Programmes Continued

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LOW-priced valve sets are replacing

crystal sets as radio grows strongly in interest in Sweden. John B. Osborne, United States consul-general

at Stockholm, reports to the Depart-

ment of Commerce that the number of

licensed listeners increased by 23,000

in February. This brings the total to 351,000. The broadcasting station

at Linkoping has been closed. It was about fifty miles from the high-power station at Kotala, and therefore con-

THERE are an enormous number of

unaware of the utility of the grid-leak.

They assume that the leak may be of any value and just placed in the de-

tant reception is required. It is quite a simple matter in most receivers, and

only the work of an instant to change one leak for another. It is generally

well-known that the higher the resist-

sharply tuned by the use of a lower

THE broadcast listener who is using his short-wave "converter" for the

first time frequently finds there are one or more points on the dial

which the receiver cannot be made to oscillate. This phenomenon, which is familiar to all amateurs, results from

the fact that the receiver is tuned to

the resonant frequency of the aerial or

to a harmonic of this frequency. When the two are resonant considerable power is absorbed by the aerial, which makes it difficult to produce oscilla-tions in the receiver. This trouble is

tions in the receiver. This trouble is never encountered at ordinary broad-cast frequencies because a very small

"aperiodic" primary is used and the

natural frequency of the aerial circuit is very high. The trouble may be remedied either by loosening the aerial

coupling or by connecting a small series capacity in the aerial which will

shift the resonant frequency to some part of the band which is not in use.

AN anxious listener showed me an

other day which has somewhat bewildered him. It reads—"Unless you

stop your wretched set from howling the whole night you will find your aerial chopped down." The owner of the alleged "wretched set" uses

only a crystal outfit! Will the writer

THE owners of the Johannesburg broadcasting station are 100 per cent. optimists. A letter has been received in Wellington inviting listen-

ers to listen-in to their daylight re-

Well, that's too bad; to think that some of our listeners have been

picking up the Johannesburg station and have never let us know about it.

Our own modesty could not compare

THIS reminds one of an up-country listener who used to brag about receiving a certain mosquito-like dis-

tant Australian broadcast station. A dear friend wrote across to the direc-

tor of the said station to check up on the other man's reception. A reply came back that the station had been closed down for over a year!

NATURALLY mistakes in call letters will occur at times, but in a case

in which a 10-watt station is believed to be heard over 1500 miles on the ordinary broadcast wavelength band it

would be more discreet for the listener to check up with the station director, by letter, before claiming any pro-

A FRIEND buttonholed me the other

set. Every time I point my loudspeaker towards it a loud moaning howl comes

out of the speaker. What do you advise me to do?" An easy cure was not to point the speaker towards the set,

trouble was due to the super-sensitive-

ness of his detector valve, which was affected by the sound-waves from his

londspeaker impinging on the glass

bulb of the valve. A cure suggested.

and which proved successful, was the placing of a piece of an old inner

rubber bicycle tire as a sleeve over the

APART from the risk of breaking

the magnets within the phones.

them, headphones should never be dropped or subjected to a severe knock. The jar weakens the sensitiveness of

but I did not pull this on him.

day and unburdened his soul as follows: "I want your advice about my

with this sort of thing.

digious feat.

detector valve.

of the anonymous letter please note?

anonymous letter he received the

value of resistance.

broadcast listeners who are totally

sidered superfluous.

2YA WELLINGTON (420 METRES), THURSDAY, JULY 26,

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

3.1: Selected gramophone items.

4.55: Sports results to hand. 5.0: Close down.

6.0: Children's session—Aunt Gwen, assisted by pupils of Mrs. E. Mackay— Piano duet, Cousins Else and Hilda, "Grand Vitesse" (Mullen). Story, Aunt Gwen. Piano solo, Cousin Else, "Polonaise" (McDowell). Birthdays, Aunt Gwen. Song, Cousin Gwenda, "Spreading the News" (Oliver). Piano solo, Cousin Hilda, "Gipsy Rondo" (Haydn). Story, song, Cousin Gwenda, "There Are Fairies at the Bottom of our Garden" (Lehmann). Piano duet, Cousins Else and Hilda, "Spanish Dance" (Moskowski).

7.0: News session, market reports and sports results.

Chimes of the G.P.O. clock.
Studio concert by the Band of the 1st. Battalion, Wellington Regiment (under the conductorship of Lieut, B. J. Shardlow), and assisting

March—Band, "The B.B. and C.F." (Ord Hume).

