

Full Programmes for Next

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NEWS AND NOTES

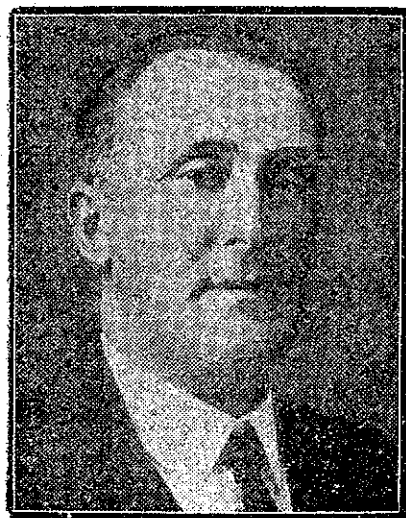
(By "Switch.")

Even though the lead-in wire is insulated, never let it touch against any metal. This means the cornice around the edge of the roof, the metal window screens or weather strip, or any metal. In spite of the insulation, there will be leakage here, and weaker reception will be caused.

On some crystals, only a slight contact of the cat's whisker is needed. Galena and silicon are of this kind. Iron pyrites makes a firm heavy contact. Using carborundum, the point of the cat's whisker can even be jabbed under the surface of the crystal. Phonograph needles are excellent for use with a carborundum crystal.

Atmospheric conditions and location play a very important part in how well and how much you can receive. Night is better than day; winter is slightly better than summer, and there will be a great variation in strength of reception from day to day in summer time.

Batteries are generally rated at their ampere hours capacity. That is, a 60 ampere-hour battery is rated as being able to deliver one ampere per hour during a period of 60 hours. It is advisable, however, not to let a battery become more than three-quarters discharged. It will then last longer, and should give good service for years.



MR. ERNEST ORCHARD, OF 3YA.

A fine bass singer, well known in Christchurch, Mr. Orchard has sung frequently of late for radio, and his popularity is well established.

—Steffane Webb, photo.

Vernier dials should be used on nearly all variable condensers, as they permit much finer tuning to be obtained. This makes for ease in tuning in weak signals and improves the efficiency of the set. All joints should be soldered as this increases the electrical efficiency as well as the mechanical.

An outside aerial should be inspected at least twice a year. Insulators covered with soot, and dirt should be thoroughly cleaned with a brush and gasoline. A layer of soot or dirt in the insulators permits a lot of energy to leak off to the poles, and thence to the ground.

According to statements from Great Britain an attempt is being made to overcome fading by using two separate aerials for picking up the signals. The two aerials will be spaced some distance apart. The reason for this is that when wireless signals fade the fading effect is limited to a relatively small area for each. When signals are weak at one spot they are quite strong at another. By suitably spacing the two aerials it should be possible to effect a sort of balance between the fades in one spot and those in another, so that when the signals from one aerial are weak those from the other will be strong, thus maintaining a comparatively unvarying signal strength suitable for rebroadcasting. It is understood that experiments with the new system will be begun almost at once.

The range of transmitting and receiving by radio depends somewhat upon the nature of the territory lying between the transmitting station and the receiving aerial. The greatest range for a given power is obtained over water. Any metal, particularly iron and steel, lying between the broadcast station and receiving aerial, will cause loss of signal strength. Such metal may either be in the form of an artificial structure, such as building frameworks or iron roofs, or may be in the form of ore deposits. Some regions, owing to metal deposits in the earth are noted for poor reception.

Never run the lead-in any long distance through your house. Once inside the house the lead-in should be as short as possible. If the lead-in is long inside the house, the walls and ceilings will absorb most of the radio-frequency energy that should flow into the receiving set. In other words, strength of reception will be greatly reduced. Place your receiving set near the point where the lead-in enters the house.

Sunday, November 27th

1YA AUCKLAND (333 METRES)—SUNDAY, NOVEMBER 27.

