

the aerial, are connected together and to the earth terminal of the set. No connection to the earth is then made. Usually this will be found to make a great reduction in power interference, and may lessen the effect of static.

## Children's Sessions

### AT 1YA.

**TUESDAY, OCTOBER 23.**—Uncle George and some little competition people will cheer you all for an hour this evening. The Gramophone-man will also be present with his records and interesting talk about them.

**WEDNESDAY.**—Good-evening Uncle Tom. We're pleased to hear you again, and your little helpers. Also Birthday Greetings and messages from Radio Postman.

**THURSDAY.**—Here is Peter Pan with a troop of Scouts, so keep your ears wide open till 7 o'clock for their fun, not forgetting the Scout Haka at the end.

**FRIDAY.**—Nod and Aunt Jean also have some little competition people with them, and Aunt Jean has more sweet songs for the radio family. Nod has splendid stories and there will be Birthday Greetings, too.

**SATURDAY.**—Cinderella has all sorts in the glass slipper to-night. Cousins reciting and playing the violin, and Uncle Mack will tell more exciting stories of India.

**SUNDAY.**—Children's Song Service, conducted by Uncle Leo, assisted by children from the St. Peter's Presbyterian Sunday School.

### AT 2YA.

**MONDAY, OCTOBER 22.**—There will be songs by some new boy cousins, Bill and Percy, and also by Cousin Phyllis, who often gives pleasure with her singing. Uncle Jeff will tell you where to find your fairy gift, and Aunt Gwen will read one of her bedtime stories.

**TUESDAY.**—Cousin Zac will play his steel guitar, then Cousin Marjorie will sing, Cousin Claudia will play the piano, and little Cousin Clarice, who is only a wee-mite, will sing. She will also play her own accompaniment. Big Brother Jack, and his Old English Game Rooster will also be there.

**THURSDAY.**—To-night, four little girls will play two pianos at the same time, and they have learnt the duos specially to play for you. There will be other good things, too. Uncle Pepper will come with more of his wonderful stories of the South Pole.

**FRIDAY.**—To-night brings once again those clever little pupils of Mrs. Theo Hill's, whose last programme gave so much pleasure. There will be birthday greetings from Uncle Ernest, and another of his wonder stories.

**SATURDAY.**—Listen in to the pupils of Mrs. E. Mackay and Miss Edna Sneddon to-night. This is party night, so Uncle Toby

and Aunt Gwen will hurry along with the greetings early, and then they will tell a bedtime story before the end of a happy hour.

**SUNDAY.**—The Children's Song Service will be conducted by Uncle Ernest, assisted by the Cambridge Terrace Congregational Sunday School Choir, under Mr. Reynolds.

### AT 3YA.

**MONDAY, OCTOBER 22.**—"Scatter-joy" will tell of unusual and delightful gardens in far away lands. "Rebecca," of Sunnybrook Farm, and Bookland, will visit 3YA and provide laughter and fun. Greetings and Best Writer's verse.

**WEDNESDAY.**—Mother Hubbard is going to answer all Uncle Peter's questions and riddles to-night—so watch out for some fun.

**THURSDAY.**—This is our night with the Gramophone Box—so Ducky Blob, the Raggedy-doo man, and the Toyman will visit us, and you will hear some good things.

**FRIDAY.**—Big Brother, Miss Arpeggio, and the boys' choir from West Christchurch School will keep you well entertained to-night.

**SATURDAY.**—Listen well to-night, for a little band of singers and merry-makers from Tai Tapu are coming to cheer you all at the end of this day.

**SUNDAY.**—The Children's Song Service, with Uncle David in charge, and the children from the Congregational Sunday School singing the hymns.

### AT 4YA.

**TUESDAY, OCTOBER 23.**—Long, long ago, in the days of the earliest Britons, what did boys and girls do for fun? Did you know that they played knucklebones and hop-scotch? And did you know that they had peg-tops with whips, and played marbles? If you didn't know these things, what about coming back a thousand years in the "Time Scooter" and seeing for yourself? There will be a group of children to play and sing on the way. And, of course, the letters and the Radio Postie.

