

# Programmes Continued

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- 8.45: Vocal trios—The Snappy Three, (a) "Baby Feet Go Patter, Patter"; (b) "Ain't She Sweet?" (c) piano selection.  
8.52: Tenor solo—Miss Birrell O'Malley, "La Donna e Mobile" ("Rigoletto"). (Verdi).  
8.56: Contralto solo—Miss Mina Caldwell, "Elegie" (Massenet).  
9.0: Evening forecast.  
9.2: Relay of orchestral interlude from Princess Theatre.  
9.17: Baritone solo—Mr. H. Barry Coney, "Alleluia" (O'Connor).  
9.21: Humorous sketch—The Griffiths Duo, "House Hunting."  
9.26: Violin—Miss Ina Bosworth, "Scherzo" (Dittenshoff-Kreisler).  
9.30: Soprano solo—Miss Christina Ormiston, "Love's a Merchant" (Sander-son).  
9.34: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio in D Major, Musette, Marset, Gavotte, Allegro" (Handel).  
9.44: Tenor solo—Mr. Birrell O'Malley, "Serenade" (Toselli).  
9.48: Contralto solo—Miss M. Caldwell, "Chant, Hindoo" (Bemberg).  
9.52: Vocal trios—The Snappy Three, (a) "In Shadowland"; (b) "Pretty Little Baby"; (c) piano, jazz selection.  
10.1: Vocal quartet—The Premiere Quartet, "Softly Falls the Shades" (Silas).  
10.5: A thought.  
10.7: God Save the King.

## 2YA WELLINGTON (420 METRES)—THURSDAY, JANUARY 26.

- 3 p.m.: Afternoon session—Selected Studio items.  
Chimes of the General Post Office clock, Wellington.  
3.1: Selected gramophone items.  
3.30: Available sports results.  
5.0: Close down.  
6.0: Children's hour—Uncle Sandy's hour. Gramophone selection. Birthday rhymes by Uncle Sandy. Entertainment for the kiddies, our old friends of the nursery visit 2YA, Wellington. Mother Hubbard and her train. Gramophone selection. Uncle Sandy, story time.  
7.0: News session, market reports, and sports results.  
8.0: Chimes of the General Post Office clock, Wellington.  
8.1: March—First Wellington Regiment Band, "The Boomerang" (White).  
8.5: Quartet—The Etude Quartet, "See Our Oars With Feathered Spray" (Stevenson).  
8.9: Waltz—First Wellington Regiment Band, "River of Pearls" (Rimmer).  
8.14: Contralto solo—Miss Rita Arnold, "Brown Eyes" (Del Riego).  
8.18: Selection—First Wellington Regiment Band, "The Bing Boys Are Here" (arr. Douglas).  
8.26: Vocal duet—Messrs. Frank Skinner and Ray Kemp, "Flow, Gently Deva" (Parry).  
8.30: Cornet solo—Bandsman W. Bark, "The Triplet" (Reynolds).  
8.35: Mezzo-soprano—Miss Freda Dencker, "Come, My Darling" (Wagner).  
8.40: Trombone solo—Bandsman W. J. Matson, "The Jigsaw" (Sutton).  
8.46: Quartet—The Etude Quartet, "Peacefully Slumbering" (Strace).  
8.50: Fox-trot—First Wellington Regiment Band, "Somebody's Lonely" (Gold).  
8.55: Soprano solo—Miss Gretta Stark, "Should He Upbraid?" (Bishop).  
9.0: Weather forecast.  
9.2: Lecturette—Representative Birds' Protection Society, "Native Birds."  
9.14: Baritone solo—Mr. Ray Kemp, "Don Juan's Serenade" (Tchaikowsky).  
9.18: Selection—First Wellington Regiment Band, "Bric-a-Brac" (Douglas).  
9.28: Vocal duet—Messrs. Gretta Stark and Rita Arnold, "Fairy Voices" (Dunn).  
9.33: Selection—First Wellington Regiment Band, "Drink to Me Only With Thine Eyes" (Hawkins).  
9.41: Tenor solo—Mr. Frank Skinner, "Hedgins and Ditchin'" (Martin).  
9.45: Mezzo-soprano solo—Miss Freda Dencker, "Faith in Spring" (Schubert).  
9.50: Quartet—The Etude Quartet, "Huntsmen's Chorus" from "Der Freischütz" (Weber).  
9.55: March—First Wellington Regiment Band, "Nutgrove" (Hart).  
10.0: God Save the King.