- 3 p.m.: Afternoon session—Selected Studio items.
4.0: A literary selection, by Mr. Culford Bell.
4.30: Close down.
6.55: Relay of church service from Beresford Street Congregational Church. Preacher, Rev. Lionel Fletcher; choirmaster, Mr. W. Gemmell.
8.30: Relay of organ recital from Town Hall. Organist, Mr. Maughan Barnett.
9.30: A thought.
9.31: Close down.

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

- 6 p.m.: Children's service, conducted by Rev. E. R. Weeks.
6.55: Relay of evening service from St. Andrew's Presbyterian Church. Preacher, Rev. R. J. Howie, B.A.; organist and choirmaster, Mr. Frank Thomas.
8.15: Relay of band concert of the Port Nicholson Silver Band from the Grand Opera House.

3YA CHRISTCHURCH (306 METRES)—SUNDAY, NOVEMBER 27.

- 5.45 p.m.: Children's song service from 3YA Studio, by Uncle Sam.
6.30: Relay of evening service from Holy Trinity Church of England, Avonside. Preacher, Rev. Charles Perry. Organist and choirmaster, Mr. Vernon Griffiths.
7.45: Instrumental selections from 3YA Studio.
Instrumental trio—Christchurch Broadcasting Trio, (a) "Allegro" from "Horn Trio" (Brahms).
7.53: 'Cello solo—Mr. Harold Beck, "Hamadil" (Bantock).
7.59: Instrumental trios—Christchurch Broadcasting Trio, (a) "Mazurka" (Malling); (b) "Autumn" (Tschalkowsky); (c) "Czardas" (Copella Ballet Music), (Delibes).
8.12: 'Cello solo—Mr. Harold Beck, "Scherzo" (Van Goens).
8.15: Close down.

4YA DUNEDIN (463 METRES)—SUNDAY, NOVEMBER 27.

- 7 p.m.: Relay of evening service from the Trinity Methodist Church. Preacher, Rev. H. E. Bellhouse; organist, Miss E. Hartley.
8.0: Relay from St. Kilda (weather permitting) of concert by the St. Kilda Band. Conductor, Mr. James Dixon.
9.20: Close down.

Monday, November 28th

1YA AUCKLAND (333 METRES)—MONDAY, NOVEMBER 28.
SILENT DAY.

2YA WELLINGTON (420 METRES)—MONDAY, NOVEMBER 28.

- 3 p.m.: Afternoon session—Selected Studio items.
Chimes of the General Post Office clock, Wellington.
3.1: Selected gramophone items.
3.30: Lecturette—Representative of Kirkcaldie and Stains, Ltd., "Fashions."
3.45: Selected gramophone items and available sports results.
4.15: Relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.
5.0: Close down.
6.0: Children's hour—Aunt Jo. Choir, Queen Margaret's College, (a) "Sleepy Hollow Tune"; (b) "There Was a Jolly Miller." Vocal duet, Cousins Mary and Mary, "Sunshine." Aunt Jo, birthdays. Piano-forte solo, Cousin Dorothy, "Polish Dance" (Scharwenka). Recitation, Cousin Queenie, selected. Vocal duet, Cousins Mary and Mary, "Shadows Over the Sea." Aunt Jo, story time. Choir, Queen Margaret's College, (a) "Drink to Me Only"; (b) "As I Went a-Roaming."
7.0: News session, market reports, and sports results.
7.40: Lecturette—Mr. G. G. Stewart, editor, "Railway Magazine," "Freight on the Rails."
8.0: Chimes of the General Post Office clock, Wellington.
8.1: Overture—"Black Eyes" (traditional Russian gipsy air).
8.4: Relay of Mr. A. Stanley Warwick's recital from Concert Chamber, Town Hall.
Quartet—Misses Gretta Stark, Rita Arnold, Messrs. Frank Skinner and Ray Kemp, "In This Hour of Softened Splendour" (Hatton).
Recital—Mr. Eric North, "Ears and Years" (anon.).
Humorous sketch—Mr. Eric North, "The Yard Dog" (Thomas).
From the Studio: Instrumental trio—Symons-Ellwood-Short Trio, "Trio in E Flat, Allegro and Adagio" (Beethoven).
Relay: Sketch—Miss Violet Wilson, selected.
Contralto solo—Miss Rita Arnold, (a) "Husheen" (Needham); (b) "O Golden Sun" (Freely).
Recitals with accompaniment—Mr. Ced. Gardiner, (a) "Admiral's Orders"; (b) "That Cat."
Quartet—Misses Gretta Stark, Rita Arnold, Messrs. Frank Skinner and Ray Kemp, "Sweet and Low" (Branby).
From the Studio: Violin solo—Miss Ava Symons, "Midnight Bells" (Hueberger-Kreisler).



