Full Programmes for Next

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NOTES AND COMMENTS

(By "Switch.")

Ti is less than one hundred years since Michael Faraday discovered electro-magnetic induction between two entirely separate circuits.

A CCORDING to the London "Police Journal," wireless is playing a great part in the inter-communication of police forces in England and on the Continent.

A NOTHER remarkable proof of the efficiency of the British broadcasting service is provided in the annual breakdown statistics of the British broadcasting corporations. The combin-ed British stations in 1927 had 65,299 hours of broadcasting fixed for them, and of this time only 0.03 per cent, or about 19½ hours, was lost through breakdown. Spread over the 20 stations being operated, this represents the loss of about one hour a year for each station through breakdowns. In 1926, the percentage of time lost through break-downs was 0.07, per cent. of the total broadcasting time, while the year be-fore it was 0.09 of the broadcasting time. The British longwave station, 5XX, at Daventry, was the most con-sistently used, broadcasting for about 5000 hours in the year with only 0.07 of this time lost through breakdowns. of this time lost through breakdowns. The London Station 2LO, which transmitted for 3560 hours with a breakdown time loss of only 0.02 per cent., or about 40 minutes in the year, was next.

AFTER you have built a set if you have a voltmeter available take a reading of the voltage between the two filament contacts of your sockets be-fore placing any valves in the set. White it may be true that you have exercised the greatest care in building and checking over your set, the high voltage B battery wire may be crossed with one of the filament or ground wires in such a manner as to place 221 or 45 volts across your filament con-inections instead of the customary 12 or 6-volts of A battery. To test simply touch the two terminals of your voltmeter to the two socket contacts and note what reading the meter gives. It the B battery voltage has been placed on the filament terminals of your sock-et you will be quickly advised of the fact by the high reading of the meter.

THE Lordon Metropolitan Fire Brigade adopted Marconi wireless signalling in 1900, and apparatus was fitted at Mitcham Lane and Streatham Fire Stations, London, S.W.

THE only satisfactory way of choosing a loudspeaker is to hear it working upon your own set.

THE new Paris-Bordeaux express, which accomplishes the journey between these two cities in seven hours and a quarter instead of the usual time of over nine hours, has now a special coach which is equipped with a receiver and picks up broadcast programmes for the entertainment of passengers. About sixty pairs of headphones are provided at present, and it is proposed that the system should be extended to all firstclass compartments. An interesting technical point is that, once the train has moved outside the electrified area of the traction system, the reception is very much improved.

()WING to the said getting on the terminals of an accumulator (wet battery) corrosion frequently occurs here. It may be prevented by smearing over with vaseline I is a good plan to put a little vaseline on any of the exposed metal parts of a wet battery cell such as the connect-ing pieces between the cells.

ALTHOUGH there are no broadcast-A ing stations in Rumania, it is officially estimated that there are 15,000 owners of receivers in the country. They rely for their entertainment on programmes from Russia, Poland, Czecho-Slovakia, Hungery, and Jugo-Slavia.

ACCORDING to reliable statistics recently prepared, Germany exports more wireless apparatus than any country in the world except the United

POWERFUL broadcasting stations are being erected at Genoa and Turin, to replace the existing stations.

INTERESTING plans have been made INTERESTING plans have been made to use wireless telephony for signalling purposes at the Victorian Light Car Club's 100-mile race, to be held on Phillip Island. Two Melbourne amateurs, Messrs. H. T. Simmons and M. Chaffer, will have charge of the apparatus, which will consist of two portable transmitters and receivers. One of the sets will be installed at the finishing point of the race, and the other will be placed at the farthest point on the course from this point. In this way officials conducting the race will be able to communicate over the main portion nciais conducting the race will be able to communicate over the main portion of the course. The sets to be used will be very simple, but they will be capable of working "duplex"—that is, communication will be possible with out the need for the changing over of the aerial from transmitter to receiver the aerial from transmitter to receiver which is familiar to listeners to most of the amateur stations. Power to operate the transmitters will be supplied by receiving high-tension batteries.

THE old British battleship "Centurion" has been fitted with a wireless transmitter that can steer, start, and stop the ship, so that she can be mandeuvred from a distance by radio.

Sunday, May 6

1YA AUCKLAND (233 METRES)—SUNDAY MAY, 6.

