Full Programmes for Next

—Copyright-

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NOTES AND COMMENTS

(By "Switch.")

A hydometer will enable you to test

A nydometer will enable you to test an accumulator, or wet battery, quite well, if not better, than a voltmeter. If a wet "A" battery be allowed to stand in a discharged condition for very long it will be seriously attacked by sulphate and may be injured rather badly.

An important judgment was given recently in the High Court, when £150 damages were awarded to the author of the musical play "The Little Michus," which had been broadcast by the B.B.C. This was deemed to have intrinsed the author. infringed the author's copyright.

On Wednesday, December 28, last, Harry Lauder made his final appearance before the microphone in London ance before the interophole in London before sailing for Australia and New Zealand. The public kept him going for three-quarters of an hour. Sydney stations may possibly engage Sir Harry Lauder to broadcast some of his won-derful Scotch wit, in which case we may look forward to something worth while. look forward to something worth while

One of the commonest causes of poor reception in a crystal set is a dirty contact at the lead in or the earthing

Many radio fans have desired to know the polarity of the ordinary torch battery contacts in order that they may be used as a makeshift. The long contact is the negative and the short one is the positive.

Professor Bergonie, who invented the X-ray and died from X-ray burns in February, 1926, had, before his death, invented a radio chair. Though his invention was patented in 1911, it has been recently that been the beauty that the possible in only been recently that hospitals in Sydney, Melbourne Adelaide, Perth, and hospitals in England, Germany, and America have been fitted with the Ber-gonie chair.

An ordinary flash-lamp bulb connected in the "B" battery negative lead makes a very good fuse and may save your valves in the case of a short cir-

If you are running long leads through the house so that the loudspeaker can be used in different rooms, it is a real economy to use a choke-coupled or a transformer coupled output to prevent H.T. leakage.

The proper way to disconnect bat-tery leads is at the battery end, not at the set end. If the wires are separated from the set end, and left on at the battery end, there is a great dan-ger of shorting the battery.

Where trams or other electric machinery cause interference, it is often found that a counterpoise gives better results than the usual waterpipe or buried plate earth.

The Sydney "Wireless Weekly" publishes the following:—"Mrs. Ruth F. King, c.o Mrs. F. Murray, P.O. Box 199, Greymouth, N.Z., is anxious to learn the whereabouts of her brother, Bestran P. Admis. He was a wireless Bertram P. Adams. He was a wireless officer, and was last seen in Australia. Will anyone knowing his address please communicate with Mrs. King?"

Details have been published of a proposal for a new wireless tower in Berlin, which will be completed by 1930. The tower will be 2160 feet high, more than twice the height of the Biffel Tower, with a restaurant on a slowly revolving floor so that suests can watch the changing view in comfort. A suspended railway will carry passengers from the height of the restaurant across the woods and water to Potsdam. The light on the top will be visible 100

Be careful when using ammonia for cleaning the sides and tops of accumulators. If any ammonia should come into contact with the electrolyte, the latter will become neutralised.

Every time a pair of telephones is dropped on the floor the magnetism is weakened, and the life of the telephone made shorter.

When a set which has hitherto been well behaved starts to howl and distort, the most likely cause of the trouble is the run-down condition of the "B"

Audio-frequency amplification will give greater volume on local stations, but radio-frequency amplification has the characteristic of being able to amplify a weak signal, thereby increasing

the range of the receiver. A constant humming noise is generally due to the fact that either the aerial or the earth lead, or the set it-

self, is too close to the electric light mains. (Remember, that these are sometimes concealed in the wall.)
Sometimes it does not matter in the least if the "A" battery has been accidentally connected the property. dentally connected the wrong way round—ie., its negative to L.T. plus, on the set, and its positive to L.T. negative. Occasionally, as a matter of fact, this improves reception.

All ship stations with amateur calls place an X before their usual intermediate, e.g., Australia 3AA at sea, calling U.S., 1AW, would send "1AW NUXOA 3AA." The reply would be "9AA XOANU 1AW." The OA, of course, is the prefix for Australia, and NU is the prefix for U.S.A.

"Do not set your watches several times a day by the wireless," writes a prominent watchmaker. Doing this, he states, will only serve to make the watch more inaccurate than before.

Sunday, February

1YA AUCKLAND (333 METRES)—SUNDAY, FEBRUARY 19.