5.1: March—Ballo, "The B.B. and C.E." (Ord Hume).
5.6: Vocal quartet—Mellow Fellows, "So Do I" (original).
8.10:Selection—Band, "Echoes of Scotland" (Rimmer).
8.18: Quite different—The Tenor Fellow, "The Prison Song" (Carl Bohm).
8.23: Waltz—Band, "Ecstasy" (Baynes).
8.28: "Aussic" special—Another "Bloke"—"The Wedding" (from "The Sentimental Bloke" (Davis).

timental Bloke" (Denis).

8.33: Selection—Band, "Lucia Di Lammermoor" (Donizetti).

8.43: Woman's Way—the Married Fellow, "Captain Mac" (Sanderson).

8.48: Cornet solo—Lieut. B. J. Shardlow, "The Pro" (Bulch).

8.52: Soprano solos—Miss Ailsa Nichol, (a) "Waltz Song" (from "Tom Jones"), (b) "Poet's Life" (Elgar).

9.0: Weather forecast.
9.2: Lecturette—Mr. Johannes Andersen, "Native Birds,"
9.14: March—Band, "The 20th, Century" (Ord Hume).
9.18: Duet—Two Nice Fellows, "Drifting and Dreaming" (Alstyne, Schmidt and Curtis).

9.22: Selection—Band, "Mirella" (Gounod).

9.32: Dialogue-Long and Short Fellows, "Nonsense" (original).

9.38: Humoresque—Band, "Coster's Courtship" (McKenzie). 9.48: A Rustic Dream—Baritone Fellow, "That Old Bush Shanty of Mine"

(O'Hagan).

9.47: Selection—Band, "Musical Snapshots" (Trenchard).
9.57: Goodnight—Mellow Fellows, "Old Kentucky Home" (Parks).
10.1: Cornet solo—Sergeant W. Bark, "Roses of Picardy" (Haydn Wood).
10.5: March—Band, "Holyrood" (Afford).

3YA CHRISTCHURCH (306 METRES), THURSDAY, JULY 26.

3 p.m.: Afternoon session—selected studio items.

4.27: Sports results.

10.9: God Save the King.

4.30: Close down. 6.0: Children's session—Chuckle and Aunt Pat—stories and birthday rhymes by Chuckle. Songs, Aunt Pat. More "Adventures of Alice in Wonderland". Recitations by Cousins—"Jim"; "Something Unusual"; "The Frosting Dish."

7.15: News session. 8.0: Chimes.

Scottish vocal programme.

8.1: Overture.

8.8.: Baritone solos—Mr. Clive Hindle. (a) "Scottish Emigrant's Farewell" (Hume), (b) "John Grumble" (arrgd. Moffatt).

8.12: Pianoforte solos—Miss Aileen Warren. (a) "Water Wagtail" ("Oriental Bracket"), (Scott), (b) "Elevation" (Chaminade).

8.16: Soprano solos—Madame Gower-Eurns. (a) "'Twas Within a Mile"

(Scottish), (b) "Annie Laurie" (arred, Lehmann),
8.22: Clarionet solo—Mr. S. E. Munday, "Flower Song" (Lange),
8.26: Tenor solos—Mr. Harold Prescott, (a) "Bonny Mary of Argyle" (Nelson), (b) "March of the Cameron Men" (Campbell),
8.31: Instrumental trio—Christchurch Broadcasting Trio, "Allegro Maestow" (Tale)

toso" (Lalo).

8.41: Contraito solos—Mrs. Ann Harper. (a) "Ye Banks and Braes" (Scottish), (b) "My Heart Is Sair" (Scottish), 8.46: Recital—Mr H. Instone, "The Sporran of Sandy McGlashin" (MS), 8.51: Flute solo—Mr. W. Hay, "Fantasia" (Powell).

8.56: Soprano and contratto duet—Madame Gower-Burns and Mrs. Ann Har-per, "Row Well, My Boatle" (Smith).

9.0: Weather forecast.

Overture.

9.1: Overture.
9.5: Barktone solos—Mr. Clive Hindle. (a) "The Deil's Awa' With the Exciseman" (Lees). (b) "Border Ballad" (Cowen).
9.11: Pianoforte solos—Miss Aileen Warren. (a) "Idylle Arabe" (Chaminade). (b) "Legende Del Castille Mors" (Chararri).
9.16: Vocal quartette—Grand Opera Quartet. "Wi' a Hundred Pipers"

(Arrgd. West).

