

Programmes Continued

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- 9.34: Baritone solo—Mr. F. Sutherland, "Invictus," Huhn.
9.39: Duo—Griffiths Duo, "A Seaside Trip."
9.46: Piano solo: Mr. C. Towsey, "Polonaise in C Sharp Minor," Chopin.
9.51: Soprano solo: Master D. Lunney, (a) "Love's Old Sweet Song," (b) "The Swallows," F. H. Cowen.
10.0: Close Down.

2YA WELLINGTON (420 METRES)—FRIDAY, OCTOBER 21.

- 3 p.m.: Gramophone recital.
3.30: Lecturette—Miss Marion Christian, "Gas Cooking."
4.0: Gramophone recital and relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.
5.0: Close down.
6.0: Children's hour—Uncle Ernest.
7.0: News session and market reports.
8.0: Chimes of the General Post Office clock, Wellington.
8.1: Instrumental—Studio Orchestra, selected.
Studio concert arranged by Mr. William Renshaw:
8.11: Quartet—Miss Myra Sawyer, Miss Nora Greene, Mr. W. Renshaw, and Mr. Wm. Boardman, "Regular Royal Queen" from "The Gondoliers," Sullivan (Chappell).
8.15: Bass solo—Mr. Wm. Boardman, "The Floral Dance," Moss (Chappell).
8.20: Flute solo—Mr. Claude Tucker, "Concertino," Chaminade.
8.27: Contralto—Miss Nora Greene, (a) "Sea Fever," John Ireland (Curwen); (b) "June," Quilter (Boosey).
8.31: Musical monologue—Mr. Barton Ginger, "The Shooting of Dan McGrew" (Miss Gwladys Ginger at piano), Robert Service.
8.37: Tenor—Mr. Wm. Renshaw, "Like Stars Above," Squire (Boosey).
8.41: Instrumental—Studio Orchestra, selected.
8.51: Quartet—Miss Myra Sawyer, Miss Nora Greene, Mr. W. Renshaw, and Mr. Wm. Boardman, "In England, Merrie England," German (Chappell).
8.54: Soprano solo—Miss Myra Sawyer, "Villanelle," d'Agua (Boosey).
8.59: Weather report.
9.0: Lecturette—Editor—Announcer, "Imperial News."
9.15: Instrumental—Studio Orchestra, selected.
9.25: Bass solo—Mr. W. Boardman, "Sir Roger de Coverley," Coleman (Boosey).
9.30: Vocal trio—Miss Myra Sawyer, Miss Nora Greene, and Mr. Wm. Renshaw, "O Memory," Leslie (Novello).
9.35: Flute solos—Mr. Claude Tucker, (a) "Papillon," Kohler; (b) "Carnival of Venice."
9.42: Vocal duet—Miss Nora Greene and Mr. Wm. Renshaw, "Down the Vale."
9.46: Monologue—Mr. Barton Ginger, "Me, Too," Wallace; "A Drama in Three Acts in Three Minutes."
9.51: Soprano solo—Miss Myra Sawyer, "The Nightingale and the Rose," Thompson (Chappell).
9.59: Quartet—Miss Myra Sawyer, Miss Nora Greene, Mr. Wm. Renshaw, and Mr. W. Boardman, (a) "Sweet and Low," Barnby; (b) selected.

3YA CHRISTCHURCH (306 METRES)—FRIDAY, OCTOBER 21.

