

# Programmes Continued

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## Saturday, January 21st

1YA AUCKLAND (333 METRES)—SATURDAY, JANUARY 21.

- 3 p.m.: Afternoon session—Selected Studio items.  
4.0: Literary selection, by Mr. Culford Bell.  
4.30: Close down.  
6.0: Children's hour—Cinderella.  
7.0: Close down.  
7.15: News and sports results.  
7.45: Close down.  
8.0: Chimes.  
8.1: Relay of orchestral overture from Prince Edward Theatre Orchestra, under the direction of Mr. Howard Moody.  
8.11: Vocal quartet—The Lyric Four, "Dance of the Gnomes" (McDowell).  
8.15: Tenor solo—Mr. Herbert Richards, "Passin' By" (Cadman).  
8.19: Instrumental—The Le Pali Duo, popular melodies.  
8.24: Humorous recital—Mr. Alan McElwain, some humour.  
8.29: Vocal quartet—The Lyric Four, "Afton Water" (Hume).  
8.33: Tenor solo—Mr. Arthur Ripley, "A Dream" (Barlett).  
8.37: Relay of orchestral selections from Prince Edward Theatre.  
8.47: Bass solo—Mr. Ernest Thomas, "The Old Refrain" (arr. Kreisler).  
8.52: Humorous quartets—The Lyric Four, (a) "Wimmen"; (b) "Two Flies."  
9.0: Weather forecast.  
9.2: Instrumental—Le Pali Duo, "Hawaiian Melodies."  
9.10: Vocal duet—Messrs. Richards and Thomas, "The Two Beggars" (Lane-Wilson).  
9.15: Humorous recital—Mr. A. McElwain, more humour.  
9.20: Vocal quartet—The Lyric Four, "Rockin' in the Wind."  
9.25: Relay of dance music from Click-Clack Cabaret—Mr. Walter Smith's Click-Clack Radio Orchestra.  
11.0: A thought.  
11.2: God Save the King.

2YA WELLINGTON (420 METRES)—SATURDAY, JANUARY 21.

- 3 p.m.: Chimes of the General Post Office clock, Wellington.  
3.1: Selected gramophone items.  
5.0: Close down.  
6.0: Children's hour—Auntie Gwen, Auntie Dot, and party.  
7.0: News session, market reports, and sports results.  
8.0: Chimes of the General Post Office clock, Wellington.  
8.1: Overture—"Coppelia Ballet, Prelude and Mazurka" (Delibes).  
8.5: Vocal quartet—Melodie Four, "Peter the Cat" (Eastman).  
8.9: Instrumental trio—Symons-Ellwood-Short Trio, "First Movement, Trio in E Flat" (Hummel).  
8.19: Bass solo—Mr. W. W. Marshall, "A Bachelor's Love Song" (Slaters).  
8.24: Tenor solo—Mr. Frank Bryant, "Bird Songs at Eventide" (Coates).  
8.29: Piano and cello duet—Mr. Gordon Short and Mr. Geo. Ellwood, "Andante" from "Grand Duo" (Gofferman).  
8.39: Baritone solo—Mr. R. S. Allwright, "The Ringers" (Lohr).  
8.44: Vocal duet—Messrs. Williams and Marshall, "The Two Beggars" (Lane-Wilson).  
8.50: Pianoforte solo—Mr. Gordon Short, "Concert Study in D Flat" (Liszt).  
8.55: Tenor solo—Mr. C. A. Williams, "In the Wood" (Franz).  
8.59: Vocal quartet—Melodie Four, "Ukulele Dream Girl" (Low).  
9.3: Weather forecast.  
9.5: Lecturette—Mr. G. A. Troup, Mayor of Wellington, "The Anniversary of Wellington Province."  
9.21: Jazz and dance items.  
11.0: Close down.

3YA CHRISTCHURCH (306 METRES)—SATURDAY, JANUARY 21.

