

LIGHTHOUSES.

During the past year the various aids to navigation round the coast of New Zealand have been added to by the installation of additional lighthouses and by the provision of apparatus for bringing some of the older installations up to date.

A new automatic flashing light has been installed at the North Cape, and should be of great assistance to shipmasters, as it provides a definite turning-point to vessels navigating these northern waters.

At Manukau Heads the older type of light has been replaced by an up-to-date automatic flashing-apparatus.

The provision of a light between Cape Palliser and Castle Point to indicate the position of the Kahu Rocks has been urged by the Merchant Service Guild for some time past, and a lighthouse complete with a modern incandescent Dalen light has been built and is now in operation. This apparatus is operated automatically throughout, and only requires tending about twice a year.

The existing light at Cape Egmont is not now suited for this locality, being a fixed light pure and simple, so that the necessary apparatus to convert it into a powerful revolving light has been procured and will be installed very shortly.

At the entrance to Tory Channel a new automatic flashing light is being erected on the West Head and the existing oil-burning leading-beacons are being replaced by more modern acetylene outfits.

Among the principal works proposed for the coming year are the transfer from Pencarrow to Baring Head and the modernizing of the old high-level light as well as the existing fog-signal, the conversion to automatic flashing of Godley Head and Moeraki Lighthouses, and the installation of a fog-signal at Taiaroa Heads.

IRRIGATION AND WATER-SUPPLY.

During the past year steady progress has been made with construction works on the Arrow, Hawkdun, and Teviot extension schemes.

The erection of the pipe-line on the Arrow scheme is now well in hand, and it is hoped to supply the full area next season. The Hawkdun scheme is now completed, and a full service can be given. On the Teviot extension scheme work was completed, and portion of the area was supplied with water.

