Week-All Stations- to Nov. 7

Copyright-

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8.19: Instrumental-Symons-Ellwood-Short Trio, "Scherzo and Finale" (Trio

in D Minor), Arensky (Augener). 8.28: Soprano-Mrs. Alice Harris, "She Had a Letter" (Merrie England), German (Chappell).

8.32: 'Cello-Mr. George Ellwood, "Arlequin," Popper (Hamelle). 8.37: Baritone-Mr. Len. Barnes, "The Yeoman of England," German (Chap-

pell).
8.41: Cornet—Mr. E. Ormrod, "Facilita," Hartman (Wright and Round).
8.46: Contralto—Miss Lily Mackie, "O, Peaceful England," German (Chap-

8.51: Tenor-Mr. Arthur Coe, "That Every Jack," German (Chappeli). 8.55: Lecturette-Mr. H. C. South, "Books: Grave and Gay." 9.10: Quartet-The Orpheus Quartet, "The Month of May," German (Chap-

9.15: Clarionet—Mr. A. A. Crump, "Adelaide," Beethoyen.
9.20: Elocution—Miss Violet Wilson, "If Life Were a Play."
9.24: Instrumental—Symons-Ellwood-Short Trio, "Allegro" (First Movement,

B Flat, Trio), Schubert (Peters).

9.35: Vocal duet—Mr. Arthur Coe and Mrs. Alice Harris, "Come to Arcadie,"
German (Chappell).

9.39: 'Cello—Mr. George Ellwood, "Slavonic Fantasy," Dvorak-Kreisler (Sim-

rock).

9.44: Vocal duet—Mr. Len. Barnes and Miss Lily Mackie, "It Is the Merry Month of May," German (Chappell).
9.49: Cornet—Mr. E. Ormrod, "Serenade," Schubert (Boosey and Co.).
9.53: Quartet—The Orpheus Quartet—"Finale" from "Merrie England," German (Chappell).

3YA CHRISTCHURCH—SILENT. 4YA DUNEDIN (463 METRES)—TUESDAY, NOVEMBER 1.

3 p.m.: Town Hall chimes.
3.1: His Master's Voice recital.
3.16: Address, by Miss M. Pucchegud on "Interior Decoration."

3.30: Studio music.

4.0: Book reviews by Mr. H. Greenwood, Librarian of Dunedin Athenaeum.
4.15: His Master's Voice recitaL

4.30: Close down.

7 p.m.: Town Hall chimes.
7.1: Children's session—Big Brother Bill.
8.0: Town Hall chimes.

8.1: Orchestral selections from the Octagon Theatre, under the conductorship

of Mr. L. D. Austen.

810: Baritone solos—Mr. R. B. Macdonald, (a) "The Last Call," Sanderson;

(b) "Song of the Sword," Clough-Leighter.

816: Recital—Mr. Allan Young, selected.

8.16: Recital—Mr. Allan Young, selected.
8.21: Pianoforte solo—Miss Muriel Caddie, selected.
8.25: Mezzo-soprano solos—Miss Roma Buss, (a) "Queen of the Phillipine Islands"; (b) "The Star," Roger.
8.31: Violin solo—Miss Eva Judd, "Liebeslied," Wagner.
8.38: Monologue—Miss Roberta Williams, "Knitting."
8.41: Light vocal—Mr. R. Wilson-Brown, (a) "Signora"; (b) "I Want a Cup of Coffee."
8.47: Address—Pastor W. D. More, "Do You Like Cats?"
9.2: Pianoforte solo—Miss Muriel Caddie, selected.
9.6: Baritone solos—Mr. R. B. Macdonald, (a) "Mending Roadways"; "Coaling."
9.12: Humorous stories—Mr. Allan Young

9.12: Humorous stories—Mr. Allan Young. 9.18: Violin solo—Miss Eva Judd, "Chant San Paroles," Tschaikowsky. 9.21: Mezzo-soprano—Miss Roma Buss, (a) "Damon"; (b) "Sunshine,"

Cohen.

9.27: Monologue-Miss Roberta Williams, "Having it Out."

