

SHORT-WAVE SERVICE

The installation at Titahi Bay of the two high-frequency transmitters and the first set of aerial arrays was completed during the year, and temporary studio accommodation has been arranged in the city. The aerial arrays which were installed will direct transmissions in a north-westerly direction, and a second set to transmit in a north-easterly direction is planned, but progress is held up owing to difficulties in getting suitable steel masts. This second set will improve the service which can be given to the Island Territories in the Pacific.

Test programmes were radiated nightly for one week during November, and reception reports were obtained from many countries. Reports from Australia, India, Malaya, Japan, and the Pacific Islands were most gratifying and show that a useful service can be provided to these areas.

It is expected that the regular service will commence later this year.

STATIONS IN OPERATION

The following stations were in operation during the year :—

Station.	Location of Studio.	Location of Transmitter.	Frequency.	Power.
			Kilocycles/sec.	k.W.
1YA ..	Auckland ..	Henderson ..	650	10.0
1YX ..	Auckland ..	Auckland ..	880	0.15
1ZB* ..	Auckland ..	Henderson ..	1,070	1.0
1ZM ..	Auckland ..	Henderson ..	1,250	0.75
2YB† ..	New Plymouth ..	New Plymouth ..	810	0.1
2ZJ† ..	Gisborne ..	Gisborne ..	980	0.25
2ZM‡ ..	Gisborne ..	Gisborne ..	1,180	0.09
2YH ..	Napier ..	Opapa ..	750	5.0
2ZA* ..	Palmerston North..	Palmerston North..	1,400	0.25
2YA ..	Wellington ..	Titahi Bay ..	570	60.0
2YC ..	Wellington ..	Titahi Bay ..	840	5.0
2YD ..	Wellington ..	Wellington ..	990	0.5
2ZB* ..	Wellington ..	Wellington ..	1,130	1.0
2YN ..	Nelson ..	Nelson ..	920	0.03
3YA ..	Christchurch ..	Gebbies Pass ..	720	10.0
3YL ..	Christchurch ..	Christchurch ..	1,200	0.3
3ZB* ..	Christchurch ..	Christchurch ..	1,430	1.0
3ZR ..	Greymouth ..	Greymouth ..	940	0.1
4YA ..	Dunedin ..	Highcliff ..	790	10.0
4YO ..	Dunedin ..	Dunedin ..	1,140	0.15
4ZB* ..	Dunedin ..	Highcliff ..	1,310	1.0
4ZD‡ ..	Dunedin ..	Dunedin ..	1,010	0.06
4YZ ..	Invercargill ..	Dacre ..	680	5.0

* Commercial Division stations.

† Owned by New Zealand Broadcasting Service and operated under contract.

‡ Privately-owned, but subsidized by New Zealand Broadcasting Service.

HOURS OF TRANSMISSION

The aggregate programme transmission time of all stations, both National and Commercial, amounted during the year to 72,438 hours. Of the scheduled programme time, 20 hours were lost due to technical defects in equipment and 28 hours due to failures of the mains power-supply. This does not include time lost through shut-downs for the purpose of electricity-conservation.