- 3 p.m.: Afternoon concert session.
7.15: News and reports.
8.0: Chimes. Relay of orchestral selections from Crystal Palace Picture Theatre Orchestra, under conductorship of Mr. A. J. Bunz.
8.15: Tenor solo—Mr. W. Bradshaw, "The Star of Bethlehem," Adams (Boosey).
8.19: Contralto solo—Mrs. D. W. Stallard, "The Power of Love" from opera "Satanella," Balfe (Boosey).
8.23: Cello solo—Mr. Harold Beck, "Berceuse," Jarnfelt (Chester).
8.27: Humorous dialogues—Mr. Sydney Comfort, "Snips and Snatches," M.S.
8.31: Pipe organ solos—Mr. Raynor White, F.L.C.M., (a) "Allegro" from "Second Concerto," Handel (Novello); (b) "Anglican Gavotte," Mellon (Hart); (c) "Priore a Notre Dame," Boellman (Durand).
8.46: Tenor solo—Mr. W. Bradshaw, "In Happy Moments" ("Maritana"), Wallace (Boosey).
8.50: Instrumental trio—Christchurch Broadcasting Trio, "Vivace" from "Trio," Godard (Schirmer).
8.56: Contralto solo—Mrs. D. W. Stallard, "Softly Awakes My Heart" from "Samson and Delilah," Saint Saens (Bayley and Ferguson).
9.0: Relay from Crystal Palace Picture Theatre.
9.15: Humorous recitation—Mr. Sydney Comfort, "Toasts, Bread and Buttered," M.S.
9.19: Cello solos—Mr. Harold Beck, (a) "Air," Matheson (Harris); (b) "Scherzo," Van Goens (Hamel).
9.23: Contralto solo—Mrs. D. W. Stallard, "Lie There, My Love," McCunn (Chappell).
9.27: Tenor solo—Mr. W. Bradshaw, "The Holy City," with chorus, Adams (Boosey).
9.31: Instrumental trio—Christchurch Broadcasting Trio, (a) "Angels Guard Thee," Godard (Augener); (b) "Barcarolle," Tschalkowsky (Metzler); (c) "Scherzo," Jade (Hansen).
9.38: Contralto solo—Mrs. D. W. Stallard, "The Old Rustic Bridge by the Mill," with chorus (by special request), Skelley (Allan).
9.42: Pipe organ solos—Mr. Raynor White, F.L.C.M., (a) "Chorus in Bb," Durante (Peters); (b) "Pastorale in D," St. Clair (White); (c) "Idylle et calme du soir," Moskowski (Schmidt). Selections from Mendelssohn's works.
Close down.

4YA DUNEDIN (463 METRES)—FRIDAY, OCTOBER 21.

- 3 p.m.: Town Hall chimes.
3.1: His Master's Voice recital.
3.15: Afternoon tea music from the Savoy.
3.30: Studio music.
3.45: Humorous reading, by Mrs. I. W. Cowie.
4.15: His Master's Voice recital.
4.30: Close down.
7 p.m.: Town Hall chimes.
7.1: Children's session—Big Brother Bill.
7.40: News service and market reports.
8.0: Town Hall chimes.
8.1: Special relay.

THE LOUDSPEAKER

FIND THE BEST POSITION.

It is always a good idea to experiment with the position of a loudspeaker. Quite frequently the arrangement of adjoining rooms in a house has the effect of producing annoying echoes, and the horn must be tried in several places before satisfactory acoustics are obtained.

If the loudspeaker is too near the ceiling, as when placed on a piano, the sound waves will be deflected downward on the listener's head, and speech or music will sound decidedly unnatural. Similarly, if it is put on the floor, the sound will hit upward. Music will always sound better if the horn is kept well away from where the listeners sit. A jazz band will never sound clear if the loudspeaker is put on a dining-room table. If powerful amplifiers are employed, the radio listener cannot expect pleasant reception, any more than he can expect a drum to sound pleasant if he sat right next to it.

TO MAKE SPAGHETTI

The red, yellow, green, or black insulating covering on the wires inside a receiving set is known as spaghetti. To manufacture your own spaghetti, a piece of wire that is to be used in wiring up the set should first be straightened out; a two-foot length will be sufficient. A large sheet of good, light grade white paper should then be bought; twenty inches wide will be the right size. Strips just wide enough to encircle the wire twice should be cut from the sheet; each strip will then be twenty inches long by about one-half an inch wide.

Paper As a Substitute.

This strip of paper is then wrapped tightly around the piece of wire and tied in two or three places with string to hold it solid. Some paraffin is melted in a pan, and with the aid of a spoon the entire length of the paper on the wire is given a good coating of the molten paraffin. When the paper is dry the strings may be removed, and the wire pulled from within the paper tube. The finished product will have good strength and also will stand a heavy voltage without breaking.

RADIO TRANSFORMERS

Amplifiers are divided into two main classes: Those designed to amplify speech and music directly, or audio-frequency amplifiers, and those for much higher frequencies, known as radio frequency amplifiers. The design differs quite widely between these two. Thus an audio-frequency transformer always has an iron core, made up of laminations—thin sheets—of soft iron wire. This construction is to reduce the losses in the iron. A radio-frequency transformer, on the contrary, has an air core or a core of iron filings. A second marked difference is in the number of turns of wire used. An audio-frequency transformer has several thousand turns on the primary winding, and from three to ten times this amount on the secondary. A radio-frequency transformer for frequencies from 600,000 to 1,200,000 (wave-length from 600 to 250 metres) will have only a few hundred turns on each winding.

