

Programmes Continued

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- 9.12: Baritone solo—Mr. Clinton Williams, "The Cheery Philosopher" (Lidgley).
 9.16: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Ballet Music" from "Rosamunde" (Schubert).
 9.20: Soprano solos—Miss Christina Ormiston, (a) "Last Rose of Summer" from "Martha" (Flotow); (b) selected.
 9.27: Piano sketch and monologue—Mr. Curzon Rich, (a) "Singers and Songs" (Harris); (b) "Baby's Asleep" (M.S.).
 9.36: Tenor solo—Mr. B. O'Malley, "Flower Song" from "Carmen" (Bizet).
 9.40: Pianoforte solo—Mr. Cyril Towsey, "Impromptu in A Flat" (Schubert).
 9.44: Contralto solos—Miss M. Caldwell, (a) "Caro Mio Ben" (Gaivani); (b) "For a Dream's Sake" (Cowen).
 9.51: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio No. 3, Andante and Finale" (Reinecke).
 10.1: Vocal duos—The Bohemian Duo, selected.
 10.6: A thought.
 10.8: God Save the King.

2YA WELLINGTON (420 METRES)—THURSDAY, FEBRUARY 2.

- 3 p.m.: Afternoon session—Selected Studio items.
 Chimes of the General Post Office clock, Wellington.
 3.1: Selected gramophone items.
 5.0: Close down.
 6.0: Uncle Sandy and his famous birthday rhymes. Songs, jokes, stories, and music. A joyous hour from 2YA.
 7.0: News session, market reports, and sports results.
 8.0: Chimes of the General Post Office clock, Wellington.
 8.1: March—Wellington Municipal Tramways Band, "Action Front" (Blankenburg).
 8.6: Vocal quartet—The Clarian Quartet, "Winter Song" (Bullard).
 8.10: Overture—Wellington Municipal Tramways Band, "La Flandre" (Bouillon).
 8.17: Baritone solo—Mr. Len. Barnes, "She is Far from the Land" (Lambert).
 8.22: Suite—Wellington Municipal Tramways Band, "D'Apres Mille et une Nuits" (Korsakov).
 8.32: Tenor solo—Mr. Frank Skinner, "Mignon" (D'Hardelot).
 8.37: Waltz—Wellington Municipal Tramways Band, "Fair Rosamond" (Robinson).
 8.43: Vocal quartet—The Clarian Quartet, "Evening" (De Call).
 8.47: Selection—Wellington Municipal Tramways Band, "Opera Bouquet, No. 1" (Bidgood).
 8.55: Vocal duet—Messrs. Ray Kemp and Len. Barnes, "The Gendarmes" (Offenbach).
 8.59: Weather forecast.
 9.1: Lecture—Captain Hamilton Nimmo, chairman, New Zealand Deep Sea Angling Club, "Big Game Fishing in the Far North."
 9.17: Tenor solo—Mr. Arthur Coe, "The English Rose" (German).
 9.21: Descriptive march—Wellington Municipal Tramways Band, "Jamie's Patrol" (Dacre).
 9.27: Vocal quartet—The Clarian Quartet, "Little Billee" (Boughton).
 9.31: Minuet—Wellington Municipal Tramways Band, "Minuet in G" (Beethoven).
 9.36: Baritone solo—Mr. Ray Kemp, "My Song is of the Sturdy North" (German).
 9.40: Suite—Wellington Municipal Tramways Band, "1001 Nights" (Korsakov).
 9.50: Vocal quartet—The Clarian Quartet, "Who Sails With Drake?" (Candish).
 9.54: March—Wellington Municipal Tramways Band, "Boulder City" (Ord Hume).
 10.0: God Save the King.

3YA CHRISTCHURCH (306 METRES)—THURSDAY, FEBRUARY 2.