## 3YA CHRISTCHURCH (306 METRES)—THURSDAY, JANUARY 26.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.30: Close down.  
6.0: Children's hour—Chuckie.  
7.15: News and reports.  
7.30: Talk—Mr. R. E. Alexander, Lincoln College, "Factors Influencing the Stock-carrying Capacity of a Farm."  
8.0: Chimes. Relay of orchestral selections from Everybody's Picture Theatre Orchestra, under the direction of Mr. Albert Bidgood.  
Scottish concert by Madame Gower-Burns's Grand Operatic Quartet.  
8.15: Baritone solo—Mr. Bernard Rennell, "Scotland, My Ain" (Chuter).  
8.18: Soprano solo—Madame Gower-Burns, "The Blue Bells of Scotland" (arr. Brown).  
8.21: Humorous sketch—Miss Lucy Cowan and Mrs. H. McLeod, "Just Missed the Train" (Bell).  
8.26: Tenor solo—Mr. Harold Prescott, "Afton Water" (Hume).  
8.29: Instrumental trio—Christchurch Broadcasting Trio, "Andante Cantabile from C Major" (Mozart).  
8.39: Contralto solo—Miss Jessie King, "Doon the Burn, Davie, Love" (Hook).  
8.42: Vocal quartet—Madame Gower-Burns, Miss Jessie King, Messrs. H. Prescott and B. Rennell, "Ye Banks and Braes" (Scottish folk song, arr. Rimbault).  
8.45: Soprano solo—Madame Gower-Burns, "Loch Lomond" (Anon.).  
8.49: Pianoforte solo—Miss Lucy Fullwood, "In the Woods" (Heller).  
8.55: Baritone solo—Mr. Bernard Rennell, "Bonnie George Campbell" (Keel).  
8.59: Weather forecast.  
9.0: Relay of orchestral selections from Everybody's Theatre.  
9.15: Contralto solo—Miss Jessie King, "Cam Ye by Athol" (Gow).  
9.18: Tenor solo—Mr. Harold Prescott, "Jessie, the Flower of Dumblane" (Rimbault).  
9.21: Humorous sketch—Miss Lucy Cowan and Mrs. H. McLeod, "Oh, Christina" (Bell).  
9.26: Vocal duet (soprano and contralto)—Madame Gower-Burns and Miss Jessie King, "Row Weel, My Boatie, Row Weel" (Smith).  
9.28: Instrumental trios—Christchurch Broadcasting Trio, (a) "A Doubt" (Glinka); (b) "Czardas" (Delibes).  
9.38: Tenor solo—Mr. Harold Prescott, "Mary of Argyll" (Nelson).  
9.41: Soprano solo—Madame Gower-Burns, "Annie Laurie" (arr. Lehmann).

Sensibly used, a five valve receiving set will save its cost many times over by entertaining the family inexpensively and giving the youngsters better mental food that they are fed ordinarily in places of amusement. Games can be organised, based on distance covered and numbers of stations brought in by the different members. Evenings at home can be made as thrilling by such means as many of the outside attractions. A whole neighbourhood group may be held together and safely led through the perilous years of adolescence.