3 p.m.: Afternoon session—Selected gramophone items, 4.0: Literary selection by the announcer, 4.8: Further gramophone items.

4.30: Close down.

6.0: Children's song service, conducted by Rev. L. B. Bussield, assisted by cousins from Beresford St. Sunday School.

Preacher, Rev. J.

6.55: Relay of evening service from Baptist Tabernacle. Preacher, R. Kemp; organist and choirmaster, Mr. Arthur E. Wilson.
8.30: Relay of organ recital by Mr. J. Maughan Barnett from Town Hall. 9.30: God Save the King.

2YA WELLINGTON (420 METRES)—SUNDAY, MAY 6.

6 p.m.: Children's song service, conducted by Uncle Ernest, assisted by St Peter's Choristers.

6.55: Relay of evening service from St. Andrew's Presbyterian Church, Preacher, Rev. R. J. Howie, B.A.; organist and choirmaster, Mr. Frank Thomas. 8.15 (approx.): Relay of band concert of the Wellington Municipal Tramways Band from His Majesty's Theatre.

3YA CHRISTCHURCH (306 METRES)-SUNDAY, MAY 6.

5.30 p.m.: Children's song service by Uncle Sam, assisted by scholars from Moorhouse Avenue Church of Christ.

6.30: Relay of evening service from Church of Christ, Moorhouse Avenue.

Preacher, Rev. Howard Earle; choirmaster, Mr. H. Ames; organiste,
Miss. E. Hepburn.

8.0: Rebroadcast of 2YA, Wellington (concert by Municipal Tramways Band
from His Majesty's Theatre).

God Save the King.

God Save the King.

4YA DUNEDIN (463 METRES)—SUNDAY, MAY 6.

5.30 p.m.: Children's song service, conducted by Big Brother Bill and assisted by

a choir of young people.
6.30: Relay of service from Knox Church. Preacher, Rev. Tulloch Yuille, B.D.,
M.A.; organist, Mr. W. Paget Gale.

8.0: Studio concert. 9.15: Close down.

Monday. May 7

1YA AUCKLAND (333 METRES)-MONDAY, MAY 7.

SILENT DAY.

2YA WELLINGTON (420 METRES)-MONDAY, MAY 7.

3 p.m.: Chimes of the G.P.O. clock.

3.1: Selected gramophone items. 4.30 and 4.55: Sports results to hand.

Close down.

5.0: Close down.
6.0: Children's hour—Aunt Gwen and Uncle Jeff, with the pupils of Miss Myrtle Lee. Song in unison, cousins, "The Land of Children's Dreams." Piano solo, Cousin Marjorie. Monologue, Cousin Nola, "I've Got a Pain in My Sawdust." Recitation, Cousin Joyce, "My Tables." Birthday greetings, Uncle Jeff and Auntie Gwen. Song in unison, cousins, "The Little White Hill of Dreams." Monologue, Cousin Joan, "Billy's Dream." Recitation, Cousin Dorothy, "The Rainbow Fairies."

Rainbow Fairies."

7.0: News, market reports, and sporting results.

7.40: Lecture—Mr. H. E. South, "Books—Grave and Gay."

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

8.1: Overture—The Orchestra, "Zampa" (Herold).

8 10: Tenor—Mr. Chas. Williams, (a) "Thou Art Risen" (Coleridge Taylor);

(b) "The Sea Gypsy" (Head).

8.16: Instrumental—The Orchestra, (a) "Alt Wien" (Godowsky); (b) "Sleeping Beauty" (Tschaikowsky).

8.25: Vocal quartet—The Ariel Singers, "Love is a Sickness" (Parry).

8.29: Instrumental—The Symons-Ellwood-Short Trio, "Trio in G Minor" (Dyorak).

(Dvorak).

8.39: Mezzo-contralto solo—Miss Ngaire Coster, "Amarella" (Winne).

8.43: Bass with chorus—Mr. J. M. Caldwell, three sea chanties, (a) "Blow the Man down," (b) "A-roving," (c) "Johnny, Come Down to Hilo" (arranged Terry). 8.49: Instrumental—The Orchestra, "Surprise Symphony" (Weber).

8.59: Weather report and announcements.

