Full Programmes for Next

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NOTES AND COMMENTS

(By "Switch.")

T UNDERSTAND that the P. and T. Department has not enough radio inspectors to comply with the Welling-ton Amateur Radio Soclety's request for a house to house inspection of receiving sets, to ascertain whether those which are designed to be neutralised are really neutralised correctly.

"BASSO" (Kelburn) writes: "The Wellington municipality has a very fine city organ and a highly qualified organist, who plays to a mere handful of people every Sunday night. I am afraid the public regard these Sunday night concerts as too highbrow, but what is wrong about broadcasting an organ item every Sunday night, so that the citizens who happen to be radio licensees can hear their own grand organ?"

A FRIEND was telling me the other day that he had purchased one of the new super-power valves, but he was dissatisfied with the results which did not come up to expectations. I queried him about it, and elicited the fact that he was employing only 6 volts filament current, although the valve was designed for 7½ volts! You can't get the best results unless you follow the manufacturer's instructions.

"SOLDER" (Palmerston North) writes: "I have been looking over constructional details for building a television receiving set, published in an American radio magazine. Is there any possibility of television broadcasts from Australian stations within the near future?" No suggestion of such a possibility has appeared in the Australian Press. So far as this part of the world is concerned, television is a very long way off.

"ARE automatic controls of filament voltage in a radio set completely satisfactory?" queries "Rheo" (Wanganui). The best makes of these automatic controls will be found to be thoroughly efficient, but great care should be taken to purchase controls which are manufactured for the valves in use. These controls are designed with various characteristics.

"T HAVE been thinking of sending to a Pennsylvanian company for aluminium shielding for my homebuilt set. Do you consider aluminium efficient for that purpose?" Shielding of that material is used by many of the leading makers throughout the

TWO Wellington listeners inform me that they have picked up the Palmerston North stations on occasional nights. One listener operates a fivevalve neutrodyne set, and the other a six-valve tuned radio-frequency set.

A WELLINGTON radio company is importing the complete units of the electro dynamic cone loudspeakers without the valve amplifying section. The ordinary multivalve radio set can give good amplification under the above conditions. These speakers, fitted in a handsome cabinet, will be retailed at about eighteen or twenty Everyone I have met who has heard an electro-dynamic loudsneaker declares that it is just about the last word in tone and volume.

SEVERAL listeners have asked me where they can find the Japanese stations on their tuning dials. JOHK is just below 4QG, Brisbane, and JOAK occupies a similar position with respect to 2BL, Sydney.

A RADIO acquaintance confidently assured me that the electrical interference so widely experienced around Wellington was due to the electrical plant on a certain steamer then in port. When the vessel left port and was some 120 miles from Wellington the electrical interference was

HAVE you any record of the year in which the exponential horn was first brought out and who was the inventor?" asks "Melody" (Masterton). Why is it called 'exponential'?" As far back as 1924 two American engineers evolved the exponential horn. They were Messrs. Hanna and Slepian. This type of horn, however, was not developed for radio purposes until some years later. It is called "exponential" pecause any particular crosssectional area and its corresponding distance from the small end of the horn are related by a mathematical equation containing the quantity (2.7 The approximately). more slowly the horn expands, the deeper the note with which it can deal, provided the area of its mouth is sufficient to prevent back reflection of the

THE other night we heard an announcer state that the band would play a certain item, but, behold, the band played something widely different. Now, why can't the announcer and the bandmaster get together tween items and agree as to what is to be performed. If they can't agree let them toss for it.

Sunday, July 15

1YA, AUCKLAND (333 METRES)—SUNDAY, JULY 15.

3 p.m. Afternoon service by the International Bible Students' Association. 4.30: Close down.

6.0: Children's song service conducted by Uncle Leo, assisted by cousins from Beresford Street Sunday School.

6.55: Relay of service from Devonport Methodist Church—Preacher, Rev. J. F.

ay of service from Devonport Methodist Church—Preacher, Rev. J. F. Martin; organist, Mr. Len Elliott; choirmaster, Mr. F. W. Beck).

During the evening a sacred cantata will be rendered entitled "The Daughter of Jairus" (Sir John Stainer). This cantata is an excellent example of the imaginative yet reverent handling of a Scriptural incident. The "Wailing" for female voices, the duet "Love Divine," and the scarcely less well-known tenor solo "My Hope is in the Everlasting" are among the features that have ensured for the work a long and legitimate popularity. The inspiring subject is treated in broadly vigorous and declamatory phases by the composer, who has infused into his choruses an eloquence that renders them very attractive. This cantata was first performed at the closing service of the Worcester Triennial Musical Festival in 1878, for which it was expressly composed. Soloists: Soprano, Miss Alma McGruer; tenor, Mr. Arthur Soloists: Soprano, Miss Alma McGruer; tenor, Mr. Arthur Ripley; bass, Mr. Frank Sutherland. 8.30: Relay of Grand Organ selections from the Town Hall (organist, Mr.

