

Programmes Continued

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- 4.15: His Master's Voice recital.
4.30: Close down.
6.0: Children's hour—Big Brother Bill. Olive and Ruby will sing Nursery Rhymes. Big Brother Jack will play the piano, Ken will give another of his popular recitations, and Uncle Jess Benfell will give more of his farmyard imitations. Letters, birthdays, and a trip in the Wonder Car. One of Big Brother Bill's stories for the Chickabiddies is also on the programme.
7.15: News session.
7.30: Address on the Anniversary of Otago and Southland—Mr. W. B. McEwen, Librarian, Dunedin Public Library.
8.0: Town Hall chimes.
8.1: Soprano solo—Mrs. D. Carty, "Ave Maria," from "Cavalleria Rusticana" (Mascagni).
8.5: Pianoforte solo—Mr. Gordon Findlay, "Menuet, Op. 14, No. 1" (Paderewski).
8.11: Baritone solos—Mr. Bert Rawlinson, (a) "In the Light of Her Sweet Glances," from "Il Trovatore" (Verdi); (b) "Wolfen's Song," from "Tannhauser" (Wagner).
8.20: Hawaiian guitar duets—Messrs. Sheehy and Campbell, (a) "Down Hawaii Way"; (b) "Hawaiian Song of Love" (Hendrick).
8.26: Contralto solo—Miss Flora Williamson, "To a Miniature" (Brahe).
8.29: Bass solos—Mr. Neil Black, (a) "Shipmates o' Mine" (Sanderson); (b) "Oh, To Be a Gypsy" (Forster).
8.36: Weather report and forecast.
8.39: Soprano solos—Mrs. D. Carty, (a) "Scenes That Are Brightest," from "Maritana" (Wallace); (b) "In Happy Moments," from "Maritana" (Wallace).
8.47: Pianoforte solos—Mr. Gordon Findlay, (a) "Capriccioso in B Minor" (Brahms); (b) "Contre Tanze I" (Beethoven).
8.55: Contralto solos—Miss Flora Williamson, (a) "Eleanore" (Mallinson); (b) "Ships That Pass in the Night" (Stephenson).
9.7: Hawaiian guitar duet—Messrs. Sheehy and Campbell, "Drifting and Dreaming" (Van Alstyne).
9.10: Bass solo—Mr. Neil Black, "Till Death" (Macheroni).
9.15: Relay of dance music from the Savoy.
10.0: God Save the King.

Saturday, March 24th

1YA AUCKLAND (333 METRES)—SATURDAY, MARCH 24.

- 3 p.m.: Afternoon session—Selected studio items.
4.0: Literary selection by the Announcer.
4.30: Close down.
6.0: Children's hour—Cinderella.
7.15: News and sports results.
8.0: Chimes.
8.1: Relay of orchestral overture from Rialto Theatre Orchestra under the conductorship of Henry C. Engel.
8.16: Vocal quartet—The Lyric Party, "Thro' The World."
8.21: Soprano solo—Miss Alma McGruer, "Didn't You Know?" (Eden).
8.26: Humorous recital—Mr. Allan McElwain, "Some Humour."
8.32: Vocal trio—The Lyric Trio, "O Smile, Fair Heaven," from "Romeo and Juliet" (Gounod).
8.37: Bass solo—Mr. Ernest Thomas, "The Deathless Army" (Trotter).
8.42: Relay of orchestral interlude from Rialto Theatre.
8.57: Humorous duet—Messrs. McElwain and Thomas, "The Policeman" (Newton).
9.2: Weather report and forecast.
9.4: Tenor solo—Mr. Arthur Ripley, "A Little Wooing" (Eisdale).
9.8: Vocal quartet—The Lyric Party, "Lucky Jim" (Parkes).
9.13: Relay of dance music from Dixieland Cabaret by "The Internationals" under Mr. Clyde Howley.
11.0: A thought.
11.2: God Save the King.

2YA WELLINGTON (420 METRES)—SATURDAY, MARCH 24.

