

Full Programmes for Next

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NOTES AND COMMENTS

(By "Switch.")

IN America "B" batteries are still greatly in vogue for short-distance reception, as the eliminators have certain disadvantages for short-wave work. The best eliminators frequently intrude a background of hum on short-wave reception, though inaudible on the ordinary broadcast receiver.

A CORRESPONDENT writes to the New York "Radio News," kicking against the extension of the chain system of broadcasting. He says: "Nightly there are 25 stations in one chain. Formerly, we had a diversity of 25 different programmes from those stations—who cares whether it is the highly-paid artists from New York that entertain us? Many times I have thought that undiscovered nincompoops provided better entertainment than those headliners played by the chains. Let freedom of the air go unchallenged. I'm sorry I am not a business man, but I am down among those wage earners where money counts."

TO prevents its seaplanes, when forced down in flight, from being without means of communication, the United States Navy will equip them with short-wave transmitters having hand-driven generators for an emergency. The standard frequency will be 8770 kilocycles, corresponding to 34.19 metres.

IN Gothenburg, Sweden, a new solution for the apartment-house aerial problem has been found, by the suspension of a metal ring in the courtyard of a multiple dwelling. It is held tightly by steel wires; and the radio aerials, to the number of fifty, are attached to it—by insulators, of course—and to the tops of the neighbouring roofs. Each is of the T-type, with a lead-in from the centre; and the assembly is said to resemble a gigantic spiderweb. A charge of about 41 is made for connection to this system. Incidentally, it may be said that the European custom of depending upon one station for entertainment, as only the local can be received consistently with crystal sets, probably makes for less interference than would be thus caused in an American apartment neighbourhood.

A FAN who attempts to use the audio circuit of his radio receiver as an amplifier for phonograph music often finds it inconvenient to remove the detector tube each time he desires to insert the plug from the pick-up unit in the detector socket. This may be avoided by mounting an additional vacuum-tube socket on the baseboard of the set, and connecting it in parallel with the detector socket. With the receiver arranged in this manner, it is necessary only to turn out the filaments of the detector and R.F. tubes, by means of a rheostat on the front panel, and insert the plug from the phonograph in the extra socket.

AT Zeesen, about 20 miles south of Berlin, Germany, a broadcast station was recently opened, capable of transmitting with an aerial power of 120,000 watts. The aerial is kept with a fixed tension by a heavy weight hung on pulleys. The wave-length employed is 1,350 metres.

A VACUUM-TUBE transmitting set using a small amount of power, and operating on a wave-length of 7500 metres, and five receiving sets, responding to only one wave-length, control the street-lighting system of Glens Falls, New York State. Street lamp-lighters in that town, like a buggy-whip socket on an automobile, are now out of date. A low-powered valve transmitter, not very dissimilar to the transmitting sets that bring music and speech to our homes, feeds a carrier-current or radio-frequency wave along wires leading to the receiving stations. There radio receivers tuned to that single wave-length, or frequency, respond to the radio wave and, in turn, electric switches are tripped, relays operated, and street lamps lighted.

WELSH members of the English Parliament have united in a demand on the British postmaster-general for the establishment of a broadcast station in Wales, devoted exclusively to programmes in the Welsh language. It is represented that this would be a great stimulus to the sale of radio sets in Wales, as well as of cultural value.

THE filament of a valve is designed to give best results at a definite voltage or current, and at this value, a certain length of life for the filament is obtained. If the valve is operated at a filament voltage higher than the rated value, the electron evaporation is greatly increased, with little, if any, useful gain; but the life of the filament is very greatly reduced. Some filaments do not actually burn out when the voltages are exceeded, but they become "deactivated"; that is, the useful material has disappeared from the surface of the filament. This may often be restored by turning on the valve with somewhat above normal voltages on the filament, and with the plate ("B") battery temporarily disconnected; but prevention is much easier than a cure.

A WAY to eliminate A.C. hum caused by nearby socket-power and other electrical devices, is to shield the troublesome wire with sheet tin or lead-foil, such as comes with friction tape. Cut it into lengths, two inches wide, and wrap the wire with it; then wind over the foil a length of No. 18 bare wire, which is connected to the ground.

