

1911.

## NEW ZEALAND.

## MARINE DEPARTMENT:

ANNUAL REPORT FOR 1910-11.

*Presented to both Houses of the General Assembly by Command of His Excellency.*

MY LORD,—

Marine Department, Wellington, 20th July, 1911.

I do myself the honour to transmit herewith, for Your Excellency's information, the report of the Marine Department of the Dominion for the financial year ended the 31st March last.

I have, &amp;c.,

J. A. MILLAR.

His Excellency the Right Hon. Baron Islington, Governor of New Zealand.

SIR,—

Marine Department, Wellington, 25th May, 1911.

I have the honour to make the following report on the work of this Department during the year ended the 31st March last.

*Shipping and Seamen Amendment Act.*—The Shipping and Seamen Amendment Act, 1909, which was referred to in my last report, has been assented to by His Majesty on the understanding that a Bill will be introduced into Parliament next session to repeal section 41, to which the Imperial authorities take exception on the ground that the New Zealand law should not alter or nullify shipping contracts made outside the Dominion. Amongst other things, the Act provides that steamers plying exclusively on any lake or within river or extended river limits may be exempted from carrying a certificated master or engineer; that certificates granted to masters, mates, and engineers elsewhere in the British Dominions may be recognized in New Zealand; that no person shall engage or supply seamen unless he is the owner, master, mate, or engineer of a ship, or is a Superintendent of Mercantile Marine; that no seaman is to be allowed to sign an agreement to serve on a ship unless he understands the English language; that British foreign-going ships of not less than 1,000 tons gross tonnage going to sea from New Zealand are to carry certificated cooks; that ships of 300 tons register and upwards registered in New Zealand or engaged in the coasting trade are to be provided with sanitary, hospital, and lavatory accommodation for the crew; that the Minister may withhold for such period as he thinks fit the certificates of discharge of seamen who fail to join their ships after they have been lawfully engaged; that when the restricted limits of steamers are reduced, masters and engineers who have been plying within the limits before reduction may continue to ply in the same limits; that load-lines may be fixed for ships employed in carrying sand, shingle, gravel, cement, or other dead-weight cargo in river and extended river limits, and for home-trade vessels under 20 tons register carrying similar cargoes; that the Governor in Council may require New-Zealand-registered ships carrying passengers to be fitted with wireless-telegraph apparatus; that before the building of a ship of over 25 tons gross tonnage in New Zealand is commenced plans and specifications are to be submitted to and approved by the Minister of Marine; and that the Governor in Council may make regulations for the inspection of wool, flax, tow, skins, or other goods liable to spontaneous combustion before shipment on foreign-going ships.

During last session of Parliament an Act to further amend the Shipping and Seamen Act, 1908, was passed. This Act provides that seamen employed in ships plying or trading between New Zealand and the Commonwealth of Australia and the Cook Islands are to pay the current rate of wages for the time ruling in the Dominion; and that, in the case of ships plying or trading between New Zealand and the Commonwealth of Australia and the Cook Islands which are manned wholly or in part by Asiatics, passenger tickets and bills of lading and shipping documents for

cargo shipped in the Dominion are to be liable, in addition to any duty payable under the Stamp Act, to a stamp duty equal to 25 per cent. of the passage and freight money: but this provision as to additional stamp duty is not to apply in cases where the current rate of wages ruling in the Dominion is paid.

An Act was also passed last session to amend the Harbours Act, 1908. By this Act the constitution of Harbour Boards has been altered, and provision is made that the elective members are to be elected by the electors of districts, and by payers of harbour dues on ships, and by the payers of harbour dues other than dues on ships. The members appointed by the Governor have been reduced in the case of many of the Boards. Various other amendments which the working of the principal Act has shown to be necessary have been made. The necessary regulations for the election of members of Boards by payers of dues, owners of ships, and by the electors of combined districts were made by the Governor in Council before the elections which were held on the 26th ultimo, and the principal authorities for conducting the elections in the case of combined districts were appointed.

*Mercantile Marine Offices.*—The engagement and discharge of seamen and the other work performed by the Superintendents and Surveyors of Ships have been carried out efficiently. These duties are increasing, and in the case of Auckland it has become necessary to appoint another Surveyor of Ships, and at Wellington a cadet has had to be appointed to assist in the office. The work will be further increased by the coming into operation of the Shipping and Seamen Amendment Act, 1909. Captain Dykes, Examiner of Masters and Mates and Surveyor of Ships at Auckland, has been appointed an Inspector of Compasses.

A representation has been made to the Department that a steamship-owner is entering into agreements with his crews for a period of three months in order to reduce his liability in cases of illness of the men. There is no power to prevent this, as the law only provides a maximum time for which articles of agreement may run. Should the practice complained of continue, it may become necessary to amend the law to prevent seamen being deprived of the benefits conferred upon them by section 119 of the Shipping and Seamen Act, 1908.

A company belonging to Australia, whose steamers are registered in that Commonwealth, having disputed liability under section 75 of the Shipping and Seamen Act, 1908, to pay the New Zealand current rate of wages during the time its ships are running between ports in the Dominion in the course of their round trips between Australia and New Zealand, a special case was submitted to the Supreme Court, and removed into the Court of Appeal, which decided that such wages must be paid.

Appended is a return of the number of seamen engaged and discharged at the various ports, and of the fees received for engagements and discharges. The transactions exceeded those of the previous year by 5,705, and the fees by £399 5s. 6d.

Returns are also appended showing the accidents to seamen, the amounts paid to sick and disabled seamen under section 119 of the Shipping and Seamen Act, 1908, and the prosecutions of seamen by masters and others for various offences. In connection with the benefits conferred upon seamen by section 119 of the Act, it may be mentioned that the amending Act of 1909 increases these benefits as follows, viz.:—

- (1.) Where the engagement of a seaman expires within one month after the commencement of his illness he is to be entitled to the benefits of the section for a month after the expiry.
- (2.) Seamen of home-trade ships are to receive expenses of maintenance and medical attendance for the same period as they are entitled to wages.
- (3.) In the case of the death of a sick seaman arising out of illness or accident his burial expenses are to be paid by the owner.

Proceedings were taken by the Department against the following persons in connection with seamen: The master of the scow "Altair," for employing a seaman without entering into an agreement with him. A fine of £2 and costs was imposed. V. Richardson, a deserter from a ship, for making a false declaration for the purpose of enabling him to obtain a permit to ship as A.B. He was sentenced to a month's imprisonment. G. Hall, for a similar offence. He received similar punishment. The master of the s.s. "Durham," for taking a third officer to sea without entering into an agreement with him. He was convicted and ordered to pay costs.

*Masters, Mates, and Engineers.*—The examination of candidates for certificates of competency has been carried out in a very satisfactory manner: 346 candidates passed their examination and 141 failed. Of those who passed, 227 were masters, mates, and engineers of sea-going ships, 48 were masters and engineers of steamships plying within restricted limits, 8 were masters of fishing-boats and cargo-vessels up to 25 tons register, 28 were engineers of sea-going ships propelled by oil-engines, and 35 were engineers of similar vessels plying within restricted limits. Provision is made in the Shipping and Seamen Amendment Act, 1909, for the issue of certificates of service as master and engineer of oil-engine vessels up to 6 tons register to persons who served in such capacities for at least a year before the coming into operation of the Act, and a very large number of applications for these certificates have been received. The provision for these certificates was made because the Act requires the boats referred to to carry certificated master or engineer, whereas previously they were exempt.

The Board of Trade has made a regulation increasing the period of service required to qualify for examination for engineers' certificates from the 1st January, 1915, and a similar regulation will be made by this Department.

Captain Wilcox, Assistant Superintendent of Mercantile Marine and Surveyor of Ships at Lyttelton, has been appointed an Examiner to enable him to conduct the examinations during the absence of Captain Marciel on leave, and Mr. A. E. Macindoe, Surveyor of Ships, has been appointed an Examiner of Engineers.

Appended are the reports of the Principal Examiner of Masters and Mates and lists of certificates issued during the year.

*Registration of Shipping.*—Mr. R. R. Walter, a Customs officer at Nelson, has been appointed a Surveyor of Ships so that he may measure ships for registration. Returns are appended showing the vessels registered in New Zealand on the 31st December last, and the numbers of seamen and boys employed on them.

*Survey of Ships.*—During the year certificates have been issued for 289 steamers, 82 oil-engine vessels, and 17 intercolonial sailing-vessels. In future all oil-launches and all sailing-vessels over 5 tons register engaged in the coastal trade will have to be surveyed annually, as this is made compulsory by the Shipping and Seamen Amendment Act, 1909. These surveys will considerably increase the work of the Surveyors.

Arrangements have been made with the United States and Canada under which New Zealand recognizes passenger or survey certificates issued in those countries, and they recognize our certificates.

The following limits have been defined to be river and extended river limits for steamers:—

Nelson: River limits to be the waters of the harbour inside the Boulder Bank.

Lyttelton: Extended river limits for fishing-boats to be between Motunau Island and Akaroa.

The Life-saving Appliances Rules have been amended in regard to the equipments for collapsible and other boats and life-rafts; as to the mode of stowing boats on passenger and emigrant ships when they carry eight or more boats; providing that chocolate which forms part of the provisions for boats must contain not less than 45 per cent. of cocoa-mass, and not less than 35 per cent. of cane sugar—the other 20 per cent. can be arrowroot or other substance.

The brigantine "Eliza Firth" was found to be unseaworthy at Kaipara, and was detained until the necessary repairs were executed.

Prosecutions were instituted by the Department in the following cases: The master of the s.s. "Waikana," for carrying too many passengers. He was fined £1 and costs. The master of the oil-launch "Maheno," for carrying too many passengers. He was fined £1 and costs. T. F. Hartley, J. Hancy, and John Teihi, for carrying too many passengers in their licensed boats in Hokianga Harbour. They were each fined 1s. and costs. P. Blundell was fined 10s. and costs for a similar offence. The master of the scow "Hauturu," for going to sea without the life-belts required by the regulations. A fine of £5 and costs was imposed.

*Deck Cargo.*—The duty of issuing licenses for the carriage of deck cargo has, by the Shipping and Seamen Amendment Act, 1909, been transferred from Collectors of Customs to Superintendents of Mercantile Marine. In order to prevent vessels carrying more cargo on deck than allowed by their licenses, arrangements have been made for them to be inspected before sailing. The performance of this duty has necessitated the appointment of another Surveyor at Auckland, owing to the large number of vessels that have to be inspected at that port. The appointment has been conferred upon Captain C. M. Renaut. The regulations governing the carriage of deck cargo have been consolidated and amended so as to bring them up to date.

*Deceased Seamen's Estates.*—Moneys belonging to the estates of twenty-two seamen, amounting to £135 19s., have been received during the year, and the sum of £136 0s. 8d. has been paid to relatives and other claimants. The sum of £16 8s. 6d., which has remained unclaimed for over six years, has been paid into the Public Account.

*Wrecks and Casualties.*—Tables showing the casualties to ships and an analysis thereof are appended. Those on or near the coasts of the Dominion numbered 76, representing 29,063 tons register, as compared with 83, of 47,857 tons register, in the previous year. The total wrecks within the Dominion were 3, of 1,110 tons register, as compared with 11, of 4,517 tons register, in the previous year. The number of lives lost was 7, as compared with 18 in the previous year. Of the lives lost, 3 were from the "Jessie Niccol" wrecked at Macquarie Island, one from the "Glenshee," outside New Zealand, and one each from the s.s. "Warrimoo," s.s. "Rarawa," and s.s. "Maori." In the three cases last mentioned the persons who lost their lives were passengers who disappeared during the voyage. Appended is a wreck chart showing where the casualties occurred.

*Coastal Dangers.*—Captain Bollons, of the s.s. "Hinemoa," discovered and surveyed an uncharted rock three-quarters of a mile south-west of Parrot Island, Dusky Sound. He also surveyed a shoal near the entrance to Paterson's Inlet, a rocky patch off the Cheviot Coast, and a rock off Evening Island, Stewart Island. Notices to Mariners giving the result of these surveys were published, and the Hydrographer to the Admiralty was notified, in order that the dangers may be shown on the charts.

The Department has long been impressed with the necessity for having more soundings shown on the charts to the westward of the Three Kings and between those islands and Cape Maria van Diemen, to the west of the Solanders, and to the western approach of Foveaux Strait, but hitherto it has been impossible to arrange for them to be taken. Arrangements have now, however, been made for the Antarctic vessel "Terra Nova" to take the necessary soundings off the Three Kings and between there and Cape Maria van Diemen while she is in the Dominion during the winter and spring, and, should time allow, the vessel will also take soundings in the vicinity of the Solanders and between Cape Campbell and Motunau Island.

A communication was received from the Vice-Admiral in command of the Australian Station stating that the position of the Three Kings was wrongly charted, and that the position of the South Point, Great Island, as ascertained by sights from H.M.S. "Cambrian" was latitude  $34^{\circ} 11' 48''$  S., longitude  $172^{\circ} 7' 24''$  E., and the relative bearing from Cape Reinga of South Point, Great Island, N.  $60^{\circ}$  W. true 31 miles. The charted position is latitude  $34^{\circ} 9' 9''$  S., longitude  $172^{\circ} 8' 8''$  E., and the bearing from Cape Reinga N.  $58\frac{1}{2}^{\circ}$  W. 31.8 miles.

A further communication has been recently received from the Vice-Admiral stating that the "Cambrian" has taken further observations from on shore in order to check with greater accuracy the position of the islands, and that the result of these observations places the position of the depot on Great Island, the place of observation, as latitude  $34^{\circ} 9' 11''$  S., and longitude  $172^{\circ} 0' 1''$  E. This places Great Island about one mile and a quarter south and a third of a mile east of the present charted position.

The coastal buoys and beacons have been overhauled and painted, the work being done by the "Hinemoa" in the course of her periodical trips round the Dominion.

*Nautical Publications.*—The Nautical Almanac for 1911, which is prepared by Captain Blackburne, Nautical Adviser to the Department, was issued in November last, and, as in former years, it found a ready sale. Copies of the Azimuth Reduction Tables and Azimuth Chart books, published by the Department, were supplied to the "Terra Nova" before she sailed for the Antarctic with the exploring expedition.

Arrangements have been made for Messrs. J. Brown and Son, of Glasgow, publishers of the well-known Nautical Almanac, to be the sole agents in Great Britain for the sale of the Azimuth Tables issued by the Department.

Appended is a return of the Notices to Mariners regarding the Dominion which have been issued by the Department during the year. Besides these a great many notices concerning matters outside New Zealand are published for the information of mariners.

*Meteorological and Weather Office.*—Daily weather-forecasts are telegraphed to 102 places, and 10 places receive occasional forecasts of storms. Arrangements are also made for sending special warnings from time to time to persons requiring them for particular purposes, the recipients paying the cost of transmission. Rotorua has been added to the list of places receiving regular forecasts, and requests for such forecasts have been made by several other places, but owing to want of funds they could not be acceded to.

The Meteorological Office has collated all the rainfall returns available so far as is known from the earliest days until the end of 1909, and from the means obtained constructed approximate mean annual and monthly rainfall maps for the Dominion. These are now almost ready for the printer, as also are the collected returns for 1910, and a rainfall map for the same year. The monthly rainfall and climatological statistics are published regularly in the Government Gazette, and reports on weather and agriculture are supplied by arrangement to the Agricultural Department for publication in the *Agricultural Journal* each month. The annual statistics are published in connection with the Registrar-General's Department in the blue-book and in the Official Year-book.

During the past year there has been a slight extension of the work of the office in securing more rainfall stations. This is a very important matter on account of closer settlement and the advent of hydro-electric power schemes.

The visit of the British Antarctic Expedition impressed upon Australasian meteorologists the importance of meteorological observatories and the standardization of the instruments; inspection of all the chief stations and establishment of others were urged upon the Government. Sums of money were placed upon the supplementary estimates for these purposes, but the time between which the money was available and the end of the financial year, as well as the smallness of the staff, did not allow its proper expenditure, and these projects are still incomplete. Through stress of weather the Antarctic vessel "Terra Nova" was unable to establish a station at Campbell Island, for which instruments were provided, but the station at Chatham Islands has been reorganized under Mr. F. A. D. Cox since the death of Mr. A. Shand, who perished in a fire wherein some instruments and records of the office were also lost. Mr. Shand for many years had done most valuable work at the Chathams as a meteorological observer.

In the latter end of February Mr. D. C. Bates, Director of the Meteorological Office, inspected several of the chief stations and weather-reporting observatories around the South Island. His visit showed the need of new and reliable instruments at many stations—*e.g.*, at both Christchurch and Dunedin, where aneroid barometers were in use for weather-reporting purposes, and at several places the thermometers were quite unreliable. At Dunedin a new observatory as well as a new set of instruments are urgently required. The meteorological observatory has been in charge of Mr. H. Skey since 1870. It was established first in Dunedin, but the City Council resumed the land, and Mr. Skey had to remove the instruments to his own private residence at Woodhaugh. This action of the City Council was very detrimental, above all to their own interests. Meteorological observations are of great importance to the city, and in England are the especial care of the civic authorities.

The Auckland City Council have provided a suitable site in Albert Park, and the Government last year fenced it in and provided the instruments and observer. At Wellington the City Council proposes to lease at a small rental a site for an observatory on the Town Belt at the top of Constable Street. Though not central or well adapted for meteorological purposes, it is believed to be the best site available, and superior to the temporary observatory on Mount Cook, near the Alexandra Barracks. It is hoped that the new observatory will soon be equipped with a set of instruments by which automatic and continuous records may be taken of the chief meteorological elements—wind direction and force, rate and duration of rainfall, &c. The observatory will then be raised from a station of the second to one of the first order.

In the new year it is intended to renew the second-class station at Hokitika, &c., and to establish high-level stations at Mount Egmont and the Bealey.

In September, 1910, Mr. B. V. Pemberton, F.R.Met.Soc., was transferred from the Magnetic Observatory at Christchurch, where he had for several years attended to the meteorological observations, to the Meteorological Office. He has given much satisfaction as Assistant Meteorologist, both in general meteorological work and weather-forecast. Mr. W. W. Goudie, typist and statistical clerk, has attained rank as a permanent Civil servant through five years' service in the Government.

In the work of the Weather Bureau which is attached to the Meteorological Office a new code has been in constant use, and proved very beneficial. It will shortly be amended and extended. A code address of "Weather, Wellington," for all inward messages to the office has been adopted. Important concessions have been made by the Telegraph Department in Regulation 40: "Masters of vessels are permitted to forward messages at one uniform rate of 6d. for each message (including reply) to the Harbourmasters of the several ports, or to "Weather, Wellington," seeking information as to the state of the weather, &c., at the port to which they are bound, or from any port which may lie in their route. These telegrams must be concise, and should be filled in in accordance with the directions to be seen at the telegraph-offices. In no case will a larger number of words than twelve be allowed in the body of the message. At any station where the telegraphic report giving the state of the weather in different parts of the Dominion is exhibited, a person so desiring will be supplied with a copy daily, except Sunday, at a charge of £1 per annum." For purposes of expedition the weather-reporting stations have been divided into two sections, one for the North Island and another for the South. This with a slight curtailment in the number of the less important stations enables the Meteorological Office and the telegraph-offices to publish the weather report throughout the Dominion much earlier than was formerly the case. Every morning forty-five stations report the wind direction and forces, barometric pressure, temperature, weather, tide, &c. These reports, when edited, are transmitted and published in all the chief centres of the Dominion. On these reports are based the daily forecasts which are telegraphed to over a hundred stations every morning. Occasional warnings are also sent of storms affecting different parts, especially of the Mackenzie country. Special forecasts of storms, floods, &c., are also sometimes issued, and, by favour of the Secretary of the Post Office, are sent to every office in the parts affected. In the evening reports are received from twenty-three stations. These reports are supplied to the Press Association, and by it transmitted to the chief centres of the Dominion.

*Government Steamers.*—The "Hinemoa" has continued to carry out the work of attending to the lighthouses and the buoys and beacons in the harbours under the control of the Department, and has performed the work in a very satisfactory manner. Owing to the increasing work on the coast she has been relieved of the duty of visiting the Kermadecs and the southern islands to examine the provision depots and search for castaways, this work being now done by the training-ship "Amokura." In order that a more suitable vessel might be obtained it was decided to offer the "Hinemoa" for sale. This was done, but no suitable offers were received. Engine-room and boiler repairs have since been executed, and, considering her age, the vessel is now in good condition.

The "Futanekai" has carried out repairs to the telegraph-cables, having been employed on the Cook Strait cables from the 1st to the 22nd April, 1910, from the 1st to the 28th February, 1911, and on the East Cape cable from the 6th May to the 4th June. During the remainder of the year she had been laid up in Wellington Harbour.

During last winter the training-ship "Amokura" was moored in Wellington Harbour, and during that time the boys underwent the courses of training on board which are carried out whilst the vessel is in port, and also attended classes at the Technical School. The subjects in which they were instructed at the school were specially selected as being of value to them in their seafaring careers. The vessel made her first cruise of the summer in Cook Strait to enable the boys to become accustomed to the sea, and during this cruise she visited Queen Charlotte Sound and Kapiti Island. Shortly after her return from this trip she made a voyage to the Southern Islands to examine the depots for castaways which are maintained on the Snares, Auckland, Campbell, Antipodes, and Bounty Islands. On her way south she called at Akaroa, Timaru, Otago Harbour, the Bluff, and Stewart Island, and on her way back she visited Otago Harbour, the Bluff, Preservation Inlet, and Dusky, Milford, and Queen Charlotte Sounds.

After the midsummer holidays she proceeded to Auckland, and from there to the Kermadec Islands to examine the depots for castaways, returning to Wellington *via* Auckland, Tutukaka, and Great Barrier Island. Whilst the ship was at Auckland an outbreak of scarlatina occurred amongst the boys, which necessitated the ship being taken to Motuihi Island and the crew being landed so that she might be fumigated. This occupied a month, and made it too late in the season to make another trip to the southern islands before winter. Six boys were affected by the illness, and they were sent to the Auckland Hospital, as, the ship being small and having no medical officer, the outbreak could not be coped with otherwise.

The commander reports that the boys have conducted themselves well during the year, and have proved that they are capable of becoming good seamen. All the steering of the ship has been done by the boys since her first cruise as a training-ship. The smallness of the ship is a drawback. Attached is a return showing the boys who have passed through the ship and those still on board.

*Lighthouses.*—Votes were taken last session for the erection of two new lighthouses on the east coast of the North Island, and it has been decided to erect one at Castlepoint and the other

on the Chickens. A very suitable site, at a height of 104 ft. above sea-level, has been selected at Castlepoint, the necessary lantern and apparatus have been ordered from England, and the work of erecting the buildings required will shortly be put in hand. The light will be a second-order group flash light, flashing every forty-five seconds with eight seconds darkness between each flash, and will be visible for a distance of twenty-one miles, or as far as Uriti Point on the south and to within about ten miles of Cape Turnagain on the north. It is proposed to have a signal-station at this lighthouse, and provision is therefore being made for three keepers, so that one man may always be on watch for vessels during the daytime. Many shipmasters were of opinion that the light should be erected at Flat Point, but it was found on making a careful examination of the place that it was not suitable, as the ground is too low, and there are outlying dangers at the back of which the light would have had to be placed.

A suitable site for a light has been selected on the Chickens at a height of about 400 ft., and it is proposed to erect an automatic acetone acetylene light—that is, a light which will not require keepers to look after it. The gas-supplies will be replenished by the "Hinemoa" when making her periodical visits to lighthouses in the north. The light will be visible all round the horizon, except where obscured to the westward by the Chicken Island, over an arc of 33°, and it will also be invisible south of the Hen over an arc of 27°, but will be visible from well inside Cape Rodney right round by north-east to well southward of Whangarei Heads, and should prove to be a good coasting light for vessels trading up and down the coast.

The necessary apparatus for eight incandescent lights has been procured from England; one of them has been installed at Cape Campbell, and the others will be installed at East Cape, Portland Island, Cape Palliser, Cape Egmont, Akaroa Head, Cape Saunders, and Waipapapa Point. I recommend that provision be made in this year's estimates for some more of these lights, as they give a much better light than the ordinary oil-light on a smaller consumption of oil. They also burn the ordinary kerosene, which is a cheaper oil than paraffin-oil, which is used in the ordinary oil-lights.

Captain Bollons, of the s.s. "Hinemoa," has continued to inspect the lighthouses when the vessel made her periodical visits, and I have paid visits of inspection to Cuvier Island, Bean Rock, Ponui Passage, Tiritiri, Mokohinou, Cape Brett, Manukau Head, Cape Egmont, Pencarrow Head, Godley Head, Akaroa Head, Moeraki, Taiaroa Head, Cape Saunders, Nugget Point, Waipapapa Point, Dog Island, Centre Island, Puysegur Point, Cape Foulwind, Kalurangi Point, Farewell Spit, and the Brothers.

Fresh contracts have been let for carrying the mail to and from Farewell Spit and Mokohinou Lighthouses.

The following works have been executed at lighthouses:—

Cape Maria van Diemen: The landing-block has been repaired, a new wire tramway and hauling-wire have been placed across from the mainland to the island, and new rings and rollers have been put in the machine.

Mokohinou: New wash-houses have been erected.

Cuvier Island: Screens have been erected at the fog-signal, and repairs done to the light-apparatus.

East Cape: Repairs have been executed to the tramway.

Pencarrow Head: The reserve has been cleared of scrub.

Cape Egmont: Wash-houses have been erected and fence renewed.

Cape Campbell: Incandescent light has been installed.

Godley Head: Portion of the track to fog-signal has been timbered over.

Nugget Point. New ventilation-cowl has been fitted, oil-store repaired, and new road made up to houses of two keepers. This road, which was a heavy piece of work, was made by the keepers themselves, and reflects great credit on them.

Two principal keepers died during the year, one principal keeper retired on superannuation, four assistant keepers resigned, and the appointment of one probationary keeper was not confirmed. Three assistant keepers were promoted to the position of principal, and eight new assistant keepers were appointed.

The amount of light dues collected was £36,749 3s. 9d., as compared with £34,393 16s. 5d. during the previous year.

*Fog-signals.*—The explosive fog-signals at Pencarrow Head, Godley Head, Taiaroa Head, and Cuvier Island have been maintained in good condition, and have been of considerable value to ships during fogs. A similar signal has been erected at Patiti Point, Timaru. This has been provided and erected by the Department, but it will be maintained by the Timaru Harbour Board. It is proposed to procure a fog-signal for Cape Brett.

*Harbours.*—The s.s. "Hinemoa" has carried out the work of overhauling, cleaning, and painting the buoys and beacons in the harbours under the control of the Department. The erection of beacons at the entrance to Whangaparapara Harbour has been completed, and a light has been placed on one of them, which is of considerable value to ships visiting the port, where there is a large timber trade. Arrangements have been made with a person who lives near the light to attend to it for a small payment.

Owing to the shoaling of the 5-fathom channel of the Wairoa River, Kaipara, the buoys have been removed from it, and the inside channel has been buoyed so that it may be used by vessels.

The beach at the Blowhole, Manukau Harbour, which was composed of sand, disappeared on the 10th May last, and the harbour launch, which was anchored off the beach, sank, but was afterwards raised. The beach is now making up again. At the same time very heavy rain did considerable damage to the road between the landing and the top of the hill. Telephonic communication has been established between the Harbourmaster's office at Onehunga and the signal-station at the Heads.

Floating logs broke off the beacon in the Tairua River. It has since been re-erected.

An additional room has been built on to the Harbourmaster's house at Okarito, and a tender has been accepted for the erection of a boatman's house at Hokianga.

The Harbourmaster's house at Karamea has had to be moved to a new site owing to the encroachment of the river, and 3 acres of land for a site have been taken under the Public Works and Harbours Acts.

A half-yearly port charge of  $\frac{1}{2}$ d. a ton on vessels over 20 tons register has been fixed at Picton.

The removal of sunken logs from Kaipara Harbour has improved the navigation of the harbour considerably. There is a large number of such logs in Hokianga Harbour which require removal, and tenders for doing this were invited during the year. No suitable tenders were, however, received, and consequently all were declined. The Harbourmaster has been instructed to make a careful estimate of the number that should be removed, with the view of inviting fresh tenders. The owners of the logs which can be identified will be required to pay the cost of removal, and those without marks which are marketable will be sold and the remainder will be burnt.

In order to improve the navigation of Tory Channel and Queen Charlotte Sound at night the Wigham light, which was formerly on the beacon at Jackson's Head, has been erected on Dieffenbach Point at the junction of the Channel and the Sound, but it has not proved satisfactory, as it has gone out on several occasions. It has therefore been decided to install an acetone acetylene light in its place, and arrangements are now being made to do this.

For some time past there has been a good deal of trouble in connection with persons taking stone, shingle, and sand from the foreshores owing to the damage which the removal caused to the adjacent land. In order that the matter might be regulated, provision was made in the Harbours Amendment Act, 1910, that every person shall be liable to a fine not exceeding £20 who removes such material without the authority of the Minister of Marine in the case of foreshore vested in the Crown, or of a Harbour Board or local authority in the case of foreshore vested in the Board or authority. A large number of applications for the necessary authority have been received from persons to take shingle and sand from places in the Hauraki Gulf, and these are now being dealt with. In cases where permission is granted a royalty at such a rate as may be deemed reasonable will be charged.

An Act having been passed to merge the Otago Dock Trust into the Otago Harbour Board, the necessary Order in Council providing for the merging to take place on the 21st May, 1910, was issued.

A by-law which was made by the Auckland Harbour Board in regard to ferry-boats was disallowed by the Governor, as it provided for matters which are dealt with by this Department under the Shipping and Seamen Act, and therefore affected certificates issued by the Department.

Prosecutions were instituted by the Department in connection with harbours as follows, viz.: Five boatmen at Tauranga, for obstructing vessels' berths at the wharf and refusing to move when ordered by the Harbourmaster to do so: a fine of 10s. and costs was imposed on each person. For keeping a launch moored at the Collingwood wharf after being ordered by the Harbourmaster to remove it: the case was dismissed on the ground that proper notice of removal had not been given. Against the Auckland Harbour Board, for constructing harbour-works without first getting the plans approved by the Governor in Council: a fine of £5 and costs was imposed.

The sum of £1,860 has been collected for pilotage and port charges at ports under the control of this Department, as compared with £1,262 13s. 5d. during the previous year.

A return of harbour-works approved by the Governor in Council, and of the licenses issued for the occupation of foreshore as sites for wharves and other works, is appended.

*Fisheries.*—The oyster-beds in the north were kept closed during last season, as there were not sufficient marketable oysters on them to justify picking. Those in the Hauraki Gulf and the Bay of Islands have, however, been opened this season, and it is estimated that between four and five thousand sacks will be available. There is a ready sale for them at 12s. 6d. a sack. Last year the Department planted oysters on some of the beds in the Hauraki Gulf which became depleted when the beds were open for picking by licensed pickers before the Department took over the picking, and it would be advisable to continue the planting so as to increase the supply, as all the indications are that the supply will have to be increased if the demand for oysters is to be met. The leases of oyster-beds in Manukau Harbour which were granted to Messrs. T. Sharp and G. J. Sim have been cancelled for non-payment of rent.

The following is the report of Mr. L. F. Ayson, Chief Inspector of Fisheries, on the industry during the year:—

“In the Wellington District there has been a shortage of fish, and on the whole the market has not been fully supplied throughout the year. This condition has been principally due to the short supplies obtained from the Hawke's Bay trawling-grounds. The catches from these grounds have been exceptionally poor, and while this was no doubt partly due to the 'slime' which made its appearance in the bay in the beginning of November, yet it has to be admitted that during the last few years the supply of fish has been decreasing, and it comes to be a question whether these grounds are not getting worked out by the continual trawling which has been practised there for so many years. The supply of flatfish from the local fishing-grounds has been so poor that a number of the retail dealers have had to get supplies from the Thames. The fish are chilled before packing, and then packed in ice, and, excepting in very hot weather, they arrive

at Wellington in good condition. The run of warehou has been very good this season, and some very large hauls have been made by the local fishermen. During the year two firms have established fishing-stations at the Chatham Islands, where they have erected freezing-works. Several shipments of fish, principally blue-cod, have been brought to Wellington, where part of it was sold to some of the retail fish-dealers and the balance was shipped to Sydney, where there is a large demand for blue-cod. The fish brought up was in splendid condition, and was well cleaned and nicely packed.

"In Canterbury the supply of fish for the current year compares favourably with that of previous years. There are now four trawlers working from Lyttelton, and this has had the effect of ensuring a more regular supply as well as a better variety of fish. The hapuka fishing-grounds off Timaru continue to yield a large supply of these fish. With better transport facilities to the Dunedin, Christchurch, and Wellington markets there is no doubt that a very large and regular supply would be obtained from these grounds.

"In the Otago District the information to hand is to the effect that except in the winter months the supply of fish has been equal to the market requirements. There has been no exceptional increase or decrease in the quantity of any of the market fishes, and there has been no material change in the number of vessels and men employed in the industry.

"At Invercargill and Bluff, hapuka, moki, and trevalli are reported as being plentiful during the year. The demand for blue-cod has been in excess of the supply. The more accessible fishing-grounds are not now yielding anything like the supply they did formerly, and fishermen have to go much greater distances from shore, and they are thus more liable to loss of time owing to bad weather when on the grounds, and also much longer in getting their fish to market. The Customs officer at the Bluff reports an increase in the export trade for oysters. In the early part of the season large quantities sent to Christchurch, Wellington, and Melbourne arrived at their destinations in bad condition and had to be destroyed. This was due to the warm weather and to the oysters not having made up condition after spawning. Complaints with regard to the watery and poor condition of oysters in the early part of the season have come under my notice on previous occasions, and I think it is advisable that the season should open on the 1st March instead of the 1st February, and be extended to the middle or end of October. If this is done one of the hottest months of the year would be excluded from the open season, and the oysters would have a month longer to recover after spawning.

"In the Auckland District the Inspectors report fish as being plentiful and the market fully supplied during the year. The supply of mullet is reported to be improving each year, and Inspector Bennett is of the opinion that this is due in the Hauraki Gulf to the close season for these fish which is now in force there. It is pleasing to note that in the Thames and Auckland districts flounders have been plentiful during the year, and besides supplying the local markets large quantities have been sent to Wellington and towns on the West Coast. Last season it was considered advisable to give the oyster-beds in the Auckland District and Bay of Islands a rest for a season, and they were therefore kept closed. This was necessary because of the comparatively small area fit to pick when the Department took over the picking in 1908; the beds depleted by licensed pickers previous to that had not recovered sufficiently to be picked. The beds in the Hauraki Gulf, Great Barrier, Bay of Islands, and Kaipara are now well stocked with young oysters, and in a year or two this large extent of beds will be in condition to be picked, and should supply sufficient oysters for market requirements. There is a very large and increasing demand for rock-oysters, and to meet this it is necessary that the beds should be very strictly protected; and I would also recommend replanting depleted areas, and planting new beds wherever the foreshore is suitable on an extensive scale, either by the Department or by leasing the foreshore for oyster-cultivation to private persons, as is done in New South Wales.

"During the year there has been considerable development in the whaling industry. Messrs. Jagger and Cook have brought out a modern whaling-steamer, and although it was late in the season before all the fittings arrived yet they were able to get more whales at Whanganumu than in any previous season. This firm has now extended their operations to the Campbell Islands, where they have established a station for right-whaling. Heberley and party, who have been right-whaling at the Campbell Islands for the last two seasons, are reported to have had a very successful season.

"A phenomenal run of whitebait occurred in the Hokitika River last season. The two canning-factories were unable to take the supplies that were brought in. The fishermen state that it is the best season they have known in fifteen years. A fair run is reported from other rivers, both in the South and North Islands. In the Canterbury Rivers, owing to snow-water coming down, the fish were rather scarce in the early part of the season, but later on good catches were made, and the fishermen were well satisfied with their season's catches.

