cabaret, Kilmorie.
 11.0: God Save the King.

3YA CHRISTCHURCH (306 METRES)—SATURDAY, MARCH 31.

- 6.0: Children's session—Uncle Sam and Aunt May, assisted by consins—songs, stories, jokes, and birthday greetings.
 7.15: News session.
 7.30: Sports results.
 8.0: Chimes.
 Vaudeville Concert.
 Soprano solo—Miss Mabel Thomas, A.T.C.L., "Prince Charming" from "The Vicar of Wakefield" (Lehmann).
 Baritone solo—Mr. E. A. Dowell, "There's a New Star in Heaven Tonight" (Brennan).
 English concertina solos—Mr. E. W. Heald, (a) "I Dreamt That I Dwelt in Marble Halls" (Balfe); (b) "Then You'll Remember Me," from "The Bohemian Girl" (Balfe).
 Tenor solo—Mr. David McGill, "Thou Art Risen, My Beloved" (Taylor).
 Contralto solo—Mrs. D. W. Stallard, "Oh, That We Two Were May-ing" (Nevin).
 Instrumental trios—Christchurch Broadcasting Trio, (a) "Russian River Song" (Traditional); (b) "Tempo Di Minuetto, Op. 32" (Godard).
 Humorous Recitation—Mr. Jas. Laurenson, "The Hielan Jazz" (W. Fyffe).
 Contralto and tenor duet—Miss Mabel Thomas and Mr. David McGill, "Are You Going to Dance?" from "The Count of Luxembourg" (Lehar).
 Humorous songs at the piano—Mr. E. A. Sargent, (a) "Spring Spring, Glorious Spring" (Gill); (b) "And the World Went Very Well then" (Spurr).
 Weather forecast.
 Soprano solo—Miss Mabel Thomas, A.T.C.L., "Romance" from "Our Miss Gibbs" (Caryll and Monckton).
 Baritone solos—Mr. E. A. Dowell, (a) "Adelai" (Spurin); (b) "I'll Forget You" (Ball).
 English concertina solos—Mr. E. W. Heald, (a) "The Lost Chord" (Sullivan); (b) "The End of a Perfect Day" (Bond).
 Contralto solos—Mrs. D. W. Stallard, (a) "In An Old Fashioned Town" (Squire); (b) "Come! Sing the Summer In" (Bethune).
 Instrumental trios—Christchurch Broadcasting Trio, (a) "Souvenir de Schubert" (Poussard); (b) "Polonaise" (Chopin).
 Tenor solo—Mr. David McGill, "Bird's Song at Eventide" (Coates).
 Humorous recitation—Mr. Jas. Laurenson, Scottish Selection from series "Meg and Andra" (Anon).
 Soprano and tenor duet—Miss Mabel Thomas and Mr. David McGill, "Say Not Love is a Dream" from "Count of Luxembourg" (Lehar).
 Humorous songs at the piano—Mr. E. W. Sargent, (a) "Behren Bem Borem" (Kirky) (own arrangement); (b) "Two Little Irish Songs" (M.S.).

Australian school teachers and students in the country will be catered for by a special series of educational talks to be broadcast from 3LO, Melbourne. The series will begin on Thursday afternoon, February 23, and will be given from 3 till 4 o'clock. The feature was introduced last year, and proved highly interesting. The talks will cover such subjects as literature, language, travel, and music.

One stage of radio frequency ahead of a detector makes a tremendous difference in long-distance reception. The effectiveness of radio-frequency amplification is made apparent when valve detectors are used, as the sensitiveness of these devices is proportional to the square of the voltage applied to them. In other words, if the incoming signal is amplified to double its normal voltage, the strength of signal in the plate circuit of the detector valve will be four times as great as before.