Sunday, April 22

1YA AUCKLAND (333 METRES)—SUNDAY, APRIL 22.

3 p.m.: Afternoon session—Selected gramophone items
4.0: Literary selection by the announcer.
4.8: Further selected gramophone items.
4.30: Close down.
6.0: Children's service, conducted by Rev. George Jackson.
6.55: Relay of evening service from Pitt Street Methodist Church.
8.30: Relay of Municipal Organ Recital from Town Hall by Mr. J. Maughan Barnett.
9.30: God Save the King.

2YA WELLINGTON (420 METRES)—SUNDAY, APRIL 22.

11 a.m.: Relay of special Anzac Day service from St. John's Presbyterian Church. Preacher, Rev. J. R. Blanchard. Organist and choir-master, Mr. C. W. Kerry.
12.10 (approx.): Close down.
6.0: Children's service, conducted by Uncle Ernest and assisted by the Thorn-don Methodist Choir.
6.55: Relay of evening service from St. Thomas's Anglican Church, Newtown. Preacher, Rev. C. V. Rooke, B.A.; organist and choir-master, Mr. Wenzel H. Collie.
8.15 (approx.): Relay of Wellington Municipal Tramways Band concert from His Majesty's Theatre.
God Save the King.

3YA CHRISTCHURCH (306 METRES)—SUNDAY, APRIL 22.

5.30 p.m.: Children's song service, by Uncle Sam, assisted by scholars from the Congregational Sunday School.
6.30: Relay of evening service from Trinity Congregational Church. Preacher, Rev. Gardner Millar. Organist, Mr. A. M. Mill, L.A.B.
8.0: An after-church concert will be given from 3YA studio by Derry's Military Band, under the conductorship of Mr. E. C. Derry, assisted by 3YA artists, the Melodious Four.
Soprano solo—Miss Frances Hamerton, "In Verdure Clad" from "The Creation" (Haydn).
8.4: Selection—The Band, "His Majesty" (Allan).
8.10: Bass solo—Mr. T. D. Williams, "The Trumpet Shall Sound" from "The Messiah" (Handel), with trumpet obbligato by Mr. R. Ohlson.
8.14: Selection—The Band, "The Dawn of To-morrow" (Gravelle).
8.19: Contralto solo—Miss Belle Renaut, "The Birds of Bethlehem" (Davies).
8.23: Tone poem—The Band, "Finlandia" (Sibelius).
8.34: Tenor solo—Mr. Russell Sumner, "In Native Worth," from "The Creation" (Haydn).
8.38: Allegro Marziale—The Band, "La Ritarata Italiana" (Drusscher).
8.44: Soprano solo—Miss Frances Hamerton, "O, for the Wings of a Dove" (Mendelssohn).
8.48: Selection—The Band, "Humoresque" (Dvorak).
8.53: Bass solo—Mr. T. D. Williams, "My Prayer" (Squire).
8.57: Contralto solo—Miss Belle Renaut, "By the Waters of Babylon" (Dvorak).
9.1: Selection—The Band, "Young England" (Clutsam).
9.7: Tenor and bass duet—Messrs. Russell Sumner and T. D. Williams, "Watchman, What of the Night?" (Sargeant).
9.11: Humoresque—The Band, "A Lightning Switch" (Alford).
9.21: Tenor solo—Mr. Russell Sumner, "Crossing the Bar" (Willeby).
9.25: Vocal quartet—The Melodious Four, "Abide With Me" from "Woman of Samaria" (Bennett).
Close down.

4YA DUNEDIN (463 METRES)—SUNDAY, APRIL 22.

5.30 p.m.: Children's song service, conducted by Big Brother Bill.
6.15: Relay of evening service from St. Paul's Anglican Cathedral. Preacher, Rev. Canon Nevill; organist, Mr. E. Heywood, F.R.C.O.
8.0: Studio concert.
9.15: Close down.

Monday, April 23

1YA AUCKLAND (333 METRES)—MONDAY, APRIL 23.