"With regard to the development of the fishing industry and providing a more plentiful and regular supply of fish for the people of this country, I am convinced that better marketing and transport facilities by rail to the different markets and to the inland towns would result in a very large increase in the quantity of fish sent from the various fishing-grounds. Reports from the Inspectors of Fisheries show that there is a great deal of dissatisfaction in connection with forwarding fish by rail at present, and I would ask that the matter be brought before the Railway Department with a view to try and meet the requirements of the fish trade.

The establishment of public fish-markets in the principal towns would no doubt help the industry, and also be the means of enabling the public to get a better and cheaper supply of fish. The matter was brought under the notice of the municipalities at Auckland, Wellington, Christchurch, and Dunedin by the Department in October, 1908, but so far no markets have been established. Improved means of transporting fish by railway are also much required.



Amendments of the Fishery Regulations have been made to prevent the use of hurdles to divert the course of whitebait when going up rivers; to permit the use of hand whitebait-nets with an opening of 9 square feet, and to allow them to be made of any shape; to allow trawling at the entrance to Kaipara Harbour up to a line drawn from the flagstaff at Pouto to the South Head; as to netting in the New River Estuary; to enable trout taken, smoked, and branded by the Tourist Department to be sold in the Dominion; and for defining the manner in which the tonnage of fishing-boats is to be ascertained.

The Natives along the East Coast between Tokomaru Bay and Hicks Bay complained that trawlers were working on their fishing-grounds, and asked that this should be prohibited; but the request was not acceded to, as inquiry showed that there was very little, if any, interference with their grounds.

Sergeants J. C. S. Willis, of Palmerston North, and J. Dougan, of Port Chalmers, and Constables C. S. Le Fevre, of Port Ahuriri, E. Driscoll, of Helensville, J. Horan, of Whangarei, W. Berry, of Thames, W. Richardson, of Lyttelton, and H. Scott, of Chatham Islands, have been appointed Inspectors of Fisheries.

*Seals.*—The close season for seals has been extended until the 30th June, 1912.

Returns showing the number of registered fishing-boats at the various ports, and the prosecutions for breaches of the Fisheries Act during the year, are appended.

*Portobello Marine Fish-hatchery.*—A report by the curator on this hatchery is attached. During the year the Department made a grant of £330 for maintenance, £50 for rent, repairs, and stores, and £250 for enlarging the ponds.

*Salmon.*—During the year another million Atlantic-salmon ova were ordered from Great Britain, and arrangements were made by the High Commissioner to obtain them from the River Wye; but, owing to floods, only 400,000 could be got from that river, and 600,000 had to be obtained from Germany. They came out in the s.s. "Ruahine," in charge of Mr. C. L. Ayson, manager of the salmon-station at Hakataramea, who went to England for the purpose. A special cool-chamber was provided on the vessel, which proved very satisfactory. The chamber was kept at a temperature of 34°, while an average temperature of 33° inside the cases was maintained during the voyage. The loss on the German (Rhine) ova from the time they were received until they reached Wellington was 41,334, and on the English ova 11,982. This result must be considered very satisfactory, especially when it is borne in mind that some of the ova had been in the packing-trays for eighty-three days. The loss with the Rhine ova would have been much smaller had not three trays been completely lost owing to the ova being too far developed when packed.

On the "Ruahine's" arrival at Wellington Mr. Ayson, Chief Inspector of Fisheries, took the ova to Lake Te Anau for hatching-out there. As the Rhine ova were nearest hatching they were unpacked first, and were found to be in very good condition: 4,250 were found to be dead, and 5,250 dead ones were picked out of the hatching-baskets later on. The packing of these Rhine ova was very rough, and Mr. Ayson considers it is wonderful that they reached New Zealand with such a small percentage of loss. The English ova unpacked in perfect condition. In the unpacking and first picking-over next morning only 475 dead ones were taken out. They were very nicely packed, and the material used was the very best that could be obtained. All the young fish have been liberated in the lake.

The collection of quinnat-salmon ova last season was not so satisfactory as in the previous season, which was principally owing to the low state of the spawning-rivers which flow into the Waitaki, caused by a very dry summer; however, 210,000 were obtained, and of this number 150,000 were sent to the hatchery at Kokotahi, Westland: 145,000 fry hatched from these 150,000 ova, and they were liberated in streams flowing into the Hokitika River, 70,000 being put into Harris Creek, 50,000 into Murray's Creek, and 25,000 into Duck Creek. Of the remainder of the ova, 25,000 were sent to Tasmania, where an attempt is being made to acclimatize the fish, the fry from 3,000 were liberated in the Seaforth-Mackenzie River, and the fry from 32,000 were reared at the station at Hakataramea for liberation in the river there. During the collection of the ova Chief Inspector Ayson, who was in charge of the collection, received valuable assistance from Mr. James Sutherland, manager of Benmore Station, who supplied him with a horse and personally assisted him in making an inspection of the Ohau River, and supplied all the willow-stakes required free of cost, and carted them, with Mr. Ayson's tools, across the Ohau River, a distance of twelve miles. Mr. Preston, owner of Halden Station, and Mr. Grant, of Gray's Hill Station, also gave Mr. Ayson valuable assistance during the two seasons he was collecting ova by allowing him to camp in the shepherd's huts, to take firewood, and to use tools, &c. The thanks of the Department are due to these gentlemen.

It is anticipated that a large number of ova will be obtained this season, most of which will go to the Kokotahi Hatchery. A further 25,000 will be sent to Tasmania, as the Government of that State has asked the Department to supply that number each year until the order is countermanded.

Last season two of the fish which were taken in the Twizel River, a tributary of the Ohau, were sent to Mr. E. R. Waite, Curator of the Canterbury Museum, for the purpose of identification, and in his report he states that they are quinnat salmon (*Oncorhynchus tshawytscha*), and that they were in full breeding condition, but, owing doubtless to the circumstance that our rivers are so much shorter, they did not exhibit that emaciated condition so characteristic of the same species breeding in the rivers of Pacific North America.

During the year the following fish were liberated from the Hakataramea ponds: Quinnat salmon—126 three years old, 821 two years old, 23,854 one year old, and 22,700 fry from the season's ova; Atlantic salmon—10,274 one and half years old. After the liberation of those mentioned above, 8,550 quinnat and 550 Atlantic fish remained in the ponds.

*Trout*.—Last season the Department collected 945,000 brown-trout ova for acclimatization societies that asked for them, and supplied them at a charge of 5s. a thousand. It also collected and supplied 35,000 of the same ova to the Transvaal Government. Arrangements are being made to collect ova during the coming season on the same terms. Last year 100,000 rainbow-trout ova were supplied to the Queensland Government. These were collected by the Tourist Division of the Department of Agriculture, and packed and shipped by this Department.

The Hon. the Minister of Marine, Wellington.

I have, &c.,

GEORGE ALLPORT, Secretary.

The PRINCIPAL EXAMINER OF MASTERS AND MATES to the SECRETARY, Marine Department.

Office of the Principal Examiner of Masters and Mates,  
Customhouse, Wellington, 10th May, 1911

SIR,—

I have the honour to submit my annual report on the examination of masters and mates in New Zealand.

The work, as usual, has been carried out by the Examiners at the four principal ports in a satisfactory manner. I visited the Auckland and Lyttelton examination-rooms during the year, and found everything in very satisfactory order.

Notwithstanding the marked decrease in the number of candidates for foreign-going and home-trade certificates reported last year, due to the increased requirements of candidates in having to possess a knowledge of first aid to the injured, and some knowledge of the Morse and semaphore signalling, the increase in the last twelve months has been comparatively small—viz., only 26 per cent.; and this increase is due almost entirely to examinations in Auckland, where during the last few years the majority of the examinations have been held. The number of examinations for river-steamers and fishing-boats is practically the same as last year. By the Shipping and Seamen Amendment Act, 1909, fishing-boats up to 10 tons register are now exempted from the obligation to carry a certificated officer in charge of the vessel.

The Examiners as a rule have reported very favourably on the candidates' proficiency in the Morse and semaphore signalling, which is generally in advance of the actual requirement of the ordinary examination.

Only one candidate (Mr. Frank S. Horn) passed for extra master during the year. By the new regulations which came into force on the 1st October, 1910, this examination is more difficult than ever, and unless a candidate is a quick worker, as well as accurate, he is quite likely to fail for time. The construction of a plan or chart on Mercator's principle, as now given, requires a deal of thinking out and neat handiness, and the compass and bearings, &c., must all be plotted without the aid of a protractor. It needs a deal of care and patience. The additional work for the ordinary examinations, which came into force in September of last year, was mentioned in my last report. It is not likely to cause anxiety or much extra labour to intending candidates.

A few candidates have already voluntarily passed the higher standard of form-vision, which will come into force for all candidates when passing their first examination after the 1st January, 1914.

Boys, or parents intending to send their boys to sea, should note that unless they are in possession of a certificate of competency by 1st January, 1914, they will after that date be required to pass the new standard of form-vision as laid down in Appendix A of the regulations, whether they are coming up for a certificate of competency or for examination in sight-test only. In this examination the candidate will be tested with each eye separately, and he must not be allowed to use spectacles or glasses of any kind.

I have, &c.,

HAROLD S. BLACKBOURNE.

Principal Examiner of Masters and Mates.

The CURATOR, Portobello Marine Fish-hatchery, to the SECRETARY, Marine Department.

Marine Fish-hatchery and Biological Station,  
Portobello, Dunedin, 13th May, 1911.

SIR,—

I have the honour to present the following (the fifth) annual report of operations at the Marine Fish-hatchery, from the publication of the last report (30th April, 1910) to the present date. Reports of previous years' operations will be found in the "Transactions of the New Zealand Institute," Vols. 38 and 39, and in the New Zealand Marine Department Reports for 1908-9 and 1909-10.

*Lobsters*.—Exact dates and particulars of casting, spawning, hatching, &c., were given in the report for 1908-9, and it will not be necessary to go too closely into these details again, further than to state that during both this season and the last the dates of these events have closely corresponded with those given in that report, and the fact that nineteen out of a total of twenty-one females spawned again during January, February, and March tends to support the theory of annual as against biennial reproduction.

The adult lobsters were not examined until 30th October, and it is very probable that the two exceptions had spawned early and had already hatched their brood. Of the other nineteen females, one died and was still carrying about half a batch, ten carried complete batches, four carried half a batch, three carried about a quarter-batch, and one carried only a few hundred well-advanced eggs, and had evidently hatched a large number of larvæ. The first larvæ were hatched on 20th November, and between that date and 27th December 33,000 lobster larvæ were hatched from lobsters that were transferred to the glass tanks. I have before pointed out the harmful effects of frequently handling the egg-bearing lobster, and also the enormous loss of eggs that takes place if kept too long in the small glass tanks (see Report 1908-9). For these two reasons the berried lobsters were not examined until somewhat later in the season than usual, and only those that carried the most advanced eggs were retained in the glass tanks, the others being returned to the ponds, the broods being allowed to hatch there and to find their way out by means of the outlet-valve, which was opened daily. It is therefore impossible to estimate the number that were actually hatched during the season. The majority of the 33,000 were liberated in the harbour as soon as they were hatched, but towards the end of the season a great many were kept in the available tanks, and were liberated in the second, third, and fourth stages. Two adult males and one female have died during the year, leaving the present stock, twenty females and fifteen males. The eggs that became detached from the lobsters whilst in the tanks were carefully siphoned out, cleaned, and placed in Macdonald jars, and by this means a large number of eggs that had been regarded as lost in previous seasons have been successfully hatched. I am unable as yet to state definitely how many of the females have spawned again this season, but the majority of them are seen to move about the ponds with the abdomen bent under, the characteristic attitude of the berried hen, and I think there is every prospect of continued success.

*Lobster-rearing.*—At the time of the publication of the last report, twelve lobsterlings had been reared to the age of five months, out of 3,000 that were retained in the tanks for this purpose during the 1909 season. As has already been pointed out, the great and practically the only serious obstacle to the successful rearing of young lobsters is their cannibalism. During their first to fourth stages, a period of about twenty-two days, moulting takes place about every five days, and at any time during this period acts of cannibalism can be witnessed. From this time onward casting becomes less frequent, and as a consequence these acts take place at longer intervals, but in the majority of cases the soft, newly moulted lobsterling is attacked and maimed or killed by one or more of the other occupants of the tank. Of the twelve that remained on 30th April only six survived to 7th August, and these had dwindled down to three by the time they were twelve months old, and of these two were in a very dilapidated condition, having during their various moults lost their large claws and almost all their walking-limbs. These two were eaten up by the 20th February, and the sole survivor is now seventeen months old. It is a perfect specimen in every detail, pale blue in colour, and about 2½ in. in length from tip of rostrum to hind edge of "tail."

The rearing experiment was repeated this season, but only 500 larvæ were retained. Of these only one, five months old, remains.

These and other rearing experiments necessarily take up a lot of our time. The tanks must be cleaned out daily, refuse feed siphoned out, fresh feed supplied, &c., and with almost total failure in view from the beginning a casual observer might be tempted to term them a waste of time. Experiments that have been conducted in various marine laboratories to ascertain the rate of growth of young lobsters have proved the extreme difficulty of the problem, and no practical economic results were anticipated in the present case, but I think we have been amply compensated for the expenditure in time and labour in having, at any rate, one living specimen at eighteen months, and in being now in possession of preserved specimens of the first, second, third, and fourth swimming-stages, and of preserved cast shells representing their exact size for practically every month throughout the first eighteen months of their existence. It was never anticipated that their successful acclimatization would be brought about by rearing large numbers to a marketable size under artificial conditions, and these experiments have gone to prove that the policy initiated by the Board the first season—namely, planting the young fry as soon as hatched in the waters of the harbour and the open ocean, where they are at once in their natural surroundings—is by far the better plan, and is the scheme that must be continued, and to which we must look for their permanent establishment. Various kinds of crabs, prawns, &c., have been sent to the station as lobsters, but as yet we have received no true specimens. The difficulty of their capture at their present age and small size renders it very improbable that any are likely to be found for some time to come.

*Crabs.*—I regret to report that the stock of crabs has decreased from five at the time of the last report to two. Both of these are females. One of them spawned a full batch of eggs in the early spring, and hatching took place between the 6th and 11th December, some 3,500,000 fry being produced and liberated. The last male died on 2nd January, 1911, and it is very doubtful if either of these two females will spawn this season. Many of the crabs have died from accidents: two, it will be remembered, were destroyed by an octopus, two others became caught in the valve-screen during the night, and one was injured through climbing out of one of the boxes. No attempt has been made at any time to rear these extremely small larvæ, and some 20,000,000 have been liberated to date, a large proportion being planted off shore. I would strongly recommend that another shipment of these be made as soon as possible, as I do not think that the slightest doubt need be entertained of their early establishment.

*Local Fishes.*—Every facility has been again placed at our disposal by Mr. F. J. Sullivan, owner of the trawlers "Express" and "Napier," for the study of the habits of local fishes and for the collection of the eggs of local flatfishes. No charge is made for meals, pumping, fish-feed,

or for any specimens that may be required at the station. To him we are also indebted for the loan of various useful literature. The spawning season of the flatfishes continues to be well defined both as regards season and depth of water. The first eggs were collected on 21st July, and between that date and 21st August, 2,545,000 sole and brill eggs were collected. A few sole-larvæ were retained in the tanks up to the tenth day, by which time the eyes had become prominent and the pectoral fins were formed, but no trace of a commencement of the metamorphosis into the flatfish was found. A little more knowledge has been gained of the spawning of several of our most valuable food-fishes, but until these observations have been confirmed and brought to a definite conclusion it would be inadvisable to include them or the drawings in this year's report.

*General.*—The stock of books on pisciculture and kindred subjects in the library has been considerably augmented during the year. Annual reports from various marine stations come to hand regularly, and the addition of these and other pamphlets, &c., makes the library one of the most valuable and necessary adjuncts to the station. The whole of the buildings and plant have been maintained in excellent repair. The interior of the cottage has been painted and papered throughout, and slight interior alterations have been made. New piston-rings have been fitted to the pump engine. The old pond-valves had become wormeaten, and new ones have been fitted. Two new cog-wheels have been fitted to the slip-winch. The dinghy and launch have been regularly slipped, scrubbed, and painted. The centreboard has been taken out of the launch and a new outer keel fitted, and eight new ribs have been put in, and she is now in perfect condition and proving most useful.

The alterations to the present ponds by subdivision and deepening were commenced on 1st March. Close upon 100 yards of concrete will be required for this work. About 30 yards have already been put in, and it is expected that the whole of our time will be taken up with this work for the next two or three months. When completed these alterations will permit of a much more varied stock being kept with little or no increased annual expenditure. The smaller ponds should prove suitable for rearing-experiments, or they could be roofed over in the event of very severe cold weather should it be found necessary to protect any introduced stock.

The report of the experiments with regard to the retardation of the development of the eggs of the herring has come to hand, and, although it has been found possible to retard them for from fifty to fifty-five days, the numbers that have been hatched out at the end of that period were very small, and I would not recommend that any attempt be made to bring them out until more favourable results can be shown. I do not consider that it would be possible to transport the adult herring alive to the Dominion.

Owing to the alteration of her route, the fish-tanks and cooling-apparatus have been removed from the s.s. "Karamea," and are at present stored in London, and in the event of further shipments of any kind being made it would be necessary to fit them up on board some other vessel coming direct to Port Chalmers.

Very little outside labour has been employed throughout the year, and the general working-expenses have been kept as low as possible.

I have, &c.,

T. ANDERTON. .

RETURN showing the TOTAL ORDINARY EXPENDITURE of the MARINE DEPARTMENT during the FINANCIAL YEAR ended the 31st March, 1911.

Nature of Expenditure.	Details.			Totals.			Grand Totals.		
	£	s.	d.	£	s.	d.	£	s.	d.
Head Office salaries .. .. .							2,356	5	8
Harbours:—									
Manukau,—									
Salaries .. .. .	500	0	0						
House allowance for Harbourmaster .. .. .	24	0	0						
Erection of beacon .. .. .	34	0	0						
Extra wages .. .. .	10	10	0						
Stores and contingencies .. .. .	195	16	4						
Hokianga,—							764	6	4
Salaries .. .. .	447	0	0						
Stores and contingencies .. .. .	129	1	9						
Kaipara,—							576	1	9
Salaries .. .. .	663	0	0						
House allowance for Harbourmaster .. .. .	26	0	0						
Stores and contingencies .. .. .	191	13	8						
Tauranga,—							880	13	8
Salary .. .. .	25	0	0						
Contingencies .. .. .	3	10	0						
Tongaporutu,—							28	10	0
Salary .. .. .	25	0	0						
Stores and contingencies .. .. .	18	13	2						
Opunake,—							43	13	2
Salary .. .. .	25	0	0						
Stores and contingencies .. .. .	15	12	11						
Whangaparapara,—							40	12	11
Salary .. .. .	13	0	0						
Stores .. .. .	0	8	11						
Mokau,—							13	8	11
Salary .. .. .							40	0	0
Awakino,—									
Salary .. .. .	20	0	0						
Lamps and stores .. .. .	8	18	0						
Picton,—							28	18	0
Salary .. .. .	220	0	0						
House allowance .. .. .	22	18	4						
Launch-hire .. .. .	9	4	0						
Stores and contingencies .. .. .	20	0	9						
Nelson,—							272	3	1
Salaries of signalmen .. .. .							20	0	0
Waitapu,—									
Salary .. .. .	25	0	0						
Stores and contingencies .. .. .	4	6	11						
Puponga,—							29	6	11
Stores and contingencies .. .. .							2	12	6
Collingwood,—									
Salary .. .. .	50	0	0						
Snagging .. .. .	17	14	0						
Stores and contingencies .. .. .	11	16	3						
Karamea,—							79	10	3
Salary .. .. .	100	0	0						
Beacons .. .. .	23	11	0						
Removal of snags .. .. .	12	6	0						
Shifting Harbourmaster's house .. .. .	220	16	3						
Land for Harbourmaster's house .. .. .	50	0	0						
Stores and contingencies .. .. .	13	15	4						
Okarito,—							420	8	7
Salary .. .. .	100	0	0						
Extra wages .. .. .	23	15	0						
Deepening Sandy's Channel .. .. .	10	0	0						
Addition to Harbourmaster's house .. .. .	25	0	0						
Stores and contingencies .. .. .	10	19	11						
Okuru,—							169	14	11
Salary .. .. .	50	0	0						
Whaleboat .. .. .	24	14	0						
Stores and contingencies .. .. .	17	7	8						
Catlin's River,—							92	1	8
Erection of beacons .. .. .							25	12	0
Little Wanganui,—									
Piloting .. .. .	12	0	0						
New boat .. .. .	7	10	0						
Stores and contingencies .. .. .	14	3	5						
Waikawa,—							33	13	5
Salary .. .. .	10	0	0						
Salary of storeman .. .. .	202	2	11						
Buoy-chain .. .. .	12	4	1						
Coastal buoys and beacons .. .. .	95	13	3						
General repairs .. .. .	8	18	6						
Stores and contingencies .. .. .	77	3	1						
							396	1	10
							3,967	9	11

RETURN showing the TOTAL ORDINARY EXPENDITURE of the MARINE DEPARTMENT—*continued.*

Nature of Expenditure.	Details.			Totals.			Grand Totals.		
	£	s.	d.	£	s.	d.	£	s.	d.
<b>Lighthouses :—</b>									
Salaries of keepers .. .. .	10,909	11	1						
Oil .. .. .	1,562	0	3*						
Stores and contingencies .. .. .	4,934	9	7						
Lighthouse expert .. .. .	307	2	8						
Lightkeeper's travelling-expenses .. .. .	219	9	2						
									17,932 12 9
<b>Meteorological Office :—</b>									
Salaries of staff and observers .. .. .	940	15	0						
Postage and telegrams .. .. .	874	14	1						
Instruments and repairs .. .. .	90	4	0						
Office equipment and rent .. .. .	179	15	1						
Cleaning offices .. .. .	20	0	0						
Travelling-expenses .. .. .	60	9							
Telephone .. .. .	17	0	0						
Stores and contingencies .. .. .	18	12	3						
									2,201 10 2
<b>Mercantile marine offices and survey of ships :—</b>									
Salaries .. .. .	3,394	16	7						
Rent .. .. .	100	0	0						
Telephones .. .. .	50	9	10						
Cleaning offices .. .. .	45	12	2						
Advertising for Surveyor .. .. .	7	14	6						
Travelling-expenses .. .. .	31	0	5						
Contingencies .. .. .	26	3	0						
									3,655 16 6
<b>Protection of fish and oysters :—</b>									
Salaries of Inspectors .. .. .	872	15	0						
Planting oysters in Hauraki Gulf .. .. .	154	15	1						
Casual labour .. .. .	142	16	0						
Collection, &c., brown-trout ova .. .. .	169	7	1						
<b>Grant for maintenance, Portobello Fish-hatchery,—</b>									
Salaries .. .. .	330	0	0						
Repairs, stores, &c. .. .. .	46	2	8						
Stocking Westland rivers with trout .. .. .	75	0	0						
Grant for Marlborough Fish-hatchery .. .. .	50	0	0						
Experiments with herring-ova .. .. .	29	17	4						
Importation of Atlantic salmon-ova .. .. .	752	1	10						
Picking and sale of oysters .. .. .	12	2	0						
Stocking Westland rivers with salmon .. .. .	165	10	10						
Travelling-expenses .. .. .	284	11	2						
Contingencies .. .. .	30	11	8						
							3,115	10	8
<b>Hakataramea Salmon Station,—</b>									
Salaries .. .. .	356	0	0						
Working-expenses .. .. .	100	2	7						
							456	2	7
									571 13 3
									33,685 8 3
Less recoveries .. .. .									562 3 5
<b>Total .. .. .</b>									<b>£33,123 4 10</b>
<b>Government steamers :—</b>									
Working-expenses, s.s. "Hinemoa" .. .. .	8,951	5	10						
"    s.s. "Tutanekai" .. .. .	4,784	5	2						
"    s.s. "Amokura" .. .. .	7,565	8	0						
Repairs to cable-engine, s.s. "Tutanekai" .. .. .	146	0	0						
							21,446	19	0
Less cable services, freights, passages, &c. .. .. .							3,320	16	3
<b>Total .. .. .</b>									<b>18,126 2 9</b>
<b>Marine miscellaneous services :—</b>									
Departmental travelling-expenses .. .. .	51	19	6						
Administration of Shipping and Seamen Act, and inquiries into shipping casualties .. .. .	390	5	11						
<b>Buoys and beacons,—</b>									
Jackson's Head beacon .. .. .	69	10	1						
Kaipara Harbour beacons .. .. .	230	12	9						
Cartage and freight .. .. .	67	1	8						
Charts, books, and publications .. .. .	287	0	0						
Checking overcrowding of steamers .. .. .	346	0	1						
Contribution towards New Zealand Sailors' Room, England .. .. .	20	0	0						
Deepening creek, Okarito .. .. .	20	0	0						
Erection of wharf-shed, Little Wanganui .. .. .	40	14	0						
Extra clerical assistance .. .. .	27	16	8						
Fog signals—Cartridges and maintenance .. .. .	430	3	1						
Grant for improvements to Foxton Harbour .. .. .	187	10	0						
Grant towards cost of repairing Half-moon Bay Wharf .. .. .	35	0	0						
Legal expenses .. .. .	13	2	6						
Lithographing forms .. .. .	66	3	0						

\* Value of oil purchased. For value of oil consumed, see Maintenance Return, next page.

RETURN showing the TOTAL ORDINARY EXPENDITURE of the MARINE DEPARTMENT—*continued.*

Nature of Expenditure.	Details.		Totals.		Grand Totals.	
	£	s. d.	£	s. d.	£	s. d.
<i>Marine miscellaneous services—continued.</i>						
Maintenance of Anglem Point light .. .. .	39	7 1				
New Zealand Nautical Almanac .. .. .	358	8 6				
Office equipment .. .. .	10	14 2				
Postage and telegrams, and rent of boxes .. .. .	406	12 11				
Preparation of Tide Tables .. .. .	240	0 0				
Prosecutions under Marine Acts .. .. .	20	4 0				
Railway-fares of Royal Naval Registrar .. .. .	15	19 8				
Refund of contribution towards cost of search for s.s. "Duco" .. .. .	15	0 0				
Relief of distressed seamen .. .. .	26	15 11				
Relief of distressed New Zealand seamen and others in United Kingdom .. .. .	116	4 6				
Rent and expenses connected with examinations .. .. .	26	1 6				
Survey of unseaworthy ships .. .. .	31	10 4				
Telephones .. .. .	67	7 2				
Sundries .. .. .	3	18 6				
			3,661	3 6		
Less recoveries .. .. .			157	8 9		
					3,503	14 9
Grand total .. .. .					£54,753	2 4

## RETURN showing TOTAL COST of MAINTENANCE of the NEW ZEALAND COASTAL LIGHTHOUSES during the Financial Year ended 31st March, 1911.

Name of Lighthouse.	Salaries.	Oil consumed.		Stores and Contingencies.	Totals.
		Gallons.	Value.		
	£ s. d.		£ s. d.	£ s. d.	£ s. d.
Cape Maria van Diemen .. .. .	394 3 4	756	31 17 10	(*)412 9 7	838 10 9
Cape Brett .. .. .	400 0 0	606	25 11 4	248 4 7	673 15 11
Mokohinou .. .. .	338 16 2	870	63 8 9	244 5 5	646 10 4
Tiri Tiri .. .. .	305 16 8	576	42 0 0	106 15 4	454 12 0
Bean Rock .. .. .	160 0 0	96	4 1 0	71 1 5	235 2 5
Ponui Passage .. .. .	130 0 0	83	6 1 0	52 4 4	188 5 4
Cuvier Island .. .. .	381 14 11	646	27 5 1	178 4 10	587 4 10
East Cape .. .. .	349 0 0	874	63 14 7	(b)232 2 1	644 16 8
Portland Island .. .. .	382 15 0	777	56 13 1	138 1 10	577 9 11
Napier Bluff .. .. .	20 0 0	Gas	12 13 0	4 14 10	37 7 10
Cape Palliser .. .. .	290 0 0	840	61 5 0	127 3 9	478 8 9
Pencarrow Head .. .. .	280 0 0	617	26 0 7	(c)125 3 5	431 4 0
Somes Island .. .. .	262 3 1	635	46 6 0	31 14 9	340 3 10
Cape Egmont .. .. .	297 10 0	584	42 11 8	(d) 87 2 7	427 4 3
Manukau South Head .. .. .	310 0 0	588	42 17 6	66 4 2	419 1 8
Manukau South Head leading-lights .. .. .		161	11 14 9	7 7 3	19 2 0
Manukau North Head leading-lights .. .. .	133 8 0	270	19 13 9	50 17 11	203 19 8
Kaipara Head .. .. .	295 0 0	569	41 9 9	140 7 11	476 17 8
Brothers .. .. .	475 15 1	878	37 0 10	216 18 10	729 14 9
Tory Channel leading-lights .. .. .	100 0 0	187	13 12 8	10 3 0	123 15 8
Cape Campbell .. .. .	227 18 4	598	43 12 1	174 2 4	445 12 9
Godley Head .. .. .	290 0 0	575	41 18 6	94 12 0	426 10 6
Akaroa Head .. .. .	276 7 3	606	44 3 9	(e)112 12 10	433 3 10
Jack's Point .. .. .	165 0 0	348	14 13 7	75 9 6	255 3 1
Moeraki .. .. .	280 16 8	577	42 0 5	83 16 11	406 14 0
Taiaroa Head .. .. .	289 10 8	651	47 9 4	97 17 2	434 17 2
Cape Saunders .. .. .	304 1 8	640	46 13 4	156 4 4	506 19 4
Nugget Point .. .. .	409 3 4	740	31 4 4	(f)272 5 7	712 13 3
Waipapapa Point .. .. .	275 0 0	618	45 1 3	142 18 2	462 19 5
Dog Island .. .. .	371 13 4	789	57 10 7	119 4 9	548 8 8
Centre Island .. .. .	390 0 0	653	27 10 11	(g)204 1 11	621 12 10
Puysegur Point .. .. .	379 3 4	684	28 17 1	181 17 7	539 18 0
Cape Foulwind .. .. .	270 0 0	600	43 15 0	70 2 7	383 17 7
Hokitika .. .. .	20 0 0	Gas	11 7 0	0 3 1	31 10 1
Kahurangi Point .. .. .	356 9 6	1,073	78 4 9	(h)158 19 7	593 13 10
Farewell Spit .. .. .	440 0 0	640	46 18 4	151 13 1	638 6 5
Nelson .. .. .	287 1 8	262	19 2 1	52 9 8	358 13 5
French Pass .. .. .	173 6 8	194	14 2 11	51 1 3	238 10 10
Stephens Island .. .. .	397 16 5	634	26 14 11	183 9 5	608 0 9
Totals .. .. .	10,909 11 1	21,495	1,386 13 4	4,934 9 7	17,230 14 0

(\*) Includes £104 9s. 10d. for improvements to landing-place and £35 19s. 11d. for new rings and rollers. (b) Includes £128 5s. 4d. for repairs to tramway. (c) Includes £19 15s. for clearing reserve. (d) Includes £19 4s. for fencing reserve. (e) Includes £19 11s. 10d. for fencing reserve. (f) Includes £44 for new horse and £92 4s. 1d. for ventilating-cowl. (g) Includes £36 15s. 1d. for erection of wash-houses. (h) Includes £85 for landing stores and £22 13s. 9d. for new cart.

RETURN showing the COST of ERECTION of the New Zealand COASTAL LIGHTHOUSES.

Name of Lighthouse.	Cost of Erection.	
	£	s. d.
Pencarrow Head .. .. .	6,422	0 4
Nelson .. .. .	2,824	8 9
Tiri Tiri .. .. .	5,747	7 2
Mana Island* .. .. .	5,513	0 1
Taiaroa Head .. .. .	4,923	14 11
Godley Head .. .. .	4,705	16 4
Dog Island .. .. .	10,480	12 8
Farewell Spit .. .. .	6,139	11 8
Nugget Point .. .. .	6,597	3 7
Cape Campbell .. .. .	5,619	2 6
Manukau Head .. .. .	4,975	2 4
Cape Foulwind .. .. .	6,955	9 1
Brothers .. .. .	6,241	0 0
Portland Island .. .. .	6,554	14 5
Moeraki .. .. .	4,288	13 2
Centre Island .. .. .	5,785	19 0
Puysegur Point .. .. .	9,958	19 5
Cape Maria van Diemen .. .. .	7,028	14 8
Akaroa Head .. .. .	7,150	6 5
Cape Saunders .. .. .	6,066	6 3
Cape Egmont† .. .. .	3,353	17 11
Mokohinou .. .. .	8,186	5 0
Waipapapa Point .. .. .	5,969	18 11
Ponui Passage‡ .. .. .	..	..
Kaipara Head .. .. .	5,571	8 0
French Pass .. .. .	1,427	17 5
Cuvier Island .. .. .	7,406	16 11
Stephens Island .. .. .	9,349	9 11
Cape Palliser .. .. .	6,243	16 1
East Cape .. .. .	7,594	8 8
Kahurangi Point .. .. .	9,528	1 1
Jack's Point .. .. .	1,204	10 9
Cape Brett .. .. .	11,237	3 5
Cost of telegraph cable to Tiri Tiri .. .. .	1,085	19 6
Miscellaneous and unallocated .. .. .	1,322	2 2
<b>Total .. .. .</b>	<b>£203,459</b>	<b>18 6</b>

RETURN showing the AMOUNT of LIGHT DUES collected during the Year ended 31st March, 1911.

Port.	Amount collected	
	£	s. d.
Auckland .. .. .	12,238	10 11
Onehunga .. .. .	142	14 11
Whangarei .. .. .	153	15 3
Russell .. .. .	44	1 7
Mangonui .. .. .	3	3 4
Whangaroa .. .. .	10	19 5
Hokianga .. .. .	95	3 11
Whangape .. .. .	0	12 1
Kaipara .. .. .	191	0 1
Thames .. .. .	82	18 3
Coromandel .. .. .	14	12 11
Tauranga .. .. .	37	14 7
Poverty Bay .. .. .	869	8 0
Napier .. .. .	958	0 11
New Plymouth .. .. .	204	3 7
Waitara .. .. .	152	3 2
Patea .. .. .	19	9 4
Wanganui .. .. .	214	18 7
Foxton .. .. .	0	3 1
Wellington .. .. .	9,431	2 5
Wairau .. .. .	23	0 2
Pictou .. .. .	500	12 3
Nelson .. .. .	409	3 0
Westport .. .. .	860	18 8
Greymouth .. .. .	433	16 3
Hokitika .. .. .	5	12 5
Lyttelton .. .. .	3,223	7 9
Timaru .. .. .	654	16 8
Oamaru .. .. .	211	4 4
Dunedin .. .. .	2,349	1 5
Bluff and Invercargill .. .. .	3,252	12 3
<b>Total .. .. .</b>	<b>£36,749</b>	<b>3 9</b>
Less refunds .. .. .	39	17 9

\* Light discontinued; moved to Cape Egmont.  
 † Cost of iron tower, lantern, and apparatus, which were removed from Mana Island, is not included in this.  
 ‡ Built by Provincial Government of Auckland cost not known in Marine Department.

RETURN showing the AMOUNT of PILOTAGE, PORT CHARGES, &c., collected during the Year ended 31st March, 1911.

RETURN showing the FEES, &c., received under the Shipping and Seamen Acts, the Merchant Shipping Act, the Harbours Acts, and the Fisheries Acts, during the Financial Year ended 31st March, 1911.

