

Programme Features

(Continued from page 17.)

3YA Broadcast

TROTTING results from Addington will be broadcast during the afternoon. At 7.30 Mr. H. J. Geddes will speak to farmers about "Easilage in Canterbury." This talk has been arranged by the 3YA Primary Productions Committee.

A programme descriptive of a day in the English countryside should prove interesting.

Redolent of the peaceful atmosphere of life in that part of old Homeland it will undoubtedly make a splendid broadcast. Numerous old rounds, part songs, pastorals, and folk songs will intersperse the programme. Connecting the threads of the theme will be brief explanatory remarks and descriptive elocutionary numbers. The solos will include a number of old favourites, such as "There Was a Jolly Miller," "A Hunting We Will Go," and "Tally Ho." The artists contributing to this programme will be the Avon Glee Singers, under the direction of Miss Millicent Jennings.

FRIDAY

From 1YA

MR. F. R. FIELD, under the auspices of F. R. Field Scientific Research Society, will broadcast from 1YA a further talk on the "Workings of the Sun and their effect upon the Earth—Part I."

The instrumental music to be provided by the Studio Trio will include a violin solo by Mr. Whitford Waugh. Mr. S. C. Lewis, the popular clarinet soloist, will be heard in several numbers, and Mr. Cyril Towsey in a piano-forte solo. The vocalists appearing on this evening's programme are well known, and need no introduction. The programme will conclude with a gramophone lecture-recital.

2YA Topics

MR. COLIN W. SMITH, B.A., Technical Editor of the "Radio Record," will continue the series of talks on radio, dealing with aërials, earths, and set installation.

Listeners will no doubt remember with pleasure the Wellington Operatic and Theatrical Society's recent studio presentation of "The Belle of New York," and will be delighted to hear that arrangements have been completed whereby an evening of excerpts from comic operas and musical comedies will be given tonight.

These will include such well-known numbers from "Floradora" as "The Welcome Chorus," "In the Shade of the Palm," "Silver Star of Love," and the double sextet "Tell Me, Pretty Maiden." The musical comedy "Our Miss Gibbs" will be represented by the sextet "Correct," "Mary," "Country Cousins," and "Our Farm," the latter two being featured as humorous numbers by Mr. Will McKeon, who will also feature "Doogan's Fancy Dress Ball" from "The Belle of New York." The chorus "China Girl" and "The Finale from Act 1" from "The Belle of New York" will also be given, as well as a chorus from "So Long Letty," and a

solo from Monckton's musical comedy "The Toreador." The incidental numbers to be played by the orchestra will be selections from "On With the Dance," "The Gondoliers," "Stop Flirting," "A Waltz Dream," and "Dances" from "The Rebel Maid."

Christchurch Items

FROM noon onward trotting results will be broadcast.

The Bailey-Marston Dance Orchestra has been engaged to provide the dance music this evening. The preceding concert programme will be of a very popular nature. Miss Elaine Moody's Hawaiian Trio, with steel guitars and ukelele, will provide some of the latest Hawaiian and other airs, with vocal refrains by Miss Moody. The popular Mascots will present two sketches, "The Baggage" and "The Miracle."

4YA Notes

THERE will be a "Mozart Evening" at 4YA, when the whole programme will be devoted to the works of that famous composer. A lecture will be given by Mr. Max Scherck, president of the Otago Society of Musicians. The singers for the evening will be the Harmonists Quartet.

SATURDAY

From Auckland

AT 7.40 p.m. Mr. G. D. Rutter will give a further talk on "Gladioli." A particularly fine programme has been arranged for the evening's session, including items by the 1YA String Octet, Ernest and Wendy Luks, Barry Ingall's Hawaiians, and the Basham-Briggs Duo, who will provide both solos and duets.

Items From 2YA

THE 2YA concert programme will be of a vaudeville nature. The Salon Orchestra, under Mr. M. T. Dixon, will play as an overture Ketelby's well-known selection "By the Blue Hawaiian Waters," the popular orchestral novelty number, "The Voice of the Bells," the musical comedy selection, "Katinka" and several of the latest dance novelties. Two Scottish numbers will be sung by Mrs. Jeanie Potts, and tenor solos by the popular tenor, Mr. Stewart Nelson, will include a number from Woodforde-Finden's "Pagoda of Flowers" and the solo, "Love's Own Kiss," from the musical comedy, "High Jinks." Mr. Sydney Brewer, a baritone singer who has had experience with several leading amateur operatic societies, will be heard in two ballad numbers and popular songs at the piano will be featured by Mr. Billy Hart. Mr. Will Yates, the popular entertainer, will be heard in several humorous numbers of his arranging. The Golden Hula Quintet, a combination specialising in Hawaiian music, will contribute several South Sea Island numbers to this programme.