SILENT DAY.

2YA WELLINGTON (420 METRES)—MONDAY, APRIL 23.

12 noon: Relay of Marlborough Racing Club's meeting at Trentham (by permission of the club).
6 p.m.: Children's hour.
7.0: News session, market reports, and sports results.
7.40: Lecture—Mr. H. C. South, "Books: Grave and Gay."
8.0: Chimes of the General Post Office clock, Wellington.
A Shakespearean evening of song, music, and recital, arranged by Mr. Byron Brown.
8.1: Instrumental trio—Studio Trio, "Dance" from incidental music to "Othello" (Coleridge-Taylor).

8.5: Vocal quartet—Ariel Singers, "Tell Me Where is Fancy Bred" from "Merchant of Venice" (Leslie).
8.10: Recital—Mr. J. Watchman, "The Merriment and Wisdom of the First Gravedigger" from "Hamlet."
8.16: Vocal duet—Messrs. Roy Hill and J. M. Caldwell, "It Was a Lover and His Lass" (Morley).
8.20: Recital—Miss Dorothea Vautier, "Portia's Description of Her Suitors" from "Merchant of Venice."
8.23: Mezzo-contralto solo—Miss Ngaire Coster, "The Willow Song" from "Othello."
8.28: Dialogue—Messrs. Byron Brown and Barton Ginger, "Quarrel Scene between Brutus and Cassius" from "Julius Caesar."
8.34: Instrumental trio—Studio Trio, (a) "Children's Intermezzo"; (b) "Military March" from music incidental to "Othello" (Coleridge-Taylor).
8.44: Lecture—Mr. Byron Brown, "Shakespeare and St. George."
8.59: Weather report and forecast.
9.1: Vocal quartet—Ariel Singers, "Who is Sylvia?" from "Two Gentlemen of Verona" (German).
9.6: Recital—Mr. S. Tingey, "Mark Anthony's Oration over the Dead Body of Caesar" from "Julius Caesar."
9.10: Tenor solos—Mr. Roy Hill, (a) "Take, O Take Those Lips Away" (Quilter); (b) "Hei Ho, the Wind and the Rain" (Quilter).
9.17: Recital—Mrs. Martyn Williams, "Queen Katherine's Defence" from "Henry VIII."
9.22: Vocal duet—Misses Jeanette Briggs and Ngaire Coster, "Orpheus With His Lute" (Wood).
9.27: Dialogue—Mrs. Burgess and Mr. Byron Brown, "Rosalind's Banter of her Lover, Orlando," from "As You Like It."
9.33: Bass solos—Mr. J. M. Caldwell, (a) "O, Mistress Mine," from "Twelfth Night" (Yates); (b) "Blow, Blow, Thou Winter Wind" (Quilter).
9.40: Instrumental trios—Studio Trio, (a) "Morris Dance"; (b) "Shepherd's Dance"; (c) "Torch Dance" from "Henry VIII Dances," by Edward German.
9.50: Recital—Mrs. Theo. Hills, "Queen Margaret's Scorn of the Duke of York."
9.55: Vocal quartet—Ariel Singers, "How Sweet the Moonlight Sleeps" from "Merchant of Venice" (Bartholomew).
10.0: God Save the King.

3YA CHRISTCHURCH (306 METRES)—MONDAY, APRIL 23.