**FRIDAY.**—A concert party from the Salvation Army Home will be on the air to-night from 4YA. Aunt Sheila will tell one of the little stories that mothers told their bairns a thousand years ago. And the family will go a trip on the "Time Scooter" as far as the Panama Canal. Nothing to see there, says somebody. Isn't there, you just come and see. The Radio Postie will deliver his presents as usual, even though we shall all be such a long way from New Zealand.

(Continued from page 32.)

70 metres, and R4 on its first harmonic. Reception very good.

3ZC, the new shortwave station of Christchurch, was heard testing on 50 metres. Volume was good enough, but plenty of room for improvement in other directions. This, of course, will be soon improved.

### Friday, October 12.

5 a.m. till 7.30 a.m.—PCJJ. R8—9 till after 6.30, when volume decreased to R5 at 7.30 a.m. Reception excellent. Slight static; very steady. 5.15 a.m. till 6.30, 7LO, Nairobi. Report earlier in notes.

2XAD testing with 5SW. R8-9 very clear and steady. Could only hear the American speaking from this end.

5SW, R8.—From this station both sides of the conversation could be heard. The Englishman 100 per cent., while his friend was only readable in parts—about 25 per cent. The speakers were: American, Mr. Lynn; Englishman, Mr. Wilson.

In closing the test at 5.43 2XAD said: This is W2XAD signing off with EG5SW, Chelmsford, etc. 5SW announced they were closing down till 7 p.m. GMT.

The next test was arranged for next Monday (Tuesday morning here).

On about 16 metres a lady was heard talking, too faint—R2-3—to understand what was said. Probably ANE, Java.

2XAD was heard again with a musical programme, and was still going when I left them at 7.25 a.m.—R5.

5S.W.—Big Ben was missed on account of listening to 7LO, Nairobi, signing off.

A talk was on when tuned in.

At 7.30 a.m. some Irish songs were heard, including "Father O'Flynn" and "Off to Philadelphia." Irish jigs on a violin followed.—R8.

3ZC was again heard testing, but still far from perfect.

RFM was spoilt by static, which was bad on all wavelengths during the evening.

2HC, New South Wales, 80 metre,

band, and 2—, Goulburn, on the 30-metre band, were testing. Good strength, but static bad.

### Heard in Masterton.

J. D. O'Loughlin (Masterton) writes: "On October 10, I picked up a new station on about 38 metres. At 5.15 a.m. a lady was announcing: 'Hello, Western Australia. Hello, Melbourne stations. Hello!'" Later, a man announced, but did not give the call. He then spoke in Dutch. At 7 a.m. they grew weaker and unsteady. Although he called "Hello! Hello!" no call was heard. Records were put on at 7.15, but grew weaker. It was probably a station in the Dutch East Indies—perhaps 3BB. On October 12 I heard a station on 33.5 metres at 6.25 a.m. A record was played, and he closed down after saying a few words in English with a foreign accent. P.S.—The Canadian station was heard at 5.23 p.m., not in the morning.

[The Dutch station heard was probably PCLL, Holland (see Mr. Sellens' Notes).]

AS the paste inside an H.T. battery or flash-lamp cell is just as destructive to carpets, etc., as accumulator acid, great care should be taken when such batteries are being opened that none of the paste comes into contact with floor coverings, furnishings, etc.

IF your condenser reading appears to alter so that a station is sometimes tuned in at, say, fifty degrees, and another time at fifty-six degrees, the trouble is probably due to a faulty earth connection.

QUICK work was evidenced in the erection of a broadcasting station in the most important of Italy's Alpine provinces, which before the war belonged to Austria. A new company was formed, aiming to serve the locality and decided to erect a 200-watt broadcasting station. A month later it was opened. This is the fourth transmitter in Italy, but two more are in the course of construction.

## Railway Cheap Excursion Fares for LABOUR DAY Week-End Holiday ANOTHER SPRING CONCESSION.

Extended opportunity for a Cheap, Healthful Week-end Jaunt.

Reduced Fares to any station will be in operation from 19th to 22nd October—available for return until 27th October.

Tickets obtainable 14 days ahead of Travel Date.