BROADCAST REPORTERS

NOVEL AMERICAN ENTERPRISE.

In America the broadcasting companies are commencing to organise staffs of reporters.

WGL (Secaucus, New York State) the radio station that plans to appoint "official reporters" in various parts of the city and State, said it had received many telephone calls from listeners who desired to be enrolled at once on the list of news gatherers. By this staff of "reporters," WGL expects to receive news events from eye-witnesses as soon as possible after they happen. If a news event should be stupendous enough to warrant breaking in on a programme to give it to the listeners, WGL will do so.

Charles D. Isaacson, programme director of station WGL, announced recently that the station plans to organise a staff of voluntary "radio reporters" to telephone events witnessed by them to the station and obtain connection with a microphone for immediate broadcasting.

"We would like to hear from our listeners who would care to be designated as WGL official radio reporters," he said. "Those who wish to co-operate will be given a number, a method of identification to eliminate any possibility of mistake or misunderstanding. Radio reporters who happen to be at or near an accident or crime or any event of importance not expected to happen will telephone to WGL and at proper identification, if the news sounds worth while, will be put immediately on the air by means of a plan we have developed of breaking into a programme."

Saturday, October 22nd

1YA AUCKLAND (333 METRES)—SATURDAY, OCTOBER 22.

- 7.15 p.m.: News and sports results.
7.30 to 7.45: Talk on "Crankcase Draining," by "Gargoyle."
8.0: Chimes.
8.1: Relay of Municipal Organ Recital and Concert from Town Hall. Organist, Mr. Maughan Barnett.
9.30: Relay of dance music from Dixieland Cabaret by "The Internationals," under Mr. Clyde Howley.
11.0: Close down.

2YA WELLINGTON (420 METRES)—SATURDAY, OCTOBER 22.

- 11.30 a.m. to 5 p.m.: Description of Wellington Racing Club's meeting at Trentham by company's official announcer.
7.0: News session, market reports, and sporting results.
8.0: Chimes of the General Post Office clock, Wellington.
8.1: Instrumental—Studio Orchestra, selected.
8.11: Bass-baritone solo—Mr. H. C. Trim, "The Ringers," Sanderson (Boosey).
8.15: Elocutionary—Mr. A. Curry, "On Babies," Jerome.
8.19: Cornet solo—Mr. J. King, "Silver Threads Among the Gold," Rimmer (Wright and Round).
8.23: Vocal duet—Mr. H. C. Trim and Miss Iris Trim, "In the Springtime," Newton (Boosey).
8.26: Instrumental—Studio Orchestra, selected.
8.31: Scotch comedian—Mr. Doug. Stark, "Bella o' Dunoon," Lauder.
8.36: Cornet solo—Mr. J. King, selected.
8.40: Bass-baritone solo—Mr. H. C. Trim, "Old Barty," Grant (Boosey).
8.44: Elocutionary—Mr. A. Curry, "The Lament of an Irish Emigrant," Dufferin; "Kitty O'Toole," Allan.
8.48: Instrumental—Studio Orchestra, selected.
8.54: Scotch comedian—Mr. Doug. Stark, (a) "Jazz," Fyffe; (b) "The Cad-die" (character sketch), original.
9.0: Lecturette—Miss Phyllis Bates, "A Waltz Lesson."
9.15: Relay of Charles Dalton's Columbian Solo Six Dance Orchestra from the Columbian Cabaret, Kilbirnie.

3YA CHRISTCHURCH (306 METRES)—SATURDAY, OCTOBER 22.