- 6 p.m.: Children's hour—Uncle Sam, bed-time songs, stories, letters, and birthday greetings.  
7.15: News and reports.  
7.30: Sports results.  
8.0: Chimes. Relay of orchestral selections from Liberty Picture Theatre Orchestra, under the direction of Mr. Ernest Jamieson.  
8.15: Concert of miscellaneous items by the International Concert Party.  
Choruses—International Choir, (a) "The Mermaid" (Watson); (b) "The Red, White, and Blue" (Arne).  
Recital—Mr. David Dickson, "The Problem" (Wingate).  
Choruses—International Choir, (a) "Duncan Grey" (traditional); (b) "My Love, She's But a Lassie Yet" (traditional).  
Vocal solo—Mr. J. Wilson, "Border Ballad" (Cowan).  
Choruses—International Choir, (a) "Cook Robin"; (b) "Jingle Bells" (Pierpont).  
Vocal solo—Miss Netta Dickson, "Break o' Day" (Sanderson).  
Choruses—International Choir, (a) "Kingdom Coming" (Work); (b) "Camptown Races" (Foster).  
Instrumental trios—Christchurch Broadcasting Trio, (a) "Romance" (Bridge); (b) "Rondo Alla Turca" from "Trio, Op. 22" (Hummel).  
Vocal solo—Miss Lewis Dickson, "McGregor's Gathering" (Lee).  
Pipe solos—Mr. J. McLachlan, "The Road to the Isles" (traditional); (b) "The Marchioness of Tullibardine" (traditional).  
9.0: Weather forecast.  
9.1: Relay of orchestral selections from Liberty Theatre.  
9.15: Soprano and tenor duet—Miss Mabel Thomas and Mr. David McGill, selected.  
9.18: Instrumental trios—Christchurch Broadcasting Trio, (a) "Serenade" (Liche); (b) "Waltz" (Carreno).  
9.28: Soprano solo—Miss Mabel Thomas, "Come per Me Sereno" (Bellini).  
9.31: Tenor solo—Mr. David McGill, "Land of Long Ago" (Ray).  
9.34: Instrumental trios—Christchurch Broadcasting Trio, (a) "The Wood Nymph" (Lind); (b) "Abenlied" (Schumann); (c) "Gavotte" (Sinding).  
9.44: Soprano and tenor duet—Miss Mabel Thomas and Mr. David McGill, selected.  
9.47: Soprano solo—Miss Mabel Thomas, "Down in the Forest" (Ronald).  
9.51: Choruses—International Choir, (a) "Over the Sea to Skye" (Barnett); (b) "The Three Crows."  
9.57: Tenor solo—Mr. David McGill, "Macushla" (Macmurrough).  
10.0: Final solo and chorus—Miss M. Frost and International Choir, "Mister Baggy Breeches" (Dreowski).  
10.4: Relay of dance music from Caledonian Hall (by kind permission of Canterbury Caledonian Society and Mr. Reg. Stillwell)—Music by Jackson's Orchestra.  
God Save the King.

4YA DUNEDIN (463 METRES)—SATURDAY, JANUARY 21.