Christchurch Notes

THE results of the final day's racing of Carnival Week will be broadcast.

A party of entertainers called the "Radio Rascals," will provide a vaudeville concert, which will be broadcast by 4YA.

The programme will be of the continuous type, choruses, sketches, songs

Choke Construction

(Continued from page 15.)

another article, so only the specifications will be given here.

The choke is constructed of 1½ in. stalloy built to 1½ in., and with a winding of 300 turns of 18 s.w.g. d.c.c. will have an inductance of .5 henry when passing 2 amperes, the maximum current.

The spool ends are 2½ in. square by 1-8 in. thick, preferably of fibre, with an inside length of 2½ in., which will accommodate 38 turns per layer if the wire is fairly straight. Each layer should be shellaced when wound and allowed to dry for a few minutes before covering with brown paper and proceeding with the next. The "window" in the core will measure 2½ by ½, which is sufficient to accommodate the eight layers necessary.

An important point in this type of choke is that the direct-current resistance shall be low, and in this case it is less than 1 ohm, .91 to be exact, so that when one ampere is passing the drop will be .91 volt, and with two amperes 1.82, or less than two volts. If a lower resistance than this is required, 10 s.w.g. wire could be used. The amount of stalloy required will be 2½ dozen 3ft. strips.

Increasing the dimensions of the core raises the inductance, but as each turn is then longer, the resistance is not greatly reduced, although fewer turns will give the same inductance.

A smaller choke of ½ henry inductance may consist of 360 turns of 18 s/w/g on a 1 in. core, 12 layers, 30 turns per layer, the inside of spool being 2 in. longer, ends full 2½ square.

The larger choke takes 1½ lb. 9oz. of wire and the smaller 1½ lb. 13oz. Considering the smaller inductance obtained from the small choke, and the fact that its resistance is slightly greater than the layer, there is no advantage in constructing the small choke except in a case where space occupied is an object.

The two gaps in the large choke should be 3-32 in. each if the full 2 amperes is to be carried. The gaps in the small choke should be not less than 1-16 in. each.

These chokes are suitable for smoothing the output of an "A" battery charger in conjunction with an electrolytic condenser of high capacity.

AN Italian doctor has been able to receive waves sent out by the human body. His receiving set shows them to be 4 and 10 metres.

and recitations succeeding one another rapidly. A number of excerpts from musical plays will be heard. The sketches will include "Horses," "Hats," "Mademoiselle," "The Eternal Triangle," and "Before and After." A male quartet will sing "Nell McRae" and there will be several duets. The finale will be "Songs of Yesterday."

Our Mailbag

Intolerance.

"JAZZ and popular music is hitting the air and insulating the public in general. If modern dancers must have dance music, then it should be confined to the dance hall." That is one person's opinion, and undoubtedly he or she will find hundreds to agree. But—

Several B class stations give a request hour one night each week, and anyone may request any type of musical programme from symphonies to blues. With what result? The first thousand requests received for selections to be played during this programme showed overwhelmingly the demand for dance numbers and sentimental ballads.

Are these people to be denied their pleasure simply because someone else thinks that type of music is not good enough to be enjoyed? Do you blame the broadcasting stations for catering for the public? The theatres, the moving picture house satisfy the wishes and demands of the public, and if an enterprise is to be successful the customers must be pleased. When the public changes its view on music and makes its demand heard, the broadcasting stations will make the change very quickly. Until then one may expect to hear many hours of crooning lullabies sung by tenors, and hot blue numbers by women baritones, and fast, syncopated dance music played by popular dance bands.

A simple twist of the dials and you do not have to listen to something which is offensive to you, although enjoyable to someone else. It is not necessary to deprive others in order to enjoy yourself.—Spence R. Ellis (Okato).

Progress of Rebroadcasting

THIRTY American relay broadcasting stations are now engaged in transmitting their programmes via short waves for foreign pick-up. Most of them are adjuncts of regular broadcasting stations. In addition, the Federal Radio Commission has issued construction permits authorising the building of six others.

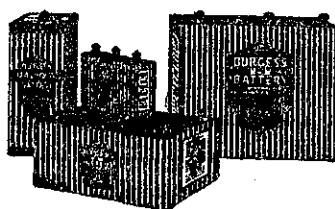
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