An Australian radio scribe says: "The method adopted in all countries of giving a call sign to the station is one that 'just happened,' and there is no particular warrant for its use. It is questionable if it is the best one for the purpose. In Russia some of the big stations have names such as the Popoff station at Leningrad, named after Popoff, who is perhaps as much entitled to be called one of the real pioneers of radio as anybody. In America some stations, in addition to their authorised call signs, have auxiliary titles. For example, a well-known station in St. Louis announces itself as 'the Voice of St. Louis.' Maybe it would be useful for us to consider adopting some such system. It would give to the station a more intimate or 'personal' touch that would have its psychological effect on listeners. Of course, the practice could be overdone, and any innovation needs to be carefully pre-considered."

As an argument in favour of establishing relay stations in Australia, a Melbourne writer says: "Distance is the main obstacle in the way of an efficient broadcasting service for the whole of Australia. Distance and huge stretches of sparsely populated country are a barrier to the establishment of big broadcasting stations situated closely together as they are in Europe and America. The area of Australia is greater than that of Europe. The distance from Melbourne to Perth is equal to that from Greece to Portugal, whilst a line drawn from Athens to Scotland would only reach from Melbourne to the far north of Australia.

"The existing broadcasting stations in Australia are limited by Government regulations. They are established in the six capital cities, but as they are separated by many hundreds of miles, and are situated along the southern and eastern fringe of the great continent, an idea can be formed of the task of supplying an efficient service for the whole of the Commonwealth. Listeners in distant parts certainly tune in regularly to the big station—3LO, Melbourne—but naturally reception at times is marred by disturbing influences."

Everyone is talking about the remarkable reception of the Australian stations on Thursday night, February 9. From 11.30 p.m. onwards the Aussies commenced to pound in, and by 12.15 a.m. on Friday even 5CL, Adelaide, was giving us good loudspeaker volume. The writer picked up a long-distance station a few metres above 3LO, Melbourne, at 1 a.m. A child was reciting in English, and was being prompted by a woman. At the conclusion there was prolonged applause.

4QG, Brisbane, is now running a gramophone session from 10 p.m. till 10.30 p.m. once a week. The director has issued the following notice: "There are numbers of people who are owners of gramophones and other talking machines, and 4QG proposes to devote a short session once per week for a period of a month to these people. The records used will be specially selected for broadcasting purposes. The inclusion of this session is in the nature of an experiment, and listeners who are interested are particularly requested to listen to the announcement which will be made prior to the transmission. Comments and suggestions regarding the session are invited."

The British Broadcasting Company cabled to 3LO, Melbourne, under date January 30, as follows:—"Reception of 3LO on 32 metres good last night—little fading—75 per cent. intelligibility." To achieve such pronounced success that 75 per cent. of a programme of music and speech extending over two hours is intelligible, marks a distinct advance in world broadcasting. A Press telegram received by the Australian daily papers stated that Gerald Marcuse, the celebrated English experimenter, at the conclusion of 3LO's programme on January 30 said enthusiastically: "It was easily the most wonderful short-wave transmission ever heard from Australia. The programme was audible distinctly throughout." Mr. Marcuse for most of the time was able to employ a loudspeaker. It was so distinct that the announcer could be heard taking his breath during the reading of the news.

A membership increase of 55 per cent. is shown in the annual report of the U.S.A. Institute of Engineers. The organisation, founded in 1912 for the benefit of the radio engineer and his co-workers, has increased in size, until it has 4852 persons on its rolls. Included are radio authorities in all quarters of the world.

Dance music.
 God Save the King.

4YA DUNEDIN (463 METRES)—SATURDAY, MARCH 31.