Nature of Receipts.	Amount.	
	£	s. d.
<b>Shipping and Seamen Acts:—</b>		
Fees for engagement and discharge of seamen, and sale of forms .. .. .	3,318	5 0
Surveys of steamers and sailing-vessels .. .. .	2,317	5 0
Measurement of ships .. .. .	38	11 0
Examinations of masters, mates, and engineers .. .. .	454	7 6
Light dues .. .. .	36,749	3 9
Sundries .. .. .	521	6 9
Merchant Shipping Act .. .. .	165	4 10
<b>Harbours Acts:—</b>		
Pilotage and port charges .. .. .	1,860	0 0
Sundry receipts .. .. .	613	12 6
<b>Fisheries Acts:—</b>		
Sundry receipts .. .. .	303	5 0
<b>Total .. .. .</b>	<b>46,341</b>	<b>1 4</b>

Name of Port.	Pilotage.		Port Charges, &c.		Total.	
	£	s. d.	£	s. d.	£	s. d.
Auckland* .. .. .	2,235	8 0	10,544	13 9	12,780	1 9
Onehunga .. .. .	18	16 8	215	16 3	234	12 11
Hokianga .. .. .	52	8 2	..	..	52	8 2
Kaipara .. .. .	271	5 6	946	17 0	1,218	2 6
Thames* .. .. .	124	4 10	243	15 5	368	0 3
Gisborne* .. .. .	221	7 1	5,121	6 4	5,342	13 5
Wairoa* .. .. .	231	8 0	11	19 9	243	7 9
Napier* .. .. .	1,050	17 7	7,254	16 7	8,305	14 2
N. Plymouth* .. .. .	192	0 4	283	12 4	475	12 8
Waitara* .. .. .	138	7 3	196	9 10	334	17 1
Wanganui* .. .. .	746	1 8	165	18 8	912	0 4
Patea* .. .. .	78	0 8	18	9 0	96	9 8
Foxton* .. .. .	318	2 6	..	..	318	2 6
Wellington* .. .. .	383	13 1	17,945	17 10	18,329	10 11
Pictou .. .. .	84	11 9	210	8 10	295	0 7
Wairau* .. .. .	435	17 0	..	..	435	17 0
Nelson* .. .. .	3,942	19 11	1,106	7 1	5,049	7 0
Westport* .. .. .	549	15 1	..	..	549	15 1
Karamea .. .. .	65	19 6	..	..	65	19 6
Hokitika* .. .. .	..	..	†53	12 5	53	12 5
Lyttelton* .. .. .	13,579	16 10	7,972	10 5	21,552	7 3
Katapo* .. .. .	..	..	315	8 0	315	8 0
Timaru* .. .. .	3,666	6 10	4,067	18 6	7,734	5 4
Oamaru* .. .. .	..	..	†2,051	4 2	2,051	4 2
Dunedin* .. .. .	13,753	8 3	4,661	1 2	18,414	9 5
Bluff* .. .. .	4,775	2 1	2,883	1 8	7,658	3 9
New River* .. .. .	..	..	10	2 0	10	2 0
<b>Totals .. .. .</b>	<b>46,915</b>	<b>18 7</b>	<b>66,281</b>	<b>7 0</b>	<b>113,197</b>	<b>5 7</b>

\* Harbour Board revenue. † Tonnage dues.



RETURN showing the NUMBER of SEAMEN engaged and discharged in the FOREIGN and INTERCOLONIAL TRADE, the HOME TRADE, and WITHIN RESTRICTED LIMITS respectively, together with the AMOUNT of FEES received for the same, during the Financial Year ended the 31st March, 1911.

Port.	Engagements and Discharges in Foreign and Intercolonial Trade.			Engagements and Discharges in Home Trade.			Engagements and Discharges in Restricted Limits.			Total Engagements.		Total Discharges.		Grand Totals.		
	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	£ s. d.	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	£ s. d.	Number of Seamen.	£ s. d.	Number of Seamen.	£ s. d.	Number of Seamen.	£ s. d.		
Auckland	2,509	187 0 6	2,304	170 15 6	2,344	151 18 6	2,364	155 5 0	1,045	67 10 0	5,898	407 6 6	5,701	393 10 6	11,599	800 17 0
Dunedin and Port Chalmers	2,043	146 18 0	1,993	145 6 0	1,754	121 0 0	1,866	137 12 6	..	..	3,797	267 18 0	3,939	282 18 6	7,736	550 16 6
Greytown	67	5 0 6	79	5 18 6	1,162	12 3 0	129	9 13 6	..	..	229	17 3 6	208	15 12 0	437	32 15 6
Hokitanga	25	1 17 6	10	0 15 0	18	1 7 0	9	0 13 6	..	..	43	3 4 6	19	1 8 6	62	4 13 0
Hokitika	..	..	..	..	19	1 2 0	18	1 0 6	..	..	19	1 2 0	18	1 0 6	37	2 2 6
Invercargill	145	9 4 0	42	2 19 6	35	2 12 6	27	2 0 6	..	..	180	11 16 6	69	5 0 0	249	16 16 6
Kaipara	34	2 11 0	22	1 13 0	74	5 0 6	64	4 5 6	..	..	108	7 11 6	86	5 18 6	194	13 10 0
Lytelton	664	49 16 0	499	37 8 6	1,626	121 19 6	1,470	110 5 6	30	2 2 0	2,320	174 0 6	1,987	149 16 0	4,317	323 16 6
Napier ..	104	6 4 6	48	3 12 0	242	13 3 0	233	12 15 0	25	1 14 6	371	21 5 0	304	18 1 6	675	39 6 6
Nelson ..	2	0 3 0	17	0 15 0	593	37 12 0	569	35 10 0	118	6 9 0	713	44 11 0	700	42 14 0	1,413	87 5 0
New Plymouth	..	..	2	0 3 0	2	0 3 0	17	1 4 6	..	..	2	0 3 0	19	1 7 6	21	1 10 6
Oamaru..	3	0 4 6	1	0 1 6	27	1 17 6	17	1 2 6	..	..	30	2 2 0	13	1 4 0	48	3 6 0
Onehunga	..	..	..	..	545	33 17 0	554	33 6 6	..	..	545	33 17 0	554	33 6 6	1,099	67 3 6
Patea ..	..	..	..	..	28	1 12 6	22	1 3 6	..	..	28	1 12 6	22	1 3 6	50	2 16 0
Picton ..	9	0 13 6	3	0 4 6	86	6 0 0	79	5 9 6	9	0 12 0	104	7 5 6	91	6 6 0	195	13 11 6
Poverty Bay	18	1 7 0	7	0 10 6	170	11 10 6	152	10 3 6	..	..	188	12 17 6	159	10 14 0	347	23 11 6
Russell ..	13	0 3 0	18	0 3 0	..	..	..	..	..	..	13	0 3 0	18	0 3 0	31	0 6 0
Tauranga	..	..	..	..	13	0 19 6	12	0 19 0	..	..	13	0 19 6	12	0 19 0	25	1 18 6
Thames ..	..	..	..	..	9	0 13 6	9	0 13 6	..	..	9	0 13 6	9	0 13 6	18	1 7 0
Timaru ..	33	2 9 6	7	0 10 6	129	9 13 6	85	6 7 6	..	..	162	12 3 0	92	6 18 0	254	19 1 0
Waiau ..	2	0 3 0	1	0 1 6	84	1 15 0	35	1 16 6	..	..	36	1 18 0	36	1 18 0	72	3 16 0
Waikato	..	..	..	..	19	0 15 0	19	0 15 0	17	0 13 6	36	1 17 0	37	1 8 6	73	2 15 6
Wanganui	11	0 16 6	6	0 7 6	131	8 7 0	130	8 5 6	..	..	142	9 3 6	135	8 13 0	277	17 16 6
Wellington	2,036	127 7 0	1,973	118 9 0	3,024	193 10 0	3,024	194 9 0	..	..	5,059	320 17 0	4,897	312 18 0	9,956	633 15 0
Westport and Karamea	58	4 7 0	44	3 6 0	205	13 18 0	208	14 2 6	..	..	263	18 5 0	252	17 8 6	515	35 13 6
Whangape	..	..	..	..	1	0 1 6	1	0 1 6	..	..	1	0 1 6	1	0 1 6	2	0 3 0
Whangaroa	..	..	..	..	1	0 1 6	..	..	..	..	1	0 1 6	..	..	1	0 1 6
Whangarei	..	..	..	..	8	0 11 6	..	..	..	..	8	0 11 6	..	..	15	1 1 6
Totals ..	7,776	546 6 0	6,975	493 0 0	11,298	753 4 6	11,230	749 11 6	1,244	79 1 0	20,318	1,380 0 6	19,420	1,921 12 6	39,738	2,701 13 0

RETURN of ACCIDENTS to SEAMEN and Others on board Ship reported to the MARINE DEPARTMENT during the Financial Year ended the 31st March, 1911.

Date of Accident.	Name of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1910.					
Mar. 1	Kapiti, Wellington, 108078	Gustaf Ohlgren, A.B.	Injured foot	Wellington	A telegraph-pole fell out of a sling and struck foot.
" 13	Moeraki, Dunedin, 101488	James Chalmers, cook	Scalded	Dunedin	Boiling water capsize in galley, and scalded right leg.
" 13	Monowai, Dunedin, 84497	J. King, trimmer	Injured back and head	At sea	Fell down the bunker.
" 16	Nikau, Nelson, 93994	H. McDonald, A.B.	Injured back	Nelson	Caught in winch.
" 19	Tarawera, Dunedin, 84480	V. Pollard, A.B.	Sprained ankle	Auckland	Slipped when stepping from rigging.
" 22	Tofua, Dunedin, 117600	R. Smith, fireman	Burnt	At sea	The fire blew back from the furnace and scorched right arm and hands.
" 22	Moeraki, Dunedin, 101488	William Winton, trimmer	Injured finger	Bluff	Crushed whilst drawing ash-pit.
" 24	Maori, Dunedin, 117598	T. Luke, fireman	Injured ankle	Wellington	Sprained through slipping on stokehold-plates.
" 31	Waikoni, Auckland, 102,336	A. Auvray, A.B.	Injured shin	Birkenhead	Caught in the winch.
April 1	Lizzie Taylor, Launceston, 79299	A. Jean, A.B.	Injured finger	Wellington	Jammed in fore hatch.
" 1	Queen of the South, Wellington, 74793	A. Kemp, A.B.	Injured back	Wellington	Struck by a piece of timber cargo.
" 1	Maori, Dunedin, 117598	W. Skilton, cook	Injured arm	Wellington	Whilst the butcher was cutting meat, the knife slipped and cut right arm.
" 1	Star of Scotland, Belfast, 120702	C. A. Jones, fireman	Injured arm	At sea	Whilst chipping iron a piece struck his arm.
" 2	Storm, Lyttelton, 118090	W. Stockton, O.S.	Injured leg	Lyttelton	Struck by a piece of timber whilst discharging cargo.
" 6	Opawa, Wellington, 91800	H. Starr, A.B.	I-injured back	Blenheim	A sack of chaff fell on him from a sling.
" 12	Hua, Wellington, 78367	T. Scott	Strains back	Wellington	Slipped whilst lifting a case.
" 15	Pohorua, Dunedin, 98061	W. Gray, fireman	Burns	Off Greymouth	Severely burnt on both arms by the explosion of a lamp.
" 16	Monowai, Dunedin, 84497	Thomas Coleman, greaser	Injured finger	Lyttelton	Caught in hydraulic machinery.
" 21	Kimi, Dunedin, 104337	H. Heather, fireman	Broken nose	Greymouth	Handle of ash-hoist slipped and struck him.
" 22	Alexander, Nelson, 93988	A. McPhee, cook	Broken leg	Westport	Fell down bridge-ladder.
" 25	Bec, Auckland, 94233	E. Barnard, A.B.	Injured shin	At sea	Fell over some chain on deck.
" 26	Waipu, Auckland	T. Coleman, A.B.	Injured arm	At sea	Result of a fall.
" 26	Tasman, Auckland, 115186	H. Sauer, 2nd mate	Injured face	Whakatane	When shipping bullocks one of them struck him with its horn.
" 28	Dagmar, Norway	Johan Rassawold, O.S.	Broken leg	Westport	A bucket containing ballast fell on his left leg.
May 2	Rarawa, Auckland, 115207	M. Riley, A.B.	Injured hand	New Plymouth	Injured by striking against a tin box.
" 5	Hapai, Auckland	A. Reid, A.B.	Injured foot	At sea	Struck foot against a bucket.
" 6	Weka, Napier, 37115	W. G. Lovell, mate	Broken leg	Port Ahuriri	Struck by a piece of falling timber.
" 9	Waiohahi, Auckland, 94250	J. Shirley, O.S.	Injured foot	Auckland	When coaling, the portable tramway fell and struck his foot.
" 9	Maheno, Dunedin, 117588	A. F. Clearwater, trimmer	Scalded	Auckland	Whilst carrying a tin of hot food, he slipped down a ladder.
" 10	Maitai, Dunedin, 101935	J. Roberts, cook	Injured arm	At sea	Struck by a sea and thrown against deck cargo.
" 11	Awanui, Auckland, 94237	E. Erickson, A.B.	Injured thumb	Gisborne	Torn by wire rope.
" 14	Indrakema, Liverpool, 113469	A. Berry, A.B.	Bruised, &c.	Auckland	Fell down after-hold and severely injured himself internally.
" 19	Drayton Grange, London, 114064	E. Wright, A.B.	Internal injuries	At sea	Knocked down by a sea.
" 24	Flora, Hobart, 82526	H. Anderson, A.B.	Bruised	Westport	Fell through hatch.
June 5	Navua, Dunedin, 117583	R. Staples, A.B.	Strained	Auckland	Slipped and fell whilst hauling a mooring-chain ashore.
" 6	Moana, Dunedin, 101479	L. Burgoyne, steward	Injured thumb	Auckland	Ran a splinter into his thumb, causing diseased bone.
" 7	Maheno, Dunedin, 117588	W. Lafferty, trimmer	Crushed finger	Auckland	Lid of ash-ejector fell on his hand.
" 10	Waiohahi, Auckland, 94250	J. Laurie, A.B.	Injured back	Auckland	Struck by a sling of cargo.
" 10	Rarawa, Auckland, 115207	T. W. Mitchell, A.B.	Injured hand	Auckland	Caused by a mooring-line slipping out of a chock.
" 12	Flora, Hobart, 82526	J. Gomey, A.B.	Injured hand	Auckland	When heaving boat up, got his hand jammed in the block.
" 15	Echunga, London, 125625	Charles Matheson, A.B.	Fatal	Lyttelton	Whilst putting on the hatches, fell down the hold and broke neck. Verdict, "Accidental death."

June 15	Bell Flower, Auckland, 117656	F. Whitehouse, cook	Cut finger	Dunedin	Chopped it with an axe.
" 17	Kotiti, Auckland, 102306	W. Hoskin, O.S.	Injured finger	Dunedin	Jammed in timber.
" 18	Dredge 222, Dunedin, 84494	Findley Martin, deck hand	Fatal	Dunedin	Was caught in the machinery of the dredge and fatally injured.
" 20	Trapp, Auckland, 102344	R. Wassel, A.B.	Injured hand	Auckland	A piece of rusty wire ran into his hand.
" 23	Kiripaka, Auckland, 102275	R. Barrie, A.B.	Injured knee	Wellington	A rusty nail ran into his knee.
July 1	Jane Douglas, Lyttelton, 37110	T. Andreassin	Injured leg	Hokitika	Bruised when loading sleepers.
" 3	Gertie, Wellington, 97443	G. E. Cahill, A.B.	Injured foot	Westport	Slipped on a piece of rope.
" 7	Arakura, Dunedin, 117587	C. Craig, fireman	Injured hand	Wellington	Had a cut on his hand, went to work in the bilges and poisoned it.
" 8	Mokoia, Dunedin, 101483	P. Murphy, fireman	Burnt arm	At sea	Occurred whilst slicing the fires.
" 9	Bravo, Auckland, 102291	A. Anderson, A.B.	Burnt arm	Auckland	When lighting donkey fire, flame blew back in his face and hands.
" 11	Wanderer, Auckland, 115209	S. Sante, O.S.	Injured wrist	Auckland	Struck by handle of winch.
" 11	Apouriri, Auckland, 122909	J. Bartlett, A.B.	Injured head	Auckland	Jammed in tackle.
" 14	Flora, Hobart, 82526	G. Peterson, A.B.	Injured thumb	Tuparoro	Struck foot against bulkhead.
" 15	Moeraki, Dunedin, 101488	T. Cumming, steward	Injured foot	Hobart	Struck by a sling of cargo.
" 16	Kameri, Auckland, 84490	C. Stream, A.B.	Injured head	Auckland	Injured whilst loading sheep.
" 16	Apouriri, Auckland, 122909	J. Anderson, A.B.	Injured knee	At sea	Slipped in stokehold.
" 17	Navua, Dunedin, 117583	D. Delvin, fireman	Injured leg	At sea	Slipped and fell.
" 18	Apouriri, Auckland, 122909	F. Crumlish, A.B.	Injured elbow	Auckland	Nail ran into his foot.
" 20	Energy, Auckland, 102320	S. Martin	Injured foot	Hobson Bay	A sling of cement fell on him.
" 23	Moura, Dunedin, 101726	C. Ridings, O.S.	Broken leg	Westport	Fell down hold.
" 25	Rakanoa, Dunedin, 101477	H. Anderson, A.B.	Internal injuries	Lyttelton	Fell off the fidley.
" 27	Kahu, Napier, 37116	J. McConnell, A.B.	Injured back	Napier	Jammed when lashing timber.
" 28	Defender, Sydney, 112520	A. Pearcey, fireman	Fractured elbow	At sea	Strained himself when taking in stores.
" 28	Kororiko, Dunedin, 117599	A. McIntyre, A.B.	Injured finger	Auckland	Jammed whilst loading a coal-wagon.
" 30	Mapourika, Dunedin, 101482	J. Collins, assistant cook	Rupture	At sea	Fell on a butcher's steel.
" 30	Tainui, Southampton, 124507	W. Biley, A.B.	Crushed thumb	At sea	Fell in stokehold.
" 30	Wairoa, Auckland, 102271	A. Snell, O.S.	Injured arm	At sea	Accidentally drowned. Supposed to have fallen off wharf.
Aug. 1	Isabella de France, Sydney, 112556	J. Martin, fireman	Injured back	At sea	
" 3	Curlew, Auckland, 122921	F. Whitehouse, cook	Fatal	Dargaville	
" 7	Poherna, Dunedin, 122921	C. Lumney, A.B.	Injured wrist	Whangarei	Fell on the wharf.
" 19	Hauroto, Dunedin, 84479	M. Flanagan, fireman	Injured finger	Wellington	Bruised against donkey boiler.
" 20	Lizzie Taylor, Launceston, 79299	G. Bruce, trimmer	Injured wrist	At sea	Slipped and fell.
" 20	Poherna, Dunedin, 98061	J. E. McIntyre, A.B.	Injured ankle	Timaru	Crushed in timber.
" 20	Pukaki, Dunedin, 84491	T. Ryan, fireman	Injured ankle	At sea	Fell down stokehold-ladder.
" 22	Ganymede, Invercargill, 60041	T. Maloney, fireman	Injured back	Dunedin	Fell on deck whilst carrying coal.
" 24	Kapui, Auckland, 115191	W. Clements, caretaker	Scalded fatally	Dunedin	Whilst testing safety-valve of donkey boiler, Clements slacked the nuts too far, and thus caused escape of steam, which severely scalded him.
" 25	Kotaku, Dunedin, 101484	H. Joynt, mate	Injured thumb	Puhoi	Thumb got caught in line on winch and was taken off at first joint.
" 26	Wakaree, Auckland, 102288	M. Flaherty, A.B.	Injured eye	Onehunga	Whilst splicing a wire rope, a piece of wire injured his eye.
Sept. 4	Kawau, Auckland, 94241	J. Butler, O.S.	Injured hand	Auckland	Splinter of iron ran into hand.
" 9	Saucy Kate, Auckland, 75110	P. Hansen, A.B.	Injured side	Mangawai	Fell against rail.
" 19	Wootton, Sydney, 112500	J. Paine, A.B.	Injured ankle	Hook's Bay	Fell off a plank, and sprained ankle.
" 19	Opawa, Wellington, 91800	F. McIntyre, mate	Injured thigh and ankle	Lyttelton	Fairlead carried away and the towline struck him.
" 21	Hauroto, Dunedin, 84479	W. Roberts, A.B.	Injured ankle	Wellington	Plank fell on him.
" 23	Wanaka, Dunedin, 95018	C. Winters, sculleryman	Injured side	Lyttelton	Hurt side when loading cargo.
" 26	Caopus, Dunedin, 101490	J. Murphy, A.B.	Injured legs	Auckland	Legs got entangled in winch-line and were badly bruised.
" 30	Moeraki, Dunedin, 101488	A. McDonald, A.B.	Burnt arm	Lyttelton	Slipped on the hatch.
Oct. 5	Novelty, Auckland, 127888	M. Anderson, A.B.	Injured hand	Lyttelton	Burnt slightly whilst firing.
				Auckland	Jammed in timber.

RETURN OF ACCIDENTS TO SEAMEN and Others on board Ship reported to the MARINE DEPARTMENT, &c.—continued.

Date of Accident.	Name of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1910.					
Oct. 10	Taviuni, Dunedin, 84500	J. Clark, fireman	Injured ribs	Milford Sound	Fell in stokehold.
" 10	Waverley, Nelson, 69012	A. M. Stuart, mate	Injured back	Grey-mouth	Rails fell from a sling and struck him.
" 13	Wairoa, Auckland, 102271	J. Cullen, fireman	Injured finger	Mangapai	Got his right little finger caught in machinery.
" 15	Mokota, Dunedin, 101483	J. Smith, fireman	Rupture	At sea	Fell in stokehold.
" 18	Kaituna, Dunedin, 120467	W. Fitzgerald, trimmer	Scalded arm	At sea	Vessel shipped a sea, and a burst of steam came from the fire-boxes.
" 19	Moeraki, Dunedin, 101488	W. Miller, A.B.	Injured back and hip	At sea	Shipped from ladder.
" 21	Rimu, Auckland, 105235	J. Draper, A.B.	Injured knee	Whau Creek	Load of bricks fell and struck leg.
" 21	Moeraki, Dunedin, 101488	G. K. Johannessen, A.B.	Injured finger	Hobart	Crushed between crane-guy and horse-stall.
" 24	Warimoo, Dunedin, 101901	P. Munro, trimmer	Injured hand	At sea	Ash-chute door fell on hand.
" 25	Mapourika, Dunedin, 101482	W. Rough, assistant steward	Injured testicles	At sea	Slipped off bunk.
" 31	Muriel, Napier, 121580	J. W. Dephoff	Drowned	Off Cape Kidnappers	Fell overboard. Verdict, "Accidentally drowned."
Nov. 2	Westralia, Melbourne, 106415	T. West, trimmer	Burnt arm	Auckland	When opening furnace-door, arm came in contact with hot plate.
" 2	Invercargill, Dunedin, 84489	H. Hadahl, A.B.	Injured leg	Invercargill	Fell into the hold.
" 7	Koromiko, Dunedin, 117599	James Dagnall, A.B.	General injuries	Port Chalmers	Fell down hold.
" 7	Kopu, Auckland	E. Hecht, 2nd hand	Injured hand	Auckland	Jammed in pig iron which he was loading.
" 8	Mapourika, Dunedin, 101482	W. Watson, assistant steward	Injured ankle	Wellington	Fell off transom.
" 10	Monowai, Dunedin, 84497	A. McLean, fireman	Injured foot	Napier	Crushed whilst assisting to put up condenser-door.
" 12	Kotare, Dunedin, 117667	Charles Stanley, A.B.	Drowned	Waikawa	When taking out keedge-anchor he fell into the river, boat capsizing.
" 15	Squall, Dunedin, 118113	G. Perryman, A.B.	Broken collarbone	Tolago Bay	Whilst surfing wool.
" 16	Taniwha, Auckland, 102302	H. Hunt, A.B.	Injured finger	Paeoa	Crushed whilst loading cargo.
" 19	Wimmers, Melbourne, 120722	H. Lighter, trimmer	Injured leg	At sea	Whilst trimming coal, fell on shovel and cut shin.
" 21	Glansman, Auckland, 87520	G. W. Godfrey, A.B.	Injured leg	Auckland	Some cargo fell on leg.
" 23	Stormbird, Wellington, 31760	P. Trevitchcek, O.S.	Injured ankle	Wellington	Injured whilst loading cargo.
" 25	Aspapwa, Wellington, 108090	H. Geige, A.B.	Bruised	Wellington	A derrick fell on him.
" 26	Hauptiri, Dunedin, 89094	T. Daley, A.B.	Injured hand	Tuparoa	Jammed in boat-fall.
" 27	Warimoo, Dunedin, 101901	D. Sullivan, fireman	Injured finger	At sea	Struck right hand against stokehold-ladder and crushed bone of forefinger, necessitating amputation.
Dec. 7	Koonya, Dunedin, 109641	Roderick McNeill, A.B.	Injured hand	Dunedin	Whilst splicing wire, marine-spike slipped and ran into his hand.
" 10	Pukaki, Dunedin, 84491	W. Nicholls, fireman	Internal injuries	Timaru	Was struck in the stomach by the fire-slice.
" 12	Kaitoa, Nelson, 93995	J. H. Williams, O.S.	Injured testicle	Wellington	Slipped and fell.
" 12	Mararua, Dunedin, 89380	C. E. Rice, A.B.	Injured back	Lyttelton	Fell whilst working on boat-deck.
" 15	Wootton, Sydney, 112500	T. Gannick, fireman	Injured back	Lyttelton	Slipped and struck a deck-chair.
" 17	Pukaki, Dunedin, 84491	C. Hasler, A.B.	Fatal	Timaru	Crushed by a stack of flour falling on him.
" 19	Maheno, Dunedin, 117588	J. Smith, trimmer	Burns	At sea	Flame from furnace blew out and burnt arm.
" 19	Mans, Wellington, 91781	B. Hampson, A.B.	Injured hand	Sydney	A block fell on his hand.
" 19	"	J. Hughes, A.B.	Injured leg	Patea	Bruised by a cask of cement.
" 21	Patena, Launceston, 79262	W. McLean, A.B.	Injured knee	Nelson	Struck by mooring-rope.
" 26	Baere, Auckland, 115193	C. Douglas, A.B.	Injured foot	Whangaroa	Whilst loading posts, one fell on foot.
" 28	Ngatiawa, Auckland, 122916	L. Winters, O.S.	Crushed hand	Auckland	Jammed when attending to a cork fender.

Dec. 30 1911.	Ngatoro, Glasgow, 128651	H. M. McDermit, 1st mate	Rupture	At sea ..	Slipped and fell.
Jan. 1	Rimu, Auckland, 103235	F. Flinkenburg, A.B.	Injured foot	Onehunga	A chute slipped and fell on foot.
" 1	Waioatahi, Auckland, 94250	P. C. Willis, A.B.	Broken rib	Auckland	Slipped and fell against rail.
" 2	Hauptiri, Dunedin, 89094	M. Edwardson, A.B.	Poisoned hand	Tuparoa	Scratched by rusty iron.
" 10	Mararua, Dunedin, 89380	J. Guillet, scullion	Injured arm	At sea ..	A door swung against his arm
" 12	" "	J. Catterall, fireman	Sprained ankle	Dunedin	Slipped and fell.
" 13	Tarawera, Dunedin, 84480	L. Ruston, A.B.	Rupture	Dunedin	Whilst shifting a hoghead of beer, he ruptured himself.
" 13	Vulcan, Dunedin ..	John Burns, deck hand	Fatal	Dunedin	Whilst fixing a pipe, came in contact with a live electric wire.
" 14	Pukaki, Dunedin, 84491	G. Adlard, greaser	Injured knee	At sea ..	Vertebral .. Accidental death.
" 19	Ngatiawa, Auckland, 122916	G. McCallum, A.B.	Injured foot	Opotiki ..	Knocked against furnace-door.
" 23	Kurow, Dunedin, 127804	A. Doughty, fireman	Injured head	Westport	A truck fell on his foot.
" 30	Holmdale, Wellington, 117677	J. Hartland, A.B.	Injured hand	Port Chalmers	Struck his head against engine-room door.
Feb. 2	Mopourika, Dunedin, 101482	F. Norman, fireman	Scalded	At sea ..	Jammed against hatch-coamings by sling of cargo.
" 4	Pukaki, Dunedin, 84491	A. Reed, 2nd officer	Bruises	Westport	By breaking of steam-gauge glass.
" 4	Huia, Auckland, 102268	D. McIvor, A.B.	Broken leg	Dargaville	Struck by a wire line flying off hook.
" 7	Pateona, Launceston, 79262	L. Hagan, scullion	Cut hand	At sea ..	Fell amongst some timber on deck.
" 12	Maheno, Dunedin, 117588	P. Carter, trimmer	Injured back	At sea ..	Knife slipped.
" 18	Wairau, Lyttelton, 76076	O. Jacobsen, A.B.	Injured back	Blenheim	Some coal fell on him.
" 21	Waipori, Dunedin, 101485	J. Johansen, A.B.	Injured arm	Lyttelton	Strained whilst working cargo.
" 26	Mokoa, Dunedin, 101483	W. Rowan, trimmer	Injured back	At sea ..	Injured by piece of wire.
" 26	" "	C. Grieve, O.S.	Injured hand	At sea ..	Struck by a bag of ashes.
" 27	Mararua, Dunedin, 89380	N. Bennett, O.S.	Injured leg	Lyttelton	Fell over deck cargo.
Mar. 1	Mopourika, Dunedin, 101488	J. J. Hood, O.S.	Injured knee	Lyttelton	Knocked against coamings of hatch.
" 3	Maheno, Dunedin, 117588	G. Cashman, carpenter	Injured arm	At sea ..	Scullery-door swung to and hit him.
" 14	Rarawa, Auckland, 115207	J. Viscovisch, A.B.	Injured foot	Sydney ..	Fell into hold from 'tween decks.
" 15	Clan Menzies, Glasgow, 105979	Lawrence Augesen, fireman	Fatal	New Plymouth	Stanchion fell on foot.
" 19	Eunice, Lyttelton, 102343	M. Fitzgerald, A.B.	Fatal	Pictou ..	Dived off wharf into shallow water and dislocated his spine.
" 23	Warrimoo, Dunedin, 101901	J. Barry, trimmer	Injured back	Lyttelton	Dived off ship for bathe, and was drowned.
" 24	Tasman, Auckland, 115196	J. Prens, A.B.	Injured back	At sea ..	Fell against ash-chute.
" "	" "	" "	" "	Auckland	Strained in lifting a case.

## RETURN showing AMOUNTS paid to SICK and DISABLED SEAMEN under Section 119 of the Shipping and Seamen Act, 1908, for the Year ended 31st March, 1911.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.
			£ s. d.
Adlard, G.	Pukaki	Injured knee	16 1 9
Aldo, A.	Wakatu	Pleurisy	36 14 6
Anderson, A.	Nikau	Bronchitis	16 14 0
Anderson, A.	Bravo	Burns	10 16 4
Anderson, J.	Aupouri	Injured knee	40 5 0
Anderson, M.	Novelty	" hand	8 14 6
Andreason, T.	Jane Douglas	Bruised leg	19 14 4
Andrews, C.	Corinna	Vertigo	16 10 0
Auvray, A.	Waikonini	Injured leg	5 4 8
Barry, J.	Warrimoo	Ricked back	8 1 8
Barrie, R.	Kiripaka	Injured knee	18 16 2
Bartlett, J.	Aupouri	" head	10 11 4
Bennett, N.	Mararoa	" leg	4 10 2
Berry, A.	Indralema	Fall into hold	9 2 6
Black, J. A.	Holmdale	Injured hand	16 14 0
Borrie, T.	Tarawera	Gastritis	36 9 0
Bruce, G.	Hauroto	Injured wrist	7 16 6
Burgoyne, L.	Moana	Poisoned thumb	5 9 4
Cappock, F.	Mokoia	Appendicitis	16 5 0
Calvill, G. E.	Gertie	Injured foot	4 15 0
Carmichael, R.	Taviuni	Petitmal	10 7 0
Cashman, G.	Maheno	Injured arm	6 2 6
Carroll, H.	Defender	Inflammation of lungs	12 14 2
Catterall, J.	Mararoa	Sprained ankle	15 7 0
Clark, J.	Taviuni	Bruised ribs	7 10 0
Clearwater, A. F.	Maheno	Scalded	33 8 4
Clegg, D.	Hauroto	Inflamed leg	17 12 0
Clunies, A. J.	Mapourika	Amputated leg	48 10 4
Chalmers, J.	Moeraki	Scalded	3 16 10
Coleman, T.	Monowai	Crushed finger	12 3 0
Coleman, T.	Waipu	Injured arm	1 5 0
Collier, S.	Hauroto	Enlarged gland of neck	46 8 3
Collins, J.	Koromiko	Rupture	21 14 10
Couley, F.	Helen Denny	Rheumatism	16 0 4
Craig, C.	Arahura	Injured hand	13 13 0
Crynes, J. H.	County of Inverness	Tuberculous peritonitis (fatal)	47 2 6
Cullen, J.	Wairoa	Crushed finger	5 10 10
Cumming, A.	Moeraki	Injured foot	9 1 4
Daley, T.	Hauptiri	" hand	8 9 0
Dillet, G. E.	Mimiro	Poisoned hand	2 0 8
Doughty, A.	Kurow	Injured head	15 10 4
Douglas, C.	Haere	" foot	7 0 10
Douglas, J.	Waipori	Lumbago	11 17 5
Draper, J.	Rimu	Injured leg	8 14 0
Elliott, E.	Pukaki	Congestion of lungs	13 19 0
Elliott, G.	Kaitangata	Constipation	12 16 1
Erickson, E.	Awanui	Injured thumb	31 18 0
Everett, A. E.	Monowai	Influenza	4 14 0
Fitzgerald, W.	Kaituna	Scalded arm	18 14 5
Flaherty, M.	Kotuku	Injured eye	17 13 8
Flinkenberg, F.	Rimu	" foot	8 16 2
Flanagan, M.	Poherua	" finger	9 10 6
Foster, P. J.	Wanaka	Stricture	24 7 4
Furhmann, E.	Ngaru	Ulcerated eyes	8 15 11
Garrick, T.	Wootton	Injured back	16 4 8
Gomey, J.	Flora	" hand	5 15 8
Grant, C.	Ruapehu	Pneumonia (fatal)	24 7 2
Gray, W.	Poherua	Burns	12 12 0
Green, William	Holmdale	Hernia	25 9 10
Grey, W. E.	Arahura	Sciatica	11 15 6
Groomes, P.	Clyde	Tonsilitis	4 0 0
Grieve, C.	Mokoia	Injured hand	4 13 4
Guillett, J.	Mararoa	" arm	5 16 0
Guyton, H.	Wanaka	Appendicitis	29 9 0
Hagan, L.	Pateena	Cut hand	5 7 4
Hall, J.	Victoria	Bronchitis	8 14 0
Hampson, B.	Maheno	Injured hand	9 7 0
Hanson, P.	Kawau	" side	5 6 4
Hart, A.	Arahura	Inflammation of eye	7 11 0
Harland, J.	Holmdale	Injured hand	17 14 6
Hasler, C.	Pukaki	Killed by fall of cargo	6 10 9
Heather, H.	Kini	Injured face	15 14 0
Hecht, E.	Kopu	" hand	20 18 0
Hodgson, H.	Monowai	Pneumonia	8 1 0
Hood, J. J.	Mapourika	Injured knee	5 6 0
Hoskin, W.	Kotiti	" finger	10 15 0
Hughes, J.	Mana	" leg	24 7 7
Hunt, H.	Taniwha	Crushed finger	7 13 0
Jacobson, O.	Wairau	Injured back	14 12 6
Jean, A.	Lizzie Taylor	" finger	2 11 0
Jensen, C.	Alexander	Inflammation of lungs	10 11 8

