

## GENERAL

Conditions during the war years created accounting difficulties which had to be surmounted by such means as were available, and there is now much to be done by way of development of the system of accounts to cope adequately with all requirements. Deficiencies in properly trained staff still represent a problem which becomes more pressing with general development of the Department. This has been met in some degree by the adoption of punched-card accounting-machines, and specially designed equipment from English sources, now on order, will enable mechanical aids to be applied extensively to present and future requirements. Accurate and speedy construction of the daily advertising schedules at Commercial stations and the compilation of data therefrom for inclusion in centralized books of account have presented problems since inception of the Service for which no fully satisfactory solution could be found. Despite the emergency conditions of the past years, the position has been under continuous study, and equipment has been devised and ordered which it is confidently believed will speed up the work and eliminate errors and consequent adjustments. With a view to taking full advantage of this improvement, proposals are now being examined for photographic reproduction of schedule data which would assure even greater speed and accuracy to be attained.

## ENGINEERING SECTION

Twenty-three stations were in regular operation during the year, and these are listed in the following table :—

Station.		Studio Location.				Transmitter Aerial Energy.	Frequency.
						kW.	Kilocycles/sec.
1YA	..	Auckland	..	..	..	10.00	650
1ZB*	..	"	..	..	..	1.00	1,070
1ZM	..	"	..	..	..	0.75	1,250
1YX	..	"	..	..	..	0.15	880
2ZJ†	..	Gisborne	..	..	..	0.25	980
2ZM†	..	"	..	..	..	0.09	1,180
2YH	..	Napier	..	..	..	5.00	750
2YB†	..	New Plymouth	..	..	..	0.10	810
2ZA*	..	Palmerston North	..	..	..	0.25	1,400
2YA	..	Wellington	..	..	..	60.00	570
2YC	..	"	..	..	..	5.00	840
2ZB*	..	"	..	..	..	1.00	1,130
2YD	..	"	..	..	..	0.50	990
2YN	..	Nelson	..	..	..	0.03	920
3ZR	..	Greymouth	..	..	..	0.10	940
3YA	..	Christchurch	..	..	..	10.00	720
3ZB*	..	"	..	..	..	1.00	1,430
3YL	..	"	..	..	..	0.30	1,200
4YA	..	Dunedin	..	..	..	10.00	790
4ZB*	..	"	..	..	..	1.00	1,310
4YO	..	"	..	..	..	0.15	1,140
4ZD†	..	"	..	..	..	0.06	1,010
4YZ	..	Invercargill	..	..	..	5.00	680

\* Transmitting Commercial Division programmes. † Owned by the New Zealand Broadcasting Service and operated under contract. ‡ Privately-owned stations subsidized by the New Zealand Broadcasting Service.

## HOURS OF TRANSMISSION

The aggregate programme transmission time of all stations, both National and Commercial, amounted during the year to 82,270 hours. Of the scheduled time, 18 hours were lost due to technical defects in equipment and 64 hours due to failures of the mains power-supply, making a total of only 82 hours.