

- 9.18: Vocal solo, with piano and clarinet—Sidney Burthall, "Charmaine" (Rapee), (Parlophone A2259).
 9.24: Novelties—The Orchestra, (a) "Naila" (Lange); (b) "In a Clock Store" (Orth).
 9.34: Contralto solo—Essie Ackland, "Love's Old Sweet Song" (Molloy), (H.M.V. C1410).
 9.38: Quartet—Melodie Four, "The Goslings" (Bridge).
 9.42: Instrumental—The Orchestra, popular fox-trot novelties.
 9.52: Dance music.
 11.0: God Save the King.

3YA, CHRISTCHURCH (306 METRES)—SATURDAY, DECEMBER 29.

- 3 p.m.: Afternoon session—Selected studio items.
 4.30: Sports results.
 4.30: Close down.
 6.0: Children's session, conducted by Chuckle and Aunt Pat.
 7.15: News session.
 7.30: Sports results.
 8.0: Chimes.
 8.1: Rebroadcast of 2YA, Wellington.
 10.0: Dance programme.
 11.0: Close down.

4YA, DUNEDIN (463 METRES)—SATURDAY, DECEMBER 29.

- 7.15: News session.
 8.0: Town Hall chimes.
 8.1: Relay of orchestral music from Octagon Theatre Orchestra, under the conductorship of Monsieur Henri de Rose Mus.Bac.
 8.11: Popular song hits—Miss Mona Melville, (a) "Riviera Rose" (Nicholls); (b) "Leonora" (Abrahams).
 8.18: Hawaiian selection—Queenie and David Kaili, "Hawaiian March" (Ellis), Parlophone record A2372.
 8.22: Humorous Scottish song—Mr. Buster Brown, "Aye, Wakin' o" (Lauder).
 8.26: Humorous sketch—Major F. H. Lampen and Mrs. Lampen.
 8.36: Humorous songs at piano—Miss Eileen Cooper, (a) "Being" (Forwood); (b) "Ellen" (Rolt).
 8.42: Relay of orchestral music from the Octagon Theatre.
 8.57: Popular song—Mr. J. B. McConnell, "When You Played the Organ" (Donaldson).
 9.0: Weather forecast.
 9.2: Band novelty—National Military Band, "Christchurch Chimes" (arr. Hare), Zonophone record 5119.
 9.10: Popular song hit—Miss Mona Melville, "Close in Your Arms" (Nicholls).
 9.14: Kinema organ solo—Eddie Horton, "The Adorable Outcast" (Hayes), Parlophone record A2557.
 9.18: Humorous Scottish songs—Mr. Buster Brown, (a) "Jean McNeil" (Lauder); (b) "North, South, East and West" (Lauder).
 9.25: Humorous sketch—Major and Mrs. Lampen.
 9.35: Song at piano—Miss Eileen Cooper, "These Men" (Arphorp).
 9.39: Vibraphone solo—Rudy Star Three, "Diane" (Rapee), Parlophone record A2548.
 Instrumental trio—"Me and My Shadow" (Rose), Parlophone record A2405.
 9.47: Humorous songs and patter—Mr. J. B. McConnell, (a) "Thinking" (Morgans); (b) "The Music in Mother's Eyes" (Sheard).
 9.54: Medley—Savoy Orpheans, "Round the World Medley" (arr. Somers), H.M.V. record C1223.
 10.0: Close down.

Sunday, December 30

1YA, AUCKLAND (333 METRES)—SUNDAY, DECEMBER 30.

- 6 p.m.: Children's session, conducted by Uncle Leo.
 6.55: Relay of Divine service from St. Andrew's Presbyterian Church. Preacher, Rev. George Budd; organist, Dr. Neill McDougall.
 8.30: Soprano solo—Miss Ida Holmes, "Ave Maria" (Gounod).
 8.34: Organ—Four Indian Love Lyrics, (a) "Temple Bells"; (b) "Less Than the Dust"; (c) "Kashmiri Song"; (d) "Till I Wake" (Woodforde-Finden). Col. record 02696.
 8.42: Contralto solo—Mrs. A. Wallis, "And God Shall Wipe Away All Tears" (Sullivan).
 8.46: Baritone solo—Mr. Walter Brough, "It is Enough" (Mendelssohn).
 8.52: Instrumental trio—"Trio No. 1 in B Flat—Allegro Moderato." Col. record 04138.
 9.0: Soprano solo—Miss Ida Holmes, "Come Unto Him" (Handel).
 9.4: Orchestral—"Rakoczy's March," from "The Damnation of Faust." Col. 04155.
 9.8: Contralto solo—Mrs. A. Wallis, "The Lord is My Light" (Allitsen).
 9.12: Band—"March Lorraine." Col. record 02681.
 9.16: Baritone solos—Mr. Walter Brough, (a) "Lord God of Abraham," from "Elijah" (Mendelssohn); (b) "The Diver" (Corelli).
 9.22: Violin—"Humoresque." Col. record 09506.
 9.26: Orchestral, "Dance of the Sylphes." Col. record 04155.
 9.30: God Save the King.

2YA, WELLINGTON (420 METRES)—SUNDAY, DECEMBER 30.