RETURN showing AMOUNTS paid to SICK and DISABLED SEAMEN—*continued.*

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.
			£ s. d.
Johannessen, G. ..	Moeraki ..	Crushed finger ..	20 13 4
Johansen, J. ..	Waipori ..	Injured arm ..	9 0 0
Johnsen, M. ..	Patea ..	" ..	11 5 0
Jones, E. A. ..	Star of Scotland ..	" ..	10 3 6
Joynt, H. ..	Kapui ..	Injured thumb ..	27 13 6
Kemp, A. ..	Queen of the South ..	" back ..	7 9 8
Kemp, A. H. ..	Vermont ..	Appendicitis ..	14 16 0
King, J. ..	Monowai ..	Injured back ..	3 12 8
Konig, W. ..	Kaitoa ..	Fistula ..	28 18 6
Lighter, H. ..	Wimera ..	Injured leg ..	8 4 4
Linnen, G. ..	Maori ..	Rupture ..	8 2 0
Long, J. ..	Matatua ..	Abscess on brain ..	*21 19 0
Lovell, W. G. ..	Weka ..	Broken leg ..	30 0 0
Lovell, W. ..	Te Anau ..	Pleurisy ..	25 4 7
Lowe, G. ..	Corinna ..	Abscess in ear ..	11 5 0
Lundberg, C. ..	Ulimaroa ..	Injured testicles ..	16 9 0
Luke, T. ..	Maori ..	Sprained ankle ..	3 3 0
Lyons, T. ..	Defender ..	Gastritis ..	8 10 6
Malmquest, C. ..	Akaroa ..	Pneumonia (fatal) ..	10 3 0
Maloney, T. ..	Pukaki ..	Strained back ..	37 4 2
Mannent, H. ..	Maori ..	Pneumonia ..	27 13 0
Martin, J. ..	Wairoa ..	Injured back ..	9 5 10
Mathison, C. ..	Echunga ..	Fall down hold (fatal) ..	9 0 0
Macindoe, F. ..	Rarawa ..	Pleurisy ..	22 8 2
McCallum, G. ..	Ngatiawa ..	Injured foot ..	7 6 6
McCann, J. ..	Moeraki ..	Muscular rheumatism ..	8 12 6
McConnell, — ..	Rakanoa ..	Injured arm and back ..	20 3 6
McDermitt, H. ..	Ngatoro ..	Rupture ..	29 10 0
McDonald, A. ..	Mokoia ..	Asthma ..	11 19 7
McDonald, A. ..	Canopus ..	Injured wrist ..	26 13 0
McDonald, H. ..	Nikau ..	" back ..	12 17 4
McDonald, D. ..	Maori ..	Bad eye ..	22 18 0
McEwan, G. ..	Waimea ..	Pleurisy ..	4 6 0
McFarlane, J. ..	Kaiapoi ..	Gastritis ..	6 11 0
McIntyre, A. ..	Defender ..	Injured finger ..	9 13 7
McIntyre, J. E. ..	Lizzie Taylor ..	Crushed ankle ..	18 1 0
McIntyre, O. F. ..	Wootton ..	Injured thigh and ankle ..	34 10 0
McIvor, D. ..	Huia ..	Broken leg ..	20 9 8
McLean, A. ..	Monowai ..	Crushed foot ..	11 19 0
McLean, J. ..	Jessie Craig ..	Typhoid fever ..	50 0 0
McLean, J. ..	Rotoiti ..	Concussion ..	13 14 4
McLean, W. ..	Patea ..	Injured knee ..	32 5 10
McNeill, R. ..	Koonya ..	" hand ..	6 17 4
McPhee, A. ..	Alexander ..	Broken leg ..	26 9 4
Meskill, J. ..	Kurow ..	Malarial fever ..	14 7 11
Miller, W. ..	Moeraki ..	Fall into hold ..	8 15 2
Mitchell, J. ..	Rarawa ..	Injured hands ..	8 3 1
Morrison, H. ..	Atalanta ..	Rheumatic fever ..	5 15 0
Munro, P. ..	Warrimoo ..	Injured hand ..	6 13 10
Murphy, J. ..	Mapourika ..	Infuenza ..	11 4 0
Murphy, P. ..	Mokoia ..	Burnt arm ..	10 11 0
Murphy, J. ..	Wanaka ..	Injured legs ..	13 6 0
Nickolls, W. ..	Pukaki ..	Internal injuries ..	49 10 0
Norman, F. ..	Mapourika ..	Scalded leg ..	9 16 6
Ohlgren, G. ..	Kapiti ..	Injured foot ..	10 11 8
Paine, J. ..	Saucy Kate ..	Sprained ankle ..	9 5 8
Partridge, E. ..	Ngapuhi ..	Pleurisy ..	29 0 10
Pearcy, A. ..	Kahu ..	Fractured elbow ..	29 10 2
Perriman, G. ..	Squall ..	Broken collarbone ..	25 13 9
Petersen, A. P. ..	Annie Hill ..	Chest trouble ..	7 19 6
Petersen, G. ..	Flora ..	Injured thumb ..	16 1 4
Pirens, J. ..	Tasman ..	Injured back ..	10 10 4
Pitt, A. ..	Kaipara ..	Inflammation of bladder ..	11 0 0
Pollard, V. ..	Tarawera ..	Sprained ankle ..	4 15 0
Raston, L. ..	Tarawera ..	Rupture ..	14 11 10
Reed, A. ..	Pukaki ..	Bruised ..	14 17 9
Reid, A. ..	Hapai ..	Injured foot ..	1 0 0
Rells, R. ..	Te Aroha ..	" back ..	11 17 0
Rice, E. ..	Mararoa ..	" ..	13 5 11
Ridling, C. ..	Energy ..	Broken leg ..	11 10 0
Riley, C. ..	Manuka ..	Gastritis ..	5 10 0
Riley, M. ..	Rarawa ..	Injured hand ..	11 2 0
Riley, W. ..	Mapourika ..	" thumb ..	17 10 0
Roberts, J. ..	Maitai ..	" arm ..	21 2 0
Roberts, W. ..	Opawa ..	Bruised ankle ..	23 4 4
Robson, J. A. ..	Poherua ..	Gastritis ..	16 6 4
Ross, W. ..	Manuka ..	Cancer ..	25 13 0
Rough, W. ..	Mapourika ..	Injured testicles ..	16 0 4
Rowan, R. ..	Mokoia ..	" back ..	10 17 2

\* And passage to United Kingdom.

## RETURN showing AMOUNTS paid to SICK and DISABLED SEAMEN—continued.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.
			£ s. d.
Ryan, F.	Poherua	Bruised ankle	45 15 0
Ruthberg, F. W.	Mararoa	Hæmorrhage	10 17 2
Russell, T.	Koonya	Bronchitis	11 4 0
Sauer, H.	Tasman	Injured jaw	11 10 10
Scott, T.	Huia	Strained back	8 1 4
Shwarz, H.	Koonya	Internal disorder	12 1 4
Shirley, F.	Wakatu	Bronchitis	10 9 10
Skelton, W.	Maori	Cut arm	37 17 8
Smith, A.	Corinthic	Pneumonia (fatal)	9 11 0
Smith, J.	Maheno	Burns	6 12 6
Smith, J.	Mokoia	Rupture	13 14 6
Snell, A.	Tainui	Injured arm	18 7 6
Spence, T. W.	Manaroa	Skin-affection	18 1 0
Staples, R.	Navua	Severely strained	4 0 8
Starr, H.	Opawa	Injured back	19 5 8
Stewart, W.	Clan Menzies	Hæmorrhoids	6 18 0
Strange, W. D.	Uimaroa	Typhoid fever	28 14 4
Stream, C.	Kanieri	Injured head	2 8 4
Stuart, A. M.	Waverley	Crushed	14 19 0
Sullivan, D.	Warrimoo	Injured hand	30 6 0
Sullivan, J.	Ngapuhi	Pleurisy	14 18 4
Swenson, C.	Nerehana	Tumour	9 3 2
Tenzen, H.	Poherua	Ulcerated stomach	24 10 2
Thomas, C.	Pateena	Lumbago	12 12 8
Thompson, A.	Monowai	Bronchitis	9 9 0
Trevitcheck, P.	Stormbird	Injured ankle	5 15 10
Tubert, A.	Echo	Influenza	11 15 2
Wadley, G.	Mokoia	Severe cold	5 17 2
Wagstaffe, R.	Mararoa	Diphtheria	6 1 6
Walker, E.	Kahu	Bronchitis	17 8 0
Ward, W.	Poherua	Eczema	32 8 0
Warren, H.	Delphic	Pleurisy	15 0 0
Wassel, R.	Tramp	Injured hand	3 3 0
Watson, W.	Mapourika	Sprained ankle	7 11 4
West, T.	Westralia	Burnt arm	5 8 2
Welch, W. D.	Rakanoa	Bronchitis	6 15 4
Whitehouse, F.	Bell Flower	Cut finger	6 2 2
Williams, J. H.	Kaitoa	Injured testicle	23 12 6
Willis, P. C.	Waiotahi	Broken ribs	4 18 6
Winberg, A.	Mana	Influenza	5 4 4
Winters, C.	Hauroto	Injured side	26 0 0
Winters, L.	Ngatiawa	Crushed hand	12 6 8
Winton, W.	Moeraki	„ finger	8 5 0
Wood, D. E.	Afghanistan	Jaundice	3 14 0
Wooton, W.	Navua	Tonsilitis	5 19 6
Wright, E.	Drayton Grange	Internal injuries	9 5 0
Wynech, W.	Tomoana	Mumps	15 13 10
		Total	£3,057 7 10



RETURN of CONVICTIONS of SEAMEN, &c., for Offences against the Provisions of the Shipping and Seamen Act, under Proceedings taken by Masters and Others, reported to the Marine Department during the Year ended 31st March, 1911.

Name of Person.	Position held.	Ship.	Particulars of Offence, &c.	Date of Conviction.	Penalty imposed.
Aldice, Thos.	Fireman	Peparoa	Absent without leave	5/9/10	Seven days' imprisonment.
Atkin, R.	Fireman	Kaikoura	Assaulting the cook	1/11/10	Fined £1, or four days' imprisonment.
Brown, T.	A.B.	Drayton Grange	Absent without leave	31/12/10	Fined two days' pay.
Brown, W.	Greaser	Drayton Grange	Disobeying lawful commands	29/11/10	One month's imprisonment.
Barry, P.	Fireman	Tokomaru	Absent without leave	19/5/10	Fined £1, or two days' imprisonment.
Bruce, George	Fireman	Monowai	Drunk and disorderly	2/1/11	Fined £1 and costs
Barnard, E.	A.B.	Louisa Craig	Absent without leave	28/5/10	Fined £1 1s. 6d.
Bromley, L.	A.B.	Louisa Craig	Absent without leave	28/5/10	Fined £1 1s. 6d.
Cennann, G.	A.B.	Doride	Desertion	15/4/10	Detained in custody until sailing of the vessel.
Carney, James	Fireman	Rangitira	Absent without leave	1/9/10	Seven days' imprisonment, and fined two days' wages, and costs.
Clark, E.	A.B.	Athenic	Drunk, obscene language, and wilfully damaging a cab	1/9/10	Fined £1 12s. 6d.
Crawley, E.	Greaser	Tokomaru	Assaulting chief officer	18/11/10	One month's imprisonment.
Campbell, M.	Fireman	Maheno	Drunk and indecent	21/12/10	Twenty-four hours' imprisonment.
Connolly, P.	A.B.	Arawa	False declaration	9/1/11	Fined £2, or fourteen days' imprisonment.
Dempsey, Robert	Boatswain	Opawa	Assaulting donkeyman	11/11/09	Fined 10s., and 7s. costs.
Dagnall, James	A.B.	Star of Canada	Obstructing police	22/8/10	Fined £2, or seven days' imprisonment.
Dwyer, P.	A.B.	Cornwall	Absent without leave	3/10/10	Three days' imprisonment, and pay costs.
Dwyer, P.	A.B.	Cornwall	Drunk, resisting police, obscene language, and damaging uniform	7/10/10	Three months' imprisonment.
Duffie, J.	Fireman	Tokomaru	Disobeying lawful commands	18/11/10	Fined £1, and 7s. costs.
Dunstan, S.	Fireman	Rimutaka	Desertion	3/2/11	One month's imprisonment, but placed on board before sailing.
Duncan, G. T.	Scullion	Rimutaka	Absent without leave	1/8/10	Fined two days' pay, and 7s. costs, or two days' imprisonment
Driscoll, P.	A.B.	Ruapehu	Absent without leave	14/12/10	Fined 10s., and costs 7s., or two days' imprisonment.
Eite, John	A.B.	Annie Hill	Disobeying lawful commands	17/8/10	Fined 10s., and costs £1 1s., and to pay substitute 12s.
Emanders, M.	A.B.	Kaipara	Absent without leave	10/1/11	Three days' imprisonment, and costs 7s.
Emanders, M.	A.B.	Kaipara	Disobeying lawful commands	14/1/11	Two months' imprisonment, and costs 11s. 3d.
Fliitt, J.	Boatswain's mate	Ruapehu	Desertion	14/12/10	Two days' imprisonment.
Gormsall, B.	A.B.	Cornwall	Absent without leave	3/10/10	Three days' imprisonment and costs.
Giddien, Charles	A.B.	Kaipara	Absent without leave	10/1/11	Three days' imprisonment, and 7s. costs.
Hall, Frank	A.B.	Karamea	Absent without leave	2/8/10	Twenty-four hours' imprisonment, and to be placed on board.
Hyne, Charles	Steward	Monowai	Drunk and disorderly	28/3/11	Fined £1 and costs.
Jones, Otto	Fireman	Bramley	Disobeying lawful commands	20/4/10	Fined £1 and costs.
Jones, Arthur	A.B.	Karamea	Absent without leave	2/8/10	Twenty-four hours' imprisonment, and to be placed on board.
Kellett, Thomas	A.B.	Sterling	Refusing duty on high seas	10/9/10	Fined £5, and costs 7s.
King, Arthur	A.B.	Kaipara	Absent without leave	10/1/11	Three days' imprisonment, and 7s. costs.
King, Arthur	A.B.	Kaipara	Disobeying lawful commands	14/1/11	Two months' imprisonment, and costs 11s. 3d.
Lambert, J.	Fireman	Otaki	Absent without leave	22/10/10	Fined two days' pay, and costs 7s.
Logan, W.	Fireman	Arawa	Desertion	2/1/11	Fourteen days' imprisonment, and to pay expenses £2.
Legg, A. E.	A.B.	Rimutaka	Absent without leave	27/2/11	Fined two days' pay, and costs 7s., or one day's imprisonment.

## RETURN OF CONVICTIONS OF SEAMEN &amp;c., for Offences against the Provisions of the Shipping and Seamen Act. No. —continued.

Name of Person	Position held.	Ship.	Particulars of Offence, &c.	Date of Conviction.	Penalty imposed.
Mathieson, W.	A.B.	Louisa Craig	Absent without leave	28/5/10	Fined £1 1s. 6d.
McCormack, T. P.	A.B.	Waimate	Indecency and assaulting constable	22/8/10	Fourteen days' imprisonment for indecency, fined 10s. and ordered to pay for damage to constable's uniform, in default a further fourteen days' imprisonment.
McCormack, T. P.	A.B.	Waimate	Neglect of duty and assaulting boatswain	15/6/10	Fined £1 10s., and costs 7s.
McIndoe, J.	Trimmer	Cornwall	Absent without leave	3/10/10	Three days' imprisonment, and to pay costs.
McDonald, J.	Grosser	Cornwall	Absent without leave	3/10/10	Three days' imprisonment, and to pay costs.
McEwan, W.	Fireman	Corinthie	Assaulting second engineer	31/10/10	Fined £1, or seven days' imprisonment.
McLean, N.	Fireman	Morayshire	Desertion	1/11/10	Fined 10s., and 7s. costs, or two days' imprisonment.
Nicholson, J.	A.B.	Clan McLaren	Desertion	31/12/10	One month's imprisonment.
Ogilvy, G.	A.B.	Louisa Craig	Absent without leave	28/5/10	Fined £1 1s. 6d.
O'Neill, L.	A.B.	Cornwall	Drunk	5/10/10	Fined £1, or two days' imprisonment.
O'Neill, L.	A.B.	Cornwall	Absent without leave	3/10/10	Three days' imprisonment, and pay costs.
O'Neill, J.	A.B.	Kumara	Absent without leave	29/3/11	Fined two days' pay, and costs 7s.
Quinn, T.	Fireman	Clan Grant	Desertion	14/2/11	One month's imprisonment.
Ross, Charles	Fireman	Waimate	Bad language	15/6/10	Fined 5s., and costs 7s.
Rowland, G.	Trimmer	Tongariro	Absent without leave	15/10/10	Detained until departure of vessel: prohibited immigrant.
Ridout, Thomas	A.B.	Kaipara	Absent without leave	10/1/11	Three days' imprisonment, and costs 7s.
Ridout, Thomas	A.B.	Kaipara	Disobeying lawful commands	14/1/11	Two months' imprisonment, and 11s. 3d. costs.
Richardson, V.	A.B.	Indraghiri	False declaration	3/9/10	One month's imprisonment.
Regan, P.	Fireman	Otaki	Absent without leave	31/12/10	Fined two days' pay.
Smith, John	A.B.	Waddon	Theft of books and breaking window	30/9/10	Fined £2, and to pay 10s. damages, or seven days' imprisonment.
Sheridan, T.	Fireman	Cornwall	Absent without leave	3/10/10	Three days' imprisonment, and to pay costs.
Stewart, George	Boatswain	Rimutaka	Embezzling cargo	20/1/11	Fined £2 10s., and 7s. costs, or one month's imprisonment.
Steen, T.	A.B.	Kaipara	Absent without leave	10/1/11	Three days' imprisonment, and costs 7s.
Smith, William	Fireman	Monowai	Drunk and disorderly	2/1/11	Fined £1 and costs.
Schmidt, P.	Fireman	Rimutaka	Desertion	7/2/11	One month's imprisonment, or placed on board before vessel's departure.
Smith, A.	Fireman	Surrey	Assault	1/3/11	Fined £5 and costs, or two months' imprisonment.
Stullway, John	Fireman	Surrey	Assault	1/3/11	Fined £5 and costs, or two months' imprisonment.
Stewart, William	Fireman	Surrey	Assault	1/3/11	Fined £5 and costs, or two months' imprisonment.
Spiers, A.	Steward	Monowai	Drunk and disorderly	28/3/11	Fined £5 and costs, or two months' imprisonment.
Steen, T.	A.B.	Kaipara	Disobeying lawful commands	14/1/11	Fined 10s. and costs.
Symons, J.	Fireman	Turakina	Desertion	6/3/11	Two months' imprisonment, and 11s. 3d. costs.
Taylor, J. E.	Fireman	Opawa	Disobeying lawful commands	29/4/10	One month's imprisonment.
Uncella, Raffaeli	A.B.	Doride	Desertion	15/4/10	Fined 10s., and costs 17s.
Williamson, R.	Fireman	Otaki	Absent without leave	22/10/10	To be detained in custody until sailing of vessel.
West, T.	Fireman	Gertie	Assaulting chief engineer	23/1/11	Fined two days' pay, and 7s. costs.
Vincent, E.	A.B.	Rimutaka	Absent without leave	27/2/11	Fined two days' pay, and costs 7s., or one day's imprisonment.

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1911.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Francis William Heriot .. .. .	Second mate ..	Foreign trade ..	11 May, 1910 ..	1110
Albert Esdale Haydn .. .. .	" ..	" ..	11 " ..	1111
Thomas Alcock Zarey .. .. .	" .. steam	" ..	11 " ..	1112
Alfred Reed .. .. .	Master ..	" ..	13 " ..	1031
Walter Frederick Suckling .. .. .	Second mate ..	" ..	19 " ..	1113
Frank Selwyn Horn .. .. .	Extra master ..	" ..	19 " ..	1114
Geoffrey William Airey .. .. .	Master ..	" ..	19 " ..	1115
Newton Campbell .. .. .	" .. steam	" ..	6 June, ..	1116
Charles James Townsend Hatfield .. .. .	Second mate ..	" ..	12 July, ..	1117
Archie Howard Brooks .. .. .	First mate ..	" ..	16 " ..	1060
Arthur Lovat Fraser .. .. .	Second mate ..	" ..	26 Aug., ..	1118
Ross Clark .. .. .	" ..	" ..	26 " ..	1119
Henry Edgar Rutter .. .. .	Master ..	" ..	26 " ..	1040
Mathew Lapham Singleton .. .. .	" ..	" ..	6 Sept., ..	1120
James Whatmore Parsonson .. .. .	First mate ..	" ..	7 " ..	1092
William Robert Chaplin .. .. .	" ..	" ..	16 " ..	1121
Albert Jules Aucher .. .. .	Master ..	" ..	16 " ..	1122
John Stewart Gilchrist Reid .. .. .	First mate ..	" ..	27 " ..	1123
Alexander James Rountree Barr .. .. .	Master ..	" ..	27 " ..	1009
Hugh Clement Benson .. .. .	Second mate ..	" ..	8 Oct., ..	1124
George MacDonald .. .. .	" ..	" ..	11 Nov., ..	1125
William Burch .. .. .	Master ..	" ..	11 " ..	1126
William Aylmer Beswick .. .. .	" ..	" ..	23 " ..	965
William Jarvie .. .. .	Second mate ..	" ..	23 " ..	1127
Edward Carlyon Vellenoweth .. .. .	Master ..	" ..	23 " ..	1030
Herbert Oekenden .. .. .	" ..	" ..	2 Dec., ..	1015
Selwyn Athol Chatfield .. .. .	Second mate ..	" ..	2 " ..	1128
John Jonathan Elven .. .. .	First mate ..	" ..	2 " ..	1037
Henry William Langbein .. .. .	Second mate ..	" ..	20 Jan., 1911 ..	1129
John Bruce .. .. .	Master, fore and aft ..	" ..	21 " ..	1017
Donald McDonald .. .. .	Second mate, steam ..	" ..	3 Feb., ..	1131
John Richard Clarke .. .. .	First mate, steam ..	" ..	3 " ..	1065
Surtees Rothery .. .. .	Master ..	" ..	13 " ..	1132
Edward John Grey .. .. .	" ..	" ..	28 " ..	1087
William Mackenzie .. .. .	First mate, steam ..	" ..	2 Mar., ..	1055
Donald Hastings Cambridge .. .. .	Master ..	" ..	28 " ..	994
Richard Thomas Crowe .. .. .	First mate ..	" ..	28 " ..	1082
Guy Freeman .. .. .	" ..	" ..	31 " ..	1101
William Henry Sawyers .. .. .	Master ..	Home trade ..	1 April, 1910 ..	5626
William Edwin Mumby .. .. .	" ..	" ..	15 " ..	5670
William Harms .. .. .	Mate ..	" ..	27 " ..	5671
Edward John Keatley .. .. .	Master ..	" ..	6 June, ..	5516
Francis Bateman Wells .. .. .	" ..	" ..	6 " ..	5643
Thomas Scott .. .. .	Mate ..	" ..	17 " ..	5672
Edmond James Wann .. .. .	" ..	" ..	1 July, ..	5672
John Colborne Arnot .. .. .	" ..	" ..	1 " ..	7674
Ernest Penman .. .. .	" ..	" ..	1 " ..	5675
John Taft .. .. .	Master ..	" ..	7 " ..	5592
Wenzel Joseph Schischka .. .. .	Mate ..	" ..	16 " ..	5676
Emil Johannsen .. .. .	Master ..	" ..	16 " ..	5633
Francis Edward Roff .. .. .	" ..	" ..	16 " ..	5646
Edward Henry .. .. .	Mate ..	" ..	28 " ..	5677
Wilbert Stanley Clark .. .. .	" ..	" ..	26 Aug., ..	5678
Harold Walter Parker .. .. .	Master ..	" ..	26 " ..	5639
Reinhold Palmer .. .. .	Mate ..	" ..	26 " ..	5679
John Bald .. .. .	Master ..	" ..	26 " ..	5519
Joseph Harris .. .. .	" ..	" ..	3 Sept., ..	5628
Robert Jackson Fowler .. .. .	" ..	" ..	3 " ..	5550
William Marshall .. .. .	Mate ..	" ..	3 " ..	5680
Sweeney Hakansson .. .. .	Master ..	" ..	6 " ..	5637
Ernest Turksma .. .. .	Mate ..	" ..	14 " ..	5681
George Madden .. .. .	" ..	" ..	8 Oct., ..	5684
Hans Andersen .. .. .	" ..	" ..	8 " ..	5683
John Mackenzie .. .. .	" ..	" ..	8 " ..	5682
Stanley Percival Martin .. .. .	" ..	" ..	26 " ..	5685
Peter Higham .. .. .	Master ..	" ..	4 Nov., ..	5686
Roland Campion Somerville .. .. .	Mate ..	" ..	4 " ..	5687
Cathelus McPherson .. .. .	Master ..	" ..	4 " ..	5605
William Bolasses Dixon .. .. .	" ..	" ..	4 " ..	5688
Donald McLeay .. .. .	" ..	" ..	4 " ..	5617
Edward Fenton Gibson .. .. .	" ..	" ..	23 " ..	5689
Edward James Ansell .. .. .	" ..	" ..	2 Dec., ..	5649
Harold England Schmidt .. .. .	" ..	" ..	2 " ..	5641
Reginald Arthur Woods .. .. .	" ..	" ..	2 " ..	5690
Frederick William Venn .. .. .	" ..	" ..	2 " ..	5691
Nils Alfred Olsen .. .. .	" ..	" ..	14 " ..	5613
William McKinnon .. .. .	" ..	" ..	14 " ..	5692
Thomas Oscar Stephens .. .. .	Mate ..	" ..	5 Jan., 1911 ..	5693
Alexander McKinnon .. .. .	Master ..	" ..	27 " ..	5572
Frank Hammond .. .. .	Mate ..	" ..	28 Feb., ..	5694
George William Godfrey .. .. .	" ..	" ..	18 Mar., ..	5695
Alexander Thomson .. .. .	Master ..	" ..	28 " ..	5659
Norman James Wood .. .. .	" ..	River steamer ..	6 April, 1910 ..	3556
Frederick Magnus Olson .. .. .	" ..	" ..	6 " ..	3557
John Fraser .. .. .	" ..	" ..	7 " ..	3558
Albert Peter Thomas .. .. .	" ..	" ..	15 " ..	3559
George Klec .. .. .	" ..	" ..	21 " ..	3560

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1911—*continued*.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
William Anderson Champion	Master	River steamer	27 May, 1910	3561
William McKenzie Thompson	"	"	18 June, "	3562
William Steadman Fletcher	"	"	12 July, "	3563
James Stewart Clark	"	"	16 " "	3564
David Hugh Evans	"	"	16 " "	3565
Alfred William Douglas Meiklejohn	"	"	28 " "	3566
William Henry Skewes	"	"	28 " "	3567
George William Heatley	"	"	8 Aug., "	3568
Wilbert Stanley Clark	"	"	26 " "	3569
Frederic Edmond Chalmers	"	"	3 Sept., "	3570
Arthur James Pearce	"	"	6 " "	3571
Donald Bain	"	"	29 " "	3572
Albert Edward Curel	"	"	29 " "	3573
Arthur Berridge	"	"	29 " "	3574
Joseph Mathew Ryan	"	"	29 " "	3575
Kenneth Robert Murray-MacGregor	"	"	20 Oct., "	3576
Richard Blundell	"	"	23 Nov., "	3577
Thomas Elliott Hanlon	"	"	14 Dec., "	3578
Ernest Murray McIndoe	"	"	5 Jan., 1911	3579
James Davies	"	"	27 " "	3580
Cuthbert Arthur Moore	"	"	28 Feb., "	3581
Groves Reveley Meikle	"	"	28 " "	3582
Charles Pratt Marshall Benson	"	"	10 Mar., "	3583
Lionel William Sholl	"	"	18 " "	3584
Frederick William Roberts	"	"	28 " "	3585
Thomas Munro	"	Fishing-boat, or cargo vessel under 25 tons register	6 April, 1910	36
Stephen Thoms	"	Ditto	1 July, "	37
Arthur Berridge	"	"	27 Sept., "	38
Edward Strom	"	"	23 Nov., "	39
Thomas Oscar Stephens	"	"	23 " "	40
William McKenzie Thompson	"	"	2 Dec., "	41
David Simon Davies	"	"	5 Jan., 1911	42
Frank Hammond	"	"	18 Mar., "	43
Percy Edward Barber	2nd-class engineer	Foreign trade	4 April, 1910	978
William McMichael Livingston	3rd-class engineer	"	21 " "	1275
William Edward Shannon	"	"	27 " "	1276
Charles Buchan	"	"	27 " "	1277
John Alexander Milne	"	"	27 " "	1278
Charles John Styche	2nd-class engineer	"	27 " "	523
Leslie Claude Davies	"	"	29 " "	633
Horace Alexander Bower	"	"	29 " "	1015
Francis Percival Hewitt	"	"	29 " "	1091
John Athol Nicol	"	"	29 " "	922
John Murray Scott	3rd-class engineer	"	29 " "	1279
John Frederick Barber	"	"	29 " "	1280
Francis Paul Aloysius Garvey	"	"	29 " "	1281
Duncan Leslie Somerled Campbell	"	"	29 " "	1282
Howard Charles Kerr Harley	"	"	29 " "	1283
Norman James Buchanan	"	"	9 May, "	1284
James Thomas Brown	"	"	9 " "	1285
William Issell Cranch	"	"	9 " "	1286
Robert James Herbert Sheppard	"	"	9 " "	1287
Charles McCowan	"	"	9 " "	1288
John Russell Smith	"	"	9 " "	1289
Gordon Everard Dickey	"	"	9 " "	1290
Valentine Oliver Ingram	"	"	9 " "	1291
Ivan Selwyn Ward	"	"	9 " "	1292
David Penman	2nd-class engineer	"	11 " "	1293
Ernest Edward Low	1st-class engineer	"	9 " "	769
James Stanley Miller	2nd-class engineer	"	12 May, "	1019
Andrew John Mouat	1st-class engineer	"	27 " "	820
John Matthew Smith	"	"	27 " "	1294
Alfred Ernest Stephenson	3rd-class engineer	"	27 " "	1295
George Frank Banfield	"	"	27 " "	1296
John William Nielson	2nd-class engineer	"	6 June, "	935
Sydney James Munn	"	"	6 " "	992
William Cochrane Gow	3rd-class engineer	"	6 " "	1297
Robert William Francis Newton	"	"	17 " "	1298
David White	"	"	17 " "	1299
William Henry Young	"	"	17 " "	1300
Gerald Geoffrey Potts	2nd-class engineer	"	17 " "	1055
Reginald James Mentiply	3rd-class engineer	"	17 " "	1301
Leonard Thomas	"	"	21 " "	1302
Frank George Thomas	"	"	1 July, "	1303
William Anderson	1st-class engineer	"	7 " "	1304
Arnold Morrison	3rd-class engineer	"	12 " "	1305
Thomas Henry Lukies	"	"	12 " "	1306
Ernest Coombes	"	"	12 " "	1307
Samuel Brooking	"	"	12 " "	1308
George Brydon	"	"	12 " "	1309
Charles Phillip Grant	"	"	12 " "	1310
Henry James Stratford Johnson	2nd-class engineer	"	12 " "	1056
Thomas Vivian Humphrey	3rd-class engineer	"	15 " "	1311
William Patrick Whyte	1st-class engineer	"	15 " "	779

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1911—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
John McLeod Aikman .. .. .	1st-class engineer ..	Foreign trade ..	15 July, 1910 ..	1312
Herbert William Duff .. .. .	3rd-class engineer ..	" ..	15 Aug., " ..	1313
Archibald Campbell McKillop .. .. .	" ..	" ..	15 " " ..	1314
Thomas James Richard Cushon .. .. .	" ..	" ..	15 " " ..	1315
George Percy Williamson .. .. .	" ..	" ..	15 " " ..	1216
Godfrey Ledyard Evans .. .. .	" ..	" ..	15 " " ..	1317
Stanley Ernest Clare Chilman .. .. .	" ..	" ..	15 " " ..	1318
Donald Henry Duthie .. .. .	" ..	" ..	15 " " ..	1319
Benjamin George Claude Stephens .. .. .	" ..	" ..	15 " " ..	1320
George Walker McLay .. .. .	" ..	" ..	15 " " ..	1321
Frank Wilfred Doubleday .. .. .	" ..	" ..	15 " " ..	1322
Lorne Murphy .. .. .	2nd-class engineer ..	" ..	15 " " ..	829
Hugh Wilson Hutcheson .. .. .	1st-class engineer ..	" ..	16 " " ..	1323
William David Sutherland .. .. .	3rd-class engineer ..	" ..	26 " " ..	1324
Robert Bernard Gerring .. .. .	2nd-class engineer ..	" ..	14 Sept., " ..	802
James Andrew Palmer .. .. .	3rd-class engineer ..	" ..	14 " " ..	1325
George Johnstone .. .. .	" ..	" ..	14 " " ..	1226
Ronald McDonald .. .. .	" ..	" ..	14 " " ..	1327
George Harnett McLeod .. .. .	" ..	" ..	14 " " ..	1328
John Laing Robertson .. .. .	" ..	" ..	14 " " ..	1329
Fritz Falavai Kronfeld .. .. .	" ..	" ..	14 " " ..	1330
Arthur John Huggett .. .. .	" ..	" ..	14 " " ..	1331
William Scott .. .. .	" ..	" ..	14 " " ..	1332
Richard William Harvey .. .. .	" ..	" ..	14 " " ..	1333
William Gill Jickell .. .. .	" ..	" ..	14 " " ..	1334
Charles O'Connor Haddo Gordon .. .. .	" ..	" ..	14 " " ..	1335
Charles McGregor McDonald .. .. .	" ..	" ..	14 " " ..	1336
Percy Robert Hunter .. .. .	2nd-class engineer ..	" ..	21 " " ..	947
John William Gothard .. .. .	3rd-class engineer ..	" ..	11 Oct., " ..	1337
Alexander Gilchrist Kyle .. .. .	" ..	" ..	11 " " ..	1338
George Rennie .. .. .	" ..	" ..	11 " " ..	1339
Charles Bignell .. .. .	" ..	" ..	11 " " ..	1340
Bertram William Gandell .. .. .	" ..	" ..	11 " " ..	1341
Leslie Gordon Young .. .. .	" ..	" ..	11 " " ..	1342
James William George Elley .. .. .	" ..	" ..	20 " " ..	1343
James Ernest Miller .. .. .	" ..	" ..	20 " " ..	1344
John Arthur Palamountain .. .. .	" ..	" ..	20 " " ..	1345
Sydney Thomas Stidolph .. .. .	" ..	" ..	20 " " ..	1346
Percy Hellyer Davey .. .. .	" ..	" ..	20 " " ..	1347
Frank Mowatt .. .. .	" ..	" ..	20 " " ..	1348
Maxwell Devenish Meares .. .. .	1st-class engineer ..	" ..	26 " " ..	1349
Walter Goodman Sandes .. .. .	" ..	" ..	28 " " ..	1350
Alexander Penrice Usher .. .. .	3rd-class engineer ..	" ..	4 Nov., " ..	1351
Roy Bruce Avey MacCurdy .. .. .	" ..	" ..	8 " " ..	1352
Joseph Harrison .. .. .	" ..	" ..	12 " " ..	1353
Malcolm Elliott McLeod .. .. .	" ..	" ..	12 " " ..	1354
Charles Thomas Stewart .. .. .	2nd-class engineer ..	" ..	23 " " ..	1024
Willie Savage .. .. .	3rd-class engineer ..	" ..	23 " " ..	1355
Randoll Staples .. .. .	" ..	" ..	23 " " ..	1356
Harold Percy Dodson .. .. .	" ..	" ..	2 Dec., " ..	1357
William Ozamis .. .. .	1st-class engineer ..	" ..	14 " " ..	1358
Horace William Newman .. .. .	3rd-class engineer ..	" ..	14 " " ..	1359
Cecil Willie Croll .. .. .	1st-class engineer ..	" ..	5 Jan., 1911 ..	900
Percy James Collins .. .. .	" ..	" ..	5 " " ..	1360
John Patrick Logan .. .. .	" ..	" ..	5 " " ..	751
Thomas Henry Davidson .. .. .	2nd-class engineer ..	" ..	5 " " ..	608
Gordon Maxton Rennie .. .. .	" ..	" ..	5 " " ..	919
Thomas Beverley Rutter .. .. .	" ..	" ..	5 " " ..	959
Frederick Henry Hopkins .. .. .	" ..	" ..	5 " " ..	943
Diulio Ruggero Dandola Calcinaï .. .. .	3rd-class engineer ..	" ..	5 " " ..	1361
Oswald Robert Cozens .. .. .	" ..	" ..	5 " " ..	1362
Henry Hardwick Wilson .. .. .	" ..	" ..	5 " " ..	1363
Harry Ernest Mitchell Hart .. .. .	" ..	" ..	5 " " ..	1364
John Lindsay Ferguson .. .. .	" ..	" ..	5 " " ..	1365
David James Sherriff .. .. .	" ..	" ..	5 " " ..	1366
Joseph Francis Hubble .. .. .	" ..	" ..	5 " " ..	1367
Francis Arthur Parker .. .. .	" ..	" ..	5 " " ..	1368
James Arthur Robinson Sectt .. .. .	" ..	" ..	5 " " ..	1369
Claude Arthur Wynn .. .. .	" ..	" ..	5 " " ..	1370
Charles David Graham .. .. .	" ..	" ..	5 " " ..	1371
Christopher Underwood .. .. .	" ..	" ..	3 Feb., " ..	1372
Arthur Richmond Birrel Hendry .. .. .	" ..	" ..	3 " " ..	1373
Mervyn Herschell Keyes .. .. .	" ..	" ..	3 " " ..	1374
Ernest Williams .. .. .	" ..	" ..	3 " " ..	1375
Victor Stanley Carrel .. .. .	" ..	" ..	3 " " ..	1376
William John Bailey .. .. .	" ..	" ..	5 " " ..	1377
John Robert Colquhoun .. .. .	" ..	" ..	5 " " ..	1378
Hector Charles Hamlin .. .. .	" ..	" ..	5 " " ..	1379
William John Webb .. .. .	2nd-class engineer ..	" ..	5 " " ..	1034
Harold Boyd .. .. .	" ..	" ..	5 " " ..	1012
John Eric Harding .. .. .	3rd-class engineer ..	" ..	13 " " ..	1380
Leigh Easton Baxter .. .. .	" ..	" ..	13 " " ..	1381
Walter Scott Hindmarsh .. .. .	" ..	" ..	31 Mar., " ..	1382
Bert Smith Marshall .. .. .	" ..	" ..	31 " " ..	1383
William Clifford Boyd Douglas .. .. .	" ..	" ..	31 " " ..	1384
Leonard Prescott Draper .. .. .	" ..	" ..	31 " " ..	1385
Albert Edward Strange .. .. .	" ..	" ..	31 " " ..	1386