3 p.m.: Afternoon session-Selected Studio items. Literary selection by Mr. Culford Bell.

4.30: Close down.
6.0: Children's song service, conducted by Uncle Leo.
6.55: Relay of evening service from Church of Christ. Preacher, Mr. Aldridge; organist, Mr. Ivan Lambert,

To be followed by special concert from studio:

8.15: Vocal quartet—St, Andrew's Quartet, "Evening and Morning."

8.20: Bass solo—Mr. Arthur Colledge, "It Is Enough" from "Elijah" (Men-

delssohn).

825: Instrumental trio—Bosworth-Hemus-Towsey Trio, "First Movement, Allegro, from Trio in B Flat Major, No. 9" (Haydn).
8.35: Vocal duet—Misses A. Taylor and P. Gribben, "Lead, Kindly Light."
8.39: Tenor solo—Mr. Robert Peter, "Ye People Rend Your Hearts" (Mendelscha)

delssohn).

8.44: Contralto solo—Miss Phyllis Gribben, "Woe Unto Them" (Mendelssohn).

8.49: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Andante and Finale from Trio in B Flat Major, No. 9" (Haydn).

8.59: Vocal quartet—St. Andrew's Quartet, "Prologue" from "The Holy City" (Gard). (Gaul).

9.4: A thought. 9.6: God Save the King.

2YA WELLINGTON (420 METRES)—SUNDAY, FEBRUARY 19.

6 p.m.: Children's song service, conducted by Uncle Ernest.
6.55: Relay of evening service from St. Thomas's Anglican Church. Preacher,
Rev. C. V. Rooke; organist and choirmaster, Mr. W. A. Collie,
L.L.C.M.

8.30 (approx.): Studio concert.
Quartet—William Renshaw Quartet, "A Spring Song" (Pinsuti).
Instrumental quartet—Symons-Ellwood String Quartet, with assistance of Mr. Gordon Short, "Scherzo from Quintet" (Dvorak).
Bass solo—Mr. Wilbur Davies, "The Sea Road" (Wood).
Vocal duet—Miss Nora Greene and Mr. William Renshaw, "Beauty's Eyes" (Tosti).

Instrumental quartet—Symons-Ellwood String Quartet, with assis'ance of Mr. Gordon Short, "Finale from Quintet" (Dvorak).
Soprano solo—Mrs. Amy Dunn, "Spring Had Come" from "Hiawatha"

(Coleridge-Taylor).
Tenor solo—Mr. William Renshaw, "Absent Yet Present" (White).
Symons-Ellwood String Quartet, "Melody in F" (Rubinstein).
Contralto solo—Miss Nora Greene, "O, Flower Divine" (Wood).
Vocal quartet—William Renshaw Quartet, "Across the Bar" (Sampson).

3YA CHRISTCHURCH (306 METRES)-SUNDAY, FEBRUARY 19.

5.45 p.m.: Children's song service from 3YA Studio by Uncle Sam, assisted

by Congregational Sunday School scholars.

7.0: Relay of evening service from Durham Street Methodist Church. Special preacher, selected from New Zealand Methodist Church Conference.

Organist and choirmsater, Mr. Ernest Firth, F.R.C.O. After-service concert from 3YA Studio:—
Instrumental trio—Christchurch Broadcasting Trio, "Allegro Vivace from

Instrumental trio—Christchurch Broadcasting Trio, "Allegro vivace from Trio in D Major" (Beethoven).

Soprano solos—Miss Ella Skurr, (a) "Angels Ever Bright and Fair" (Handel); (b) "Come Unto Him" from "The Messiah" (Handel).

Instrumental trios—Christchurch Broadcasting Trio, (a) "The Wood Nymph" (Lind); (b) "Minuetto" (Boressen).

Soprano solo—Miss Ella Skurr, "Fear Ye Not, O Israel" (Buck).

Instrumental trios—Christchurch Broadcasting Trio, (a) "Octobre" (Tschaikowsky); (b) "Gavotte" (Leclair).

God Save the King.

God Save the King.

5.45 p.m.: Children's song service by Big Brother Bill and choir of young 7.0: Relay of evening service from First Church of Otago. Preacher, Dr. E. N. Merrington; organist, Dr. V. E. Galway.

4YA DUNEDIN (463 METRES)—SUNDAY, FEBRUARY 19.

