

# Programmes Continued

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- 9.23: Humorous chorus—Edgeware Concert Company, "Mary Had a Little Lamb," "Mother Hubbard."  
9.30: Vocal solo—Ellis Fraser, selected.  
9.33: Instrumental trios—Christchurch Broadcasting Trio, (a) "Serenade" (Lange-Muller); (b) "Dreaming" (Schumann); (c) "Entr'acte and Valse" from "Coppelia Ballet Music" (Delibes).  
9.44: Vocal solo—Miss Elsie Burson, "She Sang Aloha to Me" (with steel guitar accompaniment).  
9.47: Part-song—Edgeware Concert Company, with steel guitars, "Hawaiian Part-Song."  
9.50: Vocal duet—Misses Daphne Lawrence and Hilda Smith, "I Wish I Were a Tiny Bird."  
9.53: Monologue—Miss Esme Evans, "Playtime."  
9.56: Humorous recital—Miss May Ternberth, "Terrible Tommy."  
10.0: Vocal solo—Miss Esme Evans, "Kreisler's Cradle Song."  
10.4: Vocal duet and chorus—Ellis Fraser and Esme Evans (with xylophone accompaniment), "Tell All the World."  
10.8: Vocal solo—Miss Marion Evans, "Youth and Spring."  
10.11: Vocal duet—Misses Rose Smith and Kathleen Robertson, "Good Night, Pretty Stars."  
10.13: Soprano solo—Miss Daphne Lawrence, "Wings."  
10.16: Final chorus—Edgeware Concert Company, "Ghosts of Little White Roses."  
Close down.

4YA DUNEDIN (465 METRES)—WEDNESDAY, NOVEMBER 23.  
SILENT DAY.

## Thursday, November 24th

1YA AUCKLAND (333 METRES)—THURSDAY, NOVEMBER 24.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.0: A literary selection, by Mr. Culford Bell.  
4.30: Close down.  
6.0: Children's hour.  
7.0: Close down.  
7.15: News and reports.  
7.45: Close down.  
8.0: Chimes.  
8.1: Boy soprano—Master David Campbell, (a) "Someone's Singing in My Gardens"; (b) selected.  
8.9: Bass solo—Mr. Arthur College, "Up From Somerset" (Sanderson).  
8.13: Cello solos—Miss Marjorie Tiarks, (a) "Le Cygne" (Saint-Saens); (b) "An Old Italian Love Song" (Squire).  
8.21: Soprano solo—Miss Adelaide Taylor, "Sing, Happy Hearts, Sing" (Wood).  
8.25: Pianoforte solo—Mrs. Hugh Morton, "Fox-trot Selections."  
8.30: Relay of orchestral overture from Rialto Theatre Orchestra, under the direction of Mr. Henry C. Engel.  
8.40: Elocutionary—Mr. Thomas Harris, (a) "The Safety-pin"; (b) "Silly Ass."  
8.48: Cornet solos—Mr. Eustace Tregilgas, (a) "Click-Clack Polka" (Rimmer); (b) "Beneath Thy Window" (Di Capua).  
8.56: Boy soprano—Master D. Campbell, "Believe Me If All Those Endearing Young Charms" (Allan).  
9.0: Weather forecast.  
9.1: Bass solos—Mr. A. College, (a) "A Vagabond" (Cendell); (b) "Glorious Devon" (German).  
9.9: Talk on "Great Authors," by Mr. Culford Bell.  
9.24: Relay of orchestral interlude from Rialto Theatre.  
9.30: Soprano solos—Miss A. Taylor, (a) "The Dancing Lesson" (Oliver); (b) "Dawn, Gentle Flower" (Bennett).  
9.37: Cello solo—Miss M. Tiarks, "Prelude" (Rachmaninoff).  
9.41: Pianoforte solos—Mrs. H. Morton, (a) "Hexantanz" (McDowell); (b) "Jazz Medley."  
9.48: Elocutionary—Mr. T. Harris, "The Old Bachelor."  
9.51: Relay of musical entr'acte from Rialto Theatre.  
9.57: Cornet solo—Mr. E. Tregilgas, Fantasia, "I Dreamt I Dwelt in Marble Halls."  
10.1: A thought.  
10.2: God Save the King.