- 3 p.m.: Afternoon session—Selected Studio items.
 4.30: Close down.
 6.0: Children's hour—Chuckie and Aunt Pat. Bedtime stories, birthday greetings and songs.
 7.15: News and reports.
 7.30: Talk—Mr. R. J. G. Collins, of Christchurch Philatelic Society, "The Stamps of New Zealand."
 8.0: Chimes. Relay of orchestral selections from Everybody's Picture Theatre Orchestra, under the direction of Mr. Albert Bidgood.
 8.15: Contralto and tenor duet—Miss Jessie King and Mr. Harold Prescott, "On Wings of Music" (Mendelssohn).
 8.20: Baritone solo—Mr. Bernard Rennell, "Song of the Vagabond" (Vaughan-Williams).
 8.24: Pianoforte solo—Miss Lucy Fullwood, "Polonaise" (MacDowell).
 8.29: Soprano solo—Madame Gower-Burns, "Batti Batti" (Mozart).
 8.33: Instrumental trio—Christchurch Broadcasting Trio, "Adagio and Scherzando from Trio, Op. 181" (Gurlitt).
 8.41: Contralto solos—Miss Jessie King, (a) "The Praise of God" (Beethoven); (b) "To Music" (Schubert).
 8.47: Soprano and baritone duet—Madame Gower-Burns and Mr. Bernard Rennell, "Greeting" (Mendelssohn).
 8.51: Recital—Miss Naare Hooper, L.T.C.L., "Comedy and Tragedy" (Gilbert).
 8.56: Tenor solo—Mr. Harold Prescott, "Serenade" (Schubert).
 8.59: Weather forecast.
 9.0: Relay of orchestral selections from Everybody's Theatre.
 9.15: Soprano solo—Madame Gower-Burns, "Suleika's Second Song" (Schubert).
 9.18: Soprano and contralto duet—Madame Gower-Burns and Miss Jessie King, "The Tempting Flower" (Schumann).
 9.21: Tenor solos—Mr. Harold Prescott, (a) "Thou'rt Like a Lovely Flower" (Schumann); (b) "Sunday" (Brahms).
 9.25: Pianoforte solos—Miss Lucy Fullwood, (a) "Idyll" (Sibelius); (b) "Santasiestucke" ("Hunting Song"), (Garde).
 9.31: Baritone solo—Mr. Bernard Rennell, "I Will Not Grieve" (Schumann).
 9.34: Contralto solos—Miss Jessie King, (a) "Devotion" (Schumann); (b) "The Green Hat" (Schumann).
 9.38: Instrumental trio—Christchurch Broadcasting Trio, (a) "Minuet in G" (Beethoven); (b) "Grave" (Henriques); (c) "Scherzo" (Schubert).

Recently 5CL, Adelaide, broadcast sounds from several different parts of the city. The first broadcast took place from the City Market, in New Adelaide. Mr. W. C. Smallcombe, well known to listeners as Uncle Radio, first of all described the market, after which the various vendors' cries were heard. A relay was later carried out from both Rundle and King William Streets, where the noises of the busy Friday night traffic were plainly heard. Much fun was caused when Uncle Radio asked an Italian vendor of statues to describe one of the statues he had for sale. When asked what one statue represented, the Italian answered in broken English, "Twenty-two and seex!"

The finest and most reliable radio sets in the world are being retailed in New Zealand, and as a rule they are sold in the Dominion with a full guarantee that they will operate efficiently. If they fail to perform satisfactorily, free service is given until they conform with the guarantee. It is, therefore, unwise of a private buyer to attempt to import his own set, in view of the risk of delay in delivery, extra cost for service if the set fails to operate successfully, and the failure of much-boomed sets to come up to expectations when tried out under New Zealand conditions.

One of the most interesting results of an analysis of British broadcast programmes is that it has shown that the amount of time spent in broadcasting talks amounts to 20.83 per cent. of the total time the stations are working. Music occupies 62.2 per cent. of the total time, drama 1.6 per cent., special features, such as the "stunts" undertaken from time to time 1.67 per cent., religious services 4.18 per cent., the children's hour 7.4 per cent., and miscellaneous items 2.06 per cent. of the time. The time spent in broadcasting classical music represents 10.02 per cent. of the total transmission time. Light orchestral music and comic opera occupies 11.83 per cent., popular music 26.53 per cent., dance music 12.5 per cent., and gramophone music 1.27 per cent. of the time. Of the total time devoted to talks, news bulletins occupy about one-quarter, and practically the whole of the remainder is given to the broadcasting of educational talks.

From the biting cold of a typical winter Christmas Eve in London the chimes of Big Ben were waited over the ether to the congenial heat of an Australian summer night when the special Christmas Eve programme transmitted by the British Station 5SW Chelmsford, was picked up and rebroadcast by the big Australian Station 8LO Melbourne. Although Christmas carols were not, unfortunately, included in the programme, the other items were clearly heard, whilst the striking of the hour of 4 o'clock by Big Ben as rebroadcast by 8LO Melbourne, was heard throughout Australia, New Zealand, and the South Seas just as distinctly as the familiar sound could be heard in London. Listeners did not mind sitting up until 2 a.m. Christmas morning in Australia to hear Big Ben strike 4 p.m. on Christmas Eve in London.

Although the majority of factory-made portable sets are expensive and fairly elaborate, mainly because they are intended for use without an aerial, an efficient camping-out or seaside "bach" outfit can generally be improvised from one's own receiver. There is very little difficulty in providing an aerial when one is camping, or staying at a holiday house. Two trees, or fairly long props can easily be used to support a single wire, about 100ft. in length, and a piece of wire lying in a creek, an iron rod driven into the ground, a wire fence, or even a wire lying along the ground under the aerial will give good service as "an earth." A coil of about 200ft. of No. 14 gauge wire will provide ample material for making the aerial and earth equipment for the receiver.

