Programmes Continued

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9,27: Soprano solo-Miss Moana Goodwill, "Believe Me If All Those En- A WRITER in London "Popular 8.55: Tenor solo-Mr. Herbert Richards, "I Know of Two Bright Eyes" (Clutsum). dearing Young Charms" (Moore). 9.31: Novelty—The Two Boiled Owls, (a) "Under the Clover Moon" (Bryan

- and Schwartz); (b) novelty.

9.38: Instrumental—The Orchestra, selection, "No, No, Nanette" (Youman).

9.48: Quartet—The Apollo Singers, "Allan Water" (Button).

9.52: Instrumental—The Orchestra, Intest dance novelties.

10.2: National Anthem.

3YA, CHRISTCHURCH (306 METRES)—FRIDAY, JUNE 29.

3 p.m.: Afternoon session-Selected studio items.

4.25: Sports results.

4.30: Close down. 6.0: Children's session—Big Brother. Bedtime stories and birthday greetings. Songs and choruses by pupils of Spreydon School. 7.15: News session.

Chimes and overture. Popular concert.

8.5: Bass solo (with orchestral accompaniment)—Mr. T. D. Williams, "The Floral Dance" (Moss).

8.9: 'Cello solo—Mr. Harold Beck, "As It Fell on a Summer Day" (Popper). 8.14: Soprano solo—Mrs. C. Dulieu, "Life is a Caravan" (Del Riego). 8.18: Saxophone solos—Mr. Munro. (a) "Tyroleau" (Holmes); (b)

'Fantasia.'' 8.23: Tenor solo—Mr. W. Bradshaw, "I'll Sing Thee Songs of Araby" (Clay) 8.27: Instrumental trio—Christchurch Broadcasting Trio, "Trio" (Hummel) 8.37: Contralto solo-Miss Belle Renaut, L.A.B., "My Heart is Singing" (Sans Souci).

8.41: Humorous recitals—Mr. Hiram Dunford, (a) "The Disappearing Fumily" (MS.); (b) "A Story of a Pet Lion" (MS.).
8.45: Cornet and saxophone duet—Messrs. Munroe, "Serenade" (Schubert).
8.50: Contralto and bass duet—The Dinkum Duo, "O That We Two Were

Maying" (Monckton). 8.54: Popular jazz music-Munroe's Orchestra, "Yale Blues" (Ellis).

Weather forecast.

-Mr. T. D. Williams, "The Gay Cavaller" (Breville-Smith) Bass solo-9.11: 'Cello solo--Mr. Harold Beck, selected.

9.16: Soprano sools—Mrs. C. Dulieu. (a) "Laugh and Sing" (Drummond):
(b) "Waiata Maori" (Hill).

9.23: Popular jazz orchestral music—Munroe Orchestra, (a) "Somewhere in Naples" (Zamecnik); (b) "The Doll Dance" (Brown).
9.31: Tenor solo—Mr. W. Bradshaw, "Ailsa Mine" (Newton).
9.38: Instrumental Trio—Christchurch Broadcusting Trio, ballet music

from "Faust" (Gounod).

9.46: Recital—Mr. Hiram Dunford, "The Bells" (E. A. Poe).

9.51: Contralto solo—Miss Belle Renaut, L.A.B., "Now is the Time to Love"

(Gounod).

9.54: Popular jazz orchestral music—Munroe's Orchestra, (a) "Fifty Million Frenchmen" (Fischer); (b) "Breeze" (Hanley).

10.2: Control and bass duet—The Dinkum Duo, "Nocturne" (Chaminade).

4YA, DUNEDIN (463 METRES), FRIDAY, JUNE 29.

3 p.m.: Town Hall chimes.

Results to hand of All Blacks four.

Gramophone recital.
Talk on "Fashions," by a representative of the D.I.C., I.t.l.

3.30: Relay of afternoon-ten music from the Savoy. Studio music.

Relay of music from the Savoy.

Gramophone items. 4.25: Sports results to hand.

4.30 : (Îose down.