- 7.15 p.m.: News and reports.  
7.30: Address on "Interior Decoration," by Miss M. Puechegud.  
8.0: Town Hall chimes.  
8.1: Relay of orchestral music from the Empire Theatre Orchestra, under the direction of Mr. Chas. Parnell.  
8.11: Tenor solos—Mr. R. A. Mitchell, (a) "Dolorosa" (Phillips); (b) "Romance" from "Martha" (Flotow).  
8.18: Cornet solo—Mr. George Christie, "Till the Sands of the Desert Grow Cold" (Ball).  
8.22: Contralto solo—Miss Irene Horniblow, L.R.A.M., "The Sands of Dee" (Clay).  
8.26: Violin solo—Mr. A. Watson, "Melody" (Bartelot).  
8.31: Baritone solos—Mr. Arthur Langley, (a) "Roses of Picardy" (Wood); (b) "Uncle Rome" (Homer).  
8.37: Relay of orchestral music from the Empire Theatre.  
8.48: Flute solo—Mr. Chas. E. Gibbons, "The Mascot" (Audran).  
8.55: Soprano solo—Miss Letty de Clifford, "Rose of My Heart" (Lohr).  
9.0: Town Hall chimes. Weather forecast.  
9.2: Cornet solo—Mr. George Christie, "Inspiration" (Hume).  
9.8: Tenor solo—Mr. R. A. Mitchell, "Land of the Leal" (Nairn).  
9.12: Violin solo—Mr. A. Watson, "Valse Triste" (Sibelius).  
9.17: Contralto solos—Miss Irene Horniblow, (a) "The Sweetest Flower" (Hawley); (b) "Love Was Once a Little Boy."  
9.24: Piccolo solo—Mr. Chas. E. Gibbons, "Birds of Spring" (Gibbons).  
9.30: Baritone solo—Mr. Arthur Langley, "God Have Mercy" from "St. Paul" (Mendelssohn).  
9.34: Cornet solos—Mr. George Christie, (a) "Because" (d'Hardelet); (b) "When Song is Sweet" (Sans-Souci).  
9.40: Violin solo—Mr. A. Watson, "Tempo di Minuetto" (Kreisler).

It cannot be over emphasised that the bearings of a variable condenser should be carefully designed. They should be large, capable of adjustment for wear, and so made that the movement of the rotating vanes is perfectly smooth. A fibre or ball thrust aids in accomplishing this, but there is no need for the ball bearings of the usual type, for the simple reason that a properly-adjusted ball bearing is quite free, and a certain amount of friction must be introduced by tightening up the ball-races, or otherwise, in order that the vanes may stay in any given position.

A good conical bearing in a variable condenser fills the bill absolutely, since with it both side and end play can be eliminated. The operating end of the spindle should be plain fin. in diameter. If all manufacturers would standardise this, knobs and dials could be made perfectly interchangeable. Finally, we wish to emphasise the fact that the days of the condenser employing a screwed spindle running in plain bearings are definitely over, says an English authority.

The Dutch short-wave station PCJJ at Hindhoven, which had been closed down for six weeks pending removal to Hilversum, has reopened for a few weeks at the request of listeners from all over the world.

A resident in Cobdogla, on the banks of the River Murray, has a cockatoo which screeches out "3L.O., Melbourne," after hearing that station for some months.

A "dry" joint is a soldered connection which is not electrically joined owing to the presence of a thin film of resin, for instance, between the two metal surfaces. Such joints often appear perfect as far as can be seen, but generally a pull with a pair of pliers or a jar will expose the weakness. If in trouble look for "dry" joints.



MR. REG. RICHARDS.

Mr. Reg. Richards, one of the younger baritones in Dunedin, has in public concert work reached a very high standard with his fine voice. Mr. Richards has enjoyed many successes in the competitions, both in Dunedin and elsewhere, and is a regular performer at 4YA.

The scratching and scraping noises heard in the loud-speaker are not always due to static or atmospheres. Disconnect the aerial and earth from the set, and if you hear the unpleasant sounds with the same volume, it is probable that the noises emanate from the receiver. Look first at the battery connections; they may be dirty.

Marconi's Wireless Telegraphy Coy. have obtained a British patent covering an invention relative to loud-speakers. The device consists of a plurality of nested sections resembling buckets of various sizes, which are fitted into one another, thereby effecting faithful and uniform amplification of all the audible frequencies without distortion.

It is sometimes hard to locate the screw holes for condensers and other instruments to be mounted on a panel without the aid of a drilling template. Here is a simple way to locate the position for these holes—Locate and drill the hole for the centre shaft of the condenser. Then place the instrument on the panel with the shaft protruding through the hole and rest it in exactly the position you wish it to occupy. Sprinkle a little white powder or flour around the screw bushings and then carefully jack up the condenser without disturbing the panel. The powder will form little circles, the centres of which may be marked with a sharp centre punch.