2YA WELLINGTON (420 METRES)—THURSDAY, NOVEMBER 27.

- 3 p.m.: Chimes of the General Post Office clock, Wellington.  
3.1: Selected gramophone items.  
3.30: Lecturette—Representative of D.I.C., Ltd., "Fashions."  
3.45: Available sports results.  
3.47: Selected gramophone items.  
4.15: Relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.  
4.30: Selected gramophone items.  
5.0: Close down.  
6.0: Children's hour—Uncle Sandy and cousins from Chilton House School—Vocal, cousins, "Waltz Song" (Gasti); vocal, cousins, "Love Me, I Love You" (Swinsliad); piano, cousin, "Capriccio" (Scarletti). Uncle Sandy, birthday greetings. Vocal, cousins, "Frere Jacques" (Old French); vocal, cousins, "Ave Mes Sabots" (Tiersot); recitation, cousin, "The Gift of Triteimus" (Whittier); vocal, cousin, "The River" (Sullivan). Uncle Sandy, story time. Piano, Cousin Thelma, selected. Vocal, cousins, "The Bumble Bee" (Medley); vocal, cousins, "The White Paternoster" (Davies). Lecturette, Captain Duffy, "Health"; recitation, cousin, "The Pipes of Pan" (E. B. Browning); piano, cousin, "Hungarian Rhapsody" (Liszt).

The Japanese are largely crystal set users. There are about 380,000 broadcast listeners in Japan, and the majority live within a 25-mile circle of the various broadcast stations. The erection of more powerful transmitters now in progress is to bring broadcasting to a greater number who cannot afford valve sets.

Mr. Leslie B. Page, formerly station director of the Hull broadcasting station, who has taken up his duties as the Bombay station director of the Indian Broadcasting Company, said, in an interview to an Indian Press correspondent: "If India is anything like Britain, then I think light entertainment must be our first objective. Personally, I am not an advocate of education by radio."

What does a neutralising condenser accomplish? It is a variable condenser of small capacity used in radio frequency circuits to neutralise the internal capacity existing between the plate and grid elements of a valve. This condenser is an essential feature of the neutrodyne and Browning-Drake circuits. The latter is really a variation of the neutrodyne circuit.

Reaction or regeneration, when properly controlled, amplifies incoming signals many times, and the best results may be obtained by bringing the regenerator control up to a point just before oscillation starts. Oscillation, which causes a valve to howl, may be recognised by a peculiar continuous mushy sound in the telephones or loudspeaker. Too much reaction also causes a whistling. If oscillation commences or ceases with a "plop" the "B" battery voltage on the detector valve should be reduced.



—Steffano Webb, photo.

### MR. E. O'CONNOR, OF 3YA.

It is not very long since Mr. O'Connor sang his first comic song at 3YA, but he is now a frequent contributor to Saturday night pro-

Some of the Australian companies have been endeavouring to establish relay stations for over a year, but they are held up by the Commonwealth Postal Department, firstly in the apparently unavoidable delay that must result in constructing the lines, and secondly in determining the location of the stations. 3LO Melbourne has been trying for about 18 months to establish four or five stations in Victoria, but for various reasons beyond their control, mainly those already indicated, the very much desired improvement of the service for country listeners cannot be given.

Never turn on the filament current of your valves more than is absolutely necessary or the lives of your valves will be shortened. Turn the rheostat until the best results are obtained and then stop if you find that turning the rheostat further makes no improvement. 3LO Melbourne is a sort of bureau for all kinds of inquiries and some very extraordinary requests are received from time to time. Recently a neat packet arrived by mail, and upon being opened it was found to contain a dead sea bird of some rare species hitherto unseen on the Australian coasts. It was sent to 3LO Melbourne for identification, and a place has been found for it in the National Museum.

In building your own receiving set, there is perhaps no merit, other than rigidity, in using heavy-gauge wire in connecting a radio set. All wires carrying plate and filament currents should be kept well apart and should be well insulated. "Spaghetti" insulation is good and often saves tubes from burning out as a result of an accidental short circuit. Neat, right-angle bends in the wiring greatly enhance the appearance of a completed receiver; these are easily made even with comparatively heavy wire if a pair of round-nose pliers is used. The wire is held in its approximate location and is bent while in position, thus saving much time.