Very often a nut is removed from some terminal in a radio receiver for the insertion of an extra soldering lug or wire. The experimenter, suddenly possessed with all thumbs, is often aggravated by his inability to get the nut back on the screw. An extremely simple method of replacing the nut is to take a wooden pencil, which has the lead point broken, and forcing its pointed end into the nut so that it is securely held in place. By then placing the nut over the threaded portion of the terminal, it is a comparatively simple matter to revolve it a few turns, so that the threads will mesh. The use of a pair of pliers or a "spin tite" wrench will then tighten the nut so that a good contact is provided.

Dry-cell valves can be used in some positions in a set and the larger valves in other positions. Trying different valves in different positions is one of the favourite indoor sports of the experimenter. The new poor valves have opened new possibilities in both volume and clarity of reception. A dry-cell valve is excellent as a radio-frequency amplifier in a set with 6-volt valves.

The old practice of mounting most of the parts of a receiving set on the upright panel is disappearing. Now, as many parts as possible are placed on the base or sub-panel. The advantage is obvious. Parts that might be affected by the body capacity of the operator are farther from him. Heavy parts that once placed considerable strain upon the thin upright panel, because of the leverage that an unbalanced weight has on its point of support, now sit securely on a firm foundation. If a modern set should slip from the hands of a man who was placing it on a table, and fall a few inches, it probably would sustain little if any damage. A heavily loaded panel might be split by the same kind of mishap.

Considerable confusion often results in wiring a receiver from a blue print, due to the fact that difficulty is experienced in remembering just what circuits have been completed. If the home constructor will obtain a blue crayon and cross out those wires and connections which he has made, from the blue print, he will have an accurate check as to which wires and connections have been made. This method has its advantages and after having once been used, will be resorted to at all times.

A convenient method for connecting batteries to a receiver is in the use of a valve base from a burnt out valve and a standard valve socket. The glass portion of the tube is removed by heating the sealing compound and breaking the glass away. Four coloured wires are then soldered to the valve base prongs, sealing wax poured into the opening, and flushed off at the top of the base. The four wires are then cabled and connected to the "A" positive, "A" negative, "B" detector and "B" amplifier terminals of the batteries. A socket is then wired into the receiver, using the same polarity on the terminals as has been observed in the tube base and battery cable. This makes an extremely simple battery cable and in the event that more than four wires are necessary, it is possible to double the arrangement by using another tube base and socket for any extra connections. The jumper between the "A" and "B" batteries may be either connected internally or externally from the receiver.

Perhaps no safer, quieter or more satisfactory source of power is a good storage "A" battery, a storage "B" battery with enough cells to deliver ninety volts or more, and an efficient battery charger. A trickle charger will take care of a battery and keep it in first-class order. Some chargers will deliver either a trickle charge or a higher charge as may be desired.

The majority of loudspeaker cords have one of the wires equipped with a red tracer. The wire, thus marked should at all times be connected to the "B" positive of the loudspeaker output of the receiver unless an output transformer is used. Damage may result to the speaker if the "B" battery voltage is applied to the wrong terminal. A convenient method for testing whether or not the polarity is correct, is to connect the speaker to the output of the receiver and observe the quality and volume of reproduction. Then reverse the terminals and repeat. If the volume and reproduction is of a better order, it is safe to allow the connections to remain. If, on the other hand, a decided decrease in quality and volume is observed, reverse the terminals to their original polarity.

- 9.44: Vocal quartet—Madame Gower-Burns, Miss Jessie King, Messrs. Prescott and Rennell, "Wi' a Hundred Pipers" (West).  
9.48: Instrumental trio—Christchurch Broadcasting Trio, selected.  
9.58: Contralto solo—Miss Jessie King, "Leezie Lindsay" (Lees).  
10.1: Pianoforte solo—Miss Lucy Fullwood, "The Return," being the last or third movement of "Sonata, Opus 81" (Beehoven).  
10.6: Baritone solo—Mr. Bernard Rennell, selected.  
10.9: Vocal quartet—Madame Gower-Burns, Miss Jessie King, Messrs. H. Prescott and B. Rennell, "Auld Lang Syne" (Rimbault).  
God Save the King.

