

Programmes Continued

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4YA DUNEDIN (463 METRES)—FRIDAY, OCTOBER 14

- 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.
 4.0: Cookery talk, by Miss M. Puechegud.
 4.15: His Master's Voice Recital.
 4.30: Close down.
 7.0: Town Hall chimes.
 7.1: Children's session, by Big Brother Bill.
 8.0: Studio concert.
 8.1: Baritone solos—Mr. J. Clark, (a) "Myself When Young," Lehmann; (b) "The Pirate King," Sullivan.
 8.8: Guitar solos—Mr. Norman Scurr, "Hawaiian Melodies."
 8.11: Humorous—Mr. Jesse Benfell, "Animal Imitations."
 8.16: Light vocal—Mr. Billy Gay, (a) "That's a Good Girl," Berlin; (b) "She Knows Her Onions."
 8.24: Violin solos—Mr. A. Roberts, (a) "Cavatina," Raff; (b) selected.
 8.33: Humorous—Mr. Jesse Benfell, "The Gardener's Story."
 8.39: Guitar solo—Mr. Norman Scurr, selected.
 8.42: Baritone solos—Mr. J. Clarke, (a) "When the Sergeant-Major's on Parade"; (b) selected.
 Address—Workers' Educational Association.
 9.5: Dance music by Ern. Beecham and His Orchestra, relayed from the Savoy.
 10.0: Close down.

Saturday, October 15th

1YA AUCKLAND (333 METRES)—SATURDAY, OCTOBER 15.

- 7.15 to 7.45 p.m.: News and sports results.
 8.0: Relay of Municipal Band from Town Hall. Mr. Christopher Smith, conductor.
 9.30: Relay of dance music from Click-Clack Cabaret by the Click-Clack Radio Orchestra, under Mr. Walter Smith.
 11.0: A thought.
 11.1: Close down.

2YA WELLINGTON (420 METRES)—SATURDAY, OCTOBER 15.

- 3 p.m.: Gramophone recital and relay of Manuel Hyman's Exhibition Band from Adelphi Cabaret.
 7.0: News session, market reports, and sporting results.
 8.0: Chimes of the General Post Office clock, Wellington.
 8.1: Studio concert by the Petone Black and White Benefit Entertainers. Chorus—The company, "Funiculi Funicula," Denza (Ricordi).
 8.6: Violin—Miss Dorothy Nolan, "Romance," Op. 9, d'Ambrosio (Decourcille).
 8.10: Vocal duet—Miss Margaret Scott and Mr. Les. Boyd, "O, Lovely Night," Ronald (Enoch).
 8.14: Recitation—Miss Kerry Rowe, "The Aspiring Warbler," original.
 8.19: Tenor—Mr. Eddie Napier, "Meadow Lark," Keidel and Fiorito (Albert).
 8.23: Humorous sketch—Miss Jean Leadbetter and Mr. W. Rowe, "Packing Up," original.
 8.33: Song and chorus—Mr. R. Park and the company, "Eileen Alannah."
 8.38: Piano duet—Miss Margaret Scott and Mrs. Woodley, "Qui Vive," Ganz (Ashdown).
 8.43: Soprano solo—Miss Sheehan, "Lay My Head Beneath a Rose," Falkenstein.
 8.47: Recitation—Miss Molly Bradstock, "Bertie," original.
 8.52: Soprano solo and chorus—Miss Molly Keating and Maori boys of the company, "Waiata Maori," Hill (McIndoe).
 8.56: Instrumental—Studio Orchestra, selected.
 9.2: Maori vocal and instrumental—Maori members of the company, "Maori Melodies," traditional.
 9.14: Vocal duet—Messrs. R. Park and J. Warren, "I'm Telling the Birds," Wendell Hall (Albert).
 9.18: Recitation—Mr. W. Rowe, "Little Nell" ("The Old Curiosity Shop"), Dickens.
 9.23: Tenor solo—Mr. Les. Boyd, "Kashmiri Song," Woodforde-Finden (Boosey).
 9.27: Violin solo—Miss Dorothy Nolan, selected.
 9.31: Vocal—Miss Joan Craig, selected.
 9.34: Piano duet—Miss Margaret Scott and Mrs. Woodley, "Doll Dance," Brown (Allan).
 9.39: Vocal duet—Mr. R. Park and Miss Margaret Keating, "Charmaine," Rapee and Pollack (Allan).
 9.43: Elocutionary—Miss Kathleen Bartosh, selected.
 9.48: Chorus—The company, closing chorus.
 9.53: Instrumental—Studio Orchestra, selected.
 10.0: Relay of Charles Dalton's Columbian Solo Six Dance Orchestra from the Columbian Cabaret, Kilbirnie.