Corrosion is a noise producer in two ways. 1.—It makes for a defective connection; 2.—It is quite likely to eat through the insulation of battery cables and eventually produce a break in the wire. Such matters should be looked into carefully. So in the testing of battery equipment make certain of voltage and charge; see that tops are clean and dry; see that connections are tight and not corroded; remove corrosion if any by wiping with liquid ammonia; inspect wires for corrosion and open circuits; replace leads and clips that prove effective.

- 9.44: Soprano solos—Miss Letty de Clifford, (a) "Farewell to Summer" (Johnston); (b) "The Second Minuet."  
9.50: Flute solo—Mr. Chas. E. Gibbons, "Air Varied on Home, Sweet Home."  
10.0: Close down.

## Sunday, January 22nd

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

- 3 p.m.: Afternoon session—Selected Studio items.  
4.0: Literary selection by Mr. Culford Bell.  
4.30: Close down.  
6.0: Children's service, conducted by Uncle Leo.  
6.45: Close down.  
6.55: Relay of church service from Pitt Street Methodist Church. Preacher, Rev. L. Dalby. Musical director, Mr. W. Leather.  
8.30: Selected Studio items.  
9.30: A thought.  
9.32: Close down.

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

- 6 p.m.: Children's song service, conducted by Uncle Ernest.  
6.55: Relay of evening service from Church of Christ, Vivian Street, Wellington. Preacher, Pastor W. G. Carpenter. Choirmaster, Mr. Will J. Mason.  
8.30 (approx.): Studio concert.  
Quartet—Etude Quartet, "The Heavens Proclaim Him" (Beethoven).  
Soprano solo—Miss Gretta Stark, "How Beautiful Are the Feet" (Handel).  
Quartet—Symons-Ellwood String Quartet, "First Movement, F Major Quartet" (Dvorak).  
Tenor and vocal quartet—Mr. Frank Skinner and Etude Quartet, "Seek Ye the Lord" (Roberts).  
Contralto solo—Miss Rita Arnold, "He Wipes the Tear" (Lee).  
Instrumental quartet—Symons-Ellwood String Quartet, "Canzonetta" (Mendelssohn).  
Baritone solo—Mr. Ray Kemp, "Lead, Kindly Light" (Evans).  
Instrumental Quartet—Symons-Ellwood String Quartet, "Valse Triste" (Sibelius).  
Quartet—Etude Quartet, "The Day is Gently Sinking to a Close" (Smart).

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

- 5.45 p.m.: Children's song service from 3YA Studio, by Uncle Sam, assisted by choir of the New Brighton Presbyterian Sunday School.  
7.15: Relay of evening service from Addington Show Grounds—South Island Conference, Seventh Day Adventists. Speakers: Mr. A. G. Stewart (of Sydney), vice-president of their Island Fields; Ratu Sailosi, Fijian Chief. Subject: "The Triumph of the Gospel in Cannibal Islands." Conductor, Mr. Llewellyn Jones. Organist, Mr. Phil Kilroy.

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

- 5.45 p.m.: Children's song service, conducted by Big Brother Bill, assisted by Choristers from St. Paul's Cathedral.  
7.0: Relay of evening service from the Methodist Central Mission. Preacher, Rev. W. H. Hocking.  
8.10: Relay from St. Kilda (weather permitting) of concert by the St. Kilda Band. Conductor, Mr. James Dixon.  
2.10: Close down.

### CHURCH SERVICES

#### MEANS OF ASSISTANCE.

In the issue of October 7 last, Mr. B. T. Watkinson, of 205 Lichfield Street, Christchurch, wrote in appreciation of the broadcasting of religious services, dealing particularly with the point of the possible effect of such broadcasting interfering with church funds. As some protection from such an outcome, Mr. Watkinson advised that he had instituted the practice in his own home, where church services were particularly appreciated, of maintaining a collection box inscribed "Church services and voluntary contributions for helping the church to broadcast." The practice was made of passing this box round each Sunday at the same time that the church collections were taken up, so that all those members of the household and friends who were enjoying the broadcast service might contribute.