To combat the local howling valve nuisance, a Gordon Hill (England) resident has offered through the medium of his local newspaper to give his services free in the interests of his long-suffering neighbourhood. He states that he is most willing to visit anyone within a reasonable distance and (1) tell them if their set is causing interference; (2) tell them how to prevent it and at the same time get better reception for themselves.

- 7.0: News session, market reports, and sports results.  
7.40: Lecturette, Mr. W. King, D.E.B.A., "Esperanto."  
8.0: Chime of the General Post Office clock, Wellington.  
8.1: Overture—Wellington Artillery Band, "Victoria Cross" (Greenwood).  
8.6: Quartet—Apollo Quartet, "O, Lovely Night" (Chwatah).  
8.10: March—Wellington Artillery Band, "Boots and Saddles" (Brown).  
8.16: Baritone—Mr. Roy Dellow, "King Charles" (White).  
8.20: Gavotte—Wellington Artillery Band, "Loving Hearts" (Beyer).  
8.27: Duet—Messrs. Rodger and Duncan, "The Moon Hath Raised" (Benedict).  
8.32: Fantasia—Wellington Artillery Band, "Minstrel Melodies" (Bourne).  
8.40: Quartet—Apollo Quartet, "Soldier's Farewell" (Kintel).  
8.44: Waltz—Wellington Artillery Band, "Summer Glory" (Greenwood).  
8.50: Tenor—Mr. Sam. Duncan, "Angels Guard Thee" (Godard).  
8.54: Flower Song—Wellington Artillery Band, "Love and Roses" (Danizet).  
9.0: Weather report.

9.1: Lecturette—Mr. Arch. Sando, manager, "The Dominion," "The Romance of the Press."

- 9.16: Selection—Wellington Artillery Band, "La Sonnambula" (Bellini).  
9.26: Quartet—Apollo Quartet, "In Absence" (Buck).  
9.30: Idyll—Wellington Artillery Band, "In Love's Garden" (Danizet).  
9.35: Duet—Messrs. Dillon and Robbins, "The Battle Eve" (Bonheur).  
9.40: Cornet duo—Bandmen, "Jollification" (Anderson).  
9.46: Bass—Mr. S. E. Rodger, "Little Irish Girl" (Lohr).  
9.51: Quartet—Apollo Quartet, "The Goslings" (Lohr).  
9.55: American march—Wellington Artillery Band, "Sambo's Wedding" (Edcn).

3YA CHRISTCHURCH (306 METRES)—THURSDAY, NOVEMBER 24.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.30: Close down.  
6.0: Children's hour—Chuckie and Chook.  
7.0: Close down.  
7.15: News and reports.  
7.30: Talk—Mr. L. E. Vernazoni (Philatelic Society).  
8.0: Chimes. Relay of orchestral selections from Everybody's Theatre Orchestra, under the direction of Mr. Albert Bidgood.  
8.15: Soprano solo—Miss Frances Hamerton, "There Are Fairies" (Lehmann).  
8.21: An interlude on the piano—Miss Aileen Warren, "In a Woodland Glen" (from "Scottish Tone Poems"), (Barrett).  
8.25: Vocal duet (tenor and bass)—Messrs. Gregory Russell and T. D. Williams, "Army and Navy" (Cooke).  
8.29: Instrumental trio—Christchurch Broadcasting Trio, "Romance" (Mozart).  
8.35: Tenor solo—Mr. Gregory Russell, "All Hail, Thou Dwelling" from "Faust" (Gounod).  
8.39: Vocal quartet—Misses Hamerton and Renaut and Messrs. Russell and Williams, "A Spring Song" (Pinsuti).  
8.45: Instrumental trio—Christchurch Broadcasting Trio, "Entr'acte" from "Cavalleria Rusticana" (Mascagni).  
8.50: Humorous recital—Miss Lucy Cowan, (a) "It May Be Life" (Herbert); (b) "Cuttin' Rushes" (Lucas).  
8.56: Bass solo—Mr. T. D. Williams, "The Raft" (Pinsuti).  
9.0: Relay of orchestral selections from Everybody's Theatre.  
9.15: Contralto solo—Miss Belle Renaut, "O, Star of Eve" from "Tannhauser" (Wagner).  
9.19: Vocal quartet—Misses Hamerton and Renaut and Messrs. Russell and Williams, "Dreaming" (Schumann).  
9.22: Instrumental trios—Christchurch Broadcasting Trio, (a) "Andante Quasi Allegretto" (Reissiger); (b) "Capriccio" from "D Major Trio."  
9.25: Tenor solo—Mr. Gregory Russell, "Thine Only" (Bohm).  
9.29: Further moments at the piano—Miss Aileen Warren, "Harlequin" (Chaminade).  
9.33: Soprano solo—Miss Frances Hamerton, "Skylark and Nightingale" (Ireland).  
9.36: Instrumental trios—Christchurch Broadcasting Trio, (a) selected; (b) "Festival Dance" ("Coppelia Ballet Music") (Delibes).  
9.46: Bass solo—Mr. T. D. Williams, "A Soldier's Song" (Mascheroni).  
9.51: Recital—Miss Lucy Cowan, "Maoriland" (Adams).  
9.55: Tenor solo and chorus—Mr. Sumner and chorus (Misses Hamerton, Renaut, Messrs. Russell and Williams), "Sing Us a Song" (German).  
10.0: Contralto solo—Miss Belle Renaut, "Beautiful Beatrice" (Mallinson).  
Close down.