The three stages of amplification can seldom be used after the two transformer coupled stages as the result would be distorted signals without an appreciable increase in volume. If you are desirous of obtaining greater volume from your set, use a three-stage resistance amplifier after the first transformer coupled stage in the receiver. The stages should be equipped with valves having suitable characteristics to render their efficient operation in the various positions. The last stage should be equipped with a suitable power valve, which will require a very high plate potential before maximum amplification can be obtained, and correct grid-bias.

The inventor of the neutrodyne receiving circuit does not advocate the use of regeneration in this circuit. Capacity reaction, however, can be added. A condenser of 0.00035 mfd. will tune the reaction coil, which is one of approximately 30 turns and placed at a distance of about one inch from the grid end of the second neutrodyne. The distance between the base of each neutrodyne should be no less than 6in. apart. The "A" battery can be connected either way. The filament ballasts and rheostats are usually connected in the filament negative lead. In any case it is advisable to control the temperature of the detector valve with a rheostat, as there is a certain amount of feedback.

- 9.42: Tenor solo and vocal quartet—Mr. Harold Prescott, Madame Gower-Burns, Miss Jessie King and Mr. Bernard Rennell (bass), "Haste, Thee, Nymph" (Handel).
 9.46: Recitals—Miss Naare Hooper, L.T.C.L., (a) "Song of the Trees" (Colborne-Veel); (b) "Grave-diggers' Scene" from "Hamlet" (Shakespeare).
 9.54: Vocal quartet—Madame Gower-Burns, Miss Jessie King, Messrs. H. Prescott and B. Rennell, "Departure" (Mendelssohn).
 God Save the King.

4YA DUNEDIN (463 METRES)—THURSDAY, FEBRUARY 2.

- 7 p.m. Town Hall chimes.
 7.1: Request gramophone concert.
 7.30: News session.
 8.0: Town Hall chimes.
 8.1: Relay of light orchestral music, from the Octagon Theatre Orchestra, under the direction of Mr. L. D. Austin.
 8.11: Baritone solo—Mr. F. M. Tuohy, "Ave Maria" (Kahn).
 8.15: Piano solo—Miss Alice Wilson, F.T.C.L., "First Movement, Sonata, Op. 31" (Beethoven).
 8.21: Contralto solos—Miss Winnie McPeak, (a) "I Heard You Singing" (Coates); (b) "O, Lovely Night," with 'cello obbligato (Coates).
 8.27: 'Cello solo—Mr. Malcolm Robilliard, "Chanson Triste" (Tschalkowsky).
 8.32: Bass solo—Mr. E. G. Bond, "Up from Somerset" (Sanderson).
 8.36: Orchestral music, relayed from Octagon Theatre.
 8.46: Soprano solo—Miss Rita Holmes, "My Dreamland Rose" (Phillips).
 8.50: Humorous address—Pastor W. D. More.
 9.5: Pianoforte solo—Miss Alice Wilson, "Valse No. 1 in E Flat Major" (Chopin).
 9.10: Baritone solos—Mr. F. M. Tuohy, (a) "The Banjo Song"; (b) "Mine Enemy."
 9.16: 'Cello solo—Mr. Malcolm Robilliard, "O, Star of Eve" from "Tannhauser" (Wagner).
 9.21: Soprano solos—Miss Rita Holmes, (a) "Serenade" (Gounod); (b) "Sing, Sing, Blackbird" (Phillips).
 9.27: Pianoforte solo—Miss Alice Wilson, "Waltz" (Friedman-Carter).
 9.32: Bass solos—Mr. E. G. Bond, (a) "The Fishermen of England" (Phillips); (b) "Yeoman's Wedding Song" (Poniatowski).
 9.39: 'Cello solo—Mr. Malcolm Robilliard, "Intermezzo" from "Cavalleria Rusticana" (Mascagni).
 9.42: Contralto solo—Miss Winnie McPeak, "Homing" (Del Rio).
 9.46: Relay of orchestral selections from the Octagon Theatre.
 10.0: God Save the King.

Friday, February 3rd

1YA AUCKLAND (333 METRES)—FRIDAY, FEBRUARY 3.