8.15: Studio concert. 9.15: Close down.

Monday, February 20th

1YA AUCKLAND (333 METRES)-MONDAY, FEBRUARY 20.

SILENT DAY.

2YA WELLINGTON (420 METRES)-MONDAY, FEBRUARY 20.

2 p.m.: Chimes of the General Post Office clock, Wellington. 2.1: Relay of resumes of cricket match, Wellington v. Australia from Basin Reserve—Mr. A. Varney announcing. Interspersed with selected gramophone items, and lecturette by Mrs. Stevens, of Messrs. Kirkcaldie and Stains, Ltd., on "Fashions."



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6.0: Children's hour-Toby and Jeff and party of entertainers.

7.0: News session, information, and reports. 7.40: Latest cricket information.

7.40: Latest cricket information.
8.0: Chimes of the General Post Office clock, Wellington.
8.1: Overture—"Minuct" (Boccherini).
8.5: Vocal quartet—Ariel Singers, "Isle of Beauty" (Coleridge-Taylor).
8.9: Elocution—Mr. Eric North, "Chaut Pagan" (Kipling).
8.14: Mezzo-contralto solo—Miss Ngaire Coster, "L'Andovina" (Puzzi).
8.18: Instrumental trio—Symons-Ellwood-Short Trio, "Andante Cantabile" from

"C Major Trio" (Mozart).
8.28: Vocal duct—Miss J. Briggs and Mr. Roy Hill, "Mountain Lovers"

(Saure).

8.28: Vocal dute—Ariss J. Drisss

(Squire).

8.32: Violin solo—Miss Ava Symons, Welsh air, "The Dove" (Somervell).

8.36: Lecturette—Mr. Chas. Wheeler, "Politics and the Humour of It."

8.48: Mandolin Band—Mrs. Mildred Kenny and party, (a) "Spanish Moon"

(Terese); (b) "Dorinda Polka" (Grimshaw).

8.57: Humorous quartet—Ariel Singers, "Old Mother Hubbard" (Webster).
9.0: Elocution—Mr. Eric North, "A Smuggler's Song" (Kipling).
9.4: Bass solo—Mr. J. M. Caldwell, "The Smuggler's Song." (Note: This is
Kipling's famous song, set to music, and follows the recitation for
the sake of contrast.)
9.8: Guitar Band, Man Millert Times

9.8: Guitar Band—Mrs. Mildred Kenny and party, (a) "Hilo March" (Parle);
(b) "Hawaiian Islands March" (Cusenza).

9.16: Tenor solos—Mr. Roy Hill, (a) "Windy Nights" (Stanford); (b)
"Heigh, Ho, the Wind and the Rain" (Quilter).

9.20: Instrumental trio—Symons-Ellwood-Short Trio, "Allegro from C Major Trio" (Mozart).

9.28: Soprano solo—Miss J. Briggs, "Villanelle" (Dell-Acqua).
9.32: Violin solo—Miss Ava Symons, "Serenade" (Drdla).
9.36: Bass solos, with quartet—Mr. J. M. Caldwell, (a) "The Drunken Sailor";
(b) "Rio Grande" (sea chanties arranged by Terry).
9.42: Lecturette—Captain Hugo, "A Fire Protection Fallacy and its Remedy."
9.54: Vocal duet—Misses Briggs and Coster, "Two Tuscan Folk Songs" (arranged Cavacciato)

ranged Cavaccioto).

10.0: Banjo Band—Mrs. Mildred Kenny and party, (a) "Sunflower Dance" (Ossman); (b) "Lancashire Clogs" (Grimshaw).

10.8: Vocal quartet—Ariel Singers, "The Victor's Song" (Mendelssohn). God Save the King.

3YA CHRISTCHURCH (306 METRES)-MONDAY, FEBRUARY 20.

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

6.0: Children's hour-Uncle Jack and Aunt Edna. Bedtime stories and birthday greetings.

7.15: News and reports.

