

Programmes Continued

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- 3.16: Baritone—Mr. S. E. Rodger, "Londonderry Air" (Weatherley).
 8.20: Trio—Symons-Ellwood, "1st Movement of Trio in G" (Rabinstein).
 8.30: Soprano—Miss Moana Goodwill, "Fifinella" (Tschakowsky).
 8.34: Piano—Miss Agnes Duncan, (a) "Clair de Lune" (Debussy); (b) "The Fountain" (Jouan).
 8.40: Tenor—Mr. E. W. Robbins, "For You Alone" (Geehl).
 8.44: Concertina—Mr. R. Stratmore, (a) "Life's Dream is O'er" (Thomas); (b) "Eileen Alannah" (Asher) (Swan-Allans).
 8.46: Hits and Harmonies—The Glad Idlers, (a) "There's a Trick in Picking a Chicken" (Tobias); (b) "Underneath the Bed" (Wood).
 8.56: Lecturette—Editor-Armstrong, "Imperial Affairs."
 9.11: Weather report.
 9.12: Hawaiian Trio—Palmer's Hawaiian Trio, (a) "High, High, High Up in the Hills" (Abraham); (b) "Moon Beams" (Woods).
 9.18: Contralto—Miss Hilda Chudley, "None But the Lonely Heart" (Tschakowsky).
 9.22: Trio—Studio Trio, "Berceuse" (Hinsky); "Syncopation" (Kreisler).
 9.32: Baritone—Mr. S. E. Rodger, "If I Might Only Come to You" (Squire).
 9.36: Piano—Miss Agnes Duncan, "Scherzo" (Giere).
 9.40: Duet—Misses H. Chudley and M. Goodwill, "I Would That My Love" (Mendelssohn).
 9.45: Hits and Harmonies—The Glad Idlers, (a) "Just Breezin' Along With the Breeze" (Gillespie, Simons and Whiting); (b) "The Glad Idlers' Trip" (MSS.).
 9.55: Concertina—Mr. R. Stratmore, "Medley Harry Lauder's Songs."
 10.0: Quartet—Apollo Singers, "Evening's Twilight" (Hatton).

3YA CHRISTCHURCH (306 METRES)—FRIDAY, APRIL 20.

- 3 p.m.: Afternoon concert session—Selected studio items.
 4.25: Sports results.
 4.30: Close down.
 6.0: Children's hour—Aunt Pat. Songs, choruses by the Girls' Citizen League. Birthday greetings and stories.
 7.15: News session.
 8.0: Overture—Mayfair Orchestra, "The Dollar Princess" (Fall). Musical comedy excerpt programme by Miss M. Russell's Aeolian Quartet, Christchurch Instrumental Trio, Mr. George Bennett, accordion, and Miss Dorothy Jenkin, recitations.
 8.5: Opening chorus and soprano solo—The Aeolian Quartet, (a) "Were the Household"; (b) "A Self-made Maiden."
 8.11: Recitation—Miss Dorothy Jenkin, "That Terrible Tommy."
 8.15: Contralto and bass duet—Miss M. Russell and Mr. W. J. Richards, "The Riding Lesson."
 8.24: Banjo solo—Mr. Arthur Hodgson, "Collette."
 8.28: Tenor solo and vocal quartet—Mr. Gregory Russell and Aeolian Quartet, (a) "Dream of Love"; (b) "Shall I Do?"
 8.33: Instrumental trio—Christchurch Broadcasting Trio, "Last Movement from Trio, Op. 66" (Mendelssohn).
 8.43: Chorus—Aeolian Quartet, "Tennis."
 Bass solo and chorus—Mr. W. J. Richards and Aeolian Quartet, "Chewska."
 8.48: Cello solo—Mr. Harold Beck, "Maori Love Song" (James, arr. Beck).
 8.52: Soprano and tenor duet—Mrs. Claris Shaw and Mr. Gregory Russell, "Typewriter."
 8.55: Accordion solo—Mr. George Bennett, "Popular Melodies."
 8.59: Contralto and bass duet—Miss Mildred Russell and Mr. W. J. Richards, "Follow Me Around."
 Bass solo—Mr. W. J. Richards, "Souvenirs."
 9.3: Weather report and forecast.
 9.4: Overture—De Groot and Piccadilly Orchestra, "La Gran Via."
 9.9: Soprano and bass duet—Mrs. Claris Shaw and Mr. W. J. Richards, "Ring of Roses."
 9.15: Recitation—Miss Dorothy Jenkin, "Lasca."
 9.20: Cello solo—Mr. Harold Beck, "Dance of the Elves" (Jenkinson).
 9.28: Vocal quartet—Aeolian Quartet, "The Dollar Princess."
 9.32: Instrumental trios—Christchurch Broadcasting Trio, (a) "Why?" (Schumann); (b) "Air in Olden Style" (Marie).
 9.40: Contralto and bass duet—Miss Mildred Russell and Mr. W. J. Richards, "Tramps."
 9.44: Banjo solos—Mr. Arthur Hodgson, (a) "Charmaine"; (b) "In a Little Spanish Town."
 9.48: Chorus—Aeolian Quartet, "Hip! Hip! Hurrah!"
 9.52: Accordion solo—Mr. George Bennett, "Popular Melodies."
 9.56: Finale—Aeolian Quartet, "Then You Go."
 God Save the King.