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- Relay: Lyric soprano—Miss Gretta Stark, (a) "Serenata" (Tosti); (b) "The Lass With the Delicate Air" (Arne).
Recital—Mr. Peter Dorrian, "Queen Sigrid the Haughty" (Longfellow).
Humorous sketch—Mr. Peter Dorrian, "Spring" (Thomas).
From the Studio: Instrumental Trio—Symons-Ellwood-Short Trio, "Trio in E Flat, Scherzo and Finale" (Beethoven).
Weather forecast.
Relay: Dramatic recital—Miss Violet Wilson, "The Story of a Miniature" (Pemberton).
Character sketch—Mr. A. Stanley Warwick, "Mr. Tigg Meets Mr. Pinch" (Dickens).
One-act comedy, "A Quiet Little Dinner." Mr. Pinney, Mr. Ced. Gardiner; Mrs. Pinney, Miss Isa McLeay; Cook, Miss Mawby; Cabman, Mr. A. S. Warwick; Mr. Simpson, Mr. Peter Dorrian; Mrs. Simpson, Miss Mavis Rolls; Sarah, Miss Violet Wilson.

3YA CHRISTCHURCH (306 METRES)—MONDAY, NOVEMBER 28.

- 3 p.m.: Afternoon session—Selected Studio items.
4.30: Close down.
6.0: Children's hour—Uncle Jack and Aunt Edna.
7.0: Close down.
7.15: News and reports.
7.45: Close down.
8.0: Chimes. Studio concert by Band of 1st Canterbury Infantry Regiment, under direction of Lieutenant Hoskin.
8.1: Relay of orchestral selections from Strand Picture Theatre Orchestra, under the direction of Mr. Harry Ellwood.
8.15: March—The Band, "Listen to the Band" (Chapman).
8.19: Baritone solo—Mr. H. M. R. Thomas, "La Paloma" (Yradier).
8.22: Fantasia—The Band, "Golden Valley" (Hawkins).
8.28: Mezzo-soprano solo—Mrs. Bingham Puddey, "Melisande in the Wood" (Goetz).
8.32: Waltz—The Band, "Summer Glory" (Greenwood).
8.37: Cornet polka—Soloist, Bandsman L. McKay, "Bostonian" (Rimmer).
8.41: Humorous monologue—Mr. Jack Darragh, "When Tosti Raised His Bowler Hat" (M.S.).
8.45: Fox-trot—The Band, "Yearning" (by request), (Davis and Burke).
8.49: Baritone solos—Mr. H. M. R. Thomas, (a) "Cobbler's Song" (Norton); (b) "Tally Ho" (Leoni).
8.56: Overture—The Band, "Elfin Revels" (Rowlands).
9.0: Relay of orchestral selections from Strand Theatre Orchestra.
9.15: Mezzo-soprano solos—Mrs. Bingham Puddey, (a) "Sweet, Early Violets" (Sherrington); (b) "The Dancing Lesson" from "The Passing Show" (Oliver).
9.22: Selection—The Band, "Scenes of Beauty" (Le Duc).
9.27: Soprano solos—Miss Khura Stewart, (a) "The Leaves and the Wind" (Leoni); (b) "Pluck This Little Flower" (Ronald).
9.33: Fox-trot—The Band, "La Belle Francaise" (Hume).
9.37: Humorous anecdote—Mr. Jack Darragh, "The Hon. Lady de Vere's Experiences on a Football Field" (M.S.).
9.41: Selection—The Band, "The Geisha" (by request), (Jones).
9.48: Soprano solo—Miss Khura Stewart, "The Sunshine of Your Smile" (Cooke).
9.52: March—The Band, "The Old Regiment" (Thomas).
10.0: God Save the King.