## 4YA DUNEDIN (463 METRES)—THURSDAY, JANUARY 26.

- 7 p.m.: Town Hall chimes.  
7.1: Request gramophone concert.  
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) "Invictus" (Huhn); (b) "Lighterman Tom" (Squire).  
8.18: Cello solo—Mr. Malcolm Robilliard, "Nocturne" (Chopin).  
8.23: Soprano solo—Miss Rita Holmes, "Go Down to Kew in Lilac Time" (Peel).  
8.27: Piano solo—Miss Alice Wilson, F.T.C.L., "Impromptu in B Flat" (Schubert).  
8.32: Baritone solos—Mr. F. M. Tuohy, (a) "Rest, Thee, Sad Heart" (Del Riego); (b) "Tired Hands" (Sanderson).  
8.39: Orchestral music, relayed from the Octagon Theatre.  
8.50: Address—Pastor W. D. More, selected.  
8.55: Contralto solo—Miss Winnie McPeak, "Little Red Dawn" (Chuter).  
9.9: Cello solo—Mr. Malcolm Robilliard, "Andantino" (Lemare).  
9.14: Bass solo—Mr. E. G. Bond, "Simon the Cellarer" (Ha'ton).  
9.18: Piano solo—Miss Alice Wilson, "Chanson Triste" (Tchaikowsky).  
9.23: Soprano solos—Miss Rita Holmes, (a) "Song of Sunshine" (Goring-Thomas); (b) "Spirit Flower" (Tipton).  
9.30: Orchestral musical relayed from the Octagon Theatre.  
9.40: Baritone solo—Mr. F. M. Tuohy, "So Fair a Flower" (Lohr).  
9.44: Cello solo—Mr. Malcolm Robilliard, "Aria" (Tengalia).  
9.49: Contralto solos—Miss Winnie McPeak, (a) "Big Brother Day" (Chuter). (b) "Twilight is a Maiden Fair" (Chuter).  
9.55: Piano solo—Miss Alice Wilson, "La Filcuse" (Roff).  
10.0: Close down.

## Friday, January 27th

### 1YA AUCKLAND (333 METRES)—FRIDAY, JANUARY 27.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.0: A literary selection, by Mr. Culford Bell.  
4.30: Close down.  
6.0: The children's hour, conducted by Nod.  
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 Strand Theatre—Eve Bentley conducting.  
8.16: Vocal quartet—The Waiata Quartet, "Cast Thy Burden" (Mendelssohn).  
8.20: Sketch—Miss Lynda Murphy, "Banana Oil."  
8.25: Tenor—Mr. Ernest Snell, "Tangi" (Hill).  
8.30: Flute solo—Mr. Hal McLennan, "Lucia Fantasia" (Kohler).  
8.35: Soprano solos—Miss Lola Solomon, (a) "Rose Softly Blooming" (Spohr); (b) "The Old Refrain" (arr. Kreisler).  
8.43: Baritone solo—Mr. Frank Sutherland, "Ever Bravest Heart" ("Faust"), (Gommod).  
8.48: Talk on "The Pronunciation of Maori Words and Maori Names," by Mr. J. F. Montague.  
9.3: Evening forecast.  
9.5: Relay of orchestral interlude from Strand Theatre.  
9.20: Tenor—Mr. Ernest Snell, "Black Roses" (Sibelius).  
9.24: Duet—Mrs. Cyril Towsey and Miss Lola Solomon, "Crucifix" (Lohr).  
9.29: Flute solo—Mr. Hal McLennan, "The Nightingale and the Frog" (Eilen-berg).  
9.34: Mezzo-soprano solo—Mrs. Cyril Towsey, "By the Sea" (Schubert).  
9.38: Sketches—Miss Lynda Murphy, (a) "Daddy and Baby"; (b) "Good Girl."  
9.46: Duet—Mrs. C. Towsey and Miss L. Solomon, "The Day is Done" (Lohr).  
9.51: Flute solo—Mr. H. McLennan, selected.  
9.55: Quartet—Waiata quartet, "When Evening's Twilight."  
10.0: A thought.  
10.2: God Save the King.