9.20: Clarionet solos—Mr. S. E. Manday, (a) "Regrets D'Amour" (Bright), (b) "Serenade Elegante" (Hiller).
9.24: Tenor solo—Mr. Harold Prescott, "My Love's She's But a Lassie Yet"

(Trdtl. arrgd. Short). 9.28: Instrumental trios—Christchurch Broadcasting Trio, (a) "Afton

nater (Scottish), (b) "Flowers of the Forest" (Scottish).

9.36: Contralto solos—Mrs. Ann Harper, (a) "Caller Herrin" (Trdtl.), (b)
"John Anderson, My Jo" (Trdtl.).

6.42: Scottish patter—Mr. H. Instone, "The Smoking Lum" (MS).

9.48: Flute solos—Mr. W. Hay, (a) "Romance" (Cumnington), (b) "The
Butterfly" (Kohler).

9.54: Soprano solos—Madame Gower-Barns, (a) "My Ain Folk" (Trdtl.),
(b) "Coming Thro" The Rye" (Trdtl.).

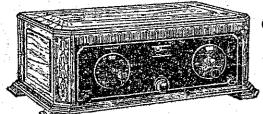
10.0: Vocal quartett—Grand Opera Quartet, "Auld Lang Syne" (Scottish),
God Save the King.

4YA DUNEDIN (463 METRES), THURSDAY, JULY 26.

SILENT DAY.

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Friday, July 27

1YA, AUCKLAND (333 METRES), FRIDAY, JULY 27.

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

4.0: Literary selection by the Announcer.

Further studio items.

4.25: Sports results.

4.30: Close down.
6.0: Children's hour, conducted by Nod, assisted by Maori girls from
Queen Victoria School. Maori speech of welcome. Choruses.
Letters and birthdays. Maori songs. Bedtime stories. Poi songs.

7.15: News and market reports.

8.0: Chimes. 8.1: Relay of Relay of overture from Strand Theatre Orchestra, under the direction

tector circuit as an aid to oscillation. The wise radio home-constructor will

always have on hand several values of grid-leaks in order to change them for

best results. There is really a definite reason for changing the grid-leak according to whether local or dis-

8.1: Relay of overture from Strand Theatre Orchestra, under the direction of Miss Eve Bentley.

8.11: Vocal quartet—The St. Andrew's Quartet, "See How the Fates," from "Mikado" (Sullivan).

8.15: Instrumental trio—The Auckland Trio, "Novelletten" (Gade).

8.24: Contraito solo—Miss Phyllis Gribbin, "The Enchantress" (Hatton).

8.29: Hawaiian guitar—"Waters of Waikiki" (Ferara).

8.33: Tenor solo—Mr. Robert Peter, "Farewell in the Desert" (Adams).

8.38: 'Cello solo—Miss Molly Wright, "Symphonic Variations" (Boellmann).

8.43: Vocal quartet—The St. Andrew's Quartet, "Cradle Song" (Brams).

8.47: One-act comedy—Auckland Comedy Players, under the direction of Mr. J. F. Montague, "A Perfect Pair."

9.7: Weather forecast.

Weather forecast.

Relay of entracte from Strand Theatre Orchestra. 9.18: Vocal quartet—The St. Andrew's Quartet, "Music, When Soft Voices" (Bantock).

ance value of the grid-leak the more sensitive is the functioning of the de-9.22: Hawaiian quartet—"Isle of Oaku" (Ferara).

9.22: Hawaiian quartet—"Isle of Oaku" (Ferara).
9.26: Soprano solo—Madame Richards, "An Irish Folk Song" (Foote).
9.30: Elecutionary—Mr. J. F. Montague, "Off and On."
9.36: Accordion—(a) "Intermezzo" from "Cavalleria Rusticana" (Mascagni); (b) "Egypto, Oriental Overture."
9.43: Bass solo— Mr.Arthur Colledge, "The Sentinel" (Oliver).
9.47: Instrumental trio—The Auckland Trio, "Serenade" (Wildor).
9.56: Vocal quartet—The St. Andrew's Quartet, "Finale" from "Mikado" (Sullivan). tector. Unfortunately, however, the tone quality when the detector valve

is responsive to strong signals is in-clined to become distorted. Another feature of the high resistance leak is

that the tuning of the set is broadened considerably on strong signals. Conversely the strong signal is rendered

10.0: God Save the King.

