

7.15: News session.  
8.0: Chimes.

**"VAUDEVILLE."**

Special engagement of The Revellers Concert Party in  
HUMOUR AND SONG.

**4YA, DUNEDIN (463 METRES)—SATURDAY, DECEMBER 22.**

7.15: News session.  
8.0: Town Hall chimes.  
8.1: Relay of orchestral music from the Octagon Theatre Orchestra under the direction of Monsieur Henri De Rose.  
8.11: Humorous songs—Mr. Norman Scurr, (a) "Our Little Garden Subbub" (Lee); (b) "I Had a Little Drop With Martha" (Moore).  
8.18: Hawaiian selection—Queenie and David Kaili, "Fijian Farewell" (Mertort).  
8.22: Popular song hits—Miss Betty Roberts, "Where the Sun is Ever Shining" (Elliott).  
8.26: Humorous sketch—Miss Sheila Neilson and Mr. J. B. McConnell.  
8.36: Humorous Scottish song—Mr. Buster Brown, "Breakfast in My Bed" (Lauder).  
8.40: Relay of orchestral overture from Octagon Theatre.  
8.55: Popular songs—Miss Frances Charnerm (a) "Sing Song Sycamore Tree" (Wood); (b) "Just a Cottage Small" (Hanley).  
9.2: Weather forecast.  
9.5: Waltz—Dajos Dance Orchestra, "The Swallows" (Strauss) (Parlophone Record A4010).  
Cinema organ solo—Eddie Horton, "The Adorable Outcast" (Hayes) (Parlophone Record A2557).  
9.13: Humorous song—Mr. Norman Scurr, "Let's Have a Song About Rhubub."  
9.17: Hawaiian selection—Queenie and David Kaili, "Hawaiian Love Song" (Parlophone Record A2507).  
9.21: Popular song hits—Miss Betty Roberts, (a) "Blue Room" Rodgers; (b) "Love, Goodbye" (Lehar).  
9.23: Humorous sketch—Miss Sheila Neilson and Mr. J. B. McConnell.  
9.38: Humorous Scottish songs—Mr. Buster Brown, (a) "Bonnie Maggie Tamson" (Lauder); (b) "I'm the Man They Left Behind" (Lauder).  
9.46: Bell solo—Billy Whitlock, "The Joker" (Whitlock) (Parlophone Record A2503).  
Xylophone novelty—Rudy Star Three, "Polly" (Zamecnik) (Parlophone Record A2548).  
9.54: Popular waltz song—Miss Frances Charmer, "Charmaine" (Pollock).  
9.57: March—U.S. Navy Band, "All Hands" (Benter) (Zonophone Record EE105).  
10.2: Close down.

**Sunday, December 23****1YA, AUCKLAND (333 METRES)—SUNDAY, DECEMBER 23.**

3 p.m.: Afternoon session—Selected studio items.  
4.0: Literary selection by the Announcer.  
4.8: Studio items.  
4.30: Close down.  
6.0: Children's session conducted by Uncle Leo.  
7.0: Relay of service from the Baptist Tabernacle (preacher, Rev. Joseph W. Kemp; organist and choirmaster, Mr. A. E. Wilson).  
9.0: Orchestral—Ketelbey's Concert Orchestra, "In a Fairy Realm" (Ketelbey) (Columbia Record 02694).  
9.8: Duet—Hazell-Sutherland Duo, "Hold Thou My Hand" (Briggs).  
9.12: Violin solo—Albert Sammons, "Elegie" (Massenet) (Columbia Record 02687).  
9.16: Contralto solos—Miss Phyllis Hazell, (a) "He Shall Feed His Flock" ("Messiah"—Handel); (b) "O Thou That Tellect."  
9.24: Pianoforte solos—Percy Grainger, (a) "Sheep and Goat Walking to the Pastures" (Gulon); (b) "Gigue" (Bach) (Columbia Record 04097).  
9.28: Baritone solos—Mr. Frank Sutherland, (a) "But Who May Abide" (Handel); (b) "The People That Walked In Darkness."  
9.36: 'Cello solo—W. H. Squire, "Angels Guard Thee" (Godard) (Columbia Record 04179).  
9.40: Duet—Hazell-Sutherland Duo, "Break, Diviner Light" (Allitsen).  
9.44: Close down.

**2YA, WELLINGTON (420 METRES)—SUNDAY, DECEMBER 23.**

3 p.m.: Afternoon session—Selected studio items.  
4.30: Close down.  
6.0: Children's Sunday service conducted by Uncle George.  
7: Relay of service from St. Thomas's Anglican Church (preacher, Rev. C. V. Rooke, M.A.; organist and choirmaster, Mr. Wenzel Collie, L.L.C.M.).  
8.30 (approx.): Sacred concert by the Choir of St. Mary's of the Angels, under the conductorship of Signor A. P. Truda.  
Choral—Choir of St. Mary's of the Angels, "Messe Solennelle," from "St. Cecilia" (Gounod). Soloists:

Soprano ..... Mrs. A. P. Truda  
Tenor ..... Mr. Samuel Duncan  
Baritones ..... Messrs. Len Barnes and Staunton  
Organist ..... Mrs. G. P. Aldridge  
Pianist ..... Signor Cattaneo

Kyrie and Gloria from "Messe Solennelle" ("St. Cecilia"—Gounod)  
Duet—Mrs. A. P. Truda and Mr. L. Staap, "The Crucifix" (Faure).  
Credo, Benedictus, Sanctus, and Agnus Dei from "Messe Solennelle" ("St. Cecilia"—Gounod).  
Contralto solo—Mrs. T. Treacey, "Ave Maria" (Luzzi).  
"Adeste Fideles" (arr. Vincent).