4YA DUNEDIN (463 METRES)—FRIDAY, APRIL 20.

- 3 p.m.: Town Hall chimes.
 3.1: His Master's Voice recital.
 3.15: Address on Fashions by a representative of the D.I.C., Ltd.
 3.30: Afternoon tea music from the Savoy.
 3.45: Studio music.
 4.0: Music from the Savoy.
 4.15: His Master's Voice recital.
 4.30: Close down.
 6.0: Town Hall chimes.
 6.1: Children's hour—Auntie Sheila and Big Brother Bill.
 7.15: News session.
 7.30: Address by Mrs. Denton Leech on "The Duties of Police Women."
 8.0: Town Hall chimes.
 8.1: Orchestral selection.
 8.5: Baritone solos—Mr. Bert Rawlinson, (a) "Arise, O Sun" (Day); (b) "Up From Somerset" (Sanderson).
 8.12: Flute solo—Mr. Chas. E. Gibbons, selection from "Lohengrin" (Wagner).
 8.18: Soprano solo—Mrs. D. Carty, "Come Back to Erin" (Claribel).
 8.22: Bass solos—Mr. Neil Black, (a) "The Bandelero" (Stuart); (b) "I Know of Two Bright Eyes" (Clutsum).
 8.29: Pianoforte solo—Mr. Gordon Findlay, "Charmeuse" (Clarke).
 8.34: Contralto solo—Miss Flora Williamson, "Slow, Horses, Slow" (Mallinson).
 8.38: Orchestral selection.
 8.43: Baritone solo—Mr. Bert Rawlinson, "Off to Philadelphia in the Morning" (Haynes).
 8.47: Flute solo—Mr. Chas. E. Gibbons, selection from "Iolanthe" (Sullivan).
 8.53: Soprano solos—Mrs. D. Carty, (a) "Mother Machree" (Ball); (b) "Home-land" (Drummond).
 9.0: Weather report and forecast.
 9.2: Bass solo—Mr. Neil Black, "Vale" (Russell).
 9.4: Pianoforte solos—Mr. Gordon Findlay, "Invitation a la Valse" (Weber); (b) "To the Rising Sun" (Forjussen).
 9.17: Contralto solos—Miss Flora Williamson, (a) "Out of the Deep I Call" (Martin); (b) "Like to the Damask Rose" (Elgar).
 9.26: Vocal duet—Mrs. D. Carty and Mr. Bert Rawlinson, "A Crookit Bawbee."
 9.30: Dance music.
 10.0: God Save the King.

Saturday, April 21

1YA AUCKLAND (333 METRES)—SATURDAY, APRIL 21.