- 12 noon: Relay of Wellington Trotting Club's autumn meeting from Hutt Park. (Subject to permission of Wellington Trotting Club).
6.0: Children's hour—Auntie, Dot and party.
7.0: News session, market reports and sports results.
8.0: Chimes of the General Post Office clock, Wellington.
8.1: Overture—"When the Lemons Bloom Waltz" (Strauss).
8.5: Vocal quartet—Melodie Four, "John Peel" (Traditional, arr. Holloway).
8.9: Tenor solo—Mr. Sam Duncan, "At Dawning" (Cadman).
8.14: Instrumental trio—Symons-Elwood-Short Trio, "Last Movement of Trio in D Minor" (Arensky).
8.24: Humorous Recital—Mr. R. Walpole, "Monty on How America Was Discovered" (Hayes).
8.30: Baritone solo—Mr. R. S. Allright, "The Bedouin Love Song" (Pinsuti).
8.34: Tenor solos—Mr. F. Bryant, (a) "My First Love" (Lohr); (b) "You'd Better Ask Me" (Lohr).
8.40: Cello and piano duet—Messrs. George Ellwood and Gordon Short, "Duo for Cello and Piano" (Goltermann).
8.48: Vocal Duet—Messrs. F. Bryant and W. W. Marshall, "Dring to Me Only" (Traditional).
8.52: Humorous recital—Mr. R. Walpole, "Monty on Wembley" (Hayes).
8.57: Bass solo—Mr. W. W. Marshall, "Jonathan Jones" (Slater).
9.1: Vocal quartet—Melodie Four, "Ukulele Dream Girl" (Arr. Frank Crowther).
9.6: Weather report and forecast.
9.7: Relay of Charles Dalton's Columbian Solo Six Dance Orchestra from the Columbian Cabaret, Kilbirnie.
11.0: God Save the King.

3YA CHRISTCHURCH (306 METRES)—SATURDAY, MARCH 24.

- 6 p.m.: Children's hour—Uncle Sam and Aunt May. Birthday greetings, songs and stories.
7.15: News and reports.
7.30: Sports results.
Soprano and tenor duet—Miss Mabel Thomas and Mr. David McGill, "Were You not to Koko Plighted?" (Sullivan).
Cornet solo—Mr. P. W. Reeves, (a) "Polka Australis" (Lithgow); (b) "Thora" (Adams).
Happy songs with ukulele—Miss Edna Johnson with Miss Dorothy Johnson at the piano, (a) "Moonlit Waters" (Brown); (b) "Ain't That a Grand and Glorious Feeling" (Ager).
Dramatic recital—Mr. W. H. Moses, "My Friend" (Service).
Contralto solo—Miss Dulcie Mitchell, L.R.A.M., "Abanera" from "Carmen" (Bizet).
Instrumental trios—Christchurch Broadcasting Trio, (a) "Tempo Di Minuetto" (Hummell); (b) "Turkish Rondo" (Hummell).
Soprano solo—Miss Mabel Thomas, "A Fors E Lui" from "La Traviata" (Verdi).
Banjo, Mandolin and Spanish Guitar Trios—The Scarff Trio, (a) "Hawaiian March—Kohala"; (b) "Drowsy Waters."
Tenor solo—Mr. David McGill, "Parted" (Tosti).
Weather report and forecast.
Soprano and tenor duet—Miss Mabel Thomas and Mr. David McGill, "The Garden of Your Heart" (Dorel).
Cornet solos—Mr. P. W. Reeves, (a) "Titania Polka" (Rimmer); (b) "Goodbye" (Tosti).
Happy songs with ukulele—Miss Edna Johnson with Miss Dorothy Johnson at the piano, (a) "Honolulu Moon" (Lawrence); (b) "Lucky Day" (Henderson).
Humorous recital—Mr. W. H. Moses, "The Telephone Proposal."
Contralto solos—Miss Dulcie Mitchell, L.R.A.M., "Come Let's Be Merry" (Wilson); (b) "A Summer Night" (Thomas).
Instrumental trios—Christchurch Broadcasting Trio, (a) "Fascination Valse" (Newark); (b) "Serenata" (Braga); (c) "Tarentelle" (Trouselle).
Soprano solo—Miss Mabel Thomas, "The Sun Whose Rays are All Ablaze" (Sullivan).
Banjo, Mandolin and Spanish Guitar Trios, (a) "Maxina" (Boissanade); (b) "Ukulele Lady."
Tenor solo—Mr. David McGill, "A Dream" (Bartlett).
Dance music until 11 p.m.
God Save the King.