Town Hall chimes. 6.1: Children's session-Aunt Sheils and Big Brother Bill, "Happy Folks" Anthem." Song, "The Yeomen of England" (Squire). Song, "Kentuck's Good Morning" (Van Alstyne). Song, "Before the Sun" (Coates). Song, "The Goslings" (Bridge). Letters and birthdays. Recital, Cousin James, selected. Song, "Merry are the Bells" (Shaw). Story for Older Members of the Family. Song, "A Catastrophe." Song with descant, "All Through the Night" (Welsh air).

7.15: News session. 7.30: Address by a member of the Otago Tramping Club. "A Walk Around

8.0: Town Hall chimes. Orchestral selection.

8.10: Bass solos—Mr. Neil Black, (a) "Sleep and the Roses" (Tate): (b)
"Mother Machree" (Ball).
8.17: Flute solo—Mr. Chas. Gibbons, "La Barbadienne" (Barwood).

8.17: Flute solo—Mr. Chas. Gibbons, "La Barbadienne" (Barwood).
8.23: Contralto solo—Miss Dorothy Skinner, "I Heard You Singing" (Coates).
8.26: Recital—Miss Nancy Abernethy, "Mrs. Pinkerton's Bonnet."
8.31: Pianoforte solo—Mrs. Ernest Drake, "Fantasia" (Bach).
8.36: Bass solo—Mr. Neil Black, "The Last Muster" (Pontet).
8.40: Flute solo—Mr. Chas. Gibbons, "Boccaccio" (Suppe).
8.46: Contralto solos—Miss Dorothy Skinner, (a) "Four Ducks on a Pond" (Needham); (b) "Four by the Clock" (Mallinson).
8.51: Recitals—Miss Nancy Abernethy, (a) "The Hero of the Commune" (Anon.); (b) "My Day Out" (Herbert).
9.0: Weather forecast.

9.0: Weather forecast.

Relay of dance musle from the Savoy by Alf. Carey and his Orchestra.

Saturday June 30

1YA, AUCKLAND (333 METRES), SATURDAY, JUNE 30.

2.45 p.m.: Relay description of representative Rugby football match from Eden Park, Anekland versus Waikato.

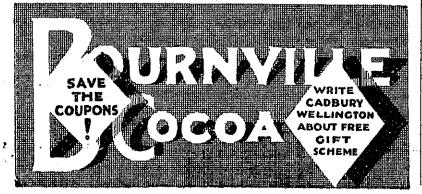
4.30: Close down.

6.0: Children's session-Cinderella: Pianoforte solo, Cousin Catherine, "Bagatelle" (Beethoven). Song, Cousin Dawn, "Peter Rabbit" (Roberts). Story for tiny tots. Letters and birthdays. Planoforte solo, Cousin Catherine, "Allegro" (Schumann). Proverb puzzle, Cinderella and Sunny Jim. Song, Cousin Dawn, "Little Mary Fawcett." Story-time.

. 7.15: News and sports results. Chimes.

8.0: 8.1:

8.0: Chimes.
8.1: Orchestral selection—Record, "Tangled Tunes" (arr. Ketelly).
8.8: Vocal one-step—Lyric Quartet, "The Wanderer" (arr. Lyric Four).
8.12: Vocal and instrumental—Bohemian Trio, "Louisana" (Neat).
8.20: Tenor solo—Mr. Arthur H. Ripley, "Once Again" (Sullivan).
8.24: Wurlitzer organ selection—Record, "Charmaine" (Rapee).
8.28: Bass solo—Mr. Ernest Thomas, "A Chip of the Old Block" (Squire).
8.32: Humour—Mr. Alan McElwain, some humour.
8.37: Orchestral selection—Record, "Tangled Tunes" (arr. Ketelby).
8.44: Vocal quartet—Lyric Four, "Loch Lomond" (Aitken).
8.48: Vocal and instrumental—Bohemian Trio, (a) "Because I Love You" (Berlin); (b) "Hello, Bluebird" (Friend).



report from Italy's most important newspaper, Signor d'Annunzio, the Italian poet and novelist, has become interested in broadcasting, and intends o propound a riddle to the world through the Milan microphone, and to give a prize to anyone who solves it. If life does not already hold enough riddles for you, here is your chance. Who first thought of making the holes in macaroni, and what is the use of them? In view of our climate, why did the Romans stay here (England) for several centuries? Signor d'Annunzio is welcome to those two.