### 2YA WELLINGTON (420 METRES)—FRIDAY, JANUARY 27.

- 2.30 p.m.: Cricket resumes of Plunket Shield match—Wellington v. Auckland, on relay from Basin Reserve, Mr. A. Varney announcing. Interspersed with selected gramophone items and lecturette by Miss Christian, of Wellington Gas Company on "Gas Cooking."  
6.0: Children's hour—Uncle Ernest and party.  
7.0: News session, market reports, and sports results.  
8.0: Chimes of the General Post Office clock, Wellington.  
8.1: Overture—"Further Instrumental Selections from W. H. Squire's Popular Songs" (Squire).  
8.5: Vocal quartet—The William Renshaw Quartet, "Hail, Smiling Morn" (Spofforth).  
8.9: Humorous recital—Mr. Peter Dorrian, "The Widowed Earwig" (Thomas).  
9.15: Soprano solos—Mrs. Amy Dunn, (a) "Killarney" (Balfie); (b) "Dear Little Shamrock" (Jackson).  
9.22: Instrumental trio—Symons-Ellwood-Short Trio, "First Movement, C Major, Trio VI" (Mozart).  
9.32: Baritone solo—Mr. Wilbur Davies, "The Mountains of Mourne" (Collisson).  
9.36: Banjo trios—Mrs. Mildred Kenny and party, (a) "Old Comrades' March" (Teike); (b) "Comical Coons" (Grimshaw).  
9.44: Vocal quartet—The William Renshaw Quartet, "Eileen Alannah" (folk song).  
9.48: Violin solo—Miss Ava Symons, "Romance in G" (Beethoven).  
9.53: Tenor solo—Mr. William Renshaw, (a) "Maire, My Girl" (Aitken); (b) "Absent" (Metcalfe).  
9.0: Saxophone solo—Mr. E. J. Askenbeck, "Saxophone Scandals" (Dorn-berger).  
9.5: Weather forecast.  
9.7: Lecturette—Editor-Announcer, "Imperial Affairs."  
9.19: Instrumental trio—Symons-Ellwood Short Trio, "Finale, F Major Trio" (Saint-Saens).  
9.29: Contralto solos—Miss Nora Greene, (a) "Silent Vale" (Stephenson); (b) "Hills of Donegal" (Sanderson).  
9.35: Violin solo—Miss Ava Symons, "First Arabesque" (Debussy).  
9.40: Soprano solo—Mrs. Amy Dunn, "By the Waters of Minnetonka" (Licurance).  
9.44: Banjo trios—Mrs. Mildred Kenny and party, (a) "Norton's March" (Norton); (b) "I'm a Little Fond of You" (Caesar).  
9.50: Humorous recital—Mr. Peter Dorrian, "The Obstructive Hat" (Anon.).  
9.53: Baritone solo—Mr. Wilbur Davies, "Bryan of Glenaar" (Graham).  
9.56: Saxophone solo—Mr. E. J. Askenbeck, "Consolation."  
9.59: Vocal quartet—The William Renshaw Quartet, "Where my Caravan has Rested" (Lohr).  
God Save the King.

### 3YA CHRISTCHURCH (306 METRES)—FRIDAY, JANUARY 27.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.30: Close down.  
6.0: Children's hour—Peterkin. Bedtime stories, songs, and letters.  
7.15: News and reports.  
8.0: Chimes. Relay of orchestral selections from Crystal Palace Picture Theatre Orchestra, under the direction of Mr. A. J. Bunz.

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