Radio statisticians who try to determine the relative popularity of broadcast features have a new measuring stick to work with: the kilowatt-hour. According to Arthur Williams, vice-president of the New York Edison Company, New Yorkers burned up 6000dol. (£1200) worth of extra electricity the night of the Tunney-Dempsey fight, listening to the radio description of the battle and staying up to read the newspaper accounts that appeared shortly afterward. The extra load carried by the company's generators did not fall off until 3 o'clock the next morning.

A simple and efficient method of rejuvenating valves which have "gone dead" is to turn their filaments up to normal brilliancy and then to reverse the polarity of the "B" battery, connecting its positive terminal to "A" and its negative to the lead which is normally connected to the "B". The valves should be left connected in this manner for a full hour; the filament current should then be turned down to the lowest point and left this way for another half-hour. In cases where the valves are unusually poor, the treatment may have to be repeated. After the valves have been allowed to cool off, the batteries should be connected in their correct manner. It should be borne in mind that some types of valves are not suitable for rejuvenation; those, like the WD11 and UX112, which have not thoriated filaments, are not amenable to this treatment.

When 201A-type valves are used as detectors, it is advisable to use a filament rheostat of about 80 ohms; because although these valves are not very critical to changes in filament voltage they are most sensitive at one particular point. A 6-ohm rheostat does not permit the fine regulation of voltage that is obtained with one of higher resistance; in some cases the point at which the valve operates most efficiently is much lower than the rated voltage.



MISS ALICE WILSON, F.T.C.L.

One of the advanced pupils of the Barth School of Music, and is a really brilliant exponent of piano playing. She is frequently heard in 4YA concerts.

Art-lite photo.

Mr. D. Hekel, of Bandoeng, Java, writes to the New York "Radio News": "The short-wave phone transmitter at Malabar, Java, is now working again regularly with 25 kilowatts on 17.4 metres, with the Dutch short-wave phone station PCLL, 18.7 metres, from 120 to 1820 GMT on Mondays, Wednesdays, and Fridays. As these stations now come through very well, there will be opened within a few weeks a short-wave phone service between Holland and Java. This will be the longest in the world—more than twice the length of the trans-Atlantic system. As to heavy tropical static: this is indeed very serious, especially on the higher wavelengths, but depends also on the season. On the short waves, however, it is no obstacle. Most of the inland and foreign traffic of the Dutch East Indies is handled by the short-wave transmitters, ANC, AND, ANP, and ANH (Laboratory)."

The Melbourne "Listener In" says: "Ever since the commencement of wireless broadcasting criticism of some kind or other has been directed against every broadcasting station the world over. Much has been well-intentioned, some ill-intentioned, and most of it positively selfish: What I mean is that the critic usually approaches things from his own individual point of view, and consequently it behoves those responsible for the broadcasting services not to take him over seriously, seeing that they have to please many hundreds of thousands of other listeners of varying tastes. However, the critic who is kindly and constructively disposed is always heeded by enterprising broadcasters, for from him many hints are gleaned; but unfortunately this class of critic is all too rare."

S.O.S

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4YA DUNEDIN (403 METRES)—SATURDAY, MARCH 24.