PROGRESS towards the selection and adoption of a universal language was reported at the annual meeting of the International Auxiliary Language Association in New York, Speakers said researches and experiments being made in America and abroad, and that a larger group of consultants on linguistic research had been inaugurated. General James C. Harbord, President of the Radio Cor-poration of America, declared that international understanding and commerce would both be furthered by a neutral language for the world-wide exchange of ideas. Such a language, he said, would constitute a "yard stick" for communication, and would reduce the hesitancy with which many face the attempt to send or receive a message from a person speaking a foreign tongue. His views were sup-ported by Dr. Alfred N. Goldsmith, Chief Broadcast Engineer of the Ra-dio Corporation of America.

THE appearances are that the listening set of the future will become less like a scientific instrument than formerly; that it will be at once a pleasing article of furniture and a musical machine simple of operation, inexpensive of maintenance, and capable of reliability and readily reproducing the music and speech received by One of the certain signs is the disappearance of batteries; their place is being taken gradually by arrange-ments for obtaining power from the house lighting service. That desirable facility will of course be denied to persons who must use their sets in places where no electric light services are provided.

2FC LIMITED, Sydney, has changed its address. It is no longer situated on the roof of Farmer and Company at the north-western corner of Market and Pitt Streets, but has moved across Pitt Street to Her Majesty's Building. The change has been dictated by the considerable enlargement of the station's activities and the building alterations of Farmer and Co. In the new quarters 2FC occupies a large portion of two floors with special large studios specially constructed in the light of past experience for radio work. On the second floor of Her Majesty's Building are situated the filing room, general office, Mr. Anderson's (studio manaoffice, Mr. Williams's (publicity manager) office, accountant's office, board room, and No. 3 studio. The rehearsal room, control room, and Nos. 1 and 2 studios are on the third floor.

THE aerial has two distinct functions to perform. It has to pick the wireless radiation sent out from the broadcasting station and it has to do a certain amount of tuning. Only a portion of the radiation broadcast from a transmitting aerial can possibly reach the receiving aerial. mortant function achieved when the aerial is arranged so that it is free from the screen effect of neighbouring objects, of which trees and metal-framed buildings are the most to be avoided.

A .001 fixed capacity shunted across the primary winding of the first stage A.F. transformer will improve tone considerably if you have not one there already. By employing a condenser in such a position as this, the radio frequency currents are by-passed and kept in their right path, and are not allowed to set up eddy currents in the windings of the trans-formers. Such arresting of radio frequency currents does much towards the improvement of tone.

PCJJ, the Dutch station at Eind-hoven, Holland, is to broadcast on short waves a description of the Olympic Sports. In order that Australian listeners may follow their favourites, these transmissions will be picked up by 2BL, Sydney and rebroadcast on their usual wave-length. Incidentally, PCJJ was the first European station to be rebroadcast in Australia. This feat was accomplished fifteen months ago.

THE superiority of modern radio apparatus to the human car, considered as a listening device, was demonstrated recently in England during an attempt to broadcast the song of that seldom-heard bird, the nightincale. A feathered songster far off in the distance burst into song while the experiment was going on. engineers at the microphone heard nothing, but the song was picked up by the especially sensitive microphone (b) "World Was Once a Garden" (Lohr). that was being used and was broad-0.55: Relay of orchestral music from the Empire Theatre. east, without the knowledge of the en- 10.0: Close down.

8.59: Weather forecast.

9.9: Wurlitzer organ selection—Record, "The Doll Dance" (Brown).
9.4: Humour—Mr. A. McElwain, more humour.
9.9: Vocal quartet—Lyric Four, "Away to Rio" (sailors' chanty), (Bartholomew).

9.14: Relay of dance music by the Internationals from Dixieland Cabaret (under the direction of Mr. Clyde Howley).

11.0: God Save the King.

2YA, WELLINGTON (420 METRES), SATURDAY, JUNE 30.

3 p.m.: Chimes of the G.P.O. clock.
3.1: Relay description of football match from Athletic Park.
6.0: Children's session—Aunt Dot and Uncle Toby, songs, mouth-organ solos, stories, birthday greetings. Radio Dream Trip.