- 11.30 a.m.: Rebroadcast 2YA, Wellington—Wellington Racing Club's spring meeting.
6 p.m.: Children's session, by Uncle Sam.
7.15: News and reports.
7.30: Sporting results.
8.0: Chimes. Relay of orchestral selections from Everybody's Picture Theatre, under conductorship of Mr. Albert Bidgood.
8.15: Baritone solo—Mr. Cyril Rishworth, "A Little Pink Rose," Bond (Harris).
8.19: Piano solos—Mr. Ivan Perrin, (a) "Preludes in C Minor and G Major," Chopin; (b) "Improvisations in Bb Minor."
8.29: Songs at piano—Mr. E. A. Sargent, "The World Went Very Well then," Spurr.
8.33: Soprano solo—Miss Eurice Catton, "When'er a Snowflake Leaves the Sky," Lehmann (Cramer).
8.37: Instrumental trio—Christchurch Broadcasting Trio, "La Serenata," Moskowski (Fischer).
8.42: Baritone solo—Mr. Cyril Rishworth, "You'll Get Heaps of Lickin's," Clarke (Chappell).
8.44: Violin solo—Miss Irene Morris, "Madrigale," Simonetti (Ricordi).
8.48: Piano solos—Mr. Ivan Perrin, extemporised version of "Sam, the Old Accordeon Man" and "For My Sweetheart," played in semi-musical box style, M.S.
8.58: Songs at piano—Mr. E. A. Sargent, "Beware of the Maidens" (by request), Day (Cramer).
9.2: Soprano solo—Miss Eurice Catton, "Carmena," Lane Wilson (Reeder and Walsh).
9.6: Piano solos—Mr. Ivan Perrin, (a) "Birth of the Blues," M.S.; (b) "Meadow Lark," M.S.; (c) "There Ain't No Maybe in My Baby's Eyes," M.S.; (d) "Mama's Gone, Good-bye," M.S.
9.16: Baritone solo—Mr. Cyril Rishworth, "Pagan," Lohr (Chappell).
9.20: Soprano solo—Miss Eurice Catton, "Waiaa Poi" (Maori poi song), Hill (McIndoe).
9.24: Songs at piano—Mr. E. A. Sargent, "Water Scenes" (by request), Jones (Reynolds).
9.28: Instrumental trio—Christchurch Broadcasting Trio, (a) "Cavatina," Raff (Metzler); (b) "In Sunshine and Shadow," Newmark (Schott); (c) "Poupe Valsant," Poldini (Ricordi).
9.36: Relay Everybody's Theatre.
Relay of dance music from Caledonian Hall by Mr. Reg. Stillwell's Orchestra.
Rebroadcast 2YA, Wellington concert (conditions permitting).
Close down.

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

- 7.15 p.m.: News and sporting session.
8.0: Town Hall chimes.
8.1: Soprano solos—Miss Olga Burton, (a) "Through All the Days to Be," (b) "What a Wonderful World it Would Be."
8.6: Pianoforte solos—Miss Marjorie Watts, "Love Song," Schumann-Liszt; (b) selected.
8.14: Baritone solos—Mr. A. Snell, selected.
8.21: Guitar solo—Mr. N. Scurr, "Silver Sands of Waikiki."
8.24: Pianoforte duet—Misses M. Watts and A. Wilson, "Valse Brilliant," Moskowski.
8.29: Soprano solos—Miss Olga Burton, (a) "Good Night, Pretty Stars," (b) "Three," Aylward.
8.35: Guitar solo—Mr. N. Scurr, "Mary Lou."
8.39: Pianoforte duet—Misses M. Watts and A. Wilson, selected.
8.45: Address—Mr. A. E. Wilson, of the Government Tourist Department, "Tourist Resorts of Otago."
9.0: Dance music by Ern. Beecham and His Orchestra, relayed from the Savoy.
10.0: Close down.

Sunday, October 23rd

1YA AUCKLAND (333 METRES)—SUNDAY, OCTOBER 23.

- 3 to 4.30 p.m.: Afternoon session—Selected studio items.
6.55: Relay of Church service from the Baptist Tabernacle. Preacher: Rev. Joseph Kemp; organist, Mr. Arthur E. J. Wilson.
8.30: Relay of Auckland Municipal Band from Town Hall. Bandmaster, Mr. Christopher Smith.
9.30: Close down.

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

- 6.55 p.m.: Relay of anniversary service of the Church of Christ, Vivian Street. Preacher, Pastor W. G. Carpenter. Choirmaster, Mr. W. J. Mason.
8.15: Relay of band concert of the Wellington Municipal Tramways Band from His Majesty's Theatre.

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

- 2.30: Relay of special Sunday School Anniversary Service from St. Albans Methodist Church, Rugby Street. Preacher, Rev. L. McMaster, B.D.; organist, Mr. Sydney Jones.
4.0: Close down.

- 5.45: Children's song service from 3YA studio by Uncle Sam.
6.30: Relay of evening service from above church. Preacher, Rev. L. B. Neale. Special music at both services of over 150 voices.
8.30: Rebroadcast 2YA Wellington of band concert from Grand Opera House Wellington.
Close down.

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

- 6.30 p.m.: Relay of service from St. Paul's Cathedral. Preacher, Rev. Canon Neville, Organist, Mr. E. Heywood, F.L.C.O.
8.0: Studio concert.
9.0: Close down.



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