8.59: Weather report and announcements.
9.1: Soprano solo—Miss Jeanette Briggs, "Come Out, My Dears" (Dessauer).
9.8: Instrumental—The Orchestra, (a) "Melodie Arabe" (Glozosenow); soloist, Mr. Geo. Eliwood; (b) "Village Dance" (Burleigh).
9.12: Character sketch (four characters)—Mr. A. Stanley Warwick, "The Price" (dramatised by A. Stanley Warwick).
9.32: Madrigals—The Ariel Singers, (a) "April is in My Mistress's Face" (Morley); (b) "Now is the Month of Maying" (Morley).

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Wellington.

9.38: Instrumental—The Orchestra, request items.
9.45: Tenor solo—Mr. Chas. Williams, "I'll Sing Thee Songs of Araby" (Clay).
9.49: Vocal duet—Miss Jeanette Briggs and Mr. J. M. Caldwell, "On Jhelum River" (Woodford-Finden).
9.52: Instrumental—The Orchestra, (a) "What'll I Do?" (Berlin); (b) jazz arrangement of Delibes's "Naila" (arranged Longe).
10.0: National Anthem.

3YA CHRISTCHURCH (306 METRES)-MONDAY, MAY 7.

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

4.25: Sports results.
6.0: Children's hour—Uncle Jack.

7.15: News and reports.

7.30: Talk-Mr. E. J. Bell, of the Public Library, "Books."

Relay of orchestral selections from Strand Picture Theatre Orchestra, under the direction of Mr. Harry Ellwood.

Studio concert from Derry's Military Band, under the direction of Mr. E. C. Derry, assisted by 3YA artists.

8.5: Vocal quartet—Miss Anita Graham, Mrs. D. W. S'allard, Messrs. W. Bradshaw and W. H. Inkster, "On the Banks of Allan Water"

Bradshaw and W. H. Inkster, "On the Banks of Allan Water"
(arr. Blackshaw).

8.9: Selection—Derry's Military Band, "His Majesty" (Allan).

8.15: Soprano solos—Miss Anita Graham, (a) "Love the Pedlar" (German);
(b) "A Birthday" (Woodman):

8.22: Selection—Derry's Military Band, "The Dawn of To-morrow" (Gravelle).

8.27: Tenor and bass duet—Messrs. W. Bradshaw and W. H. Inkster, "The
Battle Eve" (Bonheur).

8.31: Tone poem—Derry's Military Band, "Finlandia" (Sibelius).

8.42: Bass solos—Mr. W. H. Inkster, (a) "On the Shores of the Aegean Sea"
(Little) (b) "The Dinder Courtship" (Coates).

8.49: Allegro Marzialle—Derry's Military Band, "a) "La Ritarata Italiana"
(Drusscher).

8.55: Dramatic recitation—Mr. W. H. Moses, "The Bell Buoy" (Kipling).

8.55: Dramatic recitation-Mr. W. H. Moses, "The Bell Buoy" (Kipling).

8.55: Dramatic recitation—Mr. W. H. Moses, The Ben Budy (Kiping).
9.0: Weather report and forecast.
9.1: Relay of orchestral selections from Strand Theatre.
9.6: Vocal quartet—Miss Anita Graham, Mrs. D. W. Stallard, Messrs. W. Bradshaw and W. H. Inkster, "Because" (Luhr).
9.10: Selection—Derry's Military Band, "Humoresque" (Dvorak).
9.15: Contralto solos—Mrs. D. W. Stallard, (a) "Chiming Bells of Long Ago" (with chorus), (Shattuck); (b) "Passion of Spring" (Slater).
9.23: Fox-trot—Derry's Military Band, "Highways are Happy Ways" (Harric)

9.29: Soprano and contralto duet—Miss Anita Graham and Mrs. D. W. Stallard, "When Song is Sweet" (Sans Souci).
9.33: Humoresque—Derry's Military Band, "A Lightning Switch" (Alford).
9.43: Tenor solos—Mr. W. Bradshaw, (a) "When Other Lips" (Balfe); (b) "Good-bye, Sweetheart, Good-bye" (Hutton).
9.50: Humorous recitation: Mr. W. H. Moses, "Only One."
9.55: March—Derry's Military Band, "Dixie Rube" (Allan).
10.0: God Save the King.

4YA DUNEDIN (463 METRES)-MONDAY, MAY 7."

SILENT DAY TERRITOR

Tuesday, May 8

1YA AUCKLAND (333 METRES)—TUESDAY, MAY 8.