- 7.15: News session.
7.30: Address on "Successful Domestic Poultry Raising," by a Member of the Dunedin Egg Circle.
8.0: Town Hall chimes.
8.1: Orchestral music relayed from the Empire Theatre.
8.11: Tenor solos—Mr. Dan Fogarty, (a) "I Hear You Calling Me" (Marshall); (b) "The Harp That Once Thro' Tara's Halls" (Traditional).
8.18: Pianoforte solo—Miss Muriel Caddie, "Liebestraume" (Liszt).
8.23: Soprano solo—Miss Edith Morrison, "Una Voce Poco Fa" (Verdi).
8.27: Violin solos—Miss Eva Judd, (a) "Adagio From Sonata in E Minor" (Bach); (b) "Nocturne in E Flat" (Chopin).
8.35: Humorous songs—Mr. Percy James, (a) "I Had a Little Garden" (Hannay); (b) "Singers and Talkers" (Kent).
8.45: Flute solo—Mr. Chas. E. Gibbons, "Olivette" (Audran).
8.51: Mezzo-soprano solo—Miss Mollie Vickers, "Fierce Flames are Soaring" (Verdi).
8.55: Relay of orchestral music from the Empire Theatre.
9.5: Tenor solo—Mr. Dan Fogarty, "Because" (D'Hardelot).
9.8: Pianoforte solos—Miss Muriel Caddie, (a) "Sonata Op. 2, No. 2, second and third movements" (Beethoven); (b) "Coronach" (Barratt).
9.16: Soprano solos—Miss Edith Morrison, (a) "Snowflakes" (Mallinson); (b) "Tis the Day" (Leoncavallo).
9.22: Violin solo—Miss Eva Judd, "Canzonetta" (D'Ambrosio).
9.26: Humorous song—Mr. Percy James, "House Hunting" (Newman).
9.32: Flute solo—Mr. Chas. Gibbons, "Barber de Seville" (Rossini).
9.38: Mezzo-soprano solos—Miss Mollie Vickers, (a) "Sigh No More, Ladies" (Keel); (b) "Song of Thanksgiving" (Allitsen).
9.46: Relay of orchestral selections from the Empire Theatre.
10.0: God Save the King.

Sunday, March 25th

1YA AUCKLAND (333 METRES)—SUNDAY, MARCH 25.

- 3 p.m. Special afternoon musical service conducted by the International Bible Students' Association.
4.30: Close down.
6.0: Children's service conducted by Uncle Leo.
6.55: Relay of church service from St. James' Church. Preacher: Rev. E. R. Harries.
8.30: Relay of organ recital from Auckland Town Hall. Organist: Mr. Maughan Barnett.
9.30: A thought.
9.32: God Save the King.

2YA WELLINGTON (420 METRES)—SUNDAY, MARCH 25.

- 6 p.m.: Children's service conducted by Uncle Ernest.
6.55: Relay of evening service from St. Gerard's Redemptorist Church.
Organ solo—"Adagio First Sonata" (Mendelssohn).
Rosary—With choral responses.
Antiphon—"Ave Regina" (Witska).
Sermon—Rev. Father T. A. Campbell.
Motets—"Cor Jesu" (Schulther); "Immaculate" (Anon); "Ave Maria" (16th Century) (Arcadelt); Benediction.
Motets—"O Salutaris Hostia" (Mount); "Tantum Ergo" (Verdussen); "Adoremus" (Allegri).
Organ solo—"Postlude D Minor" (Hellier).
Conductor—Mr. Frank J. Oakes.
Organist—Mr. Henry Mount.
8.30: (Approx.)—Studio concert.
Vocal trio—Ariel Singers, "Serenade" (Moskowski).
Pianoforte solo—Mr. Gordon Short, "Slow Movement of Sonata in F Minor" (Brahms).
Soprano solo—Miss Jeanette Briggs, "Angels Ever Bright and Fair" (Handel).
Instrumental quartets—Symons-Ellwood String Quartet, (a) "Maori Lament" (Hill); (b) "Scherzo from D Major Quartet" (Tschai-kowsky).
Bass solo—Mr. J. M. Caldwell, "Pass, Everyman" (Sanderson)...
Vocal Duet—Misses J. Briggs and N. Coster, "Long Ago" (Birch).
Instrumental quartet—Symons-Ellwood String Quartet, "1st Movement F Major Quartet" (Beethoven).
Tenor solo—Mr. Roy Hill, "How Vain is Man," from "Judas Maccabaeus" (Handel).
Mezzo-contralto solo—Miss Ngaire Coster, "A Spirit Flower" (Tipton).
Instrumental Quartet—Symons-Ellwood String Quartet, "Song Without Words" (Mendelssohn).
Vocal quartet—Ariel Singers, "The Builder" (Cadman).