3YA CHRISTCHURCH (306 METRES)—SATURDAY, OCTOBER 15.

- 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 Grand Picture Theatre Orchestra, under conductorship of Mrs. Black.
 8.10: Banjo solo—Mr. Arthur Hodgson, "Advance Guard," Bonheur (Paxton).
 8.14: Violin solo—Mr. Robert Clarke, "Pregiera," Tartini-Kreisler (Schott).
 8.18: Baritone solo—Mr. W. J. Salkeld, "King of the Mist," Jude (Larway).
 8.22: Banjo and mandolin duet—Messrs. Perce Skinner and Stan. Birch, (a) "Colonel Bogey March," M.S.; (b) "Popular Chorus Switches," M.S.
 8.32: Recitation—Mr. James Laurensen, "Home Brewed," Thomas (Putnam).
 8.36: Instrumental trio—Christchurch Broadcasting Trio, "Hungarian Dance, No. 3," Brahms (Metzler).
 8.40: Banjo solo—Mr. Arthur Hodgson, "Comical Coons," Grimsbaw (Essex).
 8.43: Baritone solo—Mr. W. J. Salkeld, "The Gallant Salamander," Barnard (Enoch).
 8.47: Violin solo—Mr. Robert Clarke, Mazurka in "A Minor," Chopin-Kreisler (Schott).
 8.52: Banjo and mandolin duet—Messrs. Perce Skinner and Stan. Birch, "Old Darkie Melody Switches," M.S.
 8.57: Recitation—Mr. James Laurensen, "And Yet I Don't Know," Weston.
 9.0: Relay from Grand Theatre.
 9.10: Banjo solo—Mr. Arthur Hodgson, "Il Bacio," Arditi (Boosey).
 9.14: Instrumental trios—Christchurch Broadcasting Trio, (a) "Souvenir de Sorrento," Severne (Cincaf); (b) Prelude in "C Minor," Rachmaninoff (Metzler).

EMPIRE BROADCASTS

AN EMBASSY COMING

VISION OF THE FUTURE.

Recent successes in international broadcasting by stations in Europe and the United States and later the re-broadcasting in Great Britain of a programme from 2FC, Sydney, have created intense interest in Great Britain.

There has been a strong demand that the British Broadcasting Corporation, which is controlled by the British Post Office, should instal a short wave transmitter of high power similar to successful European and United States transmitters for Empire broadcasting. Engineers of the Broadcasting Corporation, however, have taken a strong stand against this proposal, declaring that wireless telephony has not yet been developed sufficiently to permit successful and dependable Empire broadcasting to be attempted. Led by the Wireless Association of Great Britain most wireless interests have strongly criticised the stand of the Broadcasting Corporation.

A communication was received in Melbourne recently from the secretary of the Wireless Association of Great Britain (Mr. H. A. Hankey) stating that he will visit Australia, New Zealand, and other parts of the Empire shortly to obtain technical evidence confirming the possibility of establishing Empire broadcasting services.

SMALL BOOM COMING.

Broadcast listeners are going to take up short-wave reception in great numbers before long, and radio dealers will advisedly prepare for the boom by laying in stocks of short-wave component parts. The wireless writer of the Melbourne "Argus" says:—It seems certain that within a year or two hundreds of international short-wave broadcasting stations situated in all parts of the world will be working.