9.32: Pianoforte solo-Miss Muriel Caddie, selected. 9.36: Light vocal-Mr. R. Wilson-Brown, selected. 9.42: Recital-Mr. Allan Young, selected.

9.48: Violin solo-Miss Eva Judd, "Chansonetta," Drdla. 9.53: Monologue—Miss Roberta Williams, selected.

10.0: Close down.

Wednesday, November 2nd

1YA, AUCKLAND (333 metres), WEDNESDAY, NOVEMBER 2.

3 to 4.30 p.m.: Afternoon session—Selections from Studio, 7.15 to 7.45: News and reports.

8.0: Chimes.

8.1: Relay of orchestral overture from Prince Edward Theatre. Mr. Geo.

Poore, conductor.

8.11: Contraito solos—Miss Mollie Green, (a) "Slave Song," Del Riego; (b)

"Song of the Little Folk," Coates.

8.19: Baritone solo—Mr. Clinton Williams, "Harvest Song," Batten.

8.33: Sopranc solos—Mrs. Nodder, (a) "An Emblem," Thompson; (b) selected.

8.31: Tenor solos—Mr. G. Barnes, (a) "The Last Muster," Pontet; (b)

selected.

8.39: A talk on "Shakespeare's Comedies," by Mr. Culford Bell.
8.54: Duet—Miss M. Green and Mrs. Nodder, "Sainted Mother" from "Maritana," Wallace.

8.58: Tenor solo-Mr. Geo. Barnes, "In Sympathy," Leoni. 9.2: Weather report.

9.3: Organ and vocal-Mr. Arthur E. Wilson and assisting artist (Mr. Clin-

ton Williams), organ recital and vocal selections.
ton Williams). Programme: No. 2, Corelli's "Elegie," Sheppard;
"Swedish Wedding," march, Sodermen; solo, Mr. Clinton Williams; Minuetto (from Organ Concerto), Handel; Fantasia on "O Sanctissima Lux," Handle; solo, Mr. Clinton Williams; "Gavoette in C Minor," Saint Saens; "Romance Sans Paroles," Deshayes; march. 10.0; A thought. 10.1: Close down.

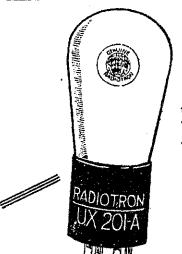
2YA WELLINGTON-SILENT. 3YA, CHRISTCHURCH (306 metres), WEDNESDAY, NOVEMBER 2.

3 p.m.: Afternoon concert session. 6.0: Children's session, by Uncle Sam.

7.15: Addington stock market reports.

7.30: News.

Relay of orchestral selections from Crystal Palace Picture Theatre Orchestra, under conductorship of Mr. A. J. Bunz. from "Abraham," Molique.



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8.15: Bass solo—Mr. W. Inkster, "Invictus." Kuhn. 8.19: Soprano solo—Miss Eileen Grennell, "A Heart that's Free," Robyn. 8.23: Violin solos—Miss Irene Morris, (a) "Poeme," Fibich; (b) "Schon

Rosmarin," Kreisler. Rosmarin, Kreisier.

8.30: Mr. Alec Dey will tickle you with a few doses of humour—"Monty, on Hints on Health," Hayes.

8.36: Bass solo—Mr. W. Inkster, "Until," Sanderson.

8.40: Soprano solo—Miss Eileen Grennell, a Maori slumber song, "Hine e Hine," Te Rangi Pai.

8.44: Interpretate the Chiladenale Production Trie (a) "Value Production"

Hine," Te Rangi Pai.

8.44: Instrumental trios—Christchurch Broadcasting Trio, (a) "Valse Russe,"
Bridge; (b) "Hornpipe," Bridge; (c) "March Militaire," Bridge.

8.56: Bass solo—Mr. W. Inkster, "Friend o' Mine," Sanderson.

9.0: Relay from Crystal Palace Picture Theatre.

9.15: Talk—Mr. Leo Hayward, "Reminiscences of Motor Tours."