- 3 p.m.: Afternoon session—Selected gramophone items.
 4.0: Literary selection by the announcer.
 4.10: Further selected gramophone items.
 4.30: Close down.
 6.0: Children's hour—Cinderella. Song, Owen Fletcher, "Johnny, Come Down to Hilo" (Terry); recitation, Billy Brown, "Rebel Boy"; story for tiny tots; flute, Bob Davidson, selected; letters and birthdays; song, Owen Fletcher, "A Little Peach in an Orchard Grew"; recitation, Billy Brown, "George's First Sweetheart"; flute, Bob Davidson, "Graceful Dance" (Lemmone); story-time.
 7.15: News and sports results.
 8.1: Chimes.
 8.1: Relay of selected programme by Auckland Municipal Choir.
 9.30: Relay of dance music by the Internationals under Mr. Clyde Howley from Dixieland Cabaret.
 11.0: God Save the King.

2YA WELLINGTON (420 METRES)—SATURDAY, APRIL 21.

- Noon: Running description of Marlborough Racing Club's meeting at Trentham.
 3 p.m.: Chimes of the General Post Office Clock, Wellington.

An amusing incident was recently experienced by the medical superintendent of a Melbourne mental hospital. Wireless is installed in the institution, and recently one of the patients, an elderly lady, innocently told the doctor that she had been listening in to 3LO, and heard her name called during the children's hour. She said that "Billy Bunny" told her to look on the table in the best bedroom for a lovely present. The doctor was rather perplexed, but, desiring to humour his patient, he asked her if she had received her present, to which she replied, "Oh, yes, sir. I got it in your room, and 'Billy Bunny' told me to keep it a secret." It seems that the patient was right to some extent—she certainly heard her name called by "Billy Bunny," but it was meant for a wee little girl with a similar name. The doctor is now very worried as to what the patient has annexed from the dressing table of his wife, who is away on holiday.

For the convenience of listeners in the far way-back of Queensland, the Brisbane station, 4QG, is now providing half an hour's special news each Wednesday night from 10 o'clock until half-past ten, and half an hour's special news from six o'clock until half-past six on Saturdays. Items of interest from the news services already given during preceding days are collected and grouped into a special session, which is being eagerly listened to by those to whom radio is a godsend.

A Melbourne advocate for the close co-operation of the Australian broadcast stations says: "Imagine every A class broadcasting station in Australia being brought together in some form of amalgamation or co-operation so that bands and artists could be transferred and kept continually on the move in a circuit. Think of the saving of effort and cost of a centralised control of the broadcasting services. Even opponents to unification as a principle admit that there are paramount reasons for centralisation of wireless broadcasting control, because the decentralisation of operations and the accruing advantages would by far outweigh the tendency to bureaucratic methods. Overlapping of programme items would be obviated, and the system would result in a one hundred per cent. improved service generally, whilst the benefits to States like Tasmania and West Australia would be incalculable."

One of the commonest notions is that having a 100-volt block of batteries means that there is 100 volts on the plate of the valve. In the radio frequency side of the set this is true, of course, but on the audio frequency side there may be 20, 30, or even 40 volts drop between batteries and valve plate.

Do not change your valves around after your autodyne has been correctly neutralised. Your set will not howl and interfere with neighbouring listeners if it is correctly neutralised, but if you change the radio frequency valves it may be necessary to readjust the neutralising condensers.

Burning your valves too brightly shortens their lives. Besides, a valve will not give better results after it reaches a certain temperature, and it is only wasting its substance to burn it brighter than its efficiency point.

Headphones or loudspeakers should not be jarred by a bump or fall. This weakens the magnets, even if it does not break anything. Do not let the diaphragm of your loudspeaker rattle when reception is over loud. There is an adjusting screw on most loudspeakers to prevent this happening.

We can't have light without heat, but now we are told that we can get heat from light rays and generate electricity while we thought we were using electricity to get heat to generate light.