Manghan Barnett). 9.30: Close down.

2YA, WELLINGTON (420 METRES), SUNDAY, JULY 15.

9 a.m.: Result of "All Blacks" Match in South Africa.

9.15: Close down.

3 p.m.: Afternoon session—Selected studio items. 4.30: Close down.

6.0: Children's Sunday service conducted by Uncle Ernest, assisted by the Girl Guides.

6.55: Relay of Benediction service from St. Gerard's Redemptorist Church,

Hawker Street. Organ solo-"O Divine Redeemer" (Gounod).

Rosary—With choral responses. Antiphon—"Salve Regina."

Sermon.

Motets—"O Sacred Heart" (Stevenson); "Magnificat" (L'Abbe Lambilotte); "To Jesus, Heart All Burning' (traditional).

Motets---"O Salutaris Hostia" (Silver); "Panis Angelicers" (Palest-trina); "Tantum Ergo" (Verdussen); "Divine Praises" (Anon.); "Adoremus and Laudate Dominum" (Gladstone); "Jesu Dei

Vivi" (Anon.). Organ solo—Finale, "Marche Solelle" (Mailly). Conductor, Mr. Frank J. Qakes. Organist, Mr. Henry Mount.

8.15 (approx.): Relay of Band recital of the Wellington Municipal Tramways' Band from His Majesty's Theatre (conductor, Mr. T. Goodall).

3YA, CHRISTCHURCH (306 METRES)-SUNDAY, JULY 15.

9.0 a.m.: Result of "All Blacks" match in South Africa. 3 p.m.: Afternoon session—Selected studio items.

4.30: Close down.5.30: Children's song service conducted by Uncle David, assisted by the scholars from St. Albans Baptist Sunday School.

6.30: Relay of evening service from Oxford Terrace Baptist Church. Preacher, Rev. J. Robertson, M.A.; choirmaster, Mr. Vic. Peters; organist, Mr. Melville Lawry.
7.45: Selected items from the studio.

8.15 (approx.): Rebroadcast of 2YA Wellington (relay of concert by Municipal

Tramways' Band from His Majesty's Theatre, Wellington). God Save the King.

4YA, DUNEDIN (463 METRES)—SUNDAY, JULY 15.

5.30: Result of First Test Match at Johannesburg between the "All Blacks"

and South Africa.
5.31: Children's song service conducted by Big Brother Bill, assisted by the

scholars of the Maori Hill Presbyterian Sunday School.

8.15: Relay of organ recital by Mr. E. Haywood, F.R.C.O.
6.30: Relay of service from St. Paul's Anglican Cathedral.
8.0: Studio concert.

9.15: Close down.

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Monday, July 16

IYA, AUCKLAND (333 METRES), MONDAY, JULY 16. SILENT DAY.

2YA, WELLINGTON (420 METRES), MONDAY, JULY 16.

3 p.m.: Chimes of the G.P.O. clock. 3.1: Selected gramophone items. 4.30 and 4.55: Sports results to hand.

5.0: Close down.
6.0: Children's session—Aunt Gwen and Uncles Jeff, Ernest, and Toby—Special birthday programme. Song, Cousins Joyce, Ailsa, Zena, and Rosina, "Birthday Song" (Tayler). Chorus, the Uncles, selected. Talk, Uncle Ernest, "Wonders of the Middle Ages" (original). Talk, Uncle Toby, "The Future" (original). Chorus, the Family, selected.
7.0: News session. market reports, and sports results.
7.40: Lecturette—Mr. H. South, "Books, Grave and Gay."
8.0: Chimes of the G.P.O. clock.

A Special Anniversary Programme to Celebrate the Opening of Station 2YA on July 16, 1927.

8.1: Overture—The Orchestra, "Finlandia" (Sibelius).
8.9: Soprano solos—Miss Nora Gray, (a) "Snowflakes" (Mallinson); (b) "Only the River Running By" (Hopkins).
8.16: Instrumental quintet—Miss Ava Symons, Mrs. Eric Meier, Mrs. Hector, and Messrs. G. Ellwood and G. Short (first violin, second violin, viola, 'cello, and piano). "Quintet" (Dvorak).
8.32: Baritone solos (with violin obbligato)—Mr. Neville-Smith, (a) "O Lord Most Holy" (Franck): (b) "The Last Hour" (Kromer).
8.39: Violin solo (with orchestral accompaniment)—Miss Ava Symons, "First Movement of Concerto" (Mendelssohn).
8.49: Contralto solos—Miss Nora Greene, (a) "What the Chimney Sang" (Griswald): (b) "Love's Old Sweet Song" (Molloy).
8.56: Humour and recital—Mr. Norman Aitken, (a) "I Don't Want My Cigar to Go Out" (Leo); (b) "Backwoods of the West" (Service).

vice).

9.2: Weather forceast.

9.4: Maori melodies—Miss Mona Love and party, (a) "Maori Chant" (traditional); (b) "Pokare Kare" (Hill).