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1911—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Edward Grey .. .. .	3rd-class engineer ..	Foreign trade ..	31 Mar., 1911 ..	1387
Horaco Park Matheson .. .. .	" .. .. .	" .. .. .	31 " " ..	1388
Samuel Malthus .. .. .	" .. .. .	" .. .. .	31 " " ..	1389
Joseph Edmond Hamer .. .. .	2nd-class engineer ..	" .. .. .	31 " " ..	1151
William Leonard Dodd .. .. .	" .. .. .	" .. .. .	31 " " ..	1107
Oscar Camille Müller .. .. .	" .. .. .	" .. .. .	31 " " ..	1120
John Henry Prendeville .. .. .	1st-class engineer ..	" .. .. .	31 " " ..	948
Lionel William Sholl .. .. .	Engineer .. .. .	River trade ..	9 May, 1910 ..	2137
Edgar Brewster .. .. .	" .. .. .	" .. .. .	9 " " ..	2138
Robert Andrew James .. .. .	" .. .. .	" .. .. .	9 " " ..	2139
Alfred George Lovell Bliss .. .. .	" .. .. .	" .. .. .	17 June, " ..	2140
Gilbert Brown Carr .. .. .	" .. .. .	" .. .. .	28 July, " ..	2141
Thomas Francis Malaghan .. .. .	" .. .. .	" .. .. .	15 Aug., " ..	2142
James Jack .. .. .	" .. .. .	" .. .. .	14 Sept., " ..	2143
Nils Einar Robert Nilson .. .. .	" .. .. .	" .. .. .	14 " " ..	2144
William Chalmers .. .. .	" .. .. .	" .. .. .	22 " " ..	2145
Donald McPhee .. .. .	" .. .. .	" .. .. .	8 Nov., " ..	2146
Frank Lawrence .. .. .	" .. .. .	" .. .. .	12 " " ..	2147
Albert Edward Neville .. .. .	" .. .. .	" .. .. .	3 Feb., 1911 ..	2148
Frederick Charles Barber .. .. .	" .. .. .	" .. .. .	3 " " ..	2149
John David Urquhart .. .. .	" .. .. .	" .. .. .	3 " " ..	2150
Frederick Gerhard Rudolf Jensen .. .. .	" .. .. .	" .. .. .	3 " " ..	2151
Howard Michael Morris .. .. .	" .. .. .	" .. .. .	3 " " ..	2152
John Charles Ferguson .. .. .	" .. .. .	" .. .. .	5 " " ..	2153
Felix Rooney .. .. .	" .. .. .	" .. .. .	31 Mar., " ..	2154
Hans Petersen .. .. .	2nd-class oil engineer ..	Sea-going ..	23 May, 1910 ..	145
Edwin Mugford Stentiford .. .. .	" .. .. .	" .. .. .	23 " " ..	146
Charles Edwin Nicholson .. .. .	" .. .. .	" .. .. .	23 " " ..	147
Edward Yates Bolton .. .. .	" .. .. .	" .. .. .	22 " " ..	148
William Richard Cuthbert Stephens .. .. .	1st-class oil engineer ..	" .. .. .	27 " " ..	149
Leonard Beaumont Whitwell .. .. .	2nd-class oil engineer ..	" .. .. .	27 " " ..	150
Peter Hamilton .. .. .	" .. .. .	" .. .. .	27 " " ..	151
John Alexander Milne .. .. .	" .. .. .	" .. .. .	16 June, " ..	152
John Arthur Palamountain .. .. .	1st-class oil engineer ..	" .. .. .	17 " " ..	116
Francis Robert Nichols .. .. .	2nd-class oil engineer ..	" .. .. .	15 Aug., " ..	153
John Lindsay Ferguson .. .. .	" .. .. .	" .. .. .	15 " " ..	154
Charles Cuthbert Lucius Fagan .. .. .	" .. .. .	" .. .. .	14 Sept., " ..	155
Leonard Boulton .. .. .	" .. .. .	" .. .. .	21 " " ..	156
Cyril Probyn Berridge .. .. .	" .. .. .	" .. .. .	21 " " ..	157
Alfred Stephen Amy .. .. .	" .. .. .	" .. .. .	21 " " ..	158
William Henry Jackson .. .. .	1st-class oil engineer ..	" .. .. .	27 " " ..	111
Charles McCowan .. .. .	" .. .. .	" .. .. .	27 " " ..	159
Frank Hamilton Bell .. .. .	" .. .. .	" .. .. .	29 " " ..	160
Frederick Reynolds .. .. .	" .. .. .	" .. .. .	26 Oct., " ..	161
Walter John Morrison .. .. .	2nd-class oil engineer ..	" .. .. .	12 Nov., " ..	162
Samuel Smith .. .. .	1st-class oil engineer ..	" .. .. .	2 Dec., " ..	163
Alfred Christian Jonassen .. .. .	" .. .. .	" .. .. .	14 " " ..	164
Edward Owen Jones .. .. .	2nd-class oil engineer ..	" .. .. .	5 Jan., 1911 ..	165
John Taw Waller .. .. .	" .. .. .	" .. .. .	3 Feb., " ..	166
Arnold William Brissenden .. .. .	" .. .. .	" .. .. .	3 " " ..	167
Arthur Benjamin Cox .. .. .	" .. .. .	" .. .. .	3 " " ..	168
Henry Cox .. .. .	" .. .. .	" .. .. .	3 " " ..	169
Hugh Wood Gordon Park .. .. .	1st-class oil engineer ..	" .. .. .	20 Mar., " ..	136
Charles Louie .. .. .	Oil engineer .. .. .	River trade ..	21 April, 1910 ..	167
Samuel Knarston .. .. .	" .. .. .	" .. .. .	27 " " ..	168
Walter Clapham Mountain .. .. .	" .. .. .	" .. .. .	29 " " ..	169
Thomas Bertie Partridge .. .. .	" .. .. .	" .. .. .	11 May, " ..	170
Arthur McIntosh .. .. .	" .. .. .	" .. .. .	11 " " ..	171
John William Henley .. .. .	" .. .. .	" .. .. .	11 " " ..	172
Robert Henry Faulkner .. .. .	" .. .. .	" .. .. .	11 " " ..	173
Thomas Matthew Nicholson .. .. .	" .. .. .	" .. .. .	11 " " ..	174
William George Partridge .. .. .	" .. .. .	" .. .. .	27 " " ..	175
James Stewart Clark .. .. .	" .. .. .	" .. .. .	27 " " ..	176
William Richard Elmsly Walmsley .. .. .	" .. .. .	" .. .. .	12 July, " ..	177
George William Tench .. .. .	" .. .. .	" .. .. .	12 " " ..	178
William Lockwood .. .. .	" .. .. .	" .. .. .	28 " " ..	179
Arthur Ernest Scott .. .. .	" .. .. .	" .. .. .	15 Aug., " ..	180
Alfred Gronville Bertram .. .. .	" .. .. .	" .. .. .	26 " " ..	181
John Wood Jeffs .. .. .	" .. .. .	" .. .. .	16 Sept., " ..	182
William Richard Parkinson .. .. .	" .. .. .	" .. .. .	16 " " ..	183
Thomas Joseph Bogue .. .. .	" .. .. .	" .. .. .	16 " " ..	184
Montagu Ernest Shorter .. .. .	" .. .. .	" .. .. .	16 " " ..	185
Charles James Collings .. .. .	" .. .. .	" .. .. .	16 " " ..	186
Alexander Hutchinson .. .. .	" .. .. .	" .. .. .	16 " " ..	187
William Phipps Baker .. .. .	" .. .. .	" .. .. .	16 " " ..	188
John Milne Livingstone .. .. .	" .. .. .	" .. .. .	16 " " ..	189
Andrew Chapman .. .. .	" .. .. .	" .. .. .	26 Oct., " ..	190
Ralph Erskine .. .. .	" .. .. .	" .. .. .	14 Dec., " ..	191
Maurice Ashton .. .. .	" .. .. .	" .. .. .	14 " " ..	192
Augustus Tilby .. .. .	" .. .. .	" .. .. .	5 Feb., 1911 ..	193
Noble Johnston .. .. .	" .. .. .	" .. .. .	5 " " ..	194
William John Francis .. .. .	" .. .. .	" .. .. .	5 " " ..	195
William Sidney McMillan .. .. .	" .. .. .	" .. .. .	5 " " ..	196
Joseph John Multrus .. .. .	" .. .. .	" .. .. .	5 " " ..	197
Thomas Ernest Hutchinson .. .. .	" .. .. .	" .. .. .	5 " " ..	198
Charles Frederick Baker .. .. .	" .. .. .	" .. .. .	5 " " ..	199
Niccoless Henry George Munro .. .. .	" .. .. .	" .. .. .	5 " " ..	200
John Hulme Hart .. .. .	" .. .. .	" .. .. .	31 Mar., " ..	201

RETURN showing the NUMBER of MASTERS', MATES', and ENGINEERS' EXAMINATIONS in New Zealand during the Year ended the 31st March, 1911, showing the Number of Successful and Unsuccessful Candidates.

Class of Certificate.	Auckland.			Wellington.			Lyttelton.			Dunedin.			Other Places.			Totals.		
	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.
Foreign-going masters and mates	18	39	57	7	3	10	12	10	22	1	1	2	..	..	..	38	53	91
Home-trade masters and mates	29	24	53	10	6	16	4	4	8	1	..	1	..	..	..	44	34	78
River-steamer masters	20	..	20	3	..	3	1	..	1	4	1	5	2	..	2	30	1	31
Master, fishing-boat or cargo vessel under 25 tons register	6	1	7	2	1	3	..	..	..	..	..	..	..	..	..	8	2	10
Sea-going engineers (steam)	39	7	46	30	8	38	16	2	18	10	4	14	20	2	22	145	23	168
River-steamer engineers	10	10	20	2	3	5	2	..	2	..	..	..	4	2	6	18	15	33
Sea-going engineers (mechanical power other than steam)	19	3	22	2	2	4	2	1	3	2	..	2	3	..	3	23	6	34
River engineers (mechanical power other than steam)	24	6	30	..	..	..	2	..	2	3	1	4	6	..	6	35	7	42
Totals .. ..	165	90	255	56	23	79	39	17	56	51	7	58	35	4	39	346	141	487

RETURN of CERTIFICATES of EXEMPTION from EXAMINATION as THIRD-CLASS ENGINEERS issued during the Year ended 31st March, 1911.

Date of Issue.	Name.	Date of Issue.	Name.
16 May, 1910	Thomas Bain.	14 Mar., 1911	Dugald Pharlan Macfarlane.
28 June, "	Charlewood Henry Gosset.	30 "	Norman Kwong Tsu Low.
29 Aug., "	Alexander Cay Owen.		

RETURN of LICENSES as COLONIAL PILOTS issued in pursuance of Section 190 of the Shipping and Seamen Act, 1908, during the Year ended 31st March, 1911.

No. of License.	Date of Issue.	Name of Licensee.	Port of Residence.	Date of Expiry of License.
43	8 Oct., 1909	Felix Black	Wellington	8 Oct., 1910.
41	18 Dec., "	Thomas Fernandez	Gisborne	18 Dec., "
40	23 Feb., 1910	Charles McArthur	Wellington	18 Feb., 1911.
37	21 Mar. "	John Grant	Onehunga	3 April, "

RETURN of LICENSED ADJUSTERS of COMPASSES in New Zealand.

Date of Issue.	Name of Licensee.	Address.
9 April, 1896	Frederick Macbeth	Dunedin.
15 May	Robert Strang	"
5 "	George Urquhart Thomson	"
11 Dec., "	William Bendall	Wellington.
27 April, 1897	Frederick William Cox	Nelson.
27 May, "	Thomas Fernandez	Auckland.
27 July, "	Robert Hatchwell	Lyttelton.
1 Sept., "	Arthur G. Gifford	Wellington.
13 Aug., 1898	Herbert John Richardson	"
26 April, 1899	Robert Haddelston Neville	"
26 June, 1900	Charles Frederick Sundstrum	Dunedin.
27 July, "	John Adamson	Auckland.
27 Nov., "	Thomas Basire	Port Chalmers.
27 March, 1903	George Samuel Hooper	Wellington.
19 Oct., "	John McLennon McKenzie	"
1 Nov., 1906	Frederick Pryce Evans	Dunedin.
6 Feb., 1907	David Todd	"
22 "	Norman Macdonald	Bluff.
28 May, "	Charles Cornelius Plunket	Auckland.
23 Oct., "	Robert Crawford	Wellington.
24 May, 1910	John James Reeves	Auckland.





TABLE showing the Number and Tonnage of Sailing and Steam Vessels which remained upon the Register of the Dominion of New Zealand on the 31st December, 1909; of those added to and deducted from the Register during the Year 1910; and of those which remained upon the Register on the 31st December, 1910.

	Sailing Vessels.			Steam Vessels.			Totals.		
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.
Upon the Register on the 31st December, 1909 .. .. .	262	42,384	40,163	327	188,230	110,677	589	230,614	150,840
Added to the Register,—									
Vessels registered for the first time—									
Built at ports in United Kingdom ..	..	..	..	5	2,905	1,254	5	2,905	1,254
Built at ports in British possessions abroad .. .. .	4	214	132	21	1,026	512	25	1,240	644
Purchased from foreigners .. .. .	1	53	53	1	2	1	2	55	54
Vessels transferred from ports in the United Kingdom .. .. .	..	..	..	3	5,973	3,472	3	5,973	3,472
Vessels transferred from ports in British possessions abroad .. .. .	1	128	99	2	507	245	3	635	344
Vessels registered <i>de novo</i> .. .. .	3	363	297	7	750	401	10	1,113	698
Tonnage added in consequence of re-measurement or alteration .. .. .	..	..	..	..	90	74	..	90	74
Total added .. .. .	9	758	581	39	11,253	5,959	48	12,011	6,540
Deducted from the Register,—									
Vessels wrecked or otherwise lost .. .. .	1	35	35	3	4,937	3,125	4	4,972	3,160
Vessels broken up, decayed, &c. .. .. .	4	384	384	3	271	175	7	655	559
Vessels converted into hulks, &c. .. .. .	1	250	236	1	429	262	2	679	498
Vessels transferred to ports in British possessions .. .. .	3	1,235	1,157	2	507	249	5	1,742	1,406
Vessels registered <i>de novo</i> .. .. .	5	329	286	4	686	338	9	1,015	624
Other vessels .. .. .	3	15	15	1	13	4	4	28	10
Tonnage deducted in consequence of re-measurement or alteration .. .. .	..	..	..	..	3	8	..	3	8
Total deducted .. .. .	17	2,248	2,113	14	6,846	4,161	31	9,094	6,274
Vessels on Register on 31st December, 1910 .. .. .	254	40,894	38,631	352	192,637	112,475	606	233,531	151,106

TABLE showing the Number and Tonnage of the Registered Vessels (distinguishing Sailing from Steam) which belonged to each of the Ports of New Zealand on the 31st December, 1910.

Ports.	Sailing Vessels.			Steam Vessels.		
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.
Auckland .. .. .	153	13,776	12,468	153	18,457	9,794
Napier .. .. .	6	365	352	25	2,875	1,712
Wellington .. .. .	23	3,943	3,776	42	10,588	5,307
Nelson .. .. .	8	195	191	12	2,106	1,033
Lyttelton .. .. .	21	5,521	5,300	14	3,747	1,544
Timaru .. .. .	2	1,649	1,577	1	942	488
Dunedin .. .. .	37	14,460	14,027	94	152,764	92,034
Invercargill .. .. .	4	985	940	11	1,158	563
Totals .. .. .	254	40,894	38,631	352	192,637	112,475

## DESCRIPTIVE RETURN of New Zealand COASTAL LIGHTHOUSES.

Name of Lighthouse.	Order of Apparatus.	Description.	Period of Revolving Light.	Colour of Light.	Tower built of	Dwellings built of	Date first lighted.
Cape Maria van Diemen	1st order dioptric	Revolving	1'	White .. ..	Timber	Timber	24 Mar., 1879
	..	Fixed	..	Red, to show over Columbia Reef.			
Cape Brett	1st order dioptric	Group flashing	+	White .. ..	Iron	Timber	21 Feb., 1910
Mokohinou	1st	Flashing	10"	" .. ..	Stone	"	18 June, 1883
Tiritiri	2nd	Fixed	..	White, with red arc over Flat Rock	Iron	"	1 Jan., 1865
Ponui Passage	5th	"	..	White and red ..	Timber	"	29 July, 1871
Cuvier Island	1st	Revolving	30"	White .. ..	Iron	"	22 Sept., 1880
East Cape	2nd	Flashing	10"	" .. ..	"	"	9 Aug., 1900
	2nd	Revolving	30"	" .. ..	Timber	"	10 Feb., 1878
Portland Island	..	Fixed	..	Red, to show over Bull Rock.			
Cape Palliser	2nd order dioptric	Revolving	*	White .. ..	Iron	Timber	27 Oct., 1897
Pencarrow Head	2nd	Fixed	..	" .. ..	"	"	1 Jan., 1859
Cape Egmont	2nd	"	..	" .. ..	"	"	1 Aug., 1881
Manukau Head	3rd	"	..	" .. ..	Timber	"	1 Sept., 1874
Kaipara Head	2nd	Flashing	10"	" .. ..	"	"	1 Dec., 1884
	2nd	"	10"	" .. ..	"	"	24 Sept., 1877
Brothers	..	Fixed	..	Red, to show over Cook Rock.			
Cape Campbell	2nd order dioptric	Revolving	1	White .. ..	Iron	Timber	1 Aug., 1870
Godley Head	2nd	Fixed	..	" .. ..	Stone	Stone	1 April, 1865
Akaroa Head	2nd	Flashing	10"	" .. ..	Timber	Timber	1 Jan., 1880
Jack's Point	4th	Fixed	..	" .. ..	Iron	"	1 July, 1904
Moeraki	3rd	"	..	" .. ..	Timber	"	22 April, 1878
Taiaroa Head	3rd	"	..	Red .. ..	Stone	Stone	2 Jan., 1865
Cape Saunders	2nd	Revolving	1'	White .. ..	Timber	Timber	1 Jan., 1880
Nugget Point	1st	Fixed	..	" .. ..	Stone	Stone	4 July, 1870
Waipapapa Point	2nd	Flashing	10"	" .. ..	Timber	Timber	1 Jan., 1884
Dog Island	1st order catadioptric	Revolving	30"	" .. ..	Stone	Stone	1 Aug., 1865
Centre Island	1st order dioptric	Fixed	..	White, with red arcs over inshore dangers	Timber	Timber	16 Sept., 1878
Puysegur Point	1st	Flashing	10"	White .. ..	"	"	1 Mar., 1879
Cape Foulwind	2nd	Revolving	30"	" .. ..	"	"	1 Sept., 1876
Kahurangi Point	2nd	Fixed	..	White, with red sector to show over Stewart Breaker	Iron	"	30 Nov., 1903
Farewell Spit	2nd	Revolving	1'	White, with red arc over Spit end	"	"	17 June, 1870
Nelson	4th	Fixed	..	White, with red arc to mark limit of anchorage	"	"	4 Aug., 1862
French Pass	6th	"	..	Red and white, with white light on beacon	"	"	1 Oct., 1884
Stephens Island	1st	Group flashing	+	White .. ..	"	"	29 Jan., 1894

\* Flashing twice every half-minute with interval of three seconds between flashes. every half-minute.

† Two flashes in quick succession.

RETURN of STEAMERS and OIL-ENGINE VESSELS to which CERTIFICATES of SURVEY were issued in  
NEW ZEALAND during the Year ended 31st March, 1911.

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Advance (A'kland)	12	8	..	Non-condensing	Screw	Extended river	..	..	..	..	
Admiral ..	82	28	..	Compound	..	River	..	..	..	..	
A.H.B. ..	5	15	..	Oil-engines	..	..	..	..	..	..	
Aburiri ..	31	17	..	Compound	..	Extreme limits	2	..	..	..	
Aida ..	2	..	6	"	"	River	..	..	..	..	
Akaroa ..	43	28	105	"	"	Home trade	2	2	..	..	
Albatross (A'kland)	111	37	..	"	"	River	..	..	..	..	
Albatross ..	43	25	..	Oil-engines	..	Extended river	..	..	..	..	
Alexander ..	185	72	350	Compound	Twin-screw	Home trade	4	3	..	..	
Anna ..	21	10	..	Oil-engines	Screw	"	1	..	..	..	Fishing-vessel.
Antelope ..	14	2½	..	"	"	"	1	..	..	..	"
Antrim ..	35	30	..	Condensing	..	River	..	..	..	..	
Aorere ..	49	16½	68	Compound	..	Home trade	2	1	..	..	
Apanui ..	135	28	212	Triple-expansion	"	"	4	2	..	..	
Aparima ..	3,684	284	2,888	"	Twin-screw	Foreign trade	13	9	3	3	
Arahura ..	771	147	1,726	"	"	Home trade	7	6	3	3	
Arapawa ..	128	47	234	"	Screw	"	4	2	..	..	
Ariel ..	13	2½	..	Oil-engines	..	"	1	..	..	..	Fishing-vessel.
Aupouri ..	220	55	431	Triple-expansion	..	"	5	3	..	..	
Awaroa ..	211	62	450	"	..	River	..	..	..	..	
Baden Powell	92	30	215	Compound	..	Home trade	2	2	..	..	
Baroona ..	79	24	..	"	..	River	..	..	..	..	
Beatrice ..	8	10	..	"	..	Extended river	..	..	..	..	Fishing-vessel.
Bellbird ..	52	15	..	Triple-expansion	..	River	..	..	..	..	
Ben Lomond ..	33	15	..	Compound	..	"	..	..	..	..	
Blenheim ..	85	50	206	"	..	Home trade	2	2	..	..	
Bonnie Jean ..	6	2½	..	Oil-engines	..	"	1	..	..	..	Fishing-vessel.
Bravo ..	18	5	..	"	..	"	1	..	..	..	"
Breeze ..	286	59	468	Triple-expansion	..	"	4	3	..	..	
Britannia (A'kland)	108	40	..	Non-condensing	Paddle	River	..	..	..	..	
Britannia (Bluff) ..	18	2½	..	Oil-engines	Screw	Home trade	1	..	..	..	Fishing-vessel.
Canopus ..	835	250	1,121	Triple-expansion	..	"	6	3	2	3	
Canterbuoy ..	..	24	..	Non-condensing	Twin-screw	Extended river	..	..	..	..	
Canterbury ..	1	133	1,000	Compound	..	Extreme limits	1	3	2	3	
Cascade ..	11	70	..	Oil-engines	Screw	Extended river	..	..	..	..	
Catherine ..	9	30	..	"	..	Extreme limits	..	..	..	..	Yacht.
Chelmsford ..	79	24	61	Compound	..	Home trade	2	1	..	..	
Clausman ..	379	90	566	"	..	"	5	3	..	..	
Claymore ..	119	54	366	"	..	"	4	3	..	..	
Cobar ..	57	40	..	"	..	River	..	..	..	..	
Colleen ..	15	2½	..	Oil-engines	..	Home trade	1	..	..	..	Fishing-vessel.
Condor ..	188	24	..	Compound	..	Extended river	..	..	..	..	
Corinna ..	312	141	1,066	"	..	Home trade	6	3	2	3	
Coromandel ..	67	25	..	"	..	River	..	..	..	..	
Countess ..	57	..	153	"	..	Home trade	2	2	..	..	Fishing-vessel.
Cygnets ..	66	43	178	"	..	"	2	2	..	..	
Daphne ..	113	55	..	"	..	Extended limits	..	..	..	..	
Dawn ..	14	..	..	Oil-engines	..	"	..	..	..	..	
Defender ..	117	36	144	Compound	..	Home trade	4	2	..	..	
Despatch ..	24	20	..	"	..	"	1	..	..	..	Fishing-vessel.
Dolly Varden ..	17	26	..	Oil-engines	..	"	1	..	..	..	"
Dreadnought ..	26	12	..	"	..	River	..	..	..	..	
Duchess ..	95	81	..	Triple-expansion	..	"	..	..	..	..	
Eagle ..	138	70	..	Compound	Paddle	"	..	..	..	..	
Echo ..	98	60	..	Oil-engines	Twin-screw	Home trade	2	..	..	..	
Eileen Ward ..	472	123	..	Triple-expansion	"	River	..	..	..	..	
Eliza ..	9	28	..	Oil-engines	Screw	"	..	..	..	..	
Elsie (Auckland) ..	21	30	..	"	Twin-screw	"	..	..	..	..	
Elsie (Picton) ..	22	11	..	Compound	Screw	Extended river	..	..	..	..	
Elsie Evans ..	6	20	..	Oil-engines	..	"	..	..	..	..	
Endeavour ..	54	30	..	"	..	"	..	..	..	..	
Endor ..	11	4	..	"	..	Home trade	1	..	..	..	Fishing-vessel.
Energy ..	17	15	..	Compound	..	Extended river	..	..	..	..	
Ennerdale ..	516	98	649	Triple-expansion	..	Foreign trade	5	3	..	..	Fishing-vessel.
Enterprise ..	9	2½	..	Oil-engines	..	Home trade	1	..	..	..	Fishing-vessel.
Erin ..	4	3½	..	Non-condensing	..	River	..	..	..	..	
Erlin ..	5	1½	..	Compound	..	"	..	..	..	..	
Excelsior (Mercer) ..	5	..	..	Non-condensing	..	"	..	..	..	..	
Excelsior ..	20	24	..	Oil-engines	..	Home trade	1	..	..	..	
Express ..	36	25	82	Compound	..	"	2	1	..	..	Fishing-vessel.
Eveline ..	..	8	..	Non-condensing	..	River	..	..	..	..	
Fairburn ..	69	40	..	Oil-engines	..	Home trade	2	..	..	..	
Fairy ..	33	15	..	Non-condensing	..	Extended river	..	..	..	..	
Fannie ..	9	20	..	Oil-engines	..	Home trade	1	..	..	..	Fishing-vessel.
Fanny ..	55	30	159	Compound	..	"	2	2	..	..	
Ferro ..	10	20	..	Oil-engines	..	Extended river	..	..	..	..	
Freerader ..	94	50	..	Non-condensing	..	River	..	..	..	..	

\* Surveyed twice

## RETURN of STEAMERS and OIL-ENGINE VESSELS to which CERTIFICATES of SURVEY were issued, &amp;c.—continued.

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Gael ..	55	20	..	Compound	Screw	Extended river	..	..	..	..	
Gannet (Picton) ..	10	6	..	Condensing	..	..	..	..	..	..	
Gannet (Bluff) ..	18	5	..	Oil-engines	..	Home trade	1	..	..	..	Fishing-vessel.
Gertie ..	119	59	295	Condensing	..	..	4	3	..	..	
Gisborne ..	38	12	..	Oil-engines	..	..	1	..	..	..	Fishing-vessel.
Gleneig ..	156	75	262	Compound	..	..	4	3	..	..	
Gosford ..	54	30	130	..	..	Extended river	2	2	..	..	Fishing-vessel.
Goshawk ..	122	28	..	..	..	River	..	..	..	..	
Greyhound ..	83	50	..	Oil-engines	..	Home trade	2	..	..	..	
* Hananui II ..	44	45	239	Triple-expansion	..	Foreign trade	2	2	..	..	First survey.
Hapai ..	363	..	155	..	..	Extended river	..	..	..	..	Dredge: first survey.
Hauptiri ..	452	88	480	Compound	..	Home trade	6	3	..	..	
Hauroto ..	1,276	353	1,352	..	..	Foreign trade	8	6	3	3	
Himitangi ..	149	45	248	Triple-expansion	..	Home trade	4	2	..	..	
Hipi ..	13	11	..	..	..	Extended river	..	..	..	..	
Hirere ..	18	16	..	Compound	Twin-screw	..	..	..	..	..	
Hob-onville ..	23	15	..	Oil-engines	Screw	..	..	..	..	..	
Holmdale ..	197	18½	112	Compound	..	Home trade	4	2	..	..	
Huanui ..	59	45	..	Oil-engines	..	Foreign trade	2	..	..	..	First survey.
Huia (Auckland) ..	200	22	..	..	..	Home trade	4	..	..	..	
Huia (Wellington) ..	69	23	121	Compound	..	..	2	2	..	..	
Huia (Wellington) ..	..	2	..	Condensing	..	River	..	..	..	..	
Invercargill ..	123	50	178	Compound	..	Home trade	4	2	..	..	
Ithaca ..	7	9	..	..	..	Extended river	..	..	..	..	
Ivy ..	8	10	..	..	..	River	..	..	..	..	
Jane ..	20	10	..	Oil-engines	..	Extended river	..	..	..	..	
Jane Douglas ..	75	22	80	Compound	..	Home trade	2	1	..	..	
J.D.O. ..	88	28	..	..	..	Extended river	..	..	..	..	
John Anderson ..	36	20	..	..	..	Extreme limits	2	..	..	..	
John Townley ..	85	40	..	..	Twin-screw	Extended river	..	..	..	..	
Kaeo ..	147	60	..	Oil-engines	Screw	Home trade	4	..	..	..	
Kahu (Napier) ..	99	40	239	Compound	..	..	2	2	..	..	
Kaiaia ..	24	24	..	Oil-engines	..	..	1	..	..	..	
Kaipara ..	..	5	..	Quadruple-expansion	..	River	..	..	..	..	
Kaipatiki ..	20	9½	..	Triple-expansion	..	Extended river	..	..	..	..	
Kairaki ..	182	92	559	..	..	Home trade	4	3	..	..	
Kaitangata ..	1,219	200	978	..	..	Foreign trade	7	3	2	3	
Kaitoa ..	118	65	296	Compound	..	Home trade	4	3	..	..	First N.Z. survey
Kaituna (Auckland) ..	6	10	..	Oil-engines	..	River	..	..	..	..	
Kaituna (Dunedin) ..	1,246	200	1,034	Triple-expansion	..	Foreign trade	7	3	2	3	
Kamona ..	903	117	749	..	..	..	6	3	..	..	
Kanieri ..	115	20	138	Compound	..	Home trade	4	2	..	..	
Kapanui ..	63	32	..	..	..	Extended river	..	..	..	..	
Kapiti ..	114	35	208	..	..	Home trade	4	2	..	..	
Kapui ..	30	30	..	Non-condensing	..	Extended river	..	..	..	..	
Kapuni ..	97	30	179	Compound	..	Home trade	2	2	..	..	
Karoro ..	52	17	..	..	..	Extended river	..	..	..	..	
Kate ..	..	5	..	Non-condensing	..	River	..	..	..	..	
Kawau (Auckland) ..	53	20	..	Compound	..	Extended river	..	..	..	..	
Kawau (Kaipara) ..	37	15	..	..	..	..	..	..	..	..	
Kekeno ..	19	14	..	Oil-engines	..	Home trade	1	..	..	..	
Kennedy ..	131	39	154	Compound	Twin-screw	..	4	2	..	..	
Kestrel ..	203	43	..	..	Screw	Extended river	..	..	..	..	
Kini ..	702	130	697	Triple-expansion	..	Home trade	6	3	..	..	
Kiripaka ..	75	24	108	Compound	..	..	2	2	..	..	
Kiritona ..	75	150	..	Oil-engines	..	..	2	..	..	..	
Kittawa ..	708	120	732	Compound	..	..	6	3	..	..	
Kiwi ..	16	20	..	Oil-engines	..	Extended river	..	..	..	..	First survey.
Koi ..	53	32	..	Compound	Twin-screw	Extreme limits	2	..	..	..	
Komata ..	1,194	260	1,163	Triple-expansion	Screw	Foreign trade	7	3	2	3	
Koonya ..	663	115	740	..	..	Home trade	6	3	..	..	
Kopu ..	18	13	..	Non-condensing	Paddle	Extended river	..	..	..	..	
Koputai ..	5	120	489	Compound	..	Home trade	1	3	..	..	Tug.
Koroi ..	..	9½	..	Triple-expansion	Screw	Extended river	..	..	..	..	
Koromiko ..	1,541	313	1,460	..	..	Foreign trade	8	6	3	3	
Kotare ..	79	20	128	Compound	..	Home trade	2	2	..	..	
* Kotuku ..	662	112	732	Triple-expansion	..	..	6	3	..	..	
Kotiti ..	42	14	..	Compound	..	Extended river	..	..	..	..	
Koutunui ..	98	26	178	..	Twin-screw	Home trade	2	2	..	..	First survey.
Kowhai ..	404	128	715	Triple-expansion	Screw	..	5	3	..	..	First N.Z. survey.
Kuaka ..	33	90	..	Oil-engines	Twin-screw	Extended river	..	..	..	..	
Kurow ..	1,564	333	1,218	Triple-expansion	Screw	Foreign trade	8	3	2	3	
Lady Barkly ..	39	20	87	Compound	..	Home trade	2	1	..	..	
Lauderdale ..	1,071	155	722	Triple-expansion	..	Foreign trade	7	3	..	..	Wrecked.
Lena ..	..	..	5	Non-condensing	..	Extended river	..	..	..	..	
Little Jack ..	..	1½	..	..	..	River	..	..	..	..	

RETURN of STEAMERS and OIL-ENGINE VESSELS to which CERTIFICATES of SURVEY were issued, &c.—continued.