INCREASING SELECTIVITY

A NEW IDEA VENTILATED.

"Nature," of August 13, 1927, says:—The ether is becoming seriously overcrowded with radio waves. Two or more stations having nearly the same official frequency often "jam" one another in an ordinary receiving set. The problem of inventing a simple method of cutting out the interfering stations is, therefore, one of great importance to the radio engineer. In a paper read by G. G. Blake to the Radio Society of Great Britain on May 25, a description is given of a method of improving the selectivity of a receiving set by means of ordinary sound resonators. The results obtained were most encouraging. Even when several stations were working with considerable mutual interference and bad atmospheric were present, it was found possible to isolate the selected station by means of a sound resonator. It is concluded that there is no reason why many more frequencies could not be selected for stations in the wave bands at present employed for broadcasting. The author suggests that by the use of a hot wire microphone and a number of sound resonators each tuned to a different station, all the signals could be heard or recorded simultaneously. He points out that the hot wire microphone or thermotelephone receiver was described by Sir William Preece to the Royal Society in 1880. It consists of a tightly stretched fine platinum wire fixed at one end and attached at its other extremity to the centre of a diaphragm. The wire is heated by a current from a battery, and the expansion or contraction of a wire in response to words spoken towards a microphone in series with it cause the diaphragm to vibrate.

Concerning the recent short-wave concert broadcast by 3LO, Melbourne, a Melbourne writer says: "No one expected 100 per cent. of success at this early stage. The British Broadcasting Company, older, possessed of special research scientists, aided by amateurs with years of experience, has not yet been able even to make a start in world broadcasts. 3LO has gone much further than its older brethren among stations. The success on September 6 was a qualified one as far as transmission went. Heard clearly in Java, less so in Japan, the signals were picked up fairly in Holland, and a certain speech was heard in London in the latter hours of the Wednesday morning's transmission, as night there was falling. That measure of success is gratifying to a station which had just begun to operate its short-wave instruments."

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- 9.22: Baritone solo—Mr. W. J. Salkeld, "Will o' the Wisp," Cherry (Ashdown).
 9.26: Relay of dance music from Caledonian Hall, by arrangement with Mr. Reg. Stillwell.
 9.40: Rebroadcast 2YA, Wellington, circumstances permitting, otherwise relay continued from Caledonian Hall.
 Close down.

4YA DUNEDIN (463 METRES)—SATURDAY, OCTOBER 15.

- 7.15 p.m.: News service.
 8.0: Town Hall chimes.
 8.1: Tenor solos—Mr. J. McDonald, (a) "Homing" (del Riego); (b) "You in a Gondola."
 8.8: Cello solo—Mr. A. Bonner, "Ave Maria" (Schubert).
 8.13: Recital, Mr. J. B. McConnell, "A Dorg's Life."
 8.18: Mezzo-soprano solos—Miss Yanda Duncan, (a) "Vorre" (Tosti); (b) "The Virgin Lullaby" (Picolomini).
 8.24: Piano solo—Miss J. Lawrence, selected.
 8.25: Violin solo—Mr. A. R. Watson, "Indian Lament" (Kreisler).
 8.33: Baritone solos—Mr. Reg. Richards, (a) "Ships of Yule"; (b) "The Devout Lover" (White). Violin obbligato by Mr. Watson.
 8.39: Cello solo—Mr. A. Bonner, selected.
 8.42: Vocal solos—Master Eric Johnston, (a) "Wet Sheet and a Flowing Wind" (Dunhill); (b) "Freckles."
 8.49: Recital—Mr. J. B. McConnell, "Jimmy's Boots."
 8.54: Contralto solos—Miss Rita Raffills, (a) "If Any Little Song of Mine" (del Riego); (b) "Song of Hope" (Wood).
 9.1: Piano solo—Miss J. Lawrence, selected.
 9.6: Tenor solos—Mr. J. McDonald, (a) selected; (b) selected.
 9.15: Violin solo—Mr. A. R. Watson, "Balet" from "Orpheus" (Gluck).
 9.20: ———
 9.23: Cello solo—Mr. A. Bonner, selected.
 9.33: Baritone solos—Mr. Reg. Richards, (a) "Annie Laurie" (Lehman); (b) "Eleanore" (Coleridge Taylor).
 9.41: Recital—Mr. J. B. McDonald, selected.
 9.46: Piano solo—Mr. J. Lawrence, selected.
 9.52: Contralto solos—Miss Rita Raffills, (a) "Ships of Arcady" (Head); (b) "Four by the Clock" (Mallinson).
 10.0: Close down.