2YA, WELLINGTON (420 METRES), FRIDAY, JULY 27.

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 session—Uncle Ernest, assisted by pupils of Miss Myrtle
Lee. Piano duet, Cousins Nola and Dorothy B., "Romanza" (Diabelle). Chorus, cousins, "Bye Lo" (Gardner). Story, Uncle
Ernest. Musical monologue, Cousin Nola, "My Grandma"
(Gabriel). Birthdays. Piano duet, Cousins Connie and Joan,
"Reverie" (Engleman). Recitation, Cousin Dorothy L., "The
Piglets and the Garden" (Ashley). Story. Musical monologue, Cousin Dorothy, "The Two Dolls" (Gabriel). Piano duet,
Cousins Nola and Dorothy, "March" (Diabelle).
7.0: News session, market reports, and sports results.
7.40: Lecturette—Mr. E. P. Crowther, "A Royal Hobby."
8.0: Chimes of the G.P.O. clock.

An Operatic and Literary Evening.

8.1: Overture—The Orchestra, "Suite Algerienne" (Saint-Saens), (a)
"Evening Reverie"; (b) "Military March."

8.9: Vocal trio—Etude trio, "Angelus," from "Maritana" (Wallace).

8.13: Soprano solo—Miss Gretta Stark, "Here's to Love and Laughter,"
from "The Sunshine Girl" (Rubens).

8.17: Instrumental trio-Symons-Ellwood-Short Trio, "Episodes" (Schutt).

8.27: Vocal duet-Messrs. Ray Kemp and Frank Skinner, "Qui Vive" (Planquiette).

8.31: Fantasia—The Orchestra, "Star of Eve" (Wagner, arr. Bellingham).
(Soloist, Mr. Geo. Ellwood.)
8.37: Humour—Mr. Vernon Oswin, "The Grimbles and the Gwad" (Dennis).

8.43: Tenor solo—Mr. Frank Skinner, "The Faery Song," from "The Immortal Hour" (Boughton).
8.47: Instrumental—The Orchestra—Repeat number.

8.59: Weather forecast. 9.1: Baritone solos—Mr. Ray Kemp. (a) "On the Road to Mandalay" (Speaks); (b) "Follow Me 'Ome" (Higgs). (The words of these songs are by Rudyard Kipling, whose works will form the

subject of our literary talk fo-night.)
9.9: Literary talk—Mrs. R. S. Watson, B.A., "Kipling and His Works."
9.29: Instrumental—The Orchestra, (a) "The Recessional" (Kipling); (b)
"Danse of the Hours" (Ponshielli).
9.37: Vocal duet—Misses Gretta Stark and Rita Arnold, "Barcarolle," from

"Tales of Hoffman" (Offenbach).
9.41: Humour—Mr. Vernon Oswin, (a) "Lord Lundy" (Belloc); (b) "Breakfast" (Graham). ports of the All Blacks v. Springboks football matches. Their station employs an aerial power of 1250 watts

9.47: Contralto solo—Miss Rita Arnold, "Fat Lil' Feller" (Gordon). 9.51: Vocal quartet—Etude Quartet, "Soft and Low," from "The Mock and the wave-length L in the 400 Doctor" (Gounod), metres band. They also state that they have had reports of reception of their station from New Zealand listen-

9.54: Instrumental—The Orchestra, "Lilac Time," Part II (Schubert-Clutsam).

3YA, CHRISTCHURCH (305 METRES), FRIDAY, JULY 27.

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

4.25: Sports results. 4.30: Close down.

10.2: God Save the King.

4.30: Close down.
6.0: Children's session, conducted by Big Brother. Talk by Big Brother.
Piano duet, Cousins Isabel and Alma, "Norwegian Dance," Story for the tiny tots. 'Cello solo, Cousin Lola, "Tarantelle." Orchestral items by pupils of Ferry Road Convent, "Faithful and Bold" and "Iris." Violin solo, Cousin Albert, "Bob o' Link," Birthday greetings. Part-song by Convent pupils, "Swanee River." Story by Big Brother. 'Cello solo, Cousin Marjorie, "In a Monastery Garden." Piano solo, Cousin Natalie. "Butterfly." Vocal trio, Cousins A. McGrath, Eileen and Kathleen, "Lullaby."

7.15: News session.

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