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Loyalty ..	68	35	76	Compound	Screw	Home trade	2	1	..	..	Fishing-vessel.
Lyttelton ..	39	80	225	..	..	..	2	2	..	..	..
Magie ..	58	60	..	Oil-engines	Twin-screw	..	1	..	..	..	..
Maheno ..	24	60	..	..	..	River	..	..	..	..	..
Mahurangi ..	95	39	..	Compound	Screw	Extended river	..	..	..	..	..
Mahuta ..	13	13	..	..	..	River	..	..	..	..	..
Mana (Wellington)	77	25	140	..	..	Home trade	2	2	..	..	..
Manaroa ..	78	24	151	..	..	..	2	2	..	..	..
Manchester ..	366	160	1,400	Triple-expansion	..	Extended river	..	..	..	..	..
Mangakura ..	6	9	..	Oil-engines	..	River	..	..	..	..	First survey.
Mangapapa ..	87	28	182	Compound	..	Home trade	2	2	..	..	..
Manuka ..	2,784	357	4,382	Triple-expansion	Twin-screw	Foreign trade	11	9	6	3	..
Manukau ..	45	15	..	Compound	Screw	Extreme limits	2	..	..	..	..
Manurere ..	..	33	..	Quadruple-expansion	..	River	..	..	..	..	..
Maori (Auckland)	17	8	..	Non-condensing	..	..	..	..	..	..	..
Maori (Dunedin) ..	1,433	..	5,600	Turbines	Screws	Home trade	8	15	9	3	..
Mapourika ..	718	130	1,245	Triple-expansion	Screw	..	7	3	2	3	..
Mararoa ..	1,381	530	3,843	..	..	Foreign trade	8	9	6	3	..
Mascotte (Auckl'd)	..	5	..	Non-condensing	..	River	..	..	..	..	..
Mascotte (Wang'ui)	..	3	..	..	..	..	..	..	..	..	..
Matarere ..	..	2	..	Compound	..	..	..	..	..	..	..
Matuki ..	..	4	..	Non-condensing	..	..	..	..	..	..	..
Maui ..	251	..	646	Compound	..	Home trade	4	3	..	..	Dredge; first N.Z. survey.
Mawhera ..	292	168	1,012	Triple-expansion	..	..	4	3	2	3	Dredge.
May Howard ..	55	45	..	Oil-engines	..	Foreign trade	2	..	..	..	..
Mere Mere ..	..	3	..	Non-condensing	..	River	..	..	..	..	..
Merlin ..	..	16	..	Oil-engines	..	..	..	..	..	..	..
Mihi Moana ..	18	5	..	..	..	Home trade	1	..	..	..	..
Minerva ..	21	14	..	Compound	..	Extended river	..	..	..	..	First survey.
Moa ..	95	33	163	..	..	Home trade	2	2	..	..	..
Moana (Dunedin)	2,414	372	4,395	Triple-expansion	..	Foreign trade	10	9	6	3	..
Moana (Greymouth)	6	7	..	Non-condensing	..	River	..	..	..	..	..
Moeraki ..	2,715	357	4,259	Triple-expansion	Twin-screw	Foreign trade	11	9	6	3	..
Moerangi ..	16	27½	..	Oil-engines	Screw	River	..	..	..	..	..
Mokoia ..	2,154	255	3,032	Triple-expansion	..	Foreign trade	10	9	6	3	..
Monica II ..	29	20	..	Oil-engines	..	Extreme limits	1	..	..	..	..
Monowai ..	2,137	290	2,942	Triple-expansion	..	Foreign trade	10	9	3	3	..
Moturata ..	13	25	..	Oil-engines	..	River	..	..	..	..	First survey.
Mountaineer ..	66	50	..	Compound	Paddle	..	..	..	..	..	..
Moura ..	1,247	275	1,654	Triple-expansion	Twin-screw	Foreign trade	8	6	3	3	..
Mullogh ..	46	15	..	Vertical	Screw	Extended river	..	..	..	..	Fishing-vessel.
Muriel ..	16	17	116	Compound	..	..	..	..	..	..	..
Murihiku ..	369	70	521	Triple-expansion	Twin-screw	Home trade	4	3	..	..	Dredge.
Napier ..	48	30	96	Compound	Screw	..	2	1	..	..	Trawler.
Natone ..	50	24	..	..	..	River	..	..	..	..	..
Naumai ..	29	12	..	..	..	..	..	..	..	..	..
Nautilus ..	29	18	..	..	..	Extended river	..	..	..	..	..
Navua ..	1,813	220	2,000	Triple-expansion	Twin-screw	Foreign trade	9	9	3	3	..
Ngahere ..	556	118	723	..	Screw	Home trade	5	3	..	..	..
Ngapuhi ..	299	160	697	..	Twin-screw	..	5	3	..	..	..
Ngatiawa ..	220	55	454	Compound	..	..	5	3	..	..	..
Ngatoro ..	583	..	720	Triple-expansion	Screw	..	5	3	..	..	First N.Z. survey.
Nikau ..	98	..	256	Compound	..	..	2	3	..	..	..
Nile ..	21	20	32	..	Paddle	Home trade	1	..	..	..	..
Nina ..	7	2	..	..	Screw	River	..	..	..	..	..
No. 121 ..	394	100	..	..	Twin-screw	..	..	..	..	..	..
No. 222 ..	502	120	718	..	..	Home trade	5	3	..	..	..
No. 350 ..	488	93	683	Triple-expansion	..	..	5	3	..	..	..
No. 404 ..	211	78	391	Compound	..	River	..	..	..	..	..
Norval ..	50	20	..	Oil-engines	Screw	Extended river	..	..	..	..	..
Novelty ..	99	11	60	Compound	..	Home trade	2	1	..	..	..
Ohinemuri ..	73	26	80	Triple-expansion	..	..	2	1	..	..	..
Ohura ..	34	25	..	Condensing	Twin-screw	River	..	..	..	..	..
Ongarue ..	10	40	..	Oil-engines	Screw	..	..	..	..	..	..
Onewa ..	31	15	..	Compound	..	Extended river	..	..	..	..	First survey.
Onslow ..	16	20	..	..	..	Home trade	1	..	..	..	..
Opawa ..	64	18	82	Compound	..	..	2	1	..	..	..
Orete ..	92	60	..	Oil-engines	..	..	2	..	..	..	First survey.
Orewa ..	37	17	..	Compound	..	Extended river	..	..	..	..	..
Osprey ..	138	70	..	..	Paddle	River	..	..	..	..	..
Otunui ..	12	35	..	Oil-engines	Screw	..	..	..	..	..	..
Paeroa ..	46	15	82	Compound	..	Home trade	2	1	..	..	..
Pania ..	35	11	..	..	..	Extended river	..	..	..	..	..
Paritutu ..	233	90	654	Triple-expansion	Twin-screw	Home trade	4	3	..	..	First N.Z. survey.
Patea ..	550	250	1,986	Compound	Screw	..	6	6	3	3	Dredge.

RETURN of STEAMERS and OIL-ENGINE VESSELS to which CERTIFICATES of SURVEY were issued, &c.—continued.

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.	
							Able Seamen.	Firemen.	Trimmers.	Greasers.		
Pearl .. .. .	9	6	..	Non-condensing	Screw	River	..	..	..	..	..	..
Pelican .. .. .	1	57	292	Triple-expansion	"	Home trade	1	3	..	..	..	..
Pelorus .. .. .	18	12	..	Oil-engines	"	River	..	..	..	..	..	..
Petone .. .. .	388	82	522	Triple-expansion	"	Home trade	4	3	..	..	..	..
Phantom .. .. .	18	11	..	Compound	"	Extended river	..	..	..	..	..	..
Pilot (Dunedin) ..	27	15	..	Triple-expansion	"	River	..	..	..	..	..	..
Pilot (Napier) ..	11	13	..	Compound	"	Extended river	..	..	..	..	..	..
Pitoitoti (Waitara)	19	15	..	"	"	Home trade	1	..	..	..	..	..
Pitoitoti (Auckland)	28	13½	..	"	"	Extended river	..	..	..	..	..	..
Planet .. .. .	4	..	..	"	"	River	..	..	..	..	..	..
Plucky .. .. .	29	40	277	Compound	"	Home trade	1	2	..	..	..	Tug.
Poherea .. .. .	749	128	725	Triple-expansion	"	"	6	3	..	..	..	..
Portare .. .. .	8	15	..	Oil-engines	"	Extended river	..	..	..	..	..	..
Presto .. .. .	..	3	..	Compound	"	River	..	..	..	..	..	..
Progress .. .. .	112	45	162	"	"	Home trade	3	2	..	..	..	Dredge.
Pukaki .. .. .	917	110	626	Quadruple-expansion	"	"	6	3	..	..	..	..
Pupuke .. .. .	68	28	..	Compound	"	River	..	..	..	..	..	..
Purau .. .. .	38	18	..	"	Twin-screw	Extended river	..	..	..	..	..	..
Putiki .. .. .	157	60	296	"	Screw	Home trade	4	3	..	..	..	..
Queen of Beauty ..	9	35	..	Oil-engines	"	Extreme limits	1	..	..	..	..	..
Queen of the South	121	40	178	Compound	"	Home trade	4	2	..	..	..	..
Rakanoa .. .. .	1,393	200	898	Triple-expansion	"	Foreign trade	7	3	2	3	..	..
Rakiura (Bluff) ..	13	10	..	Oil-engines	"	Home trade	1	..	..	..	..	Fishing-vessel.
Rarawa .. .. .	460	140	945	Triple-expansion	"	"	6	3	2	3	..	..
Regulus .. .. .	227	150	696	Compound	Twm-screw	"	4	3	..	..	..	..
Remoana .. .. .	14	50	..	Oil-engines	Screw	River	..	..	..	..	..	..
Result .. .. .	18	10	..	Compound	"	Extended river	..	..	..	..	..	..
Rimu .. .. .	144	95	501	Triple-expansion	"	Foreign trade	4	3	..	..	..	..
Ripple .. .. .	187	60	240	"	"	"	4	2	..	..	..	..
Rita .. .. .	17	11	..	Compound	"	Home trade	1	..	..	..	..	Fishing-vessel.
Riwaka .. .. .	19	10½	..	"	"	River	..	..	..	..	..	..
Rob Roy .. .. .	44	16	100	"	"	Foreign trade	2	2	..	..	..	..
Rosamond .. .. .	462	90	451	"	"	Home trade	5	3	..	..	..	..
Rosetta .. .. .	10	5	..	Oil-engines	"	"	1	..	..	..	..	Fishing-vessel.
Rotoiti (Dunedin)	630	104	1,145	Triple-expansion	Twin-screw	"	7	3	2	3	..	..
Rotoiti (Rotorua) ..	..	2½	..	"	Screw	River	..	..	..	..	..	..
Rotokohu .. .. .	11	8	..	Compound	"	Extended river	..	..	..	..	..	..
Rotomahana (Auckland)	139	50	240	"	"	Home trade	4	2	..	..	..	..
Rotorua .. .. .	6	..	..	Oil-engines	"	River	..	..	..	..	..	..
Ruru (Auckland) ..	11	10	..	Compound	"	Extended river	..	..	..	..	..	..
Ruru (Napier) .. .	58	50	228	"	"	Home trade	2	2	..	..	..	..
Ruruhau .. .. .	16	12	..	Oil-engines	"	"	1	..	..	..	..	Fishing-vessel.
Savaii .. .. .	31	16	..	Condensing	"	Extended river	..	..	..	..	..	..
Sea Queen .. .. .	10	26	..	Oil-engines	"	"	..	..	..	..	..	First survey.
Shamrock .. .. .	60	120	..	"	"	Home trade	2	..	..	..	..	..
Sir Wm. Wallace ..	30	20	..	Compound	"	Extended river	..	..	..	..	..	..
Sonoma .. .. .	..	13	..	Non-condensing	"	River	..	..	..	..	..	..
Southern Cross ..	403	117	617	Triple-expansion	"	Foreign trade	6	3	..	..	..	..
Southern Isle .. .	59	28	..	Oil-engines	"	Home trade	2	..	..	..	..	..
Sparrow .. .. .	..	1½	..	Compound	"	River	..	..	..	..	..	..
Squall .. .. .	133	60	257	"	"	Home trade	4	3	..	..	..	..
Stella .. .. .	157	90	266	"	"	"	4	3	..	..	..	..
Sterling .. .. .	26	39	261	"	"	"	1	3	..	..	..	..
Storm .. .. .	186	70	287	"	"	"	4	3	..	..	..	..
Stormbird .. .. .	129	40	205	"	"	"	4	2	..	..	..	..
Swan (Wellington)	17	10	..	"	"	River	..	..	..	..	..	..
Sylph .. .. .	5	8	..	Non-condensing	"	"	..	..	..	..	..	..
Tainui .. .. .	60	24	149	Compound	"	Home trade	2	2	..	..	..	..
Taipu .. .. .	13	12	..	Oil-engines	"	River	..	..	..	..	..	First survey.
Takapuna (Auckland)	58	20	..	Non-condensing	Paddle	"	..	..	..	..	..	..
Takapuna (Dunedin)	472	165	1,413	Compound	Screw	Home trade	6	6	3	3	..	..
Talune .. .. .	1,370	255	1,718	Triple-expansion	"	Foreign trade	8	6	3	..	..	..
Tangaroa .. .. .	110	70	..	Compound	"	Extended river	..	..	..	..	..	..
Tangihua .. .. .	20	15	..	"	Twin-screw	River	..	..	..	..	..	..
Taniwha (Auckland)	191	40	..	"	"	Extended river	..	..	..	..	..	..
Taniwha (Timaru)	16	16	..	Non-condensing	Screw	"	..	..	..	..	..	..
Tarakihi .. .. .	..	4	..	"	"	River	..	..	..	..	..	..
Tarawera .. .. .	1,269	250	1,434	Compound	"	Foreign trade	8	6	3	3	..	..
Tarewai .. .. .	11	6	..	Non-condensing	"	River	..	..	..	..	..	..

Surveyed twice.

RETURN of STEAMERS and OIL-ENGINE VESSELS to which CERTIFICATES of SURVEY were issued, &c.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks
							Able Seamen.	Fremen.	Trimmers.	Crews.	
Tasman ..	87	45	210	Compound ..	Screw ..	Home trade ..	2	2	..	..	
Taviuni ..	974	..	1,050	Quadruple-expansion	" ..	" ..	6	3	2	3	
Tawera (Waikato)	..	8	..	Non-condensing	" ..	River ..	..	..	..	..	
Tawera (Auckland)	44	40	..	Oil-engines ..	" ..	Extended river	..	..	..	..	
Tawera (Inver'gill)	..	14	56	Compound ..	" ..	River ..	..	..	..	..	
Te Anau ..	1,028	350	1,245	" ..	" ..	Home ..	8	3	2	3	
Te Aroha ..	57	85	..	Oil-engines ..	" ..	Home trade ..	2	..	..	..	
Te Awahina ..	..	99	544	Triple-expansion	" ..	" ..	1	3	2	3	
Te Pioneer ..	24	..	58	Compound ..	" ..	" ..	1	..	..	..	First survey.
Te Waipounamu ..	20	23	..	Oil-engines ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Te Whaka ..	140	45	..	Compound ..	" ..	River ..	..	..	..	..	
Terawhiti ..	47	90	480	Triple-expansion	" ..	Home trade ..	2	3	..	..	
Theresa Ward ..	9	95	448	" ..	" ..	" ..	1	3	..	..	
Thistle ..	77	90	..	Oil-engine ..	" ..	" ..	2	..	..	..	
Thomas King ..	70	16	..	Non-condensing	" ..	Extended river	..	..	..	..	
Tofua ..	2,634	355	3,264	Triple-expansion	Twin-screw	Foreign trade	11	9	6	3	
Togo ..	..	14	..	Compound ..	" ..	River ..	..	..	..	..	
Tongariro ..	4	..	..	" ..	" ..	" ..	..	..	..	..	
Traveller ..	..	8	..	" ..	Screw ..	" ..	..	..	..	..	
Tuatea ..	58	28	230	" ..	" ..	Home trade ..	2	2	..	..	
Tu Atu ..	30	48	..	Oil-engines ..	Twin-screw	Extended river	..	..	..	..	
Tui (Auckland)	..	6½	..	Non-condensing	Screw ..	" ..	..	..	..	..	
Tui (Kaipara)	26	40	..	Oil-engines ..	" ..	River ..	..	..	..	..	
Tuirangi ..	72	22	..	Triple-expansion	" ..	" ..	..	..	..	..	
Tuna (Kaipara)	..	3½	..	Non-condensing	" ..	" ..	..	..	..	..	
Turanga ..	18	25	..	Oil-engines ..	" ..	Extended river	..	..	..	..	First survey.
Uira ..	..	3½	..	Non-condensing	" ..	River ..	..	..	..	..	
Uta ..	23	50	..	Oil-engines ..	" ..	" ..	..	..	..	..	
Variance ..	19	2½	..	" ..	" ..	Home trade ..	1	..	..	..	Fishing-vessel.
Vesper ..	36	16	..	" ..	" ..	" ..	2	..	..	..	
Victoria ..	92	50	..	Non-condensing	Paddle ..	River ..	..	..	..	..	
Victory ..	16	10	..	Oil-engines ..	Screw ..	Extended river	..	..	..	..	
Vivid ..	6	13	..	Non-condensing	" ..	River ..	..	..	..	..	
Waipapu ..	57	15	..	Oil-engines ..	" ..	Home trade ..	2	..	..	..	
Waibi ..	63	20	172	Compound ..	" ..	" ..	2	2	..	..	
Waikana ..	66	..	200	" ..	Twin-screw	River ..	..	..	..	..	
Waimarie (Auckland)	159	48	..	" ..	Screw ..	Extended river	..	..	..	..	
Waimarie (Wanganui)	53	20	..	Non-condensing	Paddle ..	River ..	..	..	..	..	
Waimea ..	207	100	601	Compound ..	Screw ..	Home trade ..	4	3	..	..	
Waione ..	48	30	..	" ..	" ..	River ..	..	..	..	..	
Waiora ..	..	56	66	" ..	" ..	" ..	..	..	..	..	
Waiotahi ..	168	56	289	" ..	Twin-screw	Home trade ..	4	3	..	..	
Waipori ..	1,229	180	1,029	Triple-expansion	Screw ..	Foreign trade	7	3	2	3	
Wairau ..	60	20	148	Compound ..	" ..	Home trade ..	2	2	..	..	
Waireka ..	72	..	240	Triple-expansion	Twin-screw	River ..	..	..	..	..	First survey.
Wairere ..	41	25	..	Non-condensing	Screw ..	" ..	..	..	..	..	
Wairoa (Nelson)	48	20	52	Compound ..	" ..	Home trade ..	2	1	..	..	
Wairoa (Kaipara)	49	40	125	Condensing ..	" ..	" ..	2	2	..	..	
Wairua ..	..	5	66	Compound ..	" ..	River ..	..	..	..	..	
Wairuna ..	2,530	369	1,991	Triple-expansion	" ..	Foreign trade	10	6	3	3	
Waitangi (Auckland)	34	62	349	Compound ..	Twin-screw	Home trade ..	2	3	..	..	
Waitangi (Dunedin)	31	45	30	" ..	Screw ..	" ..	2	1	..	..	
Waitemata ..	3,460	258	2,261	Triple-expansion	" ..	Foreign trade	11	9	3	3	
Waitohi ..	18	10	..	" ..	" ..	Extended river	..	..	..	..	
Waiwera (Henley)	..	16	..	Oil-engines ..	" ..	River ..	..	..	..	..	
Waiwera (Kaipara)	..	..	..	" ..	" ..	" ..	..	..	..	..	
Waiwiri ..	11	7½	..	Compound ..	" ..	Extended river	..	..	..	..	
Wakaiti ..	15	34	..	Oil-engines ..	Twin-screw	Home trade ..	2	..	..	..	First survey.
Wakapai ..	..	10	100	Compound ..	Screw ..	River ..	..	..	..	..	
Wakare ..	157	140	..	" ..	Paddle ..	Extended river	..	..	..	..	
Wakatu ..	95	23	149	" ..	Screw ..	Home trade ..	2	2	..	..	
Wanaka ..	1,572	280	1,042	Triple-expansion	" ..	Foreign trade	8	3	2	3	
Warrimoo ..	2,076	490	3,659	" ..	" ..	" ..	10	9	6	3	
Water-lily ..	18	10	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..	
Wave ..	29	38	..	" ..	" ..	" ..	1	..	..	..	
Waverley ..	93	25	104	Compound ..	Twin-screw	" ..	2	2	..	..	
Weka (Auckland)	86	27	..	" ..	" ..	River ..	..	..	..	..	
Weka (Napier)	53	20	98	" ..	Screw ..	Home trade ..	2	2	..	..	
Westland ..	8	64	402	Condensing ..	Paddle ..	Extended river	..	..	..	..	Tug.
Whakarize ..	449	120	630	Compound ..	Twin-screw	Home trade ..	5	3	..	..	Dredge.
Whangape ..	1,901	280	1,202	Triple-expansion	Screw ..	Foreign trade	8	3	2	3	
Will Watch ..	46	45	..	Oil-engines ..	" ..	Extended river	..	..	..	..	First survey.
Wootton ..	90	33	135	Compound ..	" ..	Home trade ..	2	2	..	..	
Young Bungaree ..	47	35	125	" ..	" ..	" ..	2	2	..	..	

\* Surveyed twice.

RETURN of INTERCOLONIAL SAILING-SHIPS to which SURVEY CERTIFICATES were granted during the Year ended 31st March, 1911.

Name of Vessel.	Tons Register.	Class of Certificate.	Minimum Number of Seamen required by Law to be carried.			Remarks.
			Able Seamen.	Ordinary Seamen.	Boys.	
Alexa .. .. .	286	Intercolonial	5	1	1	
Bankfields .. .. .	835	"	9	2	2	
Clyde .. .. .	87	"	2	1	..	
Helen Denny .. .. .	695	"	8	1	2	
Houto .. .. .	99	"	2	1	..	
Ilma .. .. .	318	"	6	1	1	
James Craig .. .. .	646	"	8	1	2	
Jessie Craig .. .. .	684	"	8	1	2	
Jessie Niccol .. .. .	93	"	2	1	..	Wrecked.
Joseph Craig .. .. .	694	"	8	1	2	
Kereru .. .. .	99	"	2	1	..	
Louisa Craig .. .. .	683	"	8	1	2	
Marjorie Craig .. .. .	499	"	7	1	1	
Northern Chief .. .. .	263	"	5	1	1	
*Selwyn Craig .. .. .	486	"	7	1	1	
Ysabel .. .. .	149	"	4	..	1	
Zingara .. .. .	185	"	4	..	1	

\* Surveyed twice.

RETURN showing Number of FISHING-BOATS REGISTERED and LICENSED at each Port during the Year ended 31st December, 1910.

Port.	Number registered.	Number licensed.	Port.	Number registered.	Number licensed.
Auckland .. .. .	255	244	Brought forward .. .. .	958	857
Bluff .. .. .	91	91	Oamaru .. .. .	31	30
Dunedin and Port Chalmers .. .. .	95	95	Picton .. .. .	32	32
Greymouth .. .. .	7	7	Poverty Bay .. .. .	25	11
Hokitika .. .. .	3	3	Russell .. .. .	59	59
Hokianga .. .. .	41	14	Tauranga .. .. .	93	32
Invercargill .. .. .	36	36	Thames .. .. .	83	41
Kaipara .. .. .	62	31	Timaru .. .. .	28	28
Lyttelton .. .. .	199	199	Wairau .. .. .	9	8
Mangonui .. .. .	..	..	Wanganui .. .. .	11	11
Napier .. .. .	62	62	Wellington .. .. .	103	61
Nelson .. .. .	66	51	Westport .. .. .	17	17
New Plymouth .. .. .	41	24			
Carried forward .. .. .	958	857	Totals .. .. .	1,449	1,187

STATEMENT showing PROSECUTIONS instituted by the MARINE DEPARTMENT in Connection with FISH and OYSTERS.

Name of Persons.	Offence.	Fine imposed.
Sharp, .. .. .	Trawling in prohibited waters .. .. .	10s. and costs.
Brown, C., and Gordon, E. .. .. .	Illegally taking oysters .. .. .	Summonses could not be served as wrong names apparently given.
Kereopa .. .. .	" .. .. .	£1 and costs.
George, A. .. .. .	In possession of undersized flounders .. .. .	" .. .. .
Dellabarca, A. .. .. .	Fishing with unlicensed boat .. .. .	5s. and costs.
Young, W. .. .. .	Setting net too close to others .. .. .	£1 and costs.
Gardiner, W. .. .. .	Selling fish taken in unlicensed boat .. .. .	10s. and costs.
Boyd, A. .. .. .	" .. .. .	" .. .. .
Dugdale, A. E. .. .. .	" .. .. .	£2 and costs.
Edwards, M. .. .. .	" .. .. .	5s. and costs.
Edwards, M. .. .. .	Taking undersized flounders .. .. .	£5 and costs.
Wallace, R. .. .. .	" .. .. .	£1 and costs.
Robenson, A. .. .. .	Illegally taking oysters .. .. .	£1 and costs.
Iverson, J. .. .. .	" .. .. .	£2 and costs.
Ratcliff, M. .. .. .	" .. .. .	£1 and costs.
Brooks, G. .. .. .	" .. .. .	£2 and costs.
Edwards, M. .. .. .	In possession of undersized flounders .. .. .	£5 and costs.
Edwards, M. .. .. .	Fishing with unlicensed boats .. .. .	5s. and costs.
Wallace, R. .. .. .	In possession of undersized flounders .. .. .	£5 and costs.
Malinquist, A. .. .. .	" .. .. .	£1 and costs.
Koskela, W. .. .. .	Emptying nets on dry land .. .. .	" .. .. .
Koskela, A. .. .. .	" .. .. .	10s. and costs.
Lamb, E. .. .. .	Stalling .. .. .	£3 and costs.



RETURN of ESTATES of DECEASED SEAMEN received and administered in pursuance of the Provisions of the Shipping and Seamen Act, 1908, during the Year ended 31st March, 1911.

Name of Seaman.	Balance to Credit of the Estate on 31st March, 1910.	Amount received.	Amount paid.	Balance to Credit of the Estate on 31st March, 1911.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
McCulloch, William .. .. .	.. .. .	7 11 9	7 11 9	.. .. .
Scott, George Stuart .. .. .	.. .. .	2 3 4	2 3 4	.. .. .
Hasler, Christopher .. .. .	.. .. .	7 4 9	.. .. .	7 4 9
Moraghan, Lawrence G. .. .. .	.. .. .	10 6 8	10 6 8	.. .. .
Crynes, John A. .. .. .	.. .. .	4 7 2	4 7 2	.. .. .
Grimshaw, John .. .. .	.. .. .	4 10 11	.. .. .	4 10 11
Dormant, Thomas Baird .. .. .	.. .. .	12 0 0	12 0 0	.. .. .
Whitehouse, Frederick .. .. .	.. .. .	4 17 8	4 17 8	.. .. .
Warren, J. .. .. .	.. .. .	0 13 0	0 13 0	.. .. .
Kempt, W. .. .. .	.. .. .	0 8 0	0 8 0	.. .. .
Malinquest, Charles .. .. .	.. .. .	5 17 11	5 17 11	.. .. .
Blair Alexander .. .. .	.. .. .	16 17 4	16 17 4	.. .. .
Stanley, Charles .. .. .	.. .. .	5 0 9	5 0 9	.. .. .
Fitzgerald, Michael .. .. .	.. .. .	3 16 9	3 16 9	.. .. .
Lewis, Arthur Penry .. .. .	.. .. .	18 8 3	.. .. .	18 8 3
Stein, B. .. .. .	3 10 0	.. .. .	3 10 0	.. .. .
Henderson, Samuel .. .. .	.. .. .	11 19 0	.. .. .	11 19 0
Tiernan, Peter .. .. .	.. .. .	6 3 10	6 3 10	.. .. .
Matheson, J. .. .. .	23 0 0	.. .. .	23 0 0	.. .. .
Tall, James .. .. .	.. .. .	7 11 6	.. .. .	7 11 6
Read (or Miller), James .. .. .	3 9 5	.. .. .	3 9 5	.. .. .
Henderson, W. .. .. .	3 12 6	.. .. .	3 0 0	0 12 6
Watters, J. H. .. .. .	1 4 7	0 13 0	1 4 7	0 13 0
Sellstrom, C. .. .. .	0 9 4	0 1 6	0 10 10	.. .. .
Ferguson, August .. .. .	2 10 0	.. .. .	2 10 0	.. .. .
Neilson, — .. .. .	2 15 0	.. .. .	2 15 0	.. .. .
Larsen, — .. .. .	2 15 0	.. .. .	2 15 0	.. .. .
Hansen, — .. .. .	2 15 0	.. .. .	2 15 0	.. .. .
Jorgensen, Albert .. .. .	2 10 0	.. .. .	2 10 0	.. .. .
Porter, J. .. .. .	0 13 4	1 17 10	.. .. .	2 11 2
Johanson, V. W. G. .. .. .	17 13 7	3 8 1	21 1 8	.. .. .
Devine, Thomas .. .. .	3 3 6	.. .. .	3 3 6	.. .. .
Rowley, James Edward .. .. .	20 4 9	.. .. .	20 4 9	.. .. .
Hall, E. .. .. .	2 10 2	.. .. .	2 10 2	.. .. .
White, William .. .. .	3 6 11	.. .. .	3 6 11	.. .. .
Totals .. .. .	96 3 1	135 19 0	178 11 0	53 11 1

RETURN showing AMOUNTS received prior to 1st April, 1910, standing to Credit of ESTATES of DECEASED SEAMEN, and for which CLAIMS have not been proved.

	£ s. d.		£ s. d.
Gustav W. Lindbloom, late A.B., "Wanderer" ..	2 10 10	Mrs. A. Jacobs, late stewardess, "Penguin" ..	2 3 6
John Forman, late A.B., "Waitemata" ..	3 4 5	H. McGuire, late sculleryman, "Penguin" ..	1 10 2
Henry Payne, late A.B., "Kini" ..	70 7 11	H. S. Molvig, late chief officer, "Countess of Ranfurly" ..	11 6 5
Percival Fulda, late steward, "Hawea" ..	2 8 5	Fred Berger, late fireman, "Awaroa" ..	4 15 11
E. Quimar, late A.B., "Sir Henry" ..	1 14 2	J. Peterson, late of "Ronga" ..	0 10 0
Anton Callas, late A.B., "Sir Henry" ..	2 7 6	C. Olsen, late of "Ronga" ..	0 8 0
E. J. Harper, late diver, "Huia" ..	0 0 4	J. Johnston, late of "Ronga" ..	0 8 0
Gustave Hanley, late A.B., "Waikonini" ..	3 7 6	J. McAlister, late of "Hoanga" ..	2 15 0
Hugh Trimble, late cook, "Frank Guy" ..	6 15 3	F. McNeil, late A.B., "Hoanga" ..	2 15 0
Nelson O. Stred, late A.B., "Helen Denny" ..	0 11 3	(Name unknown), late cook, "Hoanga" ..	2 7 8
T. Clark, late A.B., "Flora" ..	1 0 0	Pierre Johann, late A.B., "La Bella" ..	2 5 5
Erick A. Osterlund, late A.B., "Ganymede" ..	16 1 6	J. McPherson, late of "Ronga" ..	0 8 0
William Wood, late trimmer, "Arahura" ..	4 6 11	C. Foreman, late A.B., "Ronga" ..	0 8 8
E. Kelly, late O.S., "Surprise" ..	1 11 6	Kristopher Hansen, late of "Southern Isle" ..	0 15 11
E. Johansen, late A.B., "Surprise" ..	1 16 2	Thomas Thomas, late A.B., "Medora" ..	3 5 6
M. Peterson, late first mate, "Constance Craig" ..	7 10 0	James Brown, late fireman, "Hinemoa" ..	10 12 1
J. Nelson, late sailmaker, "Constance Craig" ..	0 10 0	Lindvist M. Matsen, late A.B., "Huia" ..	4 10 8
A. Maller, late of "Constance Craig" ..	0 5 0	Frederick Clark, late O.S., "Flora" ..	0 10 0
H. Hansen, late of "Constance Craig" ..	0 5 0	Robert Lewis, late cook, "Clyde" ..	0 16 0
T. Brown, late of "Constance Craig" ..	0 5 0	Frederick Smith, late A.B., "Moonah" ..	1 6 8
M. Keogh, late of "Constance Craig" ..	0 5 0	A. L. Menard, late chief engineer, "Duco" ..	1 8 0
Thor Christiansen, late A.B., "Haere" ..	0 2 10	S. Annis, late fireman, "Duco" ..	0 10 8
Duncan Kennedy, late A.B., "Kini" ..	5 16 9	J. W. Mutton, late fireman, "Duco" ..	0 10 8
J. Court, late chief officer, "Loch Lomond" ..	16 6 8	W. Waddilove, late chief officer, "Duco" ..	0 16 0
J. Dawson, late A.B., "Talune" ..	3 6 2	C. Williams, late second mate, "Duco" ..	0 12 0
C. Waddington, late A.B., "Loch Lomond" ..	10 11 0	W. Murdoch, late A.B., "Duco" ..	0 9 4
J. Jones, late A.B., "Loch Lomond" ..	11 12 0	William Mackay, late A.B., "Duco" ..	0 9 4
T. Grey, late A.B., "Loch Lomond" ..	11 12 0	P. Holmegard, late A.B., "Duco" ..	0 9 4
C. Sornson, late A.B., "Loch Lomond" ..	10 10 1	C. Hansen, late A.B., "Duco" ..	0 9 4
J. McKay, late A.B., "Loch Lomond" ..	11 12 0	J. Dahlborg, late A.B., "Duco" ..	0 13 4
C. Raath, late A.B., "Loch Lomond" ..	12 12 8	A. Cameron, late O.S., "Duco" ..	0 9 4
J. McVicar, late A.B., "Loch Lomond" ..	6 9 0	A. Sorrenson, late A.B., "Haeremai" ..	2 12 0
H. Cooper, late cook, "Loch Lomond" ..	18 11 0	J. Wallen, late A.B., "Haeremai" ..	3 13 8
Walter Owens, late A.B., "Kiripaka" ..	2 18 6	E. Hargreaves, late mate of "Aotea" ..	0 19 0
T. Woodford, late A.B., "Penguin" ..	3 12 6	David Davies, late cook, "Aotea" ..	1 4 10
E. Gale, late A.B., "Penguin" ..	3 12 6	O. Blanquist, late A.B., "Aotea" ..	1 18 2
W. Westacott, late A.B., "Penguin" ..	3 12 6	Rosso Conchetto, late A.B., "Aotea" ..	1 6 2
G. Gaffra, late donkeyman, "Penguin" ..	4 19 6	N. Tansley, late O.S., "Aotea" ..	1 1 6
James Piercy, late A.B., "Kia Ora" ..	1 2 2	Charles Roberts, late O.S., "Morning Light" ..	3 4 11
J. Ward, late fireman, "Penguin" ..	3 17 6	John Beer, late of launch "Akitio" ..	18 0 9
G. Barnes, late trimmer, "Penguin" ..	4 1 8	Alfred Tronson, late mate, "Rangi" ..	6 8 7

RETURN OF WRECKS and CASUALTIES to SHIPPING reported to the MARINE DEPARTMENT from the 1st April, 1910, to the 31st March, 1911.