7.0: News session, market reports, and sports results.
7.40: Lecturette—Mr. Edwin Dennis, A.R.C.M., "The Value of Voice Culture in Every Walk of Life" (under the auspices of the Workers' Educational Association).

Educational Association).

8.0: Chinnes of the G.P.O. clock.

8.1: Overture—The Orchestra, "Wanderer's Ziel."

8.11: Vocal quartet—Melodie Four, "Stars of the Summer Night" (Johnson).

8.16: Italian mandolin solos—Mr. Lad Haywood, (a) "Fifty Million Frenchmen Can't Be Wrong" (Fischer); (b) "Nothin'" (Handman).

8.23: Light vocal solo—The Glad Idlers, "If You'll Let Me" (Whidden).

8.28: Jazz piano solos—(a) "If You're in Love You'll Waltz"; (b) "One o'clock Baby."

8.34: Humour—Mr. Geo. Titchener. "Now I Mean to Propose" (Reynolds).

8.39: Bass solo—Mr. W. W. Marshall, "Wi' a Hundred Pipers" (traditional).

8.43: Vocal duet—Messrs. F. Bryant and R. S. Allwright, "The Well of St. Keyne" (Newton).

8.47: Selection—The Orchestra, "Hungarian Rhapsody" (Liszt).

8.47: Selection—The Orchestra, "Hungarian Rhapsody" (Liszt)

8.54: Tenor solo-Mr. Sam. Duncan, "Love, Could I Only Tell Thee" (Capel). 8.58: Weather forecast.

9.0: Request items—The Orchestra.
9.8: Vocal quartet—Melodie Four, "Baby Feet Go Pitter, Patter" (arr. Melodie Four), (sung by request).
9.12: Baritone solo—Mr. R. S. Allwright, "The Old Black Mare" (Squire).
9.17: Italian mandolin solos—Mr. Lad Haywood, (a) "Miss Annabelle Lee"

(Berlin); (b) "Put Your Arms Where They Belong" (Berlin).

(Berlin); (b) "Put Your Arms Where They Belong" (
9.25: Light vocal—The Glad Idlers, medley of popular hits.
9.32: Humour—Mr. Geo. Titchener, "In that Happy Land."
9.37: Song—The Orchestra, "Love's Old Sweet Song" (Molloy).
9.43: Tenor solo—Mr. F. Bryant, "A Song and a Dream" (Cadmas 9.47: Vocal quartet—Melodie Four, "In Absence" (Buck).
9.51: Selection—The Orchestra, "Queen High" (Gensler).

10.1: Dance programme, with vocal choruses by the Glad Idlers. 11.0; Close down.

3YA, CHRISTCHURCH (306 METRES) - SATURDAY, JUNE 30.

2.45 p.m.: Relay description of Rugby football match from Lancaster Park. 6.0: Children's session—Uncle Sam and Aunt May, Bed-time stories, songs and birthday greetings.

7.15: News session. 7.30: Sports results.

8.0: Chimes and overture. Vaudeville programme.

8.5: Tenor solo—Mr. David McGill, "Little French Baby" (Grant).
8.9: Mouth-organ solos—Mr. J. F. Peters, (a) "Marche Militaire" (MS);

(b) Popular melodies. 8.14: Happy songs at the plane (with ukulele)-The Joyous Trie, happy

songs and hits (MS.). 8.22: Duet of jazz piano novelties—Misses Muriel Johns and Dorothy John-

son, popular and latest jazz numbers (MS.). 8.27: Soprano solo—Miss Mabel Thomas, "Tis the Harp in the Air" (from "Maritana") (Wallace).
8.31: Banjo solo—Mr. George Dunn, "Telling the Birds, Telling the Bees"

(Brown and Friend).

8.36: Scottish song—Mr. Bracey Wilson, "Up in Scotland" (Lauder). 8.40: Instrumental trios—Christchurch Broadcasting Trio, (a) "Allegro".

(Gade); (b) "Scherzo" (Gade).

8.48: Recital (an Aussie story)—Mr. Sidney Comfort, "A Tail of the Horse-stralian Bush" (own are.).

8.54: Soprano and tenor duet-Miss Mabel Thomas and Mr. David McGill. "Charmaine" (Roper and Pollock).

8.58: Weather forecast.