3YA CHRISTCHURCH (306 METRES)—SUNDAY, MARCH 25.

- 5.45 p.m.: Children's song service conducted by Uncle Sam, assisted by scholars from the Richmond Presbyterian Sunday School.
6.30: Relay of evening service from East Belt Wesley Church, Fitzgerald Avenue. Sunday School Anniversary. Preacher—Rev. W. Green-slade. Organist—Mr. L. Rickard. Choirmaster—Mr. W. Sherris.
8.0: The following concert programme will be given from 3YA studio after the service:
Recitative and baritone solo—Mr. J. Francis Jones, "Lord God of Abraham" from "Elijah" (Mendelssohn).
8.4: Contralto solo—Miss Edna Johnson, "In a Monastery Garden" (Ketelby).
8.7: Pianoforte solo—Mr. Fred Page, "Allegro from Viennese Carnival" (Schumann).
8.14: Tenor solo—Mr. W. Bradshaw, "Mountain Lovers" (Squire).
8.18: Mezzo-soprano solos—Mrs. Eleanore Prescott, (a) "By the Waters of Babylon" (Dvorak); (b) "Negro Spiritual—My Lord What a Mornin'" (Burleigh).
8.25: Flute solo—Mr. W. Hay, "Fantasia" (Powell).
8.30: Baritone solos—Mr. Francis Jones, (a) "Requiem" (Homer); (b) "Beloved! It is Morn" (Aylward).
8.37: Soprano solos—Miss Muriel Johns, (a) "God Touched the Rose" (Brown); (b) "Only the River Running By" (Hopkins).
8.43: Pianoforte solos—Mr. Frederick Page, (a) "Prelude in A Flat" (Chopin); (b) "Mazurka, No. 17" (Chopin).
8.48: Soprano and contralto duet—Misses Muriel Johns and Edna Johnson, "Sweet and Low" (Barnby).
8.51: Tenor solos—Mr. W. Bradshaw, (a) "The Trumpeter" (Dix); (b) "Absent" (Metcalfe).
8.58: Mezzo-soprano solo—Mrs. Eleanore Prescott, "Like as the Hart Desireth the Water Brooks" (Allitsen).
9.2: Flute solo—Mr. W. Hay, "Offertoire" (Donjon).
God Save the King.

4YA DUNEDIN (403 METRES)—SUNDAY, MARCH 25.

- 5.45 p.m.: Children's song service, conducted by Big Brother Bill, assisted by a choir of Children's voices.
7.0: Relay of evening service from Knox Church. Preacher—Rev. Tulloch Yuille, B.D., M.A. Organist—Mr. W. Paget Gale.
8.15: Band concert.
9.15: God Save the King.

The simplest, and what is said by American radio engineers to be the most efficient, method of controlling the volume of a radio receiver is accomplished by inserting an ordinary variable condenser in series with the aerial lead wires to the set. Maximum reading on the dial will give the greatest volume, and minimum the least. Such an arrangement does not change characteristics of the set, which would be apt to destroy the quality of reproduction.

It is estimated that throughout the world eighteen million radio sets are now in use, approximately seven million of which—or more than one-third—are in operation in the United States. The best estimates indicate that in 1927 the radio manufacturing industry did a total business in excess of 600,000,000 dollars (£12,000,000) approximately 20 per cent. more than last year. And broadcasting makes all this possible.