7.15: News and reports.
8.0: Chimes. Relay of orchestral selections from Strand Picture Theatre Orchestra, under the conductorship of Mr. Harry Ellwood. Stud'o concert by Derry's Military Band, under the conductorship of Mr. E. C. Derry, assisted by 3YA artists.
8.10: March—The Band, "B.B." (Horne).
8.16: Male quartets—Beckenham Male Quartet, (a) "Thuringian Volkslied" (Abt); (b) "Little Tonmy Went a Fishing" (Macy).
8.23: Waitz—The Band, "Appassionata" (Ketelby).
8.29: Baritone solo—Mr. F. S. Jackson, "Molly o' Donegal" (Austin).
8.33: Military fantasia—The Band, "Our Soldiers" (Moore).
8.43: Contralto solos—Mr. D. W. Stallard, (a) "Have I Lost Thee?" (Gluck); (b) "Vale" (Russell).
8.49: Fox-trot—The Band, "Orient. Moonlight" (Seamer).

8.49: Fox-trot—The Band, "Orient." Moonlight" (Seamer).
8.54: Tenor and baritone duet—Messrs. E. R. Pitman and K. G. Archer, "Down the Vale" (Moir).

8.57: Humour-Mr. James Laurenson, "Lecture on the Face" (Robey).

9.2: Weather report.
9.4: Selection—The Band, "Spring Song" (Mendelssohn).
9.10: Male voice quartet—Beckenham Male Quartet, (a) "Every Rustling Tree" (Kulah); (b) "Piccaninny Lullaby" (Macy).
9.16: Descriptive fantasia—The Band, "A Motor Ride" (Bidgood),
9.26: Baritone solo—Mr. W. H. Odell, "The Little Irish Girl" (Lohr).
9.29: Male quartet—Beckenham Male Quartet, "Farmer Gray" (Leslie).
9.34: Selection—The Band, "Awyil Chorus" from "IL Traystors" (Vardi)

9.29: Male quartet—Beckenham Male Quartet, "Farmer Gray" (Leslie). 9.34: Selection—The Band, "Anvil Chorus" from "Il Trovatore" (Verdi). 9.40: Contralto solo—Mrs. D. W. Stallard, "She is Far from the Land" (Lam-

9.44: One-step—The Band, "Hilo" (Finlay). 9.49: Male quartet—Beckenbam Male Quartet, "Stars of the Summer Night"

9.53: Recital-Mr. James Laurenson, "The Sign of the Old Black Eye" (Law-

son).
9.57: March—The Band, "Dunlap Comandery" (Hall).
10.2: Male quartet—Beckenham Male Voice Quartet, (a) "Me and My Shadow" (Jolson); (b) "Good Night, Ladies" (Hall). God Save the King. 4YA DUNEDIN (463 METRES)-MONDAY, FEBRUARY 20.

SILENT DAY.

Tuesday, February 21st

1YA AUCKLAND (333 METRES)—TUESDAY, FEBRUARY 21.

p.m.: Afternoon session—Selected Studio items.

4.0: A literary selection by the announcer.

Children's hour-Uncle Leo. 7.15: Talk on "Examples of Actual Results of Top-Dressing," by Mr. H. H. Edwards.

7.30: News and reports.

8.0: Chimes.

8.0: Chimes.
8.1: Relay of orchestral overture from Majestic Theatre—J. Whiteford—Waugh, conductor.
8.6: Soprano solos—Miss Nancye Hanna, "Scenes That Are Brightest" from "Maritana" (Wallace).
8.10: Instrumental trio—Bosworth-Hemus-Towsey Trio, "Trio, Op. 1, in E Fiat—Allegro" (Beethoven).
8.19: Bartione solo—Mr. Trevor Lewis, "Star of Eve" from "Tannhauser" (Wagner)

(Wagner).

8.24: Relay of musical interlude from Majestic Theatre.
8.29: Contraito solo—Madame Irene Ainsley, "Serenata" (Braga), with violin obbligato by Miss Ina Bosworth.
8.34: Soprano solo—Miss Nancye Hanna, "Songs My Mother Taught Me"

(Dvorak). 8.39: Violin solos—Miss Ina Bosworth, (a) "Menuet" (Beethoven); (b)

"Rondino" (Brown).

8.47: Relay of vocal and instrumental interlude from Majestic Theatre, Weather forecast.

9.6: Third of a series of talks on "Old New Zealand," by Mr. A. B. Chappell, M.A., "The Coming of the Whalers."
9.22: Tenor solo—Mr. Ernest Snell, "A Summer Night" (Goring-Thomas).
9.26: Vocal duet—Madame Irene Ainsley and Miss Nancye Hanna, "Sainted Mother" from "Maritana" (Wallace).



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