9.0: Overture. 9.5: Tenor solo—Mr. David McGill, "Siciliana" (from "Cavalleria Rusti-

cana") (Mascagni).

9.9: Mouth-organ solos—Mr. J. F. Peters, medicy of old-time tunes (MS.).

9.14: Happy songs at the piano (with ukulele)—The Joyous Trio, "Brightest of Joyous Songs" (MS.).

9.22: Jazz piano novelty duets-Misses Muriel Johns and Dorothy Johnson, latest jazz (MS.). 9.27: Soprano solo—Miss Mabel Thomas, "The Dream Boat" (Novello).
9.31: Banjo solos—Mr. George Dunn, (a) "Drifting and Dreaming" (Alstyne); (b) "Don't Sing Aloha When I Go" (Moret).
9.38: Scottish song—Mr. Bracey Wilson, "Roamin' in the Gloamin'"

(Lauder). 9.42: Instrumental trios-Ohristchurch Broadcasting Trio, (a) "Canzonetta"

(Mathias); (b) "Dance" (Scharwanka). 9.50: Burlesque lecture—Mr. Sidney Comfort, "Never Look a Gift Horse in the Mouth" (own arr.).

9.55: Soprano and tenor duet—Miss Mabel Thomas and Mr. David McGill.
"The Garden of Your Heart" (Dorel). 9.59; Dance music until 11 p.m.

11.0: Close down.

4YA, DUNEDIN (463 METRES), SATURDAY, JUNE 30. 2,45 p.m.: Relay description of Rugby football match from Carisbrook

50: Close down

7.15: News session.
7.30: Address on "The Industrialisation of the East," by Mr. W. Boroman,
M.A. (under the auspices of the Workers' Educational Associa-Town Hall chimes. 8.1: Relay of orchestral music from the Empire Theatre Orchestra, under

the direction of Mr. Chas. Parnell
8.11: Soprano solos—Miss Agnes Guy. (a) "Amber and Amethyst" (Carse);
(b) "June Rapture" (Lehmann).

8.17: 'Cello solo—Mr. P. J. Palmer, "Romance" (Saint-Saens). 8.22: Bass solo—Mr. Tom Cooper, "The Company Sergeant-Major" (Sander-

son). 8.26: Instrumental trios (violin, 'cello, and piano), (a) "Gavotte" (Gautier); (b) "Serenade to the Moon" (Esipoff).
8.34: Contralto solos—Miss Irene Horniblow, L.R.A.M., (a) "Home, Little Maori, Home" (Hill); (b) "Maori Slumber Song" (Te Rangi

Pai).

8.40: Recital—Miss Molly Gallagher, F.T.C.L., "The Rehearsal" (Wiggins).

8.45: Violin solos—Mr. Harold Riddle, L.T.C.L., (a) "Berceuse" (Sammons);

(b) "Gavotte" (Gossec).

(0) "Gavotte" (Gossec).

8.51: Baritone solo—Mr. Arthur Lungley, "Can't Remember" (Goatley).

8.54: Pianoforte solos—Mrs. Ernest Drake, L.A.B., (a) "Bruyeres" (Debussy); (b) "La Piccola" (Leschetezsky).

8.59: Weather forecast.

9.3: Relay of orchestral selections from the Empire Theatre.
9.13: Soprano solo—Miss Agnes Guy, "I Know a Bank" (Shaw).
9.15: 'Cello solo—Mr. P. J. Palmer, "Arlequin" (Popper).
9.20: Bass solos—Mr. Tom Cooper, (a) "The Floral Dance" (Moss); (b)
"Youth" (Allitsen).

9.27: Instrumental trio (violin, 'cello, and piano)—"Andante" (Reissiger).
9.34: Contraito solo—Miss Irene Horniblow, "Little Coon's Prayer."
9.27: Recitals—Miss Molly Gallagher, (a) "Portia and Her Suitors," from
"The Merchant of Venice" (Shakespeare); (b) "Of Course"
(humorous monologue).

9.45: Violin solo—Mr. Harold Riddle, "Cavatina" (Heary). 9.50: Barifone solos—Mr. Arthur Lungley, (a) "So Fair a Flower" (Lohr); (b) "World Was Once a Garden" (Lohr).

Continued on page 14.)