3 p.m.: Afternoon session-Selected studio items. 4.0: Literary selection by the Announcer.

Further gramophone items.

4.25: Sports results. 4.30: Close down.

6.0: Children's hour-Uncle George,

7.15: News and market reports.

8.1: Relay of overture from Majestic Theatre Orchestra, under the direction of Mr. J. Whiteford-Waugh.

8.10: Contralto solo-Madame Irene Ainsley, "O Mio Fernando" from "La Favourita" (Donizetti).

8.15: Instrumental trio-Bosworth-Hemus-Towsey, Trio, 'Trio-Adagio and

Scherzo" (Chopin).

8.25: Baritone solo—Mr. Walter Brough, "Will o' the Wisp" (Spross).

8.30: Soprano solo—Miss Nancye Hanna, "Lament of Isis" (Bantock).

8.30: Soprano solo—Miss Ina Bosworth, selected.
8.34: Violin solo—Miss Ina Bosworth, selected.
8.39: Tenor solos—Mr. Robert Peter, (a) "Cloth of Heaven" (Dunhill); (b) "My Lady" (Cramer).
8.47: Relay of novelty interlude by Majestic Theatre Orchestra, under the direction of Mr. J. Whiteford-Waugh.

8.55: Weather report and torecast.
8.56: Talk by Mr. A. B. Chappell, M.A., "Old New Zealand—(8) "The Treaty of Waitangi."
9.11: Contralto solo—Madame Irene Ainsley, "Spinning" (Coningsby-Clark).
9.15: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Overture Ray-8.55: Weather report and forecast.

9.25: Scene and excerpts from the opera, "The Daughter of the Regiment"
(Donizetti), produced under the direction of Madame Irene Ainsley.
Produced for the first time in Paris in 1840, later in London, when

Jenny Lind created the part, it became very popular.

Sulpice, a grizzled old sergeant of the 21st Regiment of Napoleou's

Army, finds a little girl lying beside her dead father on the battlefield. The old man takes the child into camp—she is adopted by the
regiment, and later follows the profession of a vivandiere. Sergeant regiment, and later follows the profession of a vivandiere. Sergeant Sulplice has in his possession a letter addressed to the Countess of Berkenfeldt, which he took from the knapsack of the dead soldier, and he believes this letter to contain the secret of the girl's parentage. Events move on, and when the army is stationed in the Tyrol, Marie, the Daughter of the Regiment, meets with a young peasant named Tonio, and falls in love. He, to be near her, joins the 21st, but complications arise preventing their marriage. The Countess of Berkenfeldt having at last received the old letter sent her by Sulpice. arrives to claim Marie as her daughter. She is Countess of Berkenfeldt having at last received the old letter sent her by Sulpice, arrives to claim Marie as her daughter. She is taken away to live in a castle, but cannot settle to the new life, and is impatient of all that separates her from the regiment. She longs for the drums and trumpets of the 21st, and remains constant to Tonio throughout the years that elapse. One day the well-known sounds of the band are heard—it is her own regiment, under the command of Tonio, promoted from the ranks for bravery and good conduct. A joyous required and eventually a consent from the conduct. A joyous reunion and eventually a consent from the haughty Countess, and Marie becomes the wife of Tonio, and once again is in touch with her beloved regiment.

Marie (Daughter of the Regiment)—Miss Nancye Hanna. Tonio—Mr. Robert Peter. Sergeant Sulpice—Mr. Walter Brough. The Countess—Miss Mary Hamilton. Sulpice and Marie—"The Camp and the Battle."
Marie—"Tis Known to All."
Marie and Tonio—"Ah, Do You Love Me?"
Tonio—"My Gallant Friend."
Marie—"Dear Friend, Farcwell."
Marie—"Dear Friend, Farcwell." Marie, the Countess, and Sulpice-Lesson scene, "The Rosy Morn."
Sergeant Sulpice—"Two Grenadiers."
Marie and chorus—(a) "To My Heart, What is Wealth?"
(b) "All Hail, France, My Country."
Finale—"Ah, We Three Meet Again." Rosy Morn."

2YA WELLINGTON (420 METRES)-TUESDAY, MAY 8.

3 p.m.: Chimes of the G.P.O. clock. : Selected gramophone items. 4.30 and 4.55: Sports results to hand. 5.0: Close down.

10.0: God Save the King.