3 p.m.: Afternoon concert session—Selected studio items.
6.0: Children's session—Uncle Jack.
7.15: News session.
8.0: Chimes and overture.
Miss Lucy Cowan and members of her Dramatic Society, in conjunction with the Madame Gower-Burns Grand Opera Quartet and the Christchurch Broadcasting Quartet, will broadcast a Shakespearean programme.
Professor J. Shelley, of Canterbury College, will speak on "The Plays of Shakespeare."
Vocal quartet—Madame Gower-Burns's Grand Opera Quartet, "Under the Greenwood Tree" from "As You Like It."
Shakespearean recital—Mr. J. F. Cannell, "King Henry the Fifth," Act III, Scene 5.
Harlequin owes its most stirring memory in the minds of the people to Shakespeare's description of the termination of a six weeks' siege in a burst of martial enthusiasm from King Henry the Fifth, wherein he rouses his sick and dispirited army to herculean effort, resulting in the possession of the fortress, September 22, 1415. The King urges them into action in the name of England and St. George! In the Wars of the Crusades, St. George is said to have appeared at the head of a large army, carrying a banner, with a red cross engraved upon it, and in a vision Richard Cœur de Lion was bidden to take for his battle-cry, "Saint George for England." In the year 1222 the Festival of Saint George assumed a national character, and in the reign of Edward the Third he was definitely recognised as the nation's patron saint. The Union Jack, the National Flag of Great Britain and Ireland, consists of a combination of the three crosses of St. George, St. Andrew, and St. Patrick, denoting the Union of England, Scotland, and Ireland.
Vocal quartet—Grand Opera Quartet, "How Sweet the Moonlight Sleeps Upon this Bank" from "Merchant of Venice" (Calcott).
Address—Professor J. Shelley, "The Plays of Shakespeare."
Soprano solo—Madame Gower-Burns, "Bid Me Discourse" (Bishop).
Baritone solo—Mr. Bernard Rennell, "No More Dams P'll Make for Fish" (Caliban's song from "The Tempest"), (Smith).
Excerpts from "Much Ado About Nothing," Scenes 1, 2, and 3.
Tenor solo—Mr. Harold Prescott (Balthazar), "Sigh No More, Ladies."
Cast of Characters:

Don Pedro, Prince of Arragon—Mr. Ronald Foster.
Leonata, Governor of Messina—Mr. Dick Wills.
Claudio, a young Lord of Florence—Mr. Charles Clayton.
Hero, daughter to Leonata—Miss Ivy Fowler.
Benedick, a young Lord of Florence—Mr. Bert Goodland.
Balthazar, servant to Don Pedro—Mr. Harold Prescott.
Beatrice, niece to Leonata—Miss Gladys O'Connell.
Margaret, waiting-gentlewoman to Hero—Miss Ida Cooper.
Ursula, waiting-gentlewoman to Hero—Mrs. Hugh McLeod.
(The members of the household of Leonata, Governor of Messina, conceive a plot whereby the opposing wits, Beatrice and Benedick, are brought into a mutual regard for each other.)
Violin solo—Miss Irene Morris, "La Berceuse" (Couperin-Kreisler).
Vocal quartet—Grand Opera Quartet, "Ye Spotted Snakes" from "Midsummer Night's Dream" (Mendelssohn).
Contralto solo—Mrs. Anne Harper, "When Daisies Pied" from "Love's Labour Lost" (Arne).
Instrumental quintet (Miss Irene Morris and Mr. J. L. Beck, violins; Mr. Joseph Mercer, viola; Mr. Harold Beck, cello; and Miss Aileen Warren, piano)—"Henry VIII Dances" (German).
Weather report and forecast.
Scene from "King Henry the Eighth," Act II, Scene 4, a hall in Blackfriars.

Cast:

Crier—Mr. J. F. Cannell.
Queen Katherine, wife to Henry the Eighth—Miss Lucy Cowan.
Cardinal Wolsey, Archbishop of Canterbury—Mr. Frank Foster.
Griffith, gentleman usher to Queen Katherine—Mr. Bert Goodland.
(Queen Katherine, first wife to Henry the Eighth, makes a vain appeal to retain her position, but, failing, denounces Cardinal Wolsey.)
Soprano solo—Madame Gower-Burns, "Orpheus With His Lute" (Sullivan).
Soprano solo and quartet—Madame Gower-Burns (soloist), Mrs. Anne Harper, Messrs. Harold Prescott, and Bernard Rennell, "It Was a Lover and His Lass" (arr. W. Davies).
Excerpt from "As You Like It," Act IV, Scene 4, in the Forest of Arden.

Cast:

Orlando, son of the late Sir Rowland de Boys—Mr. Dick Wills.
Rosalind, daughter of the banished Duke—Miss Maiona Juriss.



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