

7.30 to 8.0 p.m.: Sports results and talks.
8 to 10 p.m.: Concert and dance programme, with sports results.

Sunday, August 23

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, AUGUST 23.

- 8.0 : Chimes. Selected recordings, and relay of portion of Organ Recital from the Town Hall, by the City Organist, Mr. Maughan Barnett.
10 : Children's Song Service, conducted by Uncle Leo.
10 : Relay of Divine Service from the Baptist Tabernacle. Preacher: The Rev. Joseph Kemp. Organist and choir-master: Mr. Arthur H. Wilson.
3.30 : Relay of programme by the Puccini Society, under the direction of Signor A. T. Constantini.
Motto—The Choir, soloist Mrs. Menzies, soprano, "O Mario Salverna Nostra" (Capocci).
Soprano—Miss R. Paterson, "O Divine Redeemer" (Gounod).
Tenor—Mr. T. Mitchell, "Agnus Dei" (Bizet).
Baritone—Mr. Yates, "Gloria" (Pezzi).
Motto—The Choir, soloist Miss E. Herbert, soprano, "Alma Redemptoris" (Schmitt).
Soprano with violin obligato, Miss D. Jenkins, "Glory to Thee My God, This Night" (Gounod).
Choral—The Choir, soloist Mr. V. Mulgan, "Benedictus" (Constantini).
Mezzo-soprano—Miss Hinemoa Rosieur, with violin obligato, "Ave Maria" (adapted from the Meditation from "Thais") (Massenet).
Duet—Mr. G. Fagan and Signor Constantini, "Crucifixus" (Faure).
Choral, for soprano, tenor and bass—The Choir, "Osacrum Consilium."
Choral for three mixed voices—The Choir; Soloists, Miss H. Rosieur, Messrs. G. Fagan and S. Yates. Violinist, Miss I. Lockwood. Organist, Miss K. O'Leary. "Pontifical Mass" (Monsignor Lawrence Perosi, conductor of Sistine Chapel).
10.0 : God save the King.

2YA, WELLINGTON (720 KILOCYCLES)—SUNDAY, AUGUST 23.

- 8.0 : Afternoon session of Selected Gramophone Recordings.
6.0 : Children's Song Service, conducted by Uncle George, and assisted by the Children's Choir from St. Giles' Presbyterian Church (Iyall Bay Section).
10 : Relay of Evening Service from St. Thomas's Anglican Church. Preacher: Rev. C. V. Rooke. Organist and choir-master: Mr. W. A. Gatheridge.
8.15 (approx.): Relay of Band Recital by the Wellington Municipal Tramways Band, from St. James' Theatre. (Conductor, Mr. E. Franklin).
God save the King.

3YA, CHRISTCHURCH (980 KILOCYCLES)—SUNDAY, AUGUST 23.

- 8.0 : Gramophone recital.
5.30 : Children's Song Service.
6.15 : Chimes from Studio.
6.30 : Relay from St. Andrew's Presbyterian Church. Preacher: Rev. J. Lawson Robinson. Organist: Mr. B. D. Lake. Choir Conductor: Mr. J. Maclean.
7.50 : Musical recordings.
8.15 (approx.): Relay of programme from 4YA, Dunedin.
10.0 : God save the King.

4YA, DUNEDIN (650 KILOCYCLES)—SUNDAY, AUGUST 23.

- 8.0 : Afternoon session.
5.30 : Children's Song Service, conducted by Big Brother Bill.
6.15 : Instrumental recordings.
6.30 : Relay of Evening Service from Trinity Methodist Church, Dunedin. Preacher: Rev. H. E. Bellhouse. Choir-master: Mr. James Simpson.
7.45 : Selected recordings.
8.15 : Studio programme. Vocal portion presented by Mr. John T. Leech and his Minnesingers, with Miss M. Caddie at the piano.
Overture—Salon Octet, "Stradella" (Flotow).
8.21 : Chorus with orchestra—The Minnesingers, "Sing, Pretty Maiden." Contralto with orchestra—Miss Helen E. Roy, "Alas, Those Chimes."
8.28 : Suite—Salon Octet, "The Conqueror" (German).
8.40 : Chorus with orchestra—The Minnesingers, "Pretty Gitana" (Wallace). Baritone with orchestra—L. Harrison Stubbs, "The Mariner and His Bark" (Wallace).
8.48 : Suite for strings—Salon Octet, "Suite for Strings and Piano."
8.57 : Soprano and chorus with orchestra—Miss Noni Davidson and The Minnesingers, "'Tis the Harp in the Air" (Wallace).
9.0 : Weather report and station notices.
9.2 : Orchestra and chorus—Polydor Wind Orchestra, (a) "Stille der Nacht"; (b) "Lieb'st's" (Kunze) (Poly. 23120).
9.8 : Tenor—Mr. John Leech, with orchestral accompaniment, "Yes, Let Me Like a Soldier Fall" (Wallace).
Soprano—Miss Anne White, with orchestral accompaniment, "Scenes That Are Brightest" (Wallace).
9.13 : Selection—Salon Octet, "Danse Macabre" (Saint-Saens).
9.21 : Quartet with chorus and orchestra—Miss Anne White, Miss M. Kenward, Mr. J. Ferguson and Mr. T. D. White, "Health to the Lady."