- 3 p.m. to 4.30 p.m.: Afternoon concert.
 6.0: Children's song service, conducted by Uncle George, assisted by the Island Bay Baptist Sunday School Choir.

- 7.0: Relay of evening service of St. Andrew's Presbyterian Church. Preacher, Rev. R. J. Howie, B.A.; organist and choirmaster, Mr. Frank Thomas.
 8.15: Studio concert.
 Orchestral—Berlin Philharmonic Orchestra, "Carnival Romain" (Berlioz), H.M.V. record D1365.
 Tenor solo—Mr. Chas. Williams, "Do We Believe" (St. Quentin).
 Choral—Glasgow Orpheus Choir, (a) "Dimlit Woods" (Brahms); (b) "Great God of Love" (Pearsall). H.M.V. record E482.
 Duet—Miss Florence Stevens and Mr. Chas. Williams, "Love Divine" (Stainer).
 Orchestral—Victor Symphony Orchestra, "Dance of the Hours" (Ponchielli), Zonophone EF12.
 Soprano solo—Miss Florence Stevens, "Fear Not Ye, O Israel" (Buck).
 Duet—Fernand Ansseau and Marcel Journet, "I Am Escamillo," from "Carmen" (Bizet), H.M.V. record DB1098.
 Violin solo—Mischa Elman, "Symphonie Espagnole," Op. 21, 4th Movement (Lalo), H.M.V. DB224.
 Tenor solo—Mr. Chas. Williams, "O Flower Divine" (Wood).
 Choral—Sheffield Choir, (a) "As Pants the Heart" (Spohr); (b) "Break Forth Into Joy" (Barnby). Columbia 02664.
 Soprano solo—Miss Florence Stevens, "A Dream of Home" (Arditi).
 Pianoforte solo—Alfred Cortot, "La Cathedrale Engloutie" (Debussy), H.M.V. DB679.
 Duet—Miss Florence Stevens and Mr. Chas. Williams, "Calm Silent Night" (Goetz).
 Instrumental—Creatore's Band, "Grand March and Finale," Act 2 "Aida" (Verdi), H.M.V. C1339.

3YA, CHRISTCHURCH (306 METRES)—SUNDAY, DECEMBER 30.

- 3 p.m.: Gramophone recital of selected items.
 4.30: Close down.
 5.30: Children's song service, conducted by Uncle David.
 7.0: Relay of service from Knox Presbyterian Church. Preacher, Rev. T. W. Armour; organist and choirmaster, Mr. Billington.
 8.15 (approx.): After-church concert from studio.
 Overture—Berlin State Opera Orchestra, "The Magic Flute" (Mozart), H.M.V. record E464.
 8.23: Tenor solo—Mr. H. Blakeley, "Be Thou Faithful Unto Death" (Mendelssohn).
 8.28: Cello solo—Pablo Casals, "Prize Song" (from "The Mastersingers of Nuremberg"), (Wagner). H.M.V. record DB1012.
 8.32: Bass solo—Mr. E. J. Johnson, "Blow, Blow, Thou Winter Wind" (Sargeant).
 8.37: Orchestral—Philadelphia Symphony Orchestra, "Toccata and Fugue in D Minor" (Bach), H.M.V. record D1428.
 8.55: Tenor solo—Mr. H. Blakeley, "Molly Bawn" (Irish Melody), (traditional).
 8.59: Grand organ solos—(a) "The Lost Chord" (Sullivan); (b) "Largo" (Handel). H.M.V. record C1237.
 9.7: Bass solo—Mr. E. J. Johnson, "Abide With Me" (Liddle).
 9.11: Choral with orchestra—Chorus and London Symphony Orchestra, "Nunc Dimittis." H.M.V. record D1347.
 9.19: Tenor and bass duet—Messrs. H. Blakeley and E. J. Johnson, "The Day is Done" (Lohr).
 9.23: Orchestral—National Symphony Orchestra, "Orpheus in Hades" (Offenbach), Zonophone record EF16.
 9.30: Close down.

4YA, DUNEDIN (463 METRES)—SUNDAY, DECEMBER 30.

- 5.30 p.m.: Children's song service, conducted by Big Brother Bill.
 6.30: Relay of service from the Methodist Central Mission. Preacher, Rev. W. Walker.
 8.0: Gramophone recital.
 9.15: Close down.

Double-Grid Valves

SINCE the description of the amplifier to work from 22½ volts was published last week, local dealers have had numerous enquiries for the 241 valve. Unfortunately this valve is not procurable at present, but by adding another cell in the "A" battery the 441 may be used equally well.

(Concluded from page 11.)
 nals augmented by extra collecting area are increased.

To this there are two very likely causes:—(1) The aerial system is defective. A careful survey should be made of the aerial masts and leads to make quite certain that there are no breaks or leaks. (2) Batteries are weak, and the extra strength from the aerial is so great in proportion to the strength already generated that a marked difference is noticeable. Put the volt meter across the terminals of

the batteries, and the trouble will probably loom up in unmistakable terms.

(Concluded from page 2.)
 the position and determine the basis upon which future trading shall be undertaken. The trade awaits this conference with interest, both on its own behalf and that of the public. Meantime satisfaction can be expressed that apparently the position is in hand, and that no costly litigation will occur to disturb the radio atmosphere.