In his letter of October 7 Mr. Watkinson invited correspondence from others interested in the subject, and now advises that since that time he has received a large number of letters from sympathisers, and has decided to institute a fund so that those who are desirous of helping in this way may do so. Mr. Watkinson has sought and secured the consent of the Mayor of Christchurch, the Rev. J. K. Archer, to act as treasurer of the fund referred to, it being understood that Mr. Watkinson will relieve the Mayor of all possible detail work.

We have every confidence in assuring the bona-fides of Mr. Watkinson, and the fact that the Mayor of Christchurch is associating himself with the fund assures contributors that the expenditure will be wisely and carefully allocated.

The position, therefore, is that those of our readers and listeners in general who have felt the benefit from the broadcast of church services, and desire to give as well as receive, may make contributions direct to Mr. Watkinson at the address given—206 Lichfield Street, Christchurch—in the full assurance that those contributions will be usefully employed.

#### French Radio Conference.

At the fourth annual Radio Conference held in Paris it was stated that broadcasting in France is in a most unsatisfactory position, largely on account of the reluctance of the French Post Office to allow private enterprise to undertake the formation of a station.

Tuning condensers are more efficient when separately controlled, provided the operator knows how to use them. Some of the better sets have the condensers mounted so that a single knob turns them all, but with individual controls for fine adjustment.

### MICROPHONE FRIGHT

#### STRANGE EXPERIENCES.

It is surprising that people who have spent a lifetime on the stage should suffer with "nerves" when they face the microphone. In fact it is the experience of broadcasters that many prominent artists are utter disappointments for broadcasting, and simply because they get "mike fright."

Reupert Hazell, who made such a remarkable "hit" at 3LO Melbourne, said that when he faced the little "black perforated contraption" he wanted to say "everybody happy," as he always did, but felt so horribly unhappy himself that he could not get the words out. However he made up for it as he gained his "air legs," and wound up by being perhaps the greatest radio comedian 3LO has ever had.

Madam Elsa Stralia, who has sung over and over again to Royalty of all nations, showed decided signs of "nerves" in facing the mike, even after she had been broadcasting for months, and Stephanie Deste, who, in a semi-nude make up as "Wanda" in "Rose Marie" faced huge audiences nightly without a sign of nerves, became "mike stricken" until the ordeal of speaking into the little "patch of black infinity" had become familiar.

The late Lee White, who was loved by hundreds of thousands of listeners to 3LO for her charming personality, was strangely nervous when broadcasting and never really got used to what she always regarded as an ordeal, although it was impossible to detect the slightest sign of nervousness in listening to her remarkable performances.

One speaker at 3LO Melbourne, who was a prominent orator became absolutely tongue tied before the mike, and his talk had to be abandoned, and Mr. Lawson, when Premier of Victoria, experienced a spasm of nervousness the first time he broadcast. The Prime Minister (Mr. Bruce), however, is very placid and calm with "mike," and they are now quite old friends. Mr. Bruce, by the way, is regarded as the best political broadcaster in Australia.

### CORRECTION

In last week's issue, there appeared a summary of a wireless talk on Balloon and Pigeon Posts given by Mr. W. Peers, of the Christchurch Philatelic Society from 3YA on January 6. Through an oversight, this was wrongly credited to Mr. L. Vernazoni instead of Mr. Peers. Mr. Vernazoni's talk will be given on January 19, and will be entitled "Stamps Worth Fortunes."

If a crystal decreases in sensitivity it is often found that it can be restored by clipping a small piece off it and thus exposing a new surface. Never touch a crystal with the bare fingers. Hold it with a pair of clean tweezers or small pliers.