9.30: Violin solo—Miss Irene Morris, "Chanson Meditation," Cottenet.

9.36: Soprano solo—Miss Eileen Grennell, "Fiddler, Come, Play For Me,"

Dunbar.

Dunbar.

9.40: Mr. Alec Dey will give us some Sydney East End lingo in poem form,
"The Intro" from "The Sentimental Bloke," Dennis.

9.48: Instrumental trios—Christchurch Broadcasting Trio, (a) "Barcarolle,"
Offenbach; (b) "Valse Song" from "Faust," Gounod.

10.0: Bass solo—Mr. W. Inkster, "Asleep in the Deep," Petrie.

10.4: Rebroadcast 2YA, Wellington (circumstances permitting).

Close down. 4YA DUNEDIN-SILENT.

Thursday, November 3rd

3YA, CHRISTCHURCH (306 metres), THURSDAY, NOVEMBER 3. 3 to 4.30 p.m.; Afternoon session—Selected Studio items. 7.15 to 7.45: News and reports.

8.0: Chimes.

8.0: Chimes.
 8.1: Relay of orchestral overture from Rialto Theatre.
 8.10: Baritone solo—Mr. Stan. Pritchard, "The Lute Player," Allitsen.
 8.14: Elocutjonary item—Thomas Harris, "The Hellgate of Soissons," Kaufman.
 8.19: Piano solos—Miss Maida Hooker, (a) "Intermezzo," Brahms; (b) "Waltz, Op. 42," Chopin.
 8.27: Soprano solos—Miss Berta Carr, (a) "Lullaby," Scott; (b) "Russian Folk Song," Aliabyer.
 8.35: Baritone solos—Mr. S. Pritchard, (a) "Sca Fever," Ireland; (b) "The Moon Drops Low," Cadman.
 8.43: Piano solo—Miss M. Hooker, "Rhapsodie," Dohnanyi.
 8.48: Elocutionary—Mr. T. Harris, (a) "I Forget," Hennequin; (b) "The Plaint of the Tram Conductor," anon.
 8.56: Soprano solo—Miss B. Carr, "In the Silent Night," Rachmaninoff.
 9.0: Weather report.

Weather report. 9.1: Instrumental and vocal-Walter Smith's Radio Band, novelty orchestral and vocal selections.

10.0: A thought. 10.1: Close down.

2YA WELLINGTON (420 METRES)—THURSDAY, NOVEMBER 3.

3 p.m.: Gramophone recital.

3.30: Sporting results to hand. 3.31: Lecturette-Madame Britten, "Fashions."

3.46; Gramophone recital and relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.

4.20: Lecturette-Miss McKeowen, of Mrs. Rolleston, Ltd., "Care of the Hair." 4.35: Gramophone recital and relay of Manuel Hyman's Exhibition Band from the Adelphi Cabaret.

4.59: Sporting results to hand.
6.0: Children's hour—Uncle Sandy and the Clyde Quay School. "Huntsman's Chorus"; piano solo; story time, by Uncle Sandy; chorus, "My Country, "Tis of Thee"; followed by recitations and songs.

7.0: News session and market reports.
7.40: Lecturette—Mr. W. King, "Esperanto" (lesson 14).
8.0: Chimes of the General Post Office clock, Wellington.
8.1: Band—Wellington Municipal Transways Band, march: "Ravenswood,"

Rimmer, (T. Haigh).

8.6: Vocal quartet—The Lyric Quartet, "In Absence," Buck (Alian and Co.).

8.10: Band—Wellington Municipal Tramways Band, "Tambauser," Wagner ("Champion Journal").

8.22: Tenor.-Mr. Harry Phipps, "Bells of Youth," Fletcher' (Chappell and

Co.). 8.26: Band-Wellington Municipal Tramways Band, "Der Freischutz," Weber

8.26: Band—Wellington Municipal Tramways Band, "Der Freischutz," Weber ("Champion Journal").
8.37: Vocal quartet—The Lyric Quartet, (a) "Fishing," Parks; (b) "The Tack," Parks (Parks-Parks).
8.41: Band—Wellington Municipal Tramways Band, overture: "Zampa," Herold ("Champion Journal").
8.48: Baritone—Mr. Will Goudie, "Arguing Wife."
8.52: Band—Wellington Tramways Municipal Band, fantasia: "A Drumhead Church Service," Ord Hume (Boosey and Co.).
9.2: Weather report.