4YA DUNEDIN (463 METRES)—THURSDAY, NOVEMBER 24.

- 7 p.m.: Town Hall chimes.  
7.1: Request gramophone concert.  
8.0: Relay from His Majesty's Theatre, concert by Returned Soldiers' Choir.

## Friday, November 25th

1YA AUCKLAND (333 METRES)—FRIDAY, NOVEMBER 25.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.0: A literary selection, by Mr. Culford Bell.  
4.30: Close down.  
6.0: Children's hour—"Nod."  
7.0: Close down.  
7.15: News and reports.  
7.45: Close down.  
8.0: Chimes.  
8.1: Tenor solos—Mr. Robert Peter, (a) "The Woodland Flower" (Thomas); "Heart o' Fire, Love" (Fraser).  
8.9: Cornet duo—Messrs. Salthouse and Davies, "Birds in the Forest."  
8.13: Mezzo-soprano solo—Mrs. B. Jellard, "My Ships" (Barrett).  
8.17: Organ—Mr. Arthur E. Wilson and assisting vocalist, organ recital and vocal selections.  
9.17: Weather forecast.  
9.18: Relay of orchestral interlude from Majestic Theatre Orchestra, under the direction of Mr. J. Whiteford-Waugh.  
9.28: Tenor solo—Mr. R. Peter, "Cloths of Heaven" (Dunhill).  
9.32: Violin solo—Mr. Norman Watson, "Melody in F" (Lawrence).  
9.36: Cornet duos—Messrs. Davies and Salthouse, (a) "Barcarolle" (Offenbach); (b) "O, Lovely Night" (Cooke).  
9.44: Mezzo-soprano solos—Mrs. B. Jellard, (a) "The Meeting of the Waters" (Allan); (b) "The String of Pearls" (Phillips).  
9.52: Violin solos—Mr. N. Watson, (a) "Madrigal" (Simonette); (b) "Midnight Bells" (Kreisler).  
10.0: A thought.  
10.1: Close down.

2YA WELLINGTON (420 METRES)—FRIDAY, NOVEMBER 25.

- 3 p.m.: Afternoon session—Selected Studio items.  
3.30: Lecturette—Miss Marion Christian, "Gas Cooking."  
3.45: Available sports results.  
3.47: Relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.  
4.15: Selected gramophone items.  
5.0: Close down.  
6.0: Children's hour—Uncle Ernest and school cousins. Chorus, school cousins, "Frisco Bay" (arr. Sharp). Uncle Ernest, birthdays. Solo, cousin, "Carion Crow" (folk song), Round. Cousins, "Glide Along" (folk song). Recitation, cousin, "Granny" (Hoatson). Chorus, school cousins, "Down in the Cornfields" (Sharp). Uncle Ernest, story time. Part-song, cousins, "Sweet and Low" (Barnby). Song in unison, cousins, "Market Square" (Simpson).  
7.0: News sessions, market reports, and sporting results.

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