9.11: Instrumental—The Orchestra, ballet music from "Coppelia" (Delibes):

(a) "Slavonic Theme with Variations"; (b) "Festival Dance and Walfz of the Hours"; (c) "Nocturne"; (d) "Automaton Music

Waltz of the Hours"; (c) "Nocturne"; (d) "Automaton Music and Waltz."

9.29: Baritone solos—Mr. Nevill-Smith. (a) "When the House is Asleep" (Haigh); (b) "White Ships" (Gray).

9.36: Pianoforte solo (with orchestral accompaniment)—Mr. Gordon Short, "Capriccio" Brillante" (Mendelssohn).

9.49: Tenor solos—Mr. Sam. Duncan. (a) "M'Appari Tutt Amari" from "Martla" (Flotow); (b) "Passing By" (Purcell).

9.45: 'Cello solo (with orchestral accompaniment)—Mr. Geo. Ellwood, "Variations Symphoniques" (Boellmann).

9.57: Vocal quartet—Melodle Four, (a) "The Moon Man" (Macy); (b) "Peter the Cat" (Eastman).

10.4: Hawaiian instrumental numbers—Miss Mona Love and party. (a) "Song of Hawaii" (Bories); (b) "Palikiko Blues" (Palikiko).

10.11: Humour—Mr. Norman Aitken, (a) "He's an Awfully Nice Fellow to Speak To" (Weston and Lee); (b) "The Hartist's Model" (Rutherford).

(Rutherford). 10.17: Instrumental—The Orchestra. (a) "Songs My Mother Taught Me" (Gipsy song); Dyorak); (b) "Slavonic Rhapsody, No. 3"

(Dvorak). God Save the King

3YA, CHRISTCHURCH (306 METRES), MONDAY, JULY 16.

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

4.25: Sports results. 4.30: Close down.

6.0: Children's session-"Scatterjoy," story for the tiny tots. Cousin Kathleen, "There are Fairies at the Bottom of Our Garden" (Lehmann). Story, "Progress of Lights, Ancient and Modern." Instrumental music by the Rennie Trio of Girls. Story, "All About the Arctic and the Eskimos." Birthday greetings and a box of tricks.

7.15: News session.

8.0: Chimes.
Band programme by Woolster Brass Band, under the conductorship of Mr. R. J. Estall. and assisting artists.
8.1: Overture—Band, "Boulder City" (Hume).
8.5: Baritone solo—Mr. Percy Davies, "A Song of Waiting" (Wright).
8.9: Tenor trombone solo—Master E. Williams (with band accompaniment), "Walthers's Prize Song" (from "Meister Singers") (Wagner)

ner).
8.13: Soprano solo—Miss Hilda Hutt, "Love's a Merchant" (Carew).
8.17: Tenor solo—Mr. T. G. Rogers, "The Toilers" (Piccolmini).
8.21: Comic song—Mr. Basil Johnson, "I Wonder How I Look When

Asleep" (De Sylva).

**Asleep" (De Sylva).

**Selection—Band, "Boccaccio" (Suppe).

**S.5: Selection—Band, "Boccaccio" (Suppe).

**S.5: Contralto solo—Mrs. D. W. Stallard, "A Summer Night" (Thomas).

**S.30: Waltz—Band, "Casino Tanze" (Gungl).

**Soprano and tenor duet—Miss Hilda Hutt and Mr. T. G. Rogers,

**Down in the Forest" (Ronald).

8.50: Recital-Mr. James Laurenson, "Adventures of Billy Smith" (Smile

Smith). 8.56: Weather forecast.

God Save the King.

9.2: Baritone seles—Mr. Percy Davies, (a) "Any Old Place I Can Hang My Hat" (tramp song); (b) "When Bright Eyes Glance" (Hedg-

9.10: Humoresque-Band, "Slidin' Thro' the Rye" (Truman).

9.10: Humoresque—Band, "Slidin' Thro' the Rye" (Truman),
9.17: Soprano solo—Miss Hilda Hutt, "Mighty Lak a Rose" (Nevin),
9.21: Selection—Band, "Highland Memories" (Le Duc).
9.31: Tenor solo—Mr. T. G. Rogers, "Beloved, It Is Morn" (Aylward),
9.35: Comic songs—Mr. Basil Johnson, (a) "Holding Mary's Hand" (Burley and Bull); (b) "Do I? Yes, I Do" (Silberman).
9.43: Euphonium solo—Bandsman T. H. Hughes (with band accompandment), "The Cavalier" (Sutton).
9.48: Contralto solos—Mrs. D. W. Stallard, (a) "When the Tide Comes In" (Millard); (b) "The Little Old Cabin in de Lane" (Jubileg song).

9.55: Recital—Mr. Jas. Laurenson, "Our Two Opinions" (Field), 10.0: March—Band, "Brigade of the Guards" (Hawkins).

4YA, DUNEDIN (463 METRES), MONDAY, JULY 16.

SILENT DAY.