Keep your "A" battery always above one-third of its total capacity. This will add to the life of the battery. Batteries should last for five years or six years, at least, if properly treated.

For amateur receiving set builders a very useful tool is a hacksaw, for with it old panels can be cut down and used as sub-panels, and terminal strips may be manufactured from the odd scraps of bakelite which can be bought very cheaply at most dealers.

Never connect your "earth" wire to a gas-pipe. Owing to various reasons a gas-pipe is a very poor earth, and, therefore, reception will be weak. A water pipe makes a satisfactory "earth." An experimenter who has delved into the scientific requirements of the cone loudspeaker says: "It would seem that the cone should have a very acute angle—say, 90 degrees—to promote stiffness, and so avoid resonance; that it should be of comparatively small diameter, for the same reason, and also to reduce its weight. It should be freely suspended at its edge in order to allow it to move as a whole, like a piston, rather than vibrate under restraint like a drum-head. It should be situated in the centre of a baffle board at least three or four feet square, to check unwanted air circulation; and the driving mechanism should not embody any reed, spring supported armature, or other resonant member; nor should it impose any limitation on the motion of the cone, which should be able to move backwards and forwards with perfect freedom a distance of an eighth of an inch or more."

- 3.1: Selected gramophone items.
 4.25: Sporting results to hand.
 4.30: Selected gramophone items.
 4.55: Sporting results to hand.
 5.0: Close down.
 6.0: Children's session—Aunt Dot and Aunt Gwen, assisted by cousins from the Sacred Heart Convent, Lower Hutt. Choruses, duets, and stories.
 7.0: News session, market reports, and sports results.
 7.40: Lecturette—Miss Phyllis Bates, "Yale Blues."
 8.0: Chimes of the General Post Office Clock, Wellington.
 8.1: Overture—"British Cavalry March" (Howgill).
 8.5: Quartet—Vocal Quartet, Melodie Four, "Tom, Tom, the Piper's Son" (Kendall).
 8.9: Banjo solo—Mr. Charles Brazier, "Beat as You Go" (Grimshaw).
 8.13: Tenor—Mr. Frank Bryant, "Roadways" (Lohr).
 8.17: Instrumental trio—Symons-Ellwood-Short Trio, "First Movement of Trio in F" (Hummel).
 8.27: Baritone solo—Mr. R. S. Allwright, "The Watchman" (Squire).
 8.31: Banjo solo—Mr. Chas. Brazier, "Listen to This" (Grimshaw).
 8.35: Tenor solo—Mr. Sam. Duncan, "Aice, Where Art Thou?" (Asher).
 8.39: Flute solo—Mr. L. W. Rothwell, "Graceful Dance Caprice" (Lemmone).
 8.44: Vocal duet—Messrs. F. Bryant and R. S. Allwright, "The Battle Eve" (Bonheur).
 8.48: Instrumental trios—Studio Trio, (a) "Canzonetta" (Godard); (b) "Hungarian Dance" (Brahms).
 8.58: Bass solo—Mr. W. W. Marshall, "The Gypsy Love Song" (Herbert).
 9.2: Weather report.
 9.3: Flute solo—Mr. L. W. Rothwell, "By the Brook" (Wertzerger).
 9.8: Vocal quartet—Melodie Four, "Mosquitoes" (MSS.).
 9.12: Relay of Charles Dalton's Columbian Solo Six Dance Orchestra from the Columbian Cabaret, Kilbirnie.

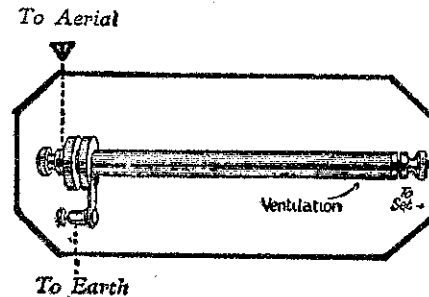
3YA CHRISTCHURCH (306 METRES)—SATURDAY, APRIL 21.