Sunday, October 6th

1YA AUCKLAND (333 METRES)—SUNDAY, OCTOBER 16.

- 6.55 p.m.: Relay of church service from St. David's Presbyterian Church. Preacher, Rev. D. C. Herron. Organist, Mr. E. C. Craston.
 8.30: Relay of organ music from Auckland Town Hall. Organist, Mr. Maughan Barnett.
 9.30: A thought.
 9.31: Close down.

2YA WELLINGTON (420 METRES)—SUNDAY, OCTOBER 16.

- 6.55 p.m.: Relay of evening service from the St. Gerard's Roman Catholic Church, Hawker Street. Preacher, Rev. Father Campbell. Choirmaster, Mr. F. G. Oakes.
 8.15: Relay of the band concert of the Port Nicholson Silver Band from the Grand Opera House.

3YA CHRISTCHURCH (306 METRES)—SUNDAY, OCTOBER 16.

- 5.45 p.m.: Song service from 3YA Studio, by Uncle Sam.
 6.30: Relay of evening service from Sydenham Methodist Church (Sunday School anniversary). Preacher, Rev. H. J. Odell. Conductor, Mr. G. Rawlinson. Organist, Mr. L. G. Rickard.
 Vocal solo—Miss Ada Anderson, "But the Lord is Mindful of His Own," Mendelssohn.
 Organ solo—Mr. L. G. Rickard.
 Vocal solos, duets, and concerted items by the scholars of the school.
 8.15: Rebroadcast 2YA, Wellington, conditions permitting.
 Close down.

4YA DUNEDIN (463 METRES)—SUNDAY, OCTOBER 16.

- 6.30 p.m.: Relay of service from Knox Church. Preacher, Rev. Tulloch Yuille, M.A. Organist, Mr. W. Paget Gale.
 8.0: Studio concert.
 9.0: Close down.

A proposal which may seem fantastic, but may be some day realised, is made by an English correspondent, G. Chapman, in "Wireless World" (London), to the effect that, with the increasing demand for television, a worldwide wave-length should be set aside for synchronising signals. A highpower station, according to this plan, would be devoted to sending forth standard-frequency signals of this kind, by which all television machines could be regulated, as well as radio clocks operate. While in the future, this idea seems like one which may be practical with the development of the art.

The new broadcast station at Innsbruck, in the Tyrol, relays Vienna programmes on 294 metres, 500 watts. This station is linked with the studio by four hundred miles of land-line. Of this distance a large portion is covered by power lines, over which the programmes are sent at radio frequency. They are again stepped down at Worgl, 45 miles from Innsbruck, and complete the journey by regular telephone cable. A high-power, long-wave (900-1300-meter) station has been established in Warsaw by the "Polskie Radio" broadcast company. It has a 1000-watt output, and is erected on the Szczerbiwice fort outside the city. The height of the masts is 275 feet.

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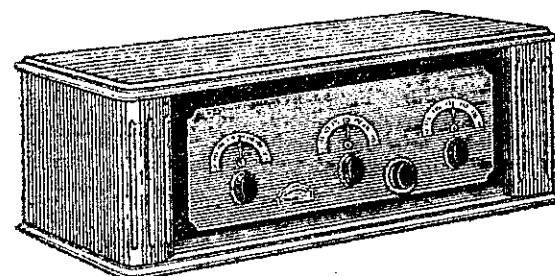
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