- 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—Nod. Bedtime stories, songs, letters, and birthdays. Mr. Faigan will give a talk on literature.
 7.15: Talk on "Motoring," by Mr. Geo. Campbell.
 7.30: News and reports.
 8.0: Chimes.
 8.1: Relay of orchestral overture from Princess Theatre Orchestra, under the direction of Mr. Howard Moody.
 8.16: Vocal quartet—The Waiata Quartet, "Carry Me Back to Old Virginia" (Bland).
 8.20: Cornet solo—Mr. Fred. Bowes, "Zelda" (Code).
 8.25: Baritone solo—Mr. Dudley Wrathall, "Harlequin" (Sanderson).
 8.30: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio No. 7, Allegro Moderato" (Haydn).
 8.40: Mezzo-soprano solo—Mrs. Cyril Towsey, "Elegie" (Massenet), with violin obbligato, by Miss Lalla Hemus.
 8.44: One-act play—Miss Lynda Murphy and Mr. J. F. Montague, "A Change of Mind."
 8.54: Tenor solo—Mr. James Simpson, "Where'er You Walk" (Handel).
 8.58: Weather forecast.
 9.0: Relay of orchestral selections from Princess Theatre.
 9.5: Soprano solo—Miss Lola Solomon, selected.
 9.9: Humorous recital—Miss Lynda Murphy, musical sketches.
 9.14: Instrumental trio—The Bosworth-Hemus-Towsey Trio, (a) "Children's Song" (Hollander); (b) "Rigaudon" (Raff).
 9.22: Baritone solo—Mr. Dudley Wrathall, "If You Would Love Me" (McDermid).
 9.26: Cornet solos—Mr. F. Bowes, (a) "Dream of Love" (Millar); (b) "The Lost Chord" (Sullivan).
 9.32: Vocal duet—Miss Lola Solomon and Mrs. Cyril Towsey, "Quis est Homo" (Rossini).
 9.36: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio No. 7, Andante and Rondo Presto" (Haydn).
 9.46: Recital—Mr. J. F. Montague, (a) "The Soldier's Cards"; (b) "Not Understood" (Bracken).
 9.52: Tenor solo—Mr. J. Simpson, "A Memory" (Park).
 9.55: Mezzo-soprano solo—Mrs. Cyril Towsey, "When All Was Young" from "Faust" (Gounod), with 'cello obbligato by Miss Lalla Hemus.
 9.59: 'Cello solo—Miss Lalla Hemus, selected.
 10.3: Vocal quartet—Waiata Quartet, "The Long Day Closes."
 10.7: A thought.
 10.9: God Save the King.

2YA WELLINGTON (420 METRES)—FRIDAY, FEBRUARY 3.

- 3 p.m.: Afternoon session—Selected Studio items.
 Chimes of the General Post Office clock, Wellington.
 3.1: Selected gramophone items.
 3.30: Lecture—Miss Christian, of the Wellington Gas Company, "Gas Cooking."
 3.45: Selected gramophone items.
 5.0: Close down.
 6.0: Children's hour—Uncle Ernest, assisted by a merry party of youngsters. Humorous sketches, songs, birthday greetings, novelties for young and old.
 7.0: News session, market reports, and sports results.
 7.40: Lecture—Mr. D. G. Paris, "Athletics."
 8.0: Chimes of the General Post Office clock, Wellington.
 8.1: Overture—Further selections from "The Rose" (arr. Myddleton).
 8.5: Vocal quartet—Ariel Singers, "The Cruisken Lawn" (Irish air—Bantock).
 8.9: Recital—Mr. Eric North, "In Praise of the Horse" (Caine).
 8.15: Soprano solos—Miss Jeanette Briggs, (a) "Blackbird's Song" (Scott); (b) "The Robin" (White).
 8.20: Instrumental trio—Symons-Ellwood-Short Trio, "Allegro and Andante from D Minor Trio" (Reissiger).
 8.32: Duet—Miss N. Coster and Mr. Roy Hill, "Home to Our Mountains" from "Il Trovatore" (Verdi).
 8.37: Fifteen-minute entertainment—Mr. and Mrs. J. William Bailey, vocal, "Sing, Sing, Blackbird" (Phillips). Some humour, Mr. J. W. Bailey. Child impersonations, Mrs. J. W. Bailey, (a) "Go Away, Crocodile"; (b) "Naughty Words."
 8.52: Pianoforte solo—Mr. Gordon Short, "Polonaise in E" (Liszt).
 8.56: Trio and humorous quartet—The Ariel Singers, (a) "Serenade" (Moscowski); (b) "Pickled Pork" (Aylward).
 9.1: Weather forecast.
 9.2: Lecture—Editor-Announcer, "Imperial Affairs."
 9.14: Tenor solo—Mr. Roy Hill, "The Roadside Fire" from "Song of Travel" (Williams).
 9.18: Instrumental trio—Symons-Ellwood-Short Trio, "Capriccio and Finale from D Minor Trio" (Reissiger).
 9.26: Vocal duet—Misses J. Briggs and N. Coster, "Morning" (Lane).
 9.30: Humorous recitals—Mr. Eric North, (a) "A Lament" (Gordon); (b) "The Ballad of the Early Worm" from "Punch."
 9.37: Bass solo—Mr. J. M. Caldwell, "A Rollicking Rolling Stone" (Fishery).
 9.40: Mezzo-contralto solo—Miss N. Coster, "The Little Damozel" (Novello).

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