Date of Casualty.	Vessel's Name, Age, and Class.	Reg.	Register Tonnage	Number of		Nature of		Place where		Wind.		Finding of Court of Inquiry	Name of Master.
				Crew	Passen- gers.	Cargo.	Casualty.	of Lives Lost.	Casualty occurred.	Dirac- tion.	Force.		
1910. Mar. 21	Holmdale, s.s., 9 years	Schooner	197	12	General	Stranded; no damage	..	3 miles from lighthouse, Farewell Spit	..	Calm	Vessel grounded on sandspit when tide was ebbing, but floated off at high water	J. Robinson.	
April 13	Wairau, s.s., 10 years	Schooner	59	9	Coal	Stranded; tri- fling damage	W.	North Head, Manawatu River	W.	Moderate gale	Vessel stranded after crossing the bar, but was got off undamaged	Edward Shaw.	
"	Kennedy, s.s., 45 years	Schooner	131	14	Explosives	Broken rudder-head and cracked steam-pipe; slight dam- age	N.W.	Off Greymouth	N.W.	Gale	When waiting for an opportunity to cross the bar a heavy gale sprang up, and caused the quadrant of the steering-gear to break, and about the same time the main steam-pipe of the port engine cracked. Vessel was towed to Nelson for repairs	J. E. Stevens.	
"	May Howard, 24 years	Auxiliary schooner	55	5	Ballast	Collision; tri- fling damage	..	Tri Passage, Hauraki Gulf	W.	Light	The collision was caused by the culpable neglect of Thomas Martin, A.B., who was steering the May Howard, in not keeping a proper look-out. The owner of the May Howard was ordered to pay costs, £10	Thomas Jones.	
"	Tally Ho, 13 years	Schooner	51	3	Coal	Collision; tri- fling damage	..	Tokomaru Bay	S.	Heavy gale	Vessel was at anchor riding out the gale, when the cables parted, and she was beached at a favourable spot	P. Petersen.	
"	Orete, 6 years	Auxiliary schooner	78	8	General	Stranded; tri- fling damage	..	50 miles N.E. of Port Awanui, East Cape	S.S.W.	Heavy gale	The vessel went into Awanui to discharge cargo, but the wind rising the master thought it advisable to put to sea. A fierce gale from S.S.W. sprang up, and the vessel's masts went by the board	W. C. Barnes.	
"	Waiapu, 17 years	Auxiliary schooner	57	6	General	Dis- masted; £500 damage	..	Patea Bar	..	Calm	Stranded through the channel being obscured by fog.	A. H. Fisk.	
"	Aorete, s.s., 23 years	Ketch	49	9	General	Stranded; no damage	..	45 miles N. of Banks Peninsula	N.E.	Fresh breeze	Owing to faulty casting three blades of the port propeller were thrown off	W. C. Scott.	
May 10	Kairaki, s.s., 1 year	Schooner	181	16	General	Lost propeller- blades; £15 damage	..	Opito Bay, Coromandel Peninsula	W.	Fresh breeze	The steering-gear of the "Wanderer" was ac- cidentally disabled, and she drifted against the "Stella," which was unable to get clear as she was towing a raft of logs	E. Sellars.	
"	Stella, s.s., 34 years	Schooner	157	12	..	Collision; tri- fling damage	..	South Beach, entrance Manawatu River	W.	Fresh breeze	Owing to insufficiency of water on the bar the vessel touched bottom, and, losing way, was washed ashore on the South Spit. She was got off a few days later	G. Page.	
"	Wanderer, 7 years	Schooner	85	4	..	..	..	Queen's Wharf, Wel- lington	..	Calm	The "Natore" ran into the hulk owing to the engineer putting the engines full ahead instead of full astern	W. T. Bridgen.	
"	Queen of the South, s.s., 33 years	Schooner	121	13	General	Stranded; tri- fling damage	..	Owhata Bar	..	Calm	Vessel touched slightly when being towed over the bar	H. W. Har- greaves.	
"	Natore, s.s., 10 years	Cutter	50	3	Nil	Collision; tri- fling damage	..	60 miles W. of Cape Farewell	W.	Heavy gale	During a heavy gale with fierce squalls some of the standing rigging and jib-stay parted, and the vessel put into Wellington for repairs	A. Running	
"	William Manson, 32 years	Hulk	366	1	Coal	..	..	..	..	..	..	Thomas Richards	
June 6	Isabella de Fraine, 8 years	Schooner	93	5	Timber	Stranded; no damage	..	..	..	..	..	..	
"	Speculant, 15 years	Barquen- tine	363	10	Timber	Damage to rig- ging	..	..	..	..	..	..	

	13	14	21	21	25	26	26	27	28	28	July 4	10	11	20	20	Aug. 5	
	Mana, s.s., 24 years	Energy, s.s., 11 years	Waimarie, s.s., 14 years	Advance, O.E.V.	Wootton, s.s., 6 years	Indradevi, s.s., 10 years	Kia Ora, s.s., 7 years	Lauderdale, s.s., 21 years	Wootton, s.s., 10 years	Falcon, 33 years	Bossuet, 10 years	Saucy Kate, 34 years	Storm, s.s., 6 years	May Howard, 24 years	Vesper, 8 years	Defender, s.s., 10 years	
	77	17	159	5	90	3,702	15	1,071	90	98		41	186	55	20	109	
	10	5	17	2	10	54	2	24				3	15	5	4	11	
	Schooner	Ketch	Schooner	Cutter	Schooner	Schooner	Cutter	Schooner	Schooner	Schooner	French barque	Schooner	Ketch	Auxiliary schooner	Auxiliary ketch	Schooner	
General	General	General	General	Nil	Kerosene	General	Nil	Timber	General	Nil	Timber	Shingle	Oats	Cement	Nil	General	
Stranded; no damage	Broken shaft; trifling damage	Collision; no damage	Collision; damage, £15	Trifling accident to machinery	Fire; about £8,000 damage	Burnt; total loss	Stranded; total loss	Collision; no damage	Collision; trifling damage	Stranded; no damage	Saw mped; damage, £70	Trifling accident to machinery	Collision; no damage	Collision; trifling damage	Stranded; no damage		
On bar of Patea River	Off Whangaparaoa Peninsula	9 miles from Thames, Hauraki Gulf	Off Akaroa	Auckland Harbour	Timaru Harbour	1 1/2 miles S. of Breakwater, Greymouth	Wharf, Blackball	Otago Heads	Big Noisy Island	Bluff Harbour	Hobson Street Wharf, Auckland Harbour	Reef Spit, Tory Channel					
N.W.	W.	S.E.	N.E.			N.E.		E.N.E.	S.W.	W.	N.E.						
Moderate	Light	Light	Light	Calm		Fresh breeze		Strong	Gale	Light	Moderate gale	Calm					
A series of heavy seas caused the vessel to touch ground and lose way, when the current caught her bows and swung her round, and she was run ashore. Refloated undamaged	Tail-shaft broke, probably owing to flaw in casting	The fishing-vessel "Advancer" was at anchor in or near the fairway, and was run into by the "Waimarie" owing to no proper lookout being kept on the latter vessel	Bolts of stern-gland carried away, causing the gland to revolve with the shaft	There is no conclusive evidence as to the cause of the fire, but as the paint and oil room was immediately above the seat of the fire the Court was of opinion that there was a probability of oil having leaked into the charcoal insulation, and there generated by oxidation sufficient heat to cause ignition	Vessel at anchor in harbour was discovered to be on fire; origin unknown	When crossing the bar of the Grey River the vessel touched ground, lost steerage-way, and grounded on the bank of the river. When backing off she struck some submerged object, which pierced her bilges and caused her to make water rapidly, and the master beached her to avoid foundering	The river being in flood carried the "Wootton" against the bows of the "Falcon," causing some damage to bulwarks	The vessel was coming in without the aid of a pilot, when she took the ground off Howell's Point. She was got off without damage	The vessel was beached to load shingle, when the wind suddenly changed, causing seas to wash over her	A nut worked loose in L.P. cylinder, and necessitated drawing the piston	When coming to her anchorage the "May Howard" bumped into the "Vesper," and carried away the latter's jibboom	The night was unusually dark, the high hills throwing deep shadows, and the channel being narrow and tortuous a slight deflection stranded the vessel					
G. T. Dixon.	P. R. McGill.	W. Bettis.	D. Jefferson.	W. H. Wilkes.	C. H. Matson.	W. F. Clark.	D. Jefferson.	F. Le Troquer.	W. J. Payne.	J. Broadhouse.	Thomas Jones.	James Jamieson.					

RETURN OF WRECKS and CASUALTIES to SHIPPING reported to the MARINE DEPARTMENT, N.C.—*continued*.

Date of Casualty.	Vessel's Name, Age, and Class.	Rig.	Registered Tonnage	Number of Crew	Passengers.	Nature of Casualty.		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master
						Cargo.	Casualty.			Direction.	Force.		
1910. Aug. 10	Orakei, 28 years	Schooner	32	3	..	Ballast	Stranded; no damage	..	New entrance, Nelson Harbour	..	Calm ..	Wind dropped when vessel was passing through the entrance, and the strong current carried her ashore	J. M. Etheridge.
"	Warrimoo, s.s., 19 years	Schooner	2,076	..	..	General	Loss of life ..	1	Lat. 37° 33' S., Long. 163° 45' E.	..	..	A steerage passenger named J. R. Brochie jumped overboard and was drowned. The ship was promptly stopped, and a boat lowered, but he had disappeared. Suspected to have been a case of suicide	C. Cliff.
"	Kotuku, s.s., 11 years	Schooner	662	20	1	Coal	Collision; no damage	..	Wharf, Onchunga ..	S.W.	Light	The "Rosamond" had moored at the wharf, alongside, was carried by the strong current into the "Kotuku," and the "Kotuku's" anchor caused some damage to the other vessel's plates	Walter Scott.
"	Rosamond, s.s., 27 years	Schooner	462	21	..	General	Collision; slight damage	..	Lat. 41° 58' S., Long. 168° 44' W.	N.W.	Moderate	Valve-spindle of I.P. engine broke, and vessel put into Wellington for repairs	J. G. Watson. C. F. Semple
"	Navarino, s.s., 3 years	Schooner	3,300	33	..	Coal	Accident to machinery; damage, \$210	..	Lat. 41° 58' S., Long. 168° 44' W.	N.W.	Moderate	Valve-spindle of I.P. engine broke, and vessel put into Wellington for repairs	J. G. Watson. C. F. Semple
"	Orakei, 28 years	Schooner	32	3	..	Ballast..	Stranded; no damage	..	Tahuna Beach, Nelson Harbour	N.W.	Strong..	The "Orakei" was stranded through default and neglect of the master in failing to anchor the vessel properly, and neglecting to place any one on watch. The default and neglect were due to intoxication on the part of the master, whose certificates as master (home trade) and as first mate (foreign-going) were suspended for twelve months, and he was ordered to pay the cost of the inquiry, £13 14s. 8d. The term of suspension of his certificates was afterwards reduced to six months	J. M. Etheridge.
Sept. 1	Glen shee, 28 years	Barque	831	15	..	General	Damage to bulwarks, &c.	..	Lat. 40° 39' S., Long. 26° 48' E.	N.W.	Strong..	When off Cape Hope the vessel experienced a heavy storm, and general damage was caused by seas breaking on board	A. Askaksen.
"	Felicity, 25 years	Ketch ..	24	3	..	General	Stranded; total loss	..	Entrance, Wellington Harbour	S.E.	Heavy gale	The jib-pannant carried away, and the vessel missed stays and was carried on to the rocks	John Anders on.
"	Mana, s.s., 24 years	Schooner	77	10	..	General	Stranded; no damage	..	Bar, Patea River ..	W.	Moderate	Stranded on the bar owing to insufficiency of water, but was got off on 3rd October without damage	G. T. Dixon.
"	Phantom, s.s., 19 years	Ketch ..	18	5	..	Trawler	Collision; trifling damage	..	Port Ahuriri ..	..	Calm ..	Struck the "Iron Pot" bridge owing to the engineer going full ahead instead of full astern	D. A. Sharp.
"	Kotuku, s.s., 10 years	Schooner	662	20	..	General	Broken shaft; damage, £50	..	Lat. 38° 20' S., Long. 173° 28' E.	W.N.W.	Fresh breeze	The intermediate shaft broke owing to internal flaw in the metal	John Flynn.

21	Savaii, s.s., 14 years	Schooner	31	4	..	Trawler	Fire; trifling damage	..	Port Ahuriri	..	..	Nothing to show how fire originated	Edward Fredericks.
28	Strathelyde, s.s., 4 years	Schooner	2,842	33	..	Coal	Damaged rudder	..	Lat. 49° 40' S., Long., 158° 48' E.	Gale	W.	Heavy seas caused the rudder-stock to break	W. G. Watt.
29	Rarawa, s.s., 8 years	Schooner	460	..	..	..	Loss of life	1	Between Onehanga and New Plymouth	..	..	A passenger named Joseph Thompson was found to be missing when the vessel arrived at New Plymouth, and is supposed to have fallen overboard	W. F. Norbury.
Oct. 9	Victoria, s.s., 7 years	Schooner	1,869	75	55	General	Stranded; no damage	..	Port Chalmers	..	..	In making room for another steamer she grounded on a sandbank, but got off without injury	G. F. Entwistle.
"	Sterling, s.s., 19 years	Schooner	25	9	..	Nil	Collision; no damage	..	Kaipara Bar	Light	N.	When the tug "Sterling" was approaching the "Eliza Firth" to take her in tow she ran into the stern of the latter vessel	(J. Murray.
"	Eliza Firth, 41 years	Schooner	143	8	..	Produce	Collision; no damage, £100	..		..	..	..	
"	Isabella de Fraine, 9 years	Ketch	93	5	..	Timber	Stranded; no damage	..	Kaipara Bar	Fresh breeze	N.E.	When heaving in anchor the vessel drifted on to a sandbank	A. Running.
Nov. 10	Putiki, s.s., 6 years	Schooner	157	15	..	Cattle	Stranded; no damage	..	In Buller River	Light	S.W.	Helm was starboarded in error, and vessel ran ashore on river-bank, but got off shortly afterwards	F. Dewhuist.
"	Kaitangata, s.s., 3 years	Schooner	1,219	27	..	General	Stranded; no damage	..	Bluff Harbour	Light	S.E.	Vessel was carried by tide on to a sandbank, and stuck for about half an hour	A. M. Edwin.
"	Defender, s.s., 9 years	Ketch	109	12	..	Timber	Stranded; trifling damage	..	Bar, Karamea River	Fresh breeze	S.W.	Vessel stranded on bar through insufficiency of water	J. Jamieson.
Dec. 1	Wootton, s.s., 10 years	Schooner	90	10	..	Timber	Stranded; £150 damage	..	Kaiapoi Bar	Light	S.E.	Vessel struck bar and lost her rudder, but was floated into smooth water without further damage	D. Jefferson.
"	Alexa, 5 years	Barquentine	286	12	..	Timber and coal	Stranded; about £400 damage	..	Bar, Wanganui River	Strong	W.	A big sea rolling in caused the vessel to touch bottom and lose steering-way, and, being out of control, she drifted ashore	James White.
"	Maori, s.s., 3 years	Schooner	1,433	..	..	General	Loss of life	1	Off Godley Head	..	..	A passenger named Lawrence was observed how he fell overboard. Everything possible was done to rescue him, but he disappeared immediately	B. M. Aldwell.
"	Pateana, s.s., 26 years	Schooner	550	47	..	General	Collision; about £70 damage	..	Picton Wharf	Light	S.	The "Kairaki" when berthing bumped into the "Pateana," moored at the wharf, and damaged plates and bulwarks of that vessel. Accident caused by a lighter having occupied berth allotted to "Kairaki"	J. T. Crawford.
"	Kairaki, s.s., 1 year	Schooner	181	16	..	Produce	Collision; damage, £15	..		..	..	..	
"	Jessie Niccol, 39 years	Schooner	93	7	..	General	Stranded; total loss	3	3 miles S. of Nuggeta, Macquarie Island	Fresh breeze	N.	The vessel was anchored in the roadstead at Macquarie Island when a change of wind made it necessary to shift her, but she missed stays and drifted ashore. The Court considered that the master acted to the best of his judgment in trying circumstances, but was of opinion that he committed an error of judgment in not remaining at his anchorage until there was sufficient wind to enable him to sail out. The master, the first mate, and the cook were drowned.	J. W. Holmes.

## RETURN OF WRECKS and CASUALTIES to SHIPPING reported to the MARINE DEPARTMENT, &amp;c.—continued.

Date of Casualty	Vessel's Name, Age, and Class.	Rig.	Register Tonnage	Number of		Nature of		Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
				Crew	Passen- gers.	Cargo.	Casualty.		Direction.	Force.		
1910. Dec. 26	Monowai, s.s., 21 years	Schooner	2,137	50	General	Fire; no damage to vessel	..	Wharf, Dunedin	..	..	A fire was discovered in No. 3 hold, but was extinguished without damage to the ship. Cause unknown	J. Robertson.
1911. Jan. 1	Lindstol (Norwegian), 8 years	Schooner	368	8	Ballast..	Collision; trifling damage	..	Aoroa Wharf, Kaipara Harbour	N.E.	Fresh breeze	(The "Lindstol" not having sufficient stowage-way, sagged on to the "Northern Chief," moored at the wharf	John Johnson. C. J. Jensen.
"	Northern Chief, 23 years	Barque	263	10	Ballast..	Collision; no damage	..		Wharf, Tauranga	..		..
"	Victory, 8 years	Auxiliary ketch	17	4	General	Fire; trifling damage	..	Ferry Wharf, Wellington	..	Calm	Vessel sank at her moorings, presumably through a sea-cock being left open. Since refloated	J. Corich.
"	Pilot, s.s., 27 years	Schooner	27	3	Nil	Foundered; no damage	..	Bar, Karamea River..	..	Calm	The "Zingara" was being towed out of the Karamea River by the s.s. "Mangapapa," but a strong breeze and the set of the current caused the vessels to drift to leeward, and the master of the "Mangapapa" cut the tow-rope to avoid going ashore. The "Zingara" then anchored, but the current caused the anchor to drag, and the wind having dropped she was unable to make sail, and went ashore. The Court found no blame attached to any one	A. Sommers.
"	Zingara, 5 years	Schooner	185	9	Timber	Stranded; damage, £1,300	..	Bar, Karamea River..	..	Calm	Stranded through insufficiency of water on bar	F. Fletcher.
"	Mangapapa, s.s., 9 years	Schooner	87	11	General	Stranded; trifling damage	..	Bar, Karamea River..	..	Calm	Stranded through insufficiency of water on bar	Edward Shaw.
"	Wairau, s.s., 11 years	Schooner	59	9	Ballast..	Stranded; no damage	..	Otago Harbour	..	Calm	Took the ground in narrow channel, but came off uninjured	W. T. Clark.
"	Holmdale, s.s., 5 years	Schooner	197	12	Timber	Stranded; no damage	..	Port Ahuriri	S.W.	Light	When the vessel was berthing the tide carried the vessel against the pier	J. Morrison.
Feb. 2	Hauptiri, s.s., 26 years	Schooner	452	29	General	Collision with wharf; trifling damage	..	Hauraki Gulf	S.W.	Squally	Vessel was struck by a heavy squall, and capsized. The Court found that the accident was due to there being more deck cargo than there should have been, and that it was not properly secured. The master was ordered to pay the costs of the inquiry, £9 9s.	Arthur Clark.
"	Kiwi, 9 years..	Cutter..	17	2	Coke	Capsized; damage, £20	..	Bar, Karamea River..	S.W.	Light	Stranded in narrow channel through wind falling	J. Pearson.
"	Whangaroa, 18 years	Schooner	132	8	..	Stranded; no damage	..	Cook Strait	S.S.E.	Light	Fire occurred amongst household furniture and personal effects stowed on top of cargo. Supposed to have been caused by rats gnawing matches	D. Ritchie.
"	Rosmond, s.s., 26 years	Schooner	462	25	General	Fire; no damage to vessel	..					

No.	Name of vessel and date	Tonnage	Cargo	Accident	Location	Weather	Description of accident	Name of person
17	Knight of the Garter, s.s., 8 years	4,295	55	General	Channel Rocks, Bluff Harbour	Calm	The master of the vessel was guilty of error of judgment in entering the port without a pilot, contrary to the sailing directions in the "New Zealand Pilot." In the opinion of the Court the look-out service at Stirling Point was wanting in efficiency, and if the look-out men had had their services better defined it is probable that the initial mistake of the master would have been rectified in time to have averted the disaster. The master was ordered to pay £40 towards the costs of the inquiry, and the Bluff Harbour Board was ordered to pay the balance, £9 13s. 5d.	C. H. Finnis.
25	Kiwi, 9 years..	17	2	Sand	Oreore Point, Hauraki Gulf	Gale	Vessel was put on beach to load sand, when wind changed, blew a heavy gale, and drove the vessel up on the beach	A. Clark.
26	Rosamond, s.s., 26 years	462	25	General	30 miles N. of Stephen's Island	Gale	Straining of ship in heavy sea caused bulk-head of aft ballast-tank to give way	D. Ritchie.
Mar. 3	Orakei, 29 years	32	3	Timber	..	Gale	The weather-shrouds carried away, and the mainmast broke and went overboard	D. Bonner.
9	Jane Douglas, 37 years	75	9	Ballast	North Spit, Okuru River	Fresh breeze	Insufficiency of water on the bar	C. Vendore.
11	Pateena, s.s., 28 years	550	48	General	1/2 mile W. of Nelson Lighthouse	Calm	When transferring passengers the "Pateena" bumped against the stern of the "Maipourika"	W. P. Collins.
11	Mapourika, s.s., 13 years	718	43	Coal	..	Calm	..	C. McLeau.
15	Weka, s.s., 26 years	53	9	Tallow, &c.	Iron Pot, Port Ahuriri	Calm	Tidal current caused the vessels to collide when entering basin	(S. Holland.
15	Pania, s.s., 15 years	35	4	Ballast	..	Squally	..	(J. Hodgkinson.
15	Glenshee (Norwegian)	831	..	..	Lat. 38° 33' S., Long. 148° 41' E.	..	..	A. Aslaksen.
26	Jane Douglas, s.s., 37 years	75	9	Ballast	4 miles from Hokitika	..	Propeller dropped off through flaw in tail-shaft	C. Vendore.
30	Knight of St. George, s.s., 21 years	2,967	40	General	Lefuka Island, Friendly Islands	Calm	When passing through Miuuhukia Passage the vessel struck some submerged object	D. K. Stephens.

SUMMARY of CASUALTIES to SHIPPING reported to the Marine Department during the Financial Year ended the 31st March, 1911.

Nature of Casualty.	Casualties on or near the Coasts of the Dominion.						Casualties outside the Dominion.						Total Number of Casualties reported.					
	Steamers.			Sailing-vessels.			Total within Dominion.			Steamers.			Total outside Dominion.			No. of Vessels.	Tonnage.	No. of Lives lost.
	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.			
<b>Strandings,—</b>																		
Total wrecks	1	1,071	..	1	24	..	2	1,095	..	..	..	..	1	93	3	3	1,188	3
Partial loss	2	4,385	..	3	488	..	5	4,873	..	..	..	..	..	..	..	5	4,873	..
Slight damage	5	333	..	..	..	..	5	333	..	..	..	..	..	..	..	5	333	..
No damage	11	4,206	..	6	382	..	17	4,588	..	..	..	..	..	..	..	17	4,588	..
Total strandings	18	9,995	..	10	894	..	28	10,889	..	..	..	..	1	93	3	30	10,982	3
<b>Foundered,—</b>																		
Slight damage	1	27	..	1	41	..	2	68	..	..	..	..	..	..	..	2	68	..
<b>Collisions,—</b>																		
Partial loss	..	..	..	3	529	..	3	529	..	..	..	..	..	..	..	3	529	..
Slight damage	12	2,661	..	3	474	..	15	3,135	..	..	..	..	..	..	..	15	3,135	..
No damage	6	1,589	..	2	318	..	8	2,007	..	..	..	..	..	..	..	8	2,007	..
Total collisions..	18	4,350	..	8	1,321	..	26	5,671	..	..	..	..	..	..	..	26	5,671	..
<b>Fires,—</b>																		
Total loss	1	15	..	..	..	..	1	15	..	..	..	..	..	..	..	1	15	..
Partial loss	1	3,702	..	1	17	..	2	3,719	..	..	..	..	..	..	..	2	3,719	..
No damage	3	2,630	..	..	..	..	3	2,630	..	..	..	..	..	..	..	3	2,630	..
Total fires	5	6,347	..	1	17	..	6	6,364	..	..	..	..	..	..	..	6	6,364	..
Miscellaneous, including damage by heavy seas to hull, loss of masts, sails, &c., and break-down of machinery	9	4,771	..	5	1,300	..	14	6,071	..	..	..	..	..	..	..	16	12,213	..
Total casualties to shipping	51	25,490	..	25	3,573	..	76	29,063	..	..	..	..	1	93	3	79	35,238	..
Loss of life only	2	1,893	2	..	..	..	2	1,893	2	2	2,907	2	..	..	..	4	4,800	4
Total number of casualties reported	53	27,383	2	25	3,573	..	78	30,956	2	4	9,049	2	1	93	3	83	40,098	7



RETURN showing the NOTICES to MARINERS relating to Matters within the Dominion issued by the Marine Department during the Year ended 31st March, 1911.

Port or Place.	Subject of Notice.
Auckland Harbour .. ..	Removal of rocks, Rangitoto Channel.
" .. ..	Removal of Freeman's Bay Dolphin and Kaipara Shoal.
" .. ..	Light-vessel.
" .. ..	Dredging channel, Shoal Bay.
" .. ..	New light on Railway Wharf.
" .. ..	Bean Rock light.
" .. ..	Protected anchorages for yachts.
" .. ..	Wharf lights.
" .. ..	Light on O'Neill's Point Wharf.
" .. ..	Magnetic bearings of leading-lights on O'Neill's Point Wharf.
" .. ..	Light on Orakei Wharf.
" .. ..	Pile-driver near No. 4 Jetty.
" .. ..	Protected anchorages for yachts.
" .. ..	Kaipara Shoal.
" .. ..	Signals revised.
Bluff Harbour .. ..	Lights established.
Cape Maria van Diemen .. ..	Characteristics of light changed during repairs.
" .. ..	Characteristics resumed.
" .. ..	Use of revolving light resumed.
Dusky Sound .. ..	Rock off Indian Island.
" .. ..	Dangerous rock south-west of Parrot Island.
" .. ..	Dangerous rock south-west of Parrot Island (further notice).
Gisborne .. ..	Dredging operations.
Godley Head Light .. ..	Arc of visibility.
Golden Bay .. ..	Terakohe Wharf.
Great Barrier Island .. ..	Beacons erected at Whangaparapara Heads.
" .. ..	Light on beacons at Whangaparapara Heads.
Greymouth Harbour .. ..	Night signalling by Morse system.
Hokianga .. ..	Change in channels.
" .. ..	Soundings in channels.
" .. ..	Soundings in channels (further notice).
Kaipara Harbour .. ..	Change of channel and buoys in Wairoa River.
" .. ..	Alteration of buoys in Wairoa River.
" .. ..	Entrance to harbour.
Kawhia .. ..	Alteration of bar and change of beacons.
" .. ..	Change of leading-beacons.
Lyttelton Harbour .. ..	Dredging operations.
Manukau Harbour .. ..	Beacon re-erected.
Napier .. ..	Glasgow Wharf light.
Nelson .. ..	Wreck of s.s. "Koi."
" .. ..	Removal of wreck of s.s. "Koi."
" .. ..	Leading-marks for approach.
" .. ..	New buoys and shoaling.
" .. ..	Shoaling of harbour.
" .. ..	Dredging operations.
" .. ..	Dredging operations (further notice).
New Plymouth .. ..	Dredging at entrance.
" .. ..	Position of dredge changed.
New Zealand coast .. ..	Corrections to be made in "New Zealand Pilot," 8th Edition, 1908.
" .. ..	Four-fathom Shoal off Cheviot coast.
" .. ..	"New Zealand Nautical Almanac," and "Tide Tables," and "Supplement to the New Zealand Pilot," 8th Edition, 1908.
" .. ..	Three-fathom Shoal off Cheviot coast.
" .. ..	Bushett Shoal off Cheviot coast.
" .. ..	"New Zealand Nautical Almanac," <i>errata</i> .
" .. ..	Three Kings incorrectly charted.
Oamaru .. ..	Dredging operations.
" .. ..	Breakwater light.
Otago .. ..	Main channel, Harrington Point to Port Chalmers: Change in colour and new lights established.
" .. ..	Alteration in position of beacons.
" .. ..	Main channel, Harrington Point to Port Chalmers: New lights established.
" .. ..	Exhibition of light on Goat Island.
" .. ..	Port Chalmers signals.
" .. ..	Removal of buoy south of Harrington Point.
" .. ..	Beacons in lower harbour.
Poverty Bay .. ..	Tuahine Lighthouse removed.
Queen Charlotte Sound .. ..	Change in light on Jackson's Head beacon.
" .. ..	Characteristic of light on Jackson's Head changed temporarily.
" .. ..	Characteristic of light resumed.
" .. ..	Light on Dieffenbach Point.
Stewart Island .. ..	Shoal off Paterson's Inlet.
" .. ..	Reported rocks off Stewart Island.
" .. ..	Rock off South-west Cape.
Sumner Estuary .. ..	Sandbank in.
Tokomaru Bay .. ..	Buoys placed in.
" .. ..	Leading-beacons erected.
Wairau River .. ..	Black buoy at mouth of.
Waitara Harbour .. ..	Night signalling by Morse system.
Wanganui River .. ..	New mole and light at entrance.
Wellington Harbour .. ..	Lights at seaward end of Clyde Quay Wharf.
" .. ..	Light on Petone Wharf.
" .. ..	Light on seaward end of Wellington Harbour Board City wharves.
" .. ..	Temporary electric arc lights on Dorset Point.
Whangarei Harbour .. ..	Change in character of harbour light.

## LIST of BOYS who joined s.s. "Amokura" prior to 31st March, 1911.

Name.	Date of Joining.	Date of Discharge.	Occupation taken up on Discharge.
Whitelaw, L. C.	12/3/07	21/6/08	Joined s.s. "Kittawa" as O.S.
Canavan, C. F.	12/3/07	10/9/08	Discharged owing to sickness.
Hannan, J. M.	20/3/07	6/9/08	Joined s.s. "Tutanekai" as O.S.
Stemp, A. H.	12/3/07	16/11/08	" " "Rippingham Grange" as O.S.
Macvean, D. E. J.	12/3/07	29/9/08	" " "Pateena" as O.S.
Reeves, J. M.	17/3/07	29/9/08	" " "Putiki" as O.S.
Campbell, J. A.	15/3/07	15/11/08	" " "Tutanekai" as O.S.
Holder, R.	22/3/07	13/5/09	" " "Rotoiti" as O.S.
Heaphy, E. A.	20/3/07	24/9/08	Joined schooner "Clyde" as O.S.
Miller, C.	27/5/07	25/11/08	" barquentine "Helga" as O.S.
Johnstone, J. A.	14/3/07	25/11/08	" " " as boy.
Guthrie, T. J.	12/3/07	27/11/08	" s.s. "Maori" as O.S.
Schlaadt, E. A.	20/3/07	10/12/08	" " "Monowai" as O.S.
McKay, F. D.	16/3/07	13/12/08	Did not go to sea; working on vessels in port Found berths on ships, but parents objected to their going.
McKay, H.	16/3/07	13/12/08	Working on dredges on River Molyneux.
McNabb, C. H.	30/5/07	13/12/08	Joined s.s. "Warrimoo" as O.S.
Tait, G.	21/3/07	18/9/08	Discharged on parents' request.
Varcoe, C.	31/5/07	13/12/08	Joined s.s. "Waikare" as O.S.
Macalister, J.	22/3/07	17/6/08	Discharged on parents' request.
Hay, E. D.	21/3/07	8/1/09	Joined "Joseph Craig" as O.S.
Hay, V. J.	21/3/07	8/1/09	" " "Marjorie Craig" as O.S.
Marshall, G. W.	14/3/07	2/2/09	" " "Jessie Craig" as O.S.
Mitchell, D.	5/7/07	2/2/09	" s.s. "Wakanui" as O.S.
Neels, R.	12/3/07	8/2/09	" " "Manapouri" as O.S.
Scott, W. V. A.	17/5/07	8/2/09	" " "Kini" as O.S.
Ellisson, L. G.	27/6/07	8/2/09	" " "Hinemoa" as O.S.
Taylor, W. H.	15/7/07	8/2/09	" " " as boy.
Walker, J. E.	15/5/07	18/2/09	" " "Te Anau" as O.S.
Nelson, F.	24/6/07	1/3/09	" " "Maori" as O.S.
Seymour, W.	28/5/07	4/3/09	" " "Takapuna" as O.S.
Trudgeon, A.	22/5/07	21/5/09	Training completed, returned home at parents' request.
Davies, H.	17/10/07	11/5/09	Joined s.s. "Moana" as O.S.
Burborough, W. H.	3/12/07	17/5/09	" H.M.S. "Challenger" as boy.
Grace, I. W.	30/10/07	17/5/09	" " " "
Brown, D. M.	22/10/07	17/5/09	" " " "
Talbot, P. D.	3/7/07	24/5/09	" s.s. "Maori" as O.S.
Wyllie, E.	7/11/07	17/5/09	" " "Hinemoa" as boy.
Kemp, R.	29/3/07	16/4/09	Training completed, returned home at parents' request.
Fea, D.	15/5/07	25/7/08	Discharged on parents' request.
Langmuir, I.	18/6/07	27/4/09	Training completed, returned home at parents' request.
Soper, A. H.	3/11/08	18/5/10	Joined H.M.S. "Pioneer" as boy.
McCullough, C. C.	22/5/07	1/6/09	" s.s. "Pateena" as O.S.
Hurley, G. A. R.	22/2/09	8/8/10	" " "Pateena" as O.S.
Bond, B.	2/7/07	2/7/09	" " "Ngatiawa" as O.S.
Holder, F.	4/2/08	14/12/09	" " "Maori" as O.S.
Tindall, W. H. A.	3/11/08	12/6/10	" " "Kennedy" as O.S.
Diggle, N.	22/7/07	10/8/09	" " "Manapouri" as boy.
Manson, R. V.	24/7/07	28/8/09	" " "Putiki" as O.S.
Woods, G.	15/10/07	27/9/09	" barque "Joseph Craig" as O.S.
Ford, J. J.	15/8/07	22/9/09	" ship "Dartford" as cadet.
Dyde, N. V.	19/10/07	28/3/08	Discharged to return home.
Groves, W.	22/10/07	24/10/09	Returned home as training complete.
McNeillage, R.	18/10/07	9/7/09	Joined s.s. "Moana" as O.S.
Carr, O. G.	14/11/08	24/11/08	Discharged to return home.
Arthur, T. S. E.	31/10/07	7/6/09	Joined s.s. "Rimutaka."
Sharpe, C.	27/10/07	9/9/09	" " "Nikau" as O.S.
Sharpe, G.	27/10/07	12/6/09	" " "Queen of the South" as O.S.
Lawton, C. J.	20/1/08	8/2/10	" Union Steamship Company's shore staff.
Welham, R. F.	24/4/08	1/11/09	" s.s. "Ngapuhi" as O.S.
Cullen, B. M.	1/2/08	28/9/09	" " "Hinemoa" as O.S.
Powell, W. J.	23/2/08	26/8/09	" " "Tutanekai" as O.S.
Jansen, G.	23/1/08	25/1/08	Discharged to return home.
Sarginson, E. C.	28/2/08	22/9/09	Joined ship "Dartford" as cadet.
Millard, W. G. W.	12/7/08	29/9/09	" " " "
Maisey, J. F.	9/7/08	14/12/09	" s.s. "Maori" as O.S.
Clarke, V. C. M.	4/11/08	24/5/10	" " "Rotoiti" as O.S.
Martin, S. E.	30/9/08	30/5/10	" barque "Rona" as O.S.
Breach, H. E.	9/9/08	14/12/09	" s.s. "Maori" as O.S.
Mahoney, E. L. G.	20/11/08	3/9/10	" " "Moana" as O.S.
Miles, P. A.	19/11/08	5/5/10	" " "Putiki" as O.S.
Olson, E. N.	18/9/08	24/5/10	" " "Tainui" as O.S.
Inglis, A. L.	16/2/09	22/6/10	" barque "Speculant" as O.S.
Haines, H. F.	10/2/09	5/8/10	" s.s. "Warrimoo" as boy.
Hucks, R. H.	12/2/09	18/5/10	" H.M.S. "Pioneer" as boy.
Carston, A. C.	21/2/09	10/10/10	" s.s. "Kennedy" as O.S.
Burrows, J. F.	16/2/09	18/5/10	" H.M.S. "Pioneer" as boy.
Bennett, H. E.	12/2/09	6/9/10	" s.s. "Kennedy" as O.S.
McGregor, A.	9/2/09	4/9/10	" " "Pateena" as boy.
Wagstaff, T. R.	12/2/09	19/10/10	" " "Aorangi" as O.S.
Jenkins, P. J.	3/4/09	16/1/11	" scow "Whangaroa" as O.S.
Burnside, V.	28/3/09	5/8/10	" s.s. "Pateena" as boy.
Culling, S. G.	27/2/09	7/9/10	" " "Moana" as O.S.