4YA DUNEDIN (463 METRES)—MONDAY, NOVEMBER 28.
SILENT DAY.

Tuesday, November 29th

1YA AUCKLAND (333 METRES)—TUESDAY, NOVEMBER 29.

- 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.
7.0: Close down.
7.15: News and reports.
7.45: Close down.
8.0: Chimes.
A special evening, introducing songs of long ago.
8.1: Opening—The company, "Hello, How Are You?" (Low).
8.5: Soprano solo—Miss Dorothy Youd, "She Wore a Wreath of Roses" (Wright).
8.9: Baritone solos—Mr. Dudley Wrathall, (a) "The Village Blacksmith" (Weiss); (b) "All Through the Night" (Old Welsh).
8.17: Contralto solo—Miss Martha Williamson, "Juanita."
8.20: Relay of overture from Majestic Theatre Orchestra, under the direction of Mr. J. Whiteford-Waugh.
8.30: Humorous musical sketch—The company, "Animals" (Lwo).
8.40: Pianoforte solo—Mr. H. Barry Coney, "March of the Israelites Against the Philistines" (Schumann).
8.44: Mezzo-soprano solo—Miss Cecilia Duncan, "The Heart Bowed Down" (Balle).
8.48: Vocal duet—Miss D. Youd and Mr. D. Wrathall, "Down the Vale."
8.53: Contralto solo—Miss M. Williamson, "Castles in the Air" (Old Scotch).
8.57: Relay of orchestral selections from Majestic Theatre.
9.7: Weather forecast.
9.8: Soprano solos—Miss D. Youd, (a) "Bid Me Discourse" (Bishop); (b) "Last Rose of Summer."
9.16: Musical sketch—Mr. H. Barry Coney, "A Tale of a Terrace" (Hutchinson).
9.22: Mezzo-soprano solo—Miss C. Duncan, "Scenes That Are Brightest" from "Maritana."
9.26: Humorous duet—Miss Youd and Mr. Wrathall, "Give Me a Man" (Low).
9.34: Relay of orchestral selections from Majestic Theatre.
9.42: Contralto solo—Miss M. Williamson, "I Cannot Sing the Old Songs" (Claribel).
9.45: Baritone solo—Mr. D. Wrathall, "The Harp That Once."
9.49: Pianoforte solo—Mr. H. Barry Coney, "A Romp" (York Bowen).
9.53: Mezzo-soprano solo—Miss C. Duncan, "Silver Threads Among the Gold" (Banks).
9.57: Concerted item—The company, "Annie Laurie" (Old Scotch).
10.1: A thought.
10.3: God Save the King.

2YA WELLINGTON (420 METRES)—TUESDAY, NOVEMBER 29.

- 3 p.m.: Afternoon session—Selected Studio items.
Chimes of the General Post Office clock, Wellington.
3.1: Selected gramophone items.
3.30: Lecturette—Mrs. Barrington, of Turnbull and Jones, Ltd., "Electric Cooking."
3.45: Selected gramophone items and available sports results.
4.0: Lecturette—Dr. L. A. Line, "First Aid."
4.15: Relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.
5.0: Close down.
6.0: Children's hour—Trip to Mt. Cook; away over the sea on a steamer, stopping at Christchurch, Timaru, Fairlie, Hermitage, Uncle Jasper and Spot on board to send greetings. Song, Y.M.C.A. Boy Scouts, "Go to Sea" (Trotter). Recitation, Y.M.C.A. Boy Scouts, "Naughty Words" (Longstaffe). Song, Y.M.C.A. Boy Scouts, "Drowsie-

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