- 3 p.m.: Resume at intervals of test match—New Zealand v. Australia.
 7.15: News session and sporting results.
 7.30: Address on "Amateur Photography" by a member of the Dunedin Camera Club.
 8.0: Town Hall chimes.
 8.1: Relay of orchestral selections from Empire Theatre.
 8.12: Tenor solos—Mr. R. A. Mitchell, (a) "Wait" (Sanderson); (b) "Maire My Girl" (Aitken).
 8.19: Cornet solo—Mr. George Christie, "Flower Song" from "Faust" (Gounod).
 8.24: Contralto solo—Miss Irene Hornblow, L.R.A.M., "O Lovely Night" (Ronald).
 8.28: Flute solos—Mr. J. Stewart, (a) "Standchen" (Terschak); (b) "La Cerrido" (Briccialdi).
 8.38: Baritone solos—Mr. Arthur Lungley, (a) "Myself When Young" (Ashleigh); (b) "Strange Is It Not" (Ashleigh).
 8.43: Relay of orchestral selections from Empire Theatre.
 8.53: Soprano solo—Miss Florence Sumner, "Jack's the Boy" from "The Geisha" (Monckton).
 8.58: Violin solo—Mr. A. R. Watson, "Serenade" (Gounod).
 9.3: Weather report and forecast.
 9.6: Tenor solo—Mr. R. A. Mitchell, "Macushla" (Macdermott).
 9.9: Cornet solos—Mr. George Christie, (a) "Il Mio Tesoro" (Mozart); (b) "Songs Without Words" (Mendelssohn).
 9.17: Contralto solos—Miss Irene Hornblow, (a) "I Had a Dove" (Ronald); (b) "A Love Song" (McAlpin).
 9.22: Flute solo—Mr. J. Stewart, "Les Soupirs 2nd Nocturne" (Kalkreuter).
 9.28: Baritone solos—Mr. Arthur Lungley, (a) "The Heart's Desire" (Ashleigh); (b) "The Master Knot" (Ashleigh).
 9.33: Violin solos—Mr. A. R. Watson, (a) "Romanze" (Vieuxtemps); (b) "Kleinlander" (Bohm).
 9.40: Soprano solos—Miss Florence Sumner, Two songs from "The Country Girl," (a) "Coo"; (b) "Under the Deodar" (Rubens).
 9.48: Relay of orchestral selections from the Empire Theatre.
 10.0: God Save the King.

Sunday, April 1st

1YA AUCKLAND (333 METRES)—SUNDAY, APRIL 1.

- 3 p.m.: Afternoon session—Selected studio items.
 4.0: Literary selection by the announcer.
 4.30: Close down.
 6.0: Children's Hour—Uncle Leo.
 6.55: Relay of church service from the Auckland Unitarian Church: Preacher—Rev. Albert Thornhill.
 8.30: Relay of Municipal Band Concert from Auckland Town Hall, under the conductorship of Mr. Christopher Smith.
 9.30: Close down.

2YA WELLINGTON (420 METRES)—SUNDAY, APRIL 1.

- 6 p.m.: Children's service conducted by Uncle Ernest.
 6.55: Relay of Palm Sunday Service from the Taranaki Street Methodist Church. Preacher—Rev. Clarence Eaton. Organist and choir-master—Mr. H. Temple White.
 At the conclusion of the service, the Sacred Cantata, "The Darkest Hour" will be rendered by the choir, under the conductorship of Mr. H. Temple White. Soloists: Narrator (soprano), Miss Nita Hopkins; Pilate (tenor), Mr. Roy Hill; Jesus (baritone), Mr. Roy Del-low; High Priest (bass), Mr. C. W. Svenson.
 9.0: (Approx.)—Studio concert.
 Vocal trio—Wellington Ladies' Trio, "Swing Low, Sweet Chariot" (arr. Burleigh).
 Soprano solo—Miss Nora Gray, "Lead Kindly Light" (Liddle).
 String Quartets—Symons-Ellwood-String Quartet, (a) "Gavotte" (Bach); (b) "Romance" (Tschai-kowsky).
 Mezzo-contralto solo—Mrs. P. J. Townley, "Alike at Morn" (Beethoven).
 Vocal duet—Misses Mollie Fenton and Nora Gray, "Sainted Mother" from "Maritana" (Wallace).
 String quartet—Symons-Ellwood String Quartet, "Allegro from E Flat, Quartet" (Schubert).
 Contralto solo—Miss Mollie Fenton, "Alleluiah" (arr. O'Connor Morris).
 Vocal trio—Wellington Ladies' Trio, "Night Hymn at Sea" (Thompson).
 Violin solo with string accompaniment—Miss Ava Symons, "Hungarian Dance" (Brahms).
 Vocal duet—Misses Mollie Fenton and Nora Gray, "All Alone" (Dvorak).
 Vocal trio—Wellington Ladies' Trio, "Skylark's Song" (Mendelssohn).