Close down.

**3YA, CHRISTCHURCH (306 METRES)—SUNDAY, DECEMBER 23.**

3 p.m.: Afternoon session—Selected studio items.  
4.30: Close down.  
5.30: Children's song service, conducted by Uncle David.  
6.15: Hymn and carol chimes.  
6.30: Selected gramophone items.  
7.0: Relay of service from the Christchurch Anglican Cathedral. Preacher, Very Rev. Dean Julius. Organist and choirmaster, Dr. J. C. Bradshaw, Mus.Doc.  
8.15 (approx.): Studio concert.  
Soprano solo—Madame Gower-Burns, "Hear ye, Israel" (Handel).  
8.20: Orchestral—Berlin Philharmonic Orchestra "Carnaval Romain" (Berlioz) (H.M.V. Record D1365).  
8.28: Tenor solo—Mr. Harold Prescott, "How Vain is Man" (from "Judas Maccabaeus") (Handel).  
8.32: 'Cello solo—Pablo Casals, "O Star of Eve" (from "Tannhauser") (Wagner) (H.M.V. Record DB1012).  
8.36: Contralto solos—Mrs. Ross Brodie, (a) "Largo" (Handel); (b) "He Shall Feed His Flock" (Handel).  
8.43: Suite—Philadelphia Symphony Orchestra, "Casse-Noisette" (Nutmacker Suite) (Tchaikowsky), (a) "Arab Dance"; (b) "Chinese Dance"; (c) "Dance of the Flutes" (H.M.V. Record D1215).  
8.51: Soprano solos—Madame Gower-Burns, (a) "Oh, for the Wings of a Dove" (Mendelssohn); (b) "Hear My Prayer."  
8.59: Wurlitzer organ solos—Reginald Foort, (a) "Schon Rosmarin" (Kreisler); (b) "A Brown Bird Singing" (Haydn-Wood) (H.M.V. Record B2664).  
9.7: Tenor solo—Mr. Harold Prescott, "Sound an Alarm" (from "Judas Maccabaeus") (Handel).  
9.12: Flute quartet—London Flute Quartet, "Carnival de Venice" (with variations) (Benedict) (Parlophone Record A4023).  
9.16: Contralto solo—Mrs. Ross Brodie, "Abide with Me" (Liddle).  
9.20: Choir—British Broadcasting Company's Choir, "A Few More Years Shall Roll" (Bonner) (Columbia Record 01211).  
9.24: Soprano and tenor duet—Madame Gower-Burns and Mr. Harold Prescott—"My Song Shall Always Be Thy Mercy" (from "Hymn of Praise") (Mendelssohn).  
9.28: Military Band—H.M. Coldstream Guards, "Der Freischutz" (Weber) (H.M.V. Record C1335).  
Close down.

**4YA, DUNEDIN (463 METRES)—SUNDAY, DECEMBER 23.**

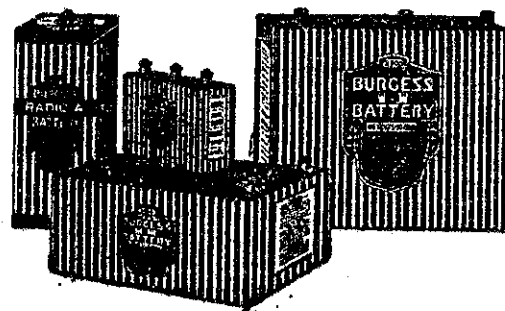
5.30 p.m.: Children's song service conducted by Big Brother Bill.  
6.30: Relay of service from Knox Church (preacher, Rev. Tulloch Yuille, B.D., M.A.).  
7.45: Organ voluntaries by Mr. Roy Spackman, relayed from Knox Church.  
8.5: Relay of concert by the St. Kilda Band from St. Kilda Band Rotunda.  
9.15: Close down.

**The Use of Multiple Wire Aerials**

IN an article it has been said that six feet is the optimum distance for aerial wires to be separated. The reason for this is that the second wire, if too close, will act as a condenser such as that which might be used in combination with a high resistance to form a "grid leak." There are then two conductors separated from each other with an insulator. The capacity of such

a condenser can be altered by varying the distance between two conductors or plates of the condenser. Usually this is done by moving plates passing in between or out from the fixed plates. The closer the conductors are together the more strongly they act on one another—hence the greater the capacity of the condenser.

The capacity of the aerial is therefore dependent upon the distance between them, and of course the capacity of any aerial is one of the factors which determines the wavelength to which that aerial can be tuned most effectively.



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