- 6 p.m.: Children's hour—Uncle Sam and Aunt May. Birthday greetings, songs, and stories.
 7.15: News and reports.
 7.30: Sports results.
 8.0: Chimes.
 Overture—London Symphony Orchestra, "Waltz Movements" from "Der Rosenkavalier" (Strauss).
 8.10: Opening chorus—The Avonian Minstrels (Messrs. E. Rogers, J. Filer, F. Olds, and D. Clapperton), "De Old Banjo" (Metcalfe).
 8.14: Ukulele, with vocal accompaniment—Mr. Roy August, (a) "Hi, Diddle, Diddle" (Keidel); (b) "Mama's Gone Young, Papa's Gone Old" (Donaldson).
 8.20: Nautical song—Mr. F. Olds, "The Admiral's Yarn" (Rubens).
 8.24: Contralto solos—Miss Dulcie Mitchell, (a) "Angus McDonald" (Roccel); (b) "A Light Lesson" (Maudel).
 8.30: Coster recitation—Mr. J. P. Darragh, "Fair Dinkum" (Nelson).
 8.37: Instrumental trios—Christchurch Broadcasting Trio, (a) "Serenade" (Drdla); (b) "Vienna Life" (Strauss).
 8.45: Bass solo—Mr. J. Filer, "Drinking" (Hatton).
 8.49: Concertina solos—Mr. E. W. Heald, (a) extract from "Napoleon's Last Charge" (march and gallop) (MS.); (b) "Bells of St. Mary" (MS.).
 8.54: Quartet—Avonian Minstrels, "A Mistake" (Hunt).
 9.0: Weather report and forecast.
 9.2: Overture.
 9.10: Ukulele, with vocal accompaniment—Mr. Roy August, (a) "Bird's-eye View" (Donaldson); (b) "There Ain't No Maybe in My Baby's Eyes" (Donaldson).
 9.16: Contralto solo—Miss Dulcie Mitchell, "O Don Fatale, Don Carlos" (Verdi).
 9.20: Chorus—Avonian Minstrels, "Ding, Dong, Ding" (Scott Gatty).
 9.24: Instrumental trios—Christchurch Broadcasting Trio, (a) "Songs of the River Volga" (Koenemann); (b) "Hungarian Dance, No. 2" (Brahms, arr. G. Beck).
 9.34: A Coster's experience—Mr. J. Darragh, "The Huntsman."
 9.40: Baritone solo—Mr. D. Clapperton, "Tea Time, To-morrow" (Long).
 9.44: Concertina solos—Mr. E. W. Heald, "When Irish Eyes Are Smiling"; "Believe Me If All Those Endearing Young Charms."
 9.52: Tenor and baritone duet and chorus—Messrs. Rogers and Filer and the Avonian Minstrels, "Melodrama" (Adlam); "My Old Kentucky Home."
 God Save the King.

4YA DUNEDIN (463 METRES)—SATURDAY, APRIL 21.

- 7.15 p.m.: News session.
 7.30: Address under the auspices of the Workers' Educational Association—Dr. Fisher, "The Study of Economics."
 8.0: Town Hall chimes.
 8.1: Relay of orchestral music from the Empire Theatre.
 8.11: Soprano solos—Miss Agnes Guy, (a) "A Request" (Woodford-Finden); (b) "You in a Gondola" (Clarke).
 8.16: Kaikorai Band Brass Quartet, "Autumn" (Round).
 8.20: Violin solos—Miss Eva Judd, (a) "Hindoo Lament" (Barnes); (b) "Waltzer" (Cramer).
 8.27: Baritone solo—Mr. Arthur Lungley, "Four and Twenty Sailormen" (Coleridge-Taylor).
 8.31: Instrumental trio (violin, cello and piano)—"Marche Militaire" (Schubert).
 8.37: Pianoforte solos—Miss Muriel Caddie, (a) "Consolation No. 3" (Liszt); (b) "Nocturne" (Bisley).
 (Continued on page 14.)

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