3YA CHRISTCHURCH (306 METRES)—SUNDAY, APRIL 1.

- 5.45 p.m. Children's song service, conducted by Uncle Sam, assisted by members of the Congregational Sunday School, Tennyson Street.
 6.30: Relay of evening service from Knox Presbyterian Church, Bealey Avenue. Preacher, Rev. T. W. Armour; organist, Mr. W. Billington. Stainer's "Crucifixion," with augmented choir. Soloists, Mr. S. Wilkinson (tenor), Mr. J. Filer (baritone).
 The following concert programme will be given from 3YA studio after the service:—
 7.45: Mezzo-contralto solos, Mrs. Percy Jowett (a) "Deep River" (Negro spiritual), (arrgd. Fisher); (b) "Gwin to Lay Down My Life for My Lawd" (Negro spiritual), (Thomas).
 7.52: Tenor solo, Mr. Thorpe Cherry, "Lola," from "Cavalleria Rusticana" (Mascagni).
 7.56: Soprano solos, Miss Linda Mills, (a) "Nevermore" (Mattei); (b) "The Swallows" (Cowan).
 8.4: Cornet solo, Mr. Percy W. Reeves, "The Rosary" (Nevin).
 8.9: Baritone solo, Mr. F. C. Penfold, "The Blind Ploughman" (Clarke).
 8.13: Clarinet solo, Mr. M. E. Withers, "Serenade" and "Ave Maria" (Schubert).
 8.19: Tenor solo, Mr. Thorpe Cherry, "On Wings of Song" (Mendelssohn).
 8.23: Mezzo-contralto solos, Mrs. Percy Jowett, (a) "Such a Li'l Fellow" (Dichmont); (b) "On the Way to Kew" (Mallinson); (c) "When Daisies Pied" (Arne).
 8.32: Cornet solo, Mr. Percy W. Reeves, "The Holy City" (Adams).
 8.36: Soprano solo, Miss Linda Mills, "A Farewell" (Liddle).
 8.40: Clarinet solo, Mr. M. E. Withers, "Une Reve" (Muller).
 8.48: Baritone solos—Mr. F. C. Penfold, (a) "Soul of Mine" (Chappell); (b) "O Flower Divine" (Wood).
 9.0: God Save the King.

4YA DUNEDIN (463 METRES)—SUNDAY, APRIL 1

- 5.45 p.m. Children's session.
 6.30: Relay of service from Hanover Street Baptist Church. Preacher, Rev. E. S. Tuckwell. Choirmaster, Mr. H. P. Desmoulines.
 8.15: Studio concert.
 9.15: Close down.

A radio loudspeaker capable of broadcasting sound up to 1½ miles, and yet retain the musical quality of the tone rendered, was recently demonstrated at the Royal Institute of Technology in Stockholm. The speaker can be mounted on a truck and transported around to be used at fairs, mass meetings, etc. The novelty is called the "Riesensprechapparat."

The drum is the most difficult instrument to reproduce over the microphone.

Excessive voltage or defective insulation will cause condensers to break down.

Germany is said to be the most progressive European nation in the advancement of radio. There is a chain of powerful stations operating in the ten or more leading cities.

Canada has seventy-five broadcasting stations.

There are 1,252,126 farms in the United States equipped with receiving sets.

Upwards of 150 radio stations in the United States broadcast daily weather reports.

Ten o'clock curfew for radio broadcasting is the newest plan in Italy in an effort to stamp out imported vice.