

Cook Strait Swim

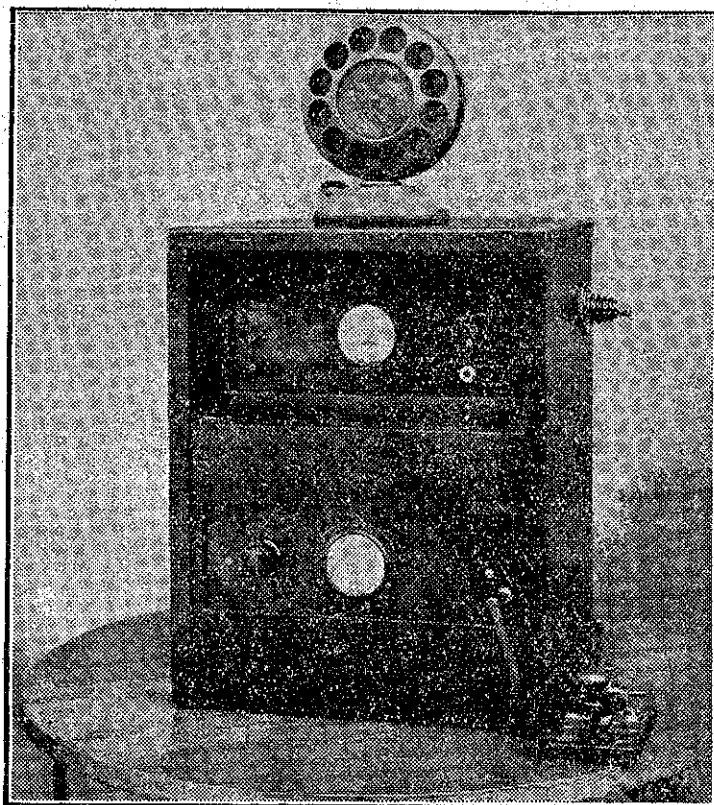
Transmitter Tested

SUCCESSFUL tests were carried out last week with the short-wave radio telephone transmitter which will be used in conjunction with the attempt of Miss Mercedes Gleitze to swim Cook Strait next month. The set has been constructed by two Wellington radio engineers, Messrs. W. S. Green and H. C. Dixon, whose call signals are ZL2 GR and ZL2BO respectively.

Reports of clear reception were received from various listeners in the surrounding districts. The test was considered satisfactory, as the transmitting aerial was a very short one not far from the ground, and well wedged in among city buildings.

The transmitter, a photograph of which appears on this page, is 18 inches high, 14½ inches wide and 12 inches deep, which makes a very compact assembly. The dependable range of this transmitter, using a wavelength of approximately 80 metres, is 500 miles. The power, 30 watts input, is supplied by heavy-duty dry batteries of 400 volts.

The microphone feeds into a ½-watt speech amplifier. The speech amplifier feeds into a 14-watt modulator which modulates a 10-watt oscillator. Radio telegraphy can be used if desired by the plugging of a key into the circuit, and the transmitter is set into operation by the pressing of one multiple switch which controls all circuits.



A photograph of the short-wave transmitter to be carried on the launch which will escort Miss Mercedes Gleitze on her long swim across Cook Strait early next month. This will be the first time radio telephony has been used on such an occasion.

Children's Sessions

FROM 2YA.

Monday, January 26.—To-night's programme is being provided for Radioland by Cousins Mona and Eric, who have arranged to take all to Fairyland in their motor-car. They have promised to take Uncle Toby with them.

Tuesday.—Jumbo and his little friends are to act in a playlet which Jumbo has written. There will also be "Foxes" and "Butterflies."

Thursday.—Uncle George and Big Brother Jack will be the Uncles for to-night, and, Mrs. Mildred Kenny, with her small pupils playing steel guitars, ukuleles, and mandolins, will give items.

Friday.—Uncle Jim to-night, also Story Book Lady and Story Book Man, with Nada and her violin, and Jill on the vibraphone.

Saturday.—To-night we are to have "The Ever-Ever Land," with children singing choruses for "Boy Blue," "Little Bo-Peep," and "Jack and Jill," and Spot.

Sunday.—The Children's Choir from St. Giles's Church, Lyall Bay, under the leadership of Mr. Crawford, will sing to-night, and the service will be conducted by Uncle George.

KNOW the time all over the world with a

DX Clock.

Printed on Heavy White Paper.

Posted in Cardboard Tube
Box 1032, Wellington.

Select Your Radio BY TEST not by Hearsay

Buy your Radio Set or Parts *on your own judgment*. Let your eyes and ears judge the finest appearance and the best tone in sets... you experience in actual practice the most suitable parts. Buy this way, and you will find yourself purchasing Silver-Marshall products time and time again. Silver-Marshall make no extravagant claims—they build the best they know how... and that's why their lines *are* the best—by *test*.

SILVER-MARSHALL

RADIO SETS AND RADIO PARTS

Complete S.-M. Receivers and
Cabinets

FACTORY IMPORTS, LTD.,

86 TORY STREET

::

WELLINGTON.

N.Z. Distributors

Short-wave Sets, Chassis and Parts

THOS. BALLINGER & CO.,
LTD.,

VICTORIA STREET

::

WELLINGTON.