- 9.25 : Violin—Gustav Link, (a) "Swedish Airs" (Juon); (b) "Saltarella."
9.31 : Baritone—Mr. W. Ruffell, with orchestral accompaniment, "There is a Flower That Bloometh" (Wallace).
9.34 : Selection—Salon Octet, "Les Cloches de Corneville" (Planquette).
9.44 : Chorus and trio with orchestra—The Minnesingers, with Mrs. W. Carlsen and Messrs. T. White and James Simpson, (a) "The Angelus"; (b) "Turn On, Old Time" (Wallace).
9.49 : Piano—Lilly Dymont, "The Juggler" (Toch) (Poly. 23577).
9.53 : Duet and chorus with orchestra—Messrs. Ruffell and J. Simpson and the Minnesingers, (a) "I Am the King of Spain"; (b) "Oh, What Pleasure" (Wallace).
9.58 : Selection—Salon Octet, "The Derrish Entr'acte" (Marsden).
10.12 : God save the King.

1YA, AUCKLAND (875 KILOCYCLES)—SUNDAY, AUGUST 23.

- 6.0 to 6.45: Children's Sunday Service.
8.15 to 10.0 p.m.: Concert programme.

Minimising Interference No Substitute for a Good Aerial

RECENT research has conclusively proved the fallacy of the common belief that a short indoor aerial is a desirable adjunct of the modern sensitive radio receiver, states the chief engineer of Philips Lamps, Ltd. (N.Z.).

For all but local reception there is as much difference in performance between outdoor and indoor aerials as between an expensive and a cheap set.

The development of "interference technique" has proved that there is no man-made interference which cannot be eliminated at its source, but the listener himself can exert quite a useful measure of control of conditions at the receiving end.

The one object to be kept in view is obtaining the highest ratio of signal strength to interference level; any means, therefore, of increasing signal strength or reducing interference strength is a step in the right direction. It has been established experimentally that by far the greatest proportion of the radio interference experienced in towns, including the clicks and bangs caused by the making and breaking of electrical circuits, the crackling, rasping and whirring noises from electrical machinery reaches the receiver by way of the lighting and power mains, gas and water pipes, gutters, etc., these noises being propagated from the ground upward.

An indoor aerial operated right in the midst of the interference must obviously be affected by it to a marked extent.

By adopting a high outdoor aerial we accomplish simultaneously a two-fold effect, firstly by increasing the signal strength of the distant station and secondly we decrease the coupling between the aerial and the ground interferences.

In addition to being well above the interference mentioned, a good aerial has the down lead carefully placed, remote from any power or telephone wires, house gutters, etc., while a really good earthing system is well worth while, and attention to these points results in a great improvement in the ratio of signal strength to interference level, adding greatly to the enjoyment of distant broadcast programmes.

Advisory Committee

3YA Children's Sessions Committee

AT a meeting of the 3YA Children's Sessions Committee, at which Mr. D. E. Parton (representing the Y.M.C.A.) presided, there were present:—Messdames W. H. Meddings (Y.W.C.A.), R. J. McLaren (National Council of Women), J. Schenkel (Mothers' Union), R. Tomlinson (Society for the Protection of Women and Children), Messrs. W. A. Rumbold (Headmasters' Association), D. Dickson (Junior Scottish Society), C. S. Booth ("Chuckle"), J. MacKenzie (Station Director), and Miss M. Hall (Secretary).

An apology for absence was received from Mrs. James. Miss Hall ("Aunt Pat," children's sessions organiser) was welcomed on resuming duty after sick-leave, and reference was made to the very efficient way Mrs. McLaren had carried on the sessions during that time.

Arrangements for visits to the Museum and Art Gallery were discussed. Among other places suggested as lending themselves to broadcast description were the old Provincial Buildings, The Sign of the Takahae, newspaper offices, and various factories. Talks on Maori stories and folk lore were also suggested and the chairman (former telegraph engineer) consented to give a talk later on telegraphy.

"Aunt Pat" outlined programmes arranged for some time ahead. Numerous schools are assisting, and there were many willing helpers in various directions.

Official visitors to the sessions during the coming month were arranged for.

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