9.2: Weather report.
9.3: Lecturette—Mr. F. W. Vosseler, "Whaling in Cook Strait."
9.15: Band—Wellington Municipal Tramways Band, plantation episode: "Cows in the Cotton," Hali (John Church).



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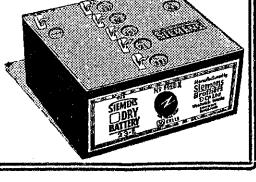
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The use of a pair of pliers or a knife in skinning a length of silk-covered copper wire often results in the free end of the wire being cut off. This often necessitates rewinding of a coil. The best procedure for skinning silk or cotton-covered wire is to double over a cotton-covered wire is to double over a cotton-covered wire is to double over a contract. piece of No. 00 sand paper and draw the wire between the folds. The fineness of the sand paper is just right to grasp the tiny fibres of the insulating material and will effectively remove the covering. A distinct advantage in using this system is that the sand paper also polishes the wire, which allows it to be easily soldered.

Home-builders or buyers of "cheap and nasty" receiving sets should be-ware of cheap variable condensers. A ware of cheap variable condensers. A condenser of an inferior quality cannot give good results. A radio authority says: "The losses in a cheap condenser may be summarised as follow:—(1) Dielectric leakage; (2) dielectric hysterisis; (3) insulation leakage; (4) direct-current resistance in plates; (5) tray field canceity. (6) inculation lyse stray field capacity, (6) insulation lys terisis. These losses in a good con-denser are reduced to such a point that the most sensitive instruments devised one most sensitive instruments devised to measure resistances cannot accurately indicate or check any losses whatever. This is not an exaggeration. It does not mean, however, that there are no losses, but that the losses are so small that it is impossible with unusually delicate equipment to determine them."

The little C battery (grid-bias battery) which is now in general favour for applying to the grids of all audio-frequency amplifying valves, not only removes any harshness in tone, but means moves any narshness in tone, but means a saving of about 70 per cent. in F pattery consumption. The positive of & C battery is connected to the negative of the A battery, and the negative of the C battery is connected to the filament connections of the accordance of ment connections of the secondaries of the audio transformers. The necessary voltage of the C battery to be used varies according to the voltage of the B battery on the audio valves. Each make of valve is generally accompanied with instructions as to the amount of C hattery voltage required.

hattery voltage required.

Owing to the natural characteristics of the last audio valve in a multivalve set not "nicking" with the characteristics of the loudspeaker the tone of the latter is sometimes impaired. The tone quality of the loudspeaker canoften be improved by connecting a .005 mfd to a .02 mfd fixed condenser across the loudspeaker cord tips at the end nearer the receiving set. A second connearer the receiving set. A second condenser of a similar type can also be placed across the londspeaker terminals.

New Zealand short-wave broadcast listeners who find that there is much interference when listening to 2XAF, Schenectady, U.S.A., on 32.77 metres, will be interested in the report of a Melbourne amateur transmitter. He Melbourne amateur transmitter. He says: "There is now such terrific interference on the 32 to 33 metre wave band that quite a number of amateur stations are moving up again slightly, so as to be able to work without interfering with the numerous 'phone and commercial stations that are working there."

Cord tips are sometimes subject to a fraying in which the fabric around the tinsel works out from within the cord tip. Since this braided covering acts as a strengthening device in respect to the conductor, the cord tip soon breaks loose from the wire if the end of the fabric becomes frayed. If a short length of fine black or brown silk thread is "whipped" around the frayed portion of the cord and securely held in place white a liberal coat of flexible collodion is applied, a permanent repair will be made. In fact, such a repair will withstand continuous abuse for a much longer period than the original as a strengthening device in respect to much longer period than the original type of construction.