Name.	Date of Joining.	Date of Discharge.	Occupation taken up on Discharge.
Cree, J.	27/2/09	6/10/10	Joined s.s. "Moa" as O.S.
Fisher B. F.	30/6/08	4/5/10	" " "Maori" as boy.
McDougall, J. P.	29/3/09	1/8/10	" " "Rosamond" as O.S.
Rutledge, R.	6/4/09	10/10/10	" " "Queen of the South" as O.S.
Day, G. R. H.	25/5/09	16/1/11	" " " " " "
Sturgess, W. G.	25/5/09	18/5/10	" H.M.S. "Pioneer" as boy.
Grieve, C.R.	30/5/09	29/11/10	" s.s. "Mokoia" as O.S.
Washer, H. L.	31/5/09	16/1/11	" " "Rosamond" as O.S.
Herring, C.	4/6/09	16/1/11	" " "Himitangi" as O.S.
Martin, E. W.	8/6/09	16/1/11	" " "Putiki" as O.S.
Smith, V.	11/6/09	16/1/11	" " "Hinemoa" as boy.
Hood, J. J.	11/6/09	15/12/10	" " "Nikau" as O.S.
Wait, A. G.	17/6/09	20/1/11	" " "Star of Scotland" as O.S.
Latimer, A. E. C.	28/6/09	21/1/11	" barque "Helen Denny" as O.S.
Darlow, F. J.	21/7/09	8/2/10	Written off as a deserter.
Chapple, H. M. B.	27/7/09	21/1/11	Joined s.s. "Haupiri" as O.S.
Dalzell, St. J. C.	6/8/09	25/5/11	" " "Alexander" as O.S.
Stone, H. O.	28/8/09	..	Still on board.
Hay, H. L.	5/9/09	1/5/11	Joined s.s. "Nerehana" as O.S.
Soper, A. F.	8/9/09	..	Still on board.
Watson, C. H.	14/9/09	..	" "
Moir, T. P.	18/9/09	17/5/11	Joined s.s. "Aorangi" as O.S.
McLeish, D. N.	22/9/09	2/5/11	" " "Kaitoa" as O.S.
Brennan, W.	29/9/09	..	Still on board.
Lawson, R.	5/10/09	..	" "
Scaife, J.	5/10/09	2/5/11	Joined s.s. "Muritai" as O.S.
Wilson, J.	27/10/09	..	Still on board.
Satherley, H. G. B.	30/10/09	..	" "
Foreman, J. W.	28/10/09	1/5/11	Joined s.s. "Ngahere" as O.S.
King, C. F.	28/10/09	..	Still on board.
Todd, C. C.	1/11/09	..	" "
Brown, J. P. G.	26/10/09	23/12/09	Discharged, medically unfit.
Small, F.	8/11/09	..	Still on board.
Swinbourne, T. H.	10/11/09	..	" "
Gaby, C. J. M.	19/1/10	..	" "
Jenkins, W. H. P.	15/1/10	..	" "
Collans, G. M.	20/1/10	..	" "
Birse, A. S.	19/1/10	..	" "
Jory, H. D.	19/1/10	..	" "
Middleton, W.	19/1/10	..	" "
Magnusson, E. R. H.	9/5/10	..	" "
Healey, A. C.	20/2/10	..	" "
Patton, T. W.	2/6/10	..	" "
Eagle, C. L.	2/6/10	..	" "
Brown, C. E.	8/6/10	..	" "
Turvey, F. O.	10/6/10	..	" "
Cuddon, W. S. F.	10/6/10	..	" "
Silvester, G.	11/6/10	..	" "
Freeman, W. J.	11/6/10	..	" "
McNeil, W. H.	15/6/10	..	" "
Young, H. R.	22/6/10	..	" "
Berry, N. L.	3/7/10	..	" "
Friston, E. O.	15/7/10	..	" "
Cole, S. E.	29/8/10	..	" "
Bradcock, S. H.	1/9/10	..	" "
Morrissey, W.	1/9/10	..	" "
Kelsey, W. G.	9/9/10	..	" "
Ellis, J. R.	27/9/10	..	" "
Frame, F. E.	27/9/10	..	" "
Lippert, L. O. R.	30/9/10	..	" "
Rasmussen, C. F.	18/10/10	..	" "
Walker, L.	19/10/10	..	" "
Foster, A. G.	27/10/10	..	" "
Fitzsimmons, A. J.	27/10/10	..	" "
Fox, R. V.	27/10/10	..	" "
Cory, G. E.	21/1/11	..	" "
Cox, A. J.	21/1/11	..	" "
Miller, H. J.	28/1/11	..	" "
Martin, M.	28/1/11	..	" "
Drummond, G.	28/1/11	..	" "
Freeman, G. H.	28/1/11	..	" "
Bower, D. W. C.	28/1/11	..	" "
Kemp, H. E.	11/2/11	..	" "
Billett, L. J.	11/2/11	..	" "
Reeves, A.	18/5/11	..	" "
Page, R. K.	19/5/11	..	" "
Kevill, R.	19/5/11	..	" "
Fisher, S. F.	20/5/11	..	" "

RETURN OF ACCIDENTS TO WATERSIDE WORKERS reported to the MARINE DEPARTMENT during the Financial Year ended 31st March, 1911.

Date.	Port.	Name of Person injured.	Nature of Injury, fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury if Inquest held.
1910.					
April 4	Auckland	J. Saunders	Serious injuries	Auckland	A sack of sugar fell from a sling and knocked him down.
" 5	Kaipara	James Johnson	Injured foot	Kaipara	Caught in a hole in the deck-planking.
" 6	Lyttelton	C. Whittington	Broken ankle	Lyttelton	Struck by a plank from a sling.
" 9	Wellington	H. Wilkinson	Cut head and bruised shoulder	Wellington	Whilst assisting to coal the "Buteshire" from the "Ngahere," fell between the two vessels.
" 13	Lyttelton	A. Patterson	Injured fingers	Lyttelton	Crushed in cargo.
" 13	Grey mouth	H. Beecher	Crushed finger	Grey mouth	Jammed in timber.
" 23	Grey mouth	W. J. Block-sage	Injured face	Grey mouth	Was struck by a chain sling.
" 29	Gisborne	Alfred Jones	Injured arm	Gisborne	Torn whilst handling barbed wire.
May 6	Grey mouth	Charles Nelson	Injured fingers	Grey mouth	Jammed in wagon-brake.
" 10	Lyttelton	E. Gale	Bruised leg	Lyttelton	Jammed against a crane.
" 11	Lyttelton	W. Neillon	Injured ankle	Lyttelton	A pipe fell from a sling and struck ankle.
" 11	Lyttelton	A. Christiansen	Injured fingers	Lyttelton	A piece of coal fell on him.
" 12	Dunedin	Donald J. Geddes	Killed	Dunedin	Fell down No. 2 hatch of s.s. "Fifeshire." Verdict, "Accidental death."
" 13	Wellington	A. Blacklee	Injured toe	Wellington	Large toe badly crushed by a bar of iron falling on it.
" 18	Grey mouth	D. Coakley	Injured side	Grey mouth	Lifting heavy case.
" 18	Grey mouth	B. Hand	Injured leg	Grey mouth	Struck by piece of timber.
" 23	Grey mouth	H. Brien	Injured head	Grey mouth	Result of fall in hold of vessel.
" 26	Lyttelton	C. Malen	Injured back	Lyttelton	Strained whilst lifting heavy weight.
" 26	Lyttelton	G. Miller	Bruises	Lyttelton	Knocked out of a railway-truck by a sling of timber.
June 6	Lyttelton	E. Cole	Injured finger	Lyttelton	Jammed his finger whilst stowing a case.
" 8	Auckland	— Vincent	Effects of fall	Auckland	Fell down hold of s.s. "Sussex"
" 10	Lyttelton	D. Hamett	Effects of fall	Lyttelton	Fell down hold of s.s. "Sussex"
" 23	Lyttelton	W. Stone	Injured arm	Lyttelton	Knocked from a railway-truck by basket of coal.
" 23	Grey mouth	Charles Nyrven	Strained muscles	Grey mouth	Struck by a coal-basket.
" 29	Hokiangs	W. Maxwell	Scalp wound	Kohukohu	Lifting heavy case.
" 30	Wellington	F. Wortley	Slight concussion	Wellington	A coal-basket fell on him, striking his head.
July 9	Wanganui	J. Thorburn	Slight injuries	Wanganui	Fell off a truck.
" 9	Grey mouth	R. Mitchell	Injured leg and back	Grey mouth	Knocked over by sling of goods.
" 12	Wellington	F. McKay	Fractured thigh	Wellington	Fell into the hold of the s.s. "Indradevi."
" 14	Grey mouth	R. Sands	Injured leg	Grey mouth	Fell off a timber-wagon.
" 18	Auckland	Joseph Edwards	Crushed foot	Auckland	Wheel of a truck ran over foot.
" 19	Grey mouth	A. Hodgkinson	Crushed hand	Grey mouth	Slipped whilst lifting a case of goods.
" 27	Grey mouth	J. Block-sage	Slight injuries	Grey mouth	Jammed in timber.
Aug. 3	Oamaru	James McGrath	Broken thigh	Oamaru	Jammed between a sling of grain and stanchion in the s.s. "Wanaka."
" 4	Wellington	J. R. Scrimgeour	Injured wrist	Wellington	A piano slipped off a truck and fell on him.
" 5	Lyttelton	Thomas Mitchell	Crushed fingers	Lyttelton	Struck by a sling of cargo.
" 8	Grey mouth	C. J. Munn	Crushed hand	Grey mouth	Jammed in a sling.
" 8	Grey mouth	H. T. Moore	Injured hand	Grey mouth	A coil of barbed wire fell against leg.
" 9	Wanganui	A. Patterson	Injured leg	Wanganui	Jammed in door of H shed.
" 11	Wellington	F. Curtis	Crushed foot	Wellington	Struck by a basket of coal.
" 12	Wellington	C. McCarthy	Injured back	Wellington	Two cases fell over and struck leg.
" 17	Lyttelton	A. Ross	Injured leg	Lyttelton	Struck by piece of timber.
" 19	Grey mouth	A. Magye	Crushed foot	Grey mouth	Cargo-hook slipped, and he fell, striking his head on wharf.
" 30	Wellington	William Thomas	Scalp wound	Wellington	Struck by heavy piece of timber.
" 31	Grey mouth	James Avondale	Broken rib	Grey mouth	

Aug. 31	Grey-mouth	Robertson	Injured leg	Struck by heavy piece of timber.
Sept. 5	Wellington	Thomas Newton	Fractured rib	Bag of chaff fell on him.
" 6	Wellington	F. Humphrey	Slight concussion	Whilst loading scrap-iron piece fell and struck his head.
" 8	Grey-mouth	J. H. Davies	Injured arm	Struck by sling of iron rails.
" 13	Lyttelton	J. W. Pedler	Cut hand	When handling cargo from s.s. "Aparima" had hand cut by sharp corner.
" 21	Wellington	John Butler	Effects of fall; not serious.	Fell down hold of s.s. "Talane."
" 21	Grey-mouth	H. T. Moore	Injured fingers	Jammed against coamings of hatch.
" 22	Grey-mouth	T. Weston	Injured hand	Jammed in timber.
" 22	Wanganui	A. R. McNaughton	Injured finger	Jammed in cargo.
" 23	Bluff	E. Gilchrist	Cut head	Hatch fell on him.
" 26	Grey-mouth	F. E. Rolleston	Injured arm	Sleeve of coat caught in yardarm-rope and drew arm round winch-barrel.
" 26	Grey-mouth	F. Mortimer	Injured fingers	Jammed in wagon-brake.
Oct. 3	Auckland	H. Clark	Broken arm	When working in the hold of the s.s. "Wimmers" he got entangled in a net sling and was drawn up some 20 ft, when he fell.
" 4	Oamaru	R. Rankin	Injured elbow	Struck by an empty coal-basket.
" 6	Wellington	A. Couper	Bruised ankle	When removing bales of wool one fell on ankle.
" 7	Lyttelton	B. L. Bacon	Injured finger	Jammed whilst stowing timber.
" 8	Bluff	Alfred Townner	Bruised arm and shoulders	Fell down hold of s.s. "Kent."
" 8	Grey-mouth	E. Nelson	Injured head	Slipped on iron rails.
" 11	Grey-mouth	J. Gallard	Injured chest	Fell off timber-truck.
" 20	Grey-mouth	A. E. O'Brien	Injured hand	Lacerated by galvanized iron.
" 27	Wanganui	C. Lock	Injured finger	Tim of fat fell out of a basket and struck finger.
Nov. 8	Grey-mouth	Charles Brown	Injured fingers	Jammed in iron rails.
" 11	Wanganui	E. Marchant	Cut forehead	Whilst roping a bullock, was struck by the animal's head.
" 12	Wellington	J. P. Baillie	Fatal	When loading cargo in "Ruahine" he got caught in the rope round the hydraulic capstan.
" 15	Wanganui	D. Durkin	Injured foot	Struck by basket of coal.
" 16	Grey-mouth	Wm. Byrne	Injured eye	Chip of iron got into eye.
" 21	Grey-mouth	H. Millard	Injured foot	Piece of timber fell on foot.
" 21	Grey-mouth	J. Caden	Injured leg	Struck by sling of timber.
" 22	Lyttelton	H. Gardner	Injured back	Strained the muscles of his back when putting brake on railway-wagon.
" 25	Wellington	James Tolley	Broken leg	A load of iron fell off a trolley and struck leg.
" 26	Timaru	J. J. Jubley	Crushed toe	Piece of timber fell from a sling.
Dec. 5	Wellington	George Landi	Injured arm	Whilst trucking a load of wheat a passing lorry collided with it, and caused Landi to fall, and the wheel of the lorry passed over his arm.
" 10	Grey-mouth	Edward Green	Broken thumb	Knocked over by sling of timber.
" 15	Wellington	Peter Roberts	Broken arm	Case of goods fell on arm.
" 16	Wellington	Robert Watson	Broken leg	Whilst wheeling truck of iron pipes some of them slipped off and fell on leg.
" 16	Auckland	Thomas Baxter	Injured back	Timber fell off a wagon and knocked him down.
" 20	Wellington	Harry Rudman	Injured head	Fell off a dray.
" 23	Grey-mouth	J. Blocksage	Injured foot	Jammed with case of boxes.
1911.				
Jan. 4	Gisborne	Charles Poulson	Killed	Whilst working in the hold of lighter, sling of salt fell on him.
" 11	Oamaru	Robert G. Smith	Strained heart	Occurred whilst discharging cargo.
" 16	Wellington	W. W. Hender	Injured leg and sprained thumb	Was thrown on the wharf owing to the gangway shifting.
" 16	Gisborne	Fredk. Chambers	Injured knee	Fell down hatch.
" 27	Grey-mouth	R. McGurk	Injured hand	Lacerated by sheet of corrugated iron.
" 27	Grey-mouth	William Hannam	Injured shoulder	Knocked over by a bale of wool.
" 28	Grey-mouth	Edward Burke	Injured finger	Jammed in iron.
" 28	Grey-mouth	Wm. Coburn	Injured leg	Fell off truck.
" 30	Grey-mouth	Oscar	Injured hand	Crushed by some heavy material.
" 31	Grey-mouth	J. Caden	Injured head	Fell off wharf on to deck of s.s. "Kaitangata."

RETURNS of ACCIDENTS to WATERSIDE WORKERS reported to the MARINE DEPARTMENT, &c.—continued.

Date.	Port.	Name of Person injured.	Nature of injury, fatal or otherwise	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury if Inquest held.
1911.					
Feb. 3	Wellington	James Briggs	Drowned	Wellington	Keeper of the hulk "Oreti" was found drowned at the Queen's Wharf, but nothing to show how he got there.
" 3	Wellington	Peter McDonald	Injured leg	Wellington	Some packages fell out of a sling and struck him.
" 11	Greymouth	T. Kirkby	Injured hand	Greymouth	Jammed between two casks.
" 13	Greymouth	John Devery	Injured back	Greymouth	Fell off wagon.
" 17	Greymouth	Fred Mortimer	Broken leg	Greymouth	(Crushed by sling of timber.
" 17	Auckland	Harry Davis	Injured foot	Auckland	Badly crushed against side of hold by a sling of iron pipes.
" 22	Greymouth	Henry Lynch	Body and legs crushed	Greymouth	Timber fell on him off a truck.
" 23	Wellington	F. Martin	Injured back	Wellington	A case fell from a sling and struck him on the back.
" 27	Lyttelton	T. Cornish	Injured thumb	Lyttelton	Crushed in hook of sling.
" 27	Auckland	Frank McKenna	Injured leg	Auckland	Jammed against side of s.s. "Surrey" by a sling of iron.
" 27	Auckland	William Barnes	Injured leg	Auckland	A case fell off a truck and hit him on leg.
Mar. 1	Wellington	R. Russell	Broken ankle	Wellington	Struck by a chain.
" 2	Greymouth	Peter Hansen	Injured hip	Greymouth	Crushed between a truck and wharf crane.
" 4	Wellington	William Sherwood	Fatal	Wellington	Struck by a sling of cargo.
" 4	Wellington	James Hannan	Broken leg	Wellington	Piece of timber fell on foot.
" 8	Auckland	William Aitken	Injured toes	Auckland	Struck by a sling.
" 15	Greymouth	Thomas Matheson	Injured eye	Greymouth	Knocked off railway-truck by sling of timber.
" 17	Lyttelton	F. Barfield	Effects of fall	Lyttelton	Jammed between two casks.
" 20	Auckland	James Warner	Injured foot	Auckland	Crushed by sling of cargo.
" 21	Lyttelton	B. L. Bacon	Injured finger	Lyttelton	Fell into hold of s.s. "Victoria."
" 21	Lyttelton	T. A. Halliday	Injured leg	Lyttelton	Lacerated by sheet of galvanized iron.
" 24	Wellington	Harold Anderson	Injured ribs	Wellington	Jammed in cargo.
" 27	Greymouth	James Lynch	Injured hand	Greymouth	Struck by sling of cargo.
" 27	Lyttelton	A. R. Wilson	Injured foot	Lyttelton	Knocked down by a horse.
" 28	Lyttelton	H. Badger	Injured thigh	Lyttelton	
" 30	Wellington	S. Morphett	Injured head	Wellington	

## RETURN showing the ORDERS IN COUNCIL which have been issued during the Year ended 31st March, 1911.

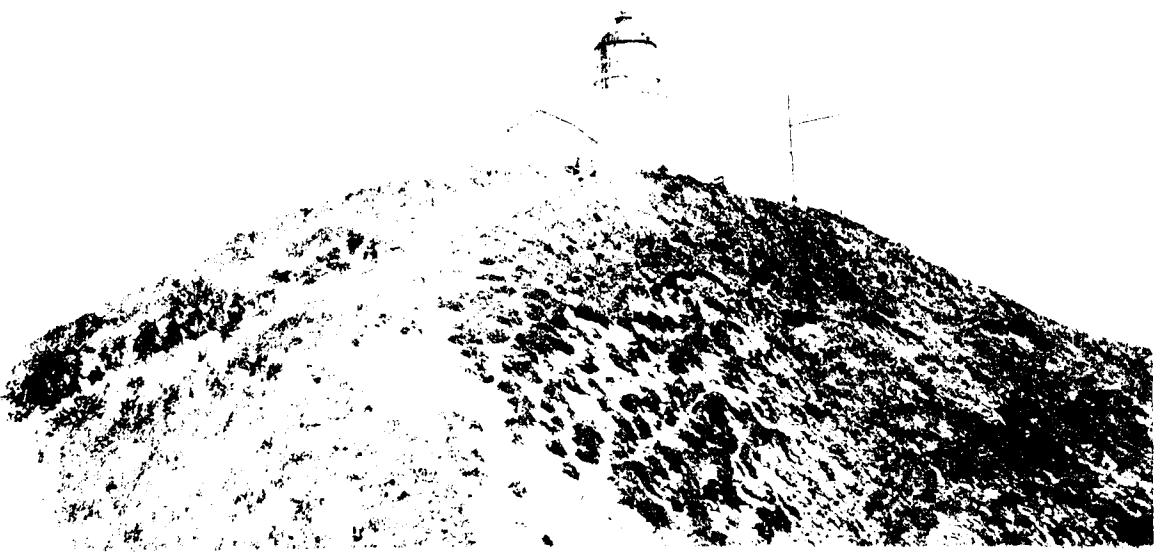
Date of Order.	Purpose of Order.
1910.	
April	1 Approves plans of Leyland O'Brien Timber Company's booms on Puriri Creek, Waihou River.
..	1 Licenses Leyland O'Brien Timber Company to occupy foreshore, Puriri Creek, Waihou River, as site for booms.
..	19 Approves plans of G. H. Jackson's boat-skids, Balena Bay, Wellington Harbour.
..	19 Approves plans of extension of H. R. Lawry's boat-shed at Karaka Bay, Wellington Harbour.
..	19 Amends regulations for trout-fishing in Buller Acclimatization District.
..	27 Vests management of wharves in Turanga Creek in Turanga Road Board, and prescribes dues for same.
..	27 Approves plans of Invercargill Shipping Company's Wharf on Murray River, Stewart Island.
..	27 Licenses Invercargill Shipping Company to occupy foreshore, Murray River, as site for a wharf.
..	27 Approves plans of Sumner Borough Council's artesian well, and authorizing Borough Council to occupy Heathcote and Avon estuary as site for such well.
..	27 Approves plans of wharf and coal-bins for West Coast Shipping and Trading Company at Foxton.
..	29 Approves plans of boat-shed and staging for J. Knewstubb in Carey's Bay, Otago Harbour.
..	29 Licenses J. Knewstubb to occupy foreshore, Carey's Bay, Otago Harbour, as site for boat-shed and staging.
May	2 Approves plans of extension of Mercury Bay Wharf.
..	2 Licenses Coromandel County Council to occupy foreshore, Mercury Bay, as site for wharf-extension.
..	18 Fixes day upon which Otago Dock Trust shall become and be dissolved.
..	23 Prescribes dues for use of Kauri Timber Company's wharves at Koutu, Kaipara Harbour.
June	1 Approves plan of coal-bin for Northern Wairoa Co-operative Dairy Company at Mangawhare, Kaipara Harbour
..	1 Licenses Northern Wairoa Co-operative Dairy Company to occupy foreshore at Mangawhare, as site for a coal-bin.
..	1 Approves plans of boat-skids in Karaka Bay, Wellington Harbour, for W. J. Williams.
..	13 Approves plans of power-house, stone and rubble facing for Golden Bay Cement Works (Limited) at Terakohe.
..	13 Licenses Golden Bay Cement Works (Limited) to occupy foreshore, Terakohe, as site for power-house and stone and rubble facing.
..	13 Approves plans of band-shed on Hokianga River for Hokianga Brass Band.
..	13 Licenses S. Bacon and T. Hawkins as Trustees to occupy foreshore, Hokianga, as site for band-shed.
..	13 Resumes foreshore in Hokianga Harbour at Kohukohu.
..	13 Approves plan of coal-wharf to be constructed by Wanganui Harbour Board for Wanganui Gas Works.
..	13 Appoints A. C. Russell to be a member of Greymouth Harbour Board.
..	13 Approves plans of coal-hopper for Northern Coal Company in Ngunguru River.
..	13 Licenses Northern Coal Company to occupy foreshore, Ngunguru River, as site for coal-hopper.
..	20 Amends rules <i>re</i> life-saving appliances for ships, <i>re</i> equipment of boats.
..	27 Modifies license for a tram-line across New River Estuary.
July	4 Approves plans of reclamation jetty and wharf at Evans Bay for Wellington Patent Slip Company.
..	4 Approves modified plans of storage-tank and outlet at Orakei for Auckland and Suburban Drainage Board.
..	4 Approves plans of timber-booms for T. Hartley and Son on Waima River.
..	4 Licenses T. Hartley and Son to occupy foreshore on Waima River as site for booms.
..	4 Revokes regulations prohibiting trawling in Kaipara Harbour, and makes other regulations in lieu thereof.
..	4 Amends regulations <i>re</i> taking of whitebait.
..	11 Makes special order authorizing Invercargill Borough Council to construct certain reclamation of New River Harbour.
..	11 Approves plan of drainage-outfall into Manukau Harbour, and authorizing Onehunga Borough Council to construct same and occupy necessary foreshore.
Aug.	1 Appoints members of Westport Harbour Board.
..	1 Approves plans of, and licensing Dunedin City Corporation to place, a cable across Anderson's Bay from Sunshine to Vauxhall.
..	1 Approves plans of wharf at Waikawa Bay.
..	1 Licenses G. W. Wells and others to occupy foreshore, Waikawa Bay, as site for wharf.
..	1 Approves plans of boat-shed for T. R. Burt at Port Chalmers.
..	1 Licenses T. R. Burt to occupy foreshore, Port Chalmers, as site for a boat-shed.
..	1 Approves plans of wharf at German Bay, Akaroa Harbour.
..	1 Licenses G. Armstrong and others to occupy foreshore, German Bay, Akaroa Harbour, as site for a wharf, and prescribes dues for same.
..	22 Approves of Westport Harbour Board expending £700 on extension and re-erection of engine-shed at Westport.
Sept.	5 Makes additional rules <i>re</i> life-saving appliances for ships.
..	5 Authorizes Westport Harbour Board expending £4,655 on certain railway-works.
..	5 Approves plans of proposed harbour-improvement at Hokitika.
..	12 Revokes regulations <i>re</i> taking of whitebait, and makes others in lieu thereof.
..	12 Approves plan M.D. 3555, north wall, Freeman's Bay Reclamation, Auckland Harbour, in lieu of plan M.D. 2909, approved on 1st March, 1906.
..	12 Fixes port charges for Picton.
..	12 Revokes dues and rates for Turanga Creek wharves, and makes other in lieu thereof.
..	13 Revokes Order in Council licensing James Park and others to occupy foreshore, Okarito, as site for wharf and shed.
..	27 Approves plans of additional reclamation in Evans Bay, Wellington Harbour, for Wellington Patent Slip Company.
Oct.	3 Approves plans of Whakatane County Council's reclamation in Whakatane Harbour.
..	3 Approves plans of extensions and additions to training-pier at Calliope Dock, Auckland Harbour.
..	3 Approves plans of additions and repairs to Half-moon Bay Wharf, Stewart Island.
..	3 Approves plans of temporary wharves for R. B. Martin and Co., at Orakei, Auckland Harbour.
..	3 Approves plans of proposed extension of Waitara Wharf.
..	17 Fixes men's license fee for fishing in Lake Brunner.
..	17 Approves plans of boat-skids for E. Bucholz and A. J. Petherick, at Balena Bay, Wellington Harbour.
..	24 Approves plans of boat-shed for A. McKay in Mangonui Harbour.
..	24 Licenses A. McKay to occupy foreshore in Mangonui Harbour, as site for boat shed and skids.
..	24 Approves plans of jetty and shed accommodation at Castlepoint.
..	24 Approves plans of wharf for H. Bates and W. Hudson on foreshore, Preservation Inlet.
..	24 Licenses H. Bates and W. Hudson to occupy foreshore, Preservation Inlet, as site for wharf.

RETURN showing the ORDERS IN COUNCIL, &c.—*continued.*

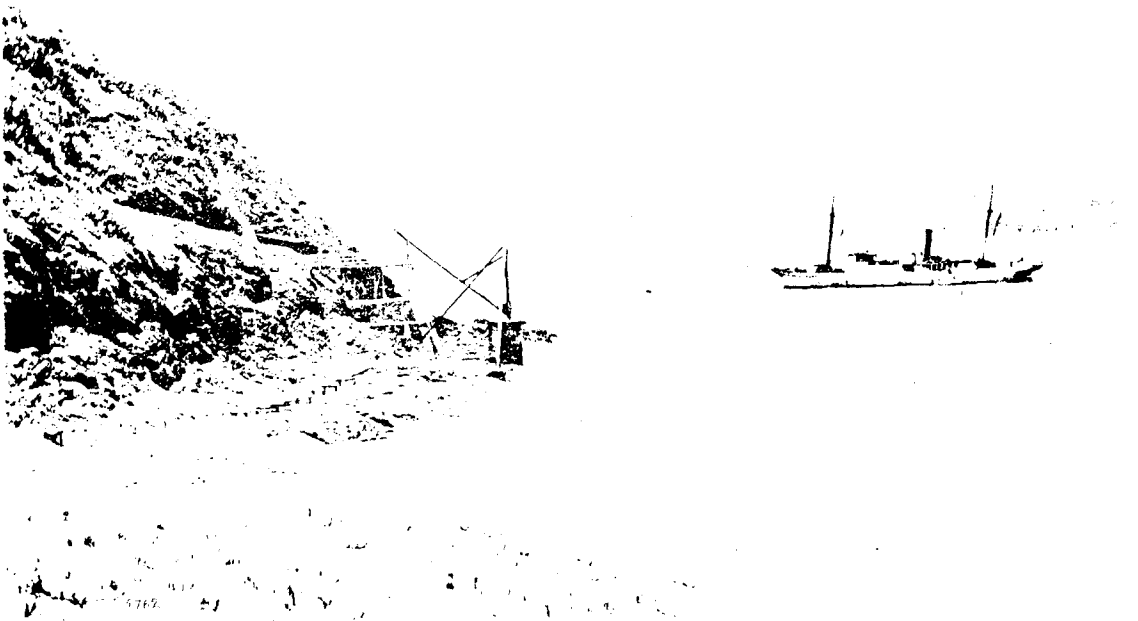
Date of Order.	Purpose of Order.
1910.	
Oct. 24	Authorizes Rodney County Council to exercise powers of Harbour Board within Port of Whangateau, Omaha, and defining limits of port.
" 24	Amends regulations <i>re</i> net-fishing in New River Estuary.
" 24	Approves plans of boat-skids for Mrs. E. L. Eggers and Mr. W. R. Doughty, at Karaka Bay, Wellington Harbour.
Nov. 2	Approves plans of Kauri Timber Company's booms, Te Kopuru Creek.
" 2	Licenses Kauri Timber Company to occupy foreshore, Te Kopuru Creek, as site for timber-booms.
" 2	Approves plans of extension of wharf at Waipipi.
" 2	Vests management of Waipipi Wharf in Waipipi Road Board, and prescribes dues for same.
" 2	Approves plans of wharf at Elaine Bay.
" 2	Licenses H. R. Browne, O. R. H. Hope, E. Harvey, and D. A. Stuart (as trustees), to occupy foreshore, Elaine Bay, as site for wharf.
" 8	Amends regulations for trout-fishing in Rotorua Acclimatization District.
" 8	Provides that Nelson Trout-fishing Regulations shall be in force in portion of Murchison County.
" 8	Approves plan of artesian well for Sumner Borough Council, in Heathcote Estuary, and licensing Sumner Borough Council to occupy foreshore for same.
" 8	Approves plan of boat-shed and slip for J. Johnston at Portobello.
" 8	Licenses J. Johnston to occupy foreshore at Portobello, as site for boat-shed and slip.
" 21	Approves plans of bridge for Union Box Company across Okura Creek, Hokianga, and licensing company to use and occupy foreshore as site for same.
" 21	Approves plans of boat-skids for F. Pownall, at Karaka Bay, Wellington Harbour.
" 21	Approves plan M.D. 3598, modifying plan M.D. 3471, <i>re</i> Motueka Harbour improvement.
" 21	Approves plan of D. McKenzie's proposed mole at mouth of river at Brighton, and authorizes construction of same.
Dec. 5	Approves plans of septic tank for J. S. Atkinson, on Heathcote Estuary.
" 5	Approves of Westport Harbour Board expending £200 on extending crossing siding at Birchfield Station.
" 5	Approves plans of extension of Waterloo Quay culverts, Wellington Harbour, for Wellington Harbour Board.
" 5	Restricts fishing in Oruru River, Mangonui and Whangaroa Acclimatization District.
" 5	Approves plans of reclamation in Bluff Harbour.
" 12	Makes regulation <i>re</i> taking and marking of trout, in Southern Acclimatization District, to ascertain migratory habits.
" 12	Approves of Westport Harbour Board moving its gridiron or slip into deeper water.
" 12	Approves plans of Picton Borough Council's proposed baths.
" 12	Licenses Picton Borough Council to occupy foreshore at Picton, as site for baths.
" 12	Authorizes and licenses Mangere Road Board to construct bridge over arm of Upper Manukau Harbour.
" 20	Revokes Order in Council licensing B. L. Knight to occupy foreshore, Taupiro Creek, Tauranga Harbour, as site for booms.
" 20	Approves plan of sea-wall at Seatoun, Wellington Harbour, for Miramar Borough Council.
1911.	
Jan. 9	Revokes Order in Council licensing E. Johnson to occupy foreshore, Horseshoe Bay, as site for fish-shed.
" 23	Approves plans of Nelson Street Jetty, Auckland Harbour.
" 23	Approves plans of No. 4 Jetty, Auckland Harbour.
" 23	Approves plans of Sumner Amateur Rowing Club's shed on Heathcote Estuary.
" 23	Licenses Sumner Amateur Rowing Club to occupy foreshore, Heathcote Estuary, as site for boat-shed.
Feb. 2	Licenses Tauranga Borough Council to occupy foreshore, Tauranga Harbour, as site for baths.
" 2	Licenses J. Christie, J. Gates, S. Brown, W. R. Lawrence and Co., and Kauri Timber Company to occupy foreshore, Whangaroa Harbour.
" 2	Approves plans of boat-shed at Purakanui, for R. Smith and W. S. Rae.
" 2	Licenses R. Smith and W. S. Rae to occupy foreshore, Purakanui, as site for boat-shed.
" 2	Vests management of Rawene Wharf in Hokianga County Council, and prescribes dues for same.
" 2	Vests management of Kohukohu Wharf in Hokianga County Council, and prescribes dues for same.
" 2	Approves plans of outlet for sewerage scheme for Napier Borough Council.
" 15	Revokes Order in Council licensing Kaipara Union Amateur Boating Club to occupy foreshore, Wairoa River, as site for boat-shed and stage.
" 15	Approves plans of breastwork and reclamation for Kauri Timber Company at Kohukohu, Hokianga Harbour.
" 15	Licenses Kauri Timber Company to occupy foreshore, Kohukohu, Hokianga, as site for reclamation.
" 28	Makes regulations <i>re</i> election of members of Harbour Boards.
" 28	Appoints principal authorities for election of members of Harbour Boards.
Mar. 3	Revokes Order in Council licensing S. W. P. Peddle to occupy foreshore, Whangapona, as site for wharf.
" 3	Amends general regulations under Part II of Fisheries Act, 1908, <i>re</i> sale of Rotorua smoked trout.
" 8	Amends Order in Council <i>re</i> election of members of Harbour Boards by electors of combined districts.
" 13	Approves plans of alterations to spring fender-piles of Railway Wharf, Auckland Harbour.
" 13	Approves plans of Wellington City Council's semi-circular wall in Oriental Bay, Wellington Harbour.
" 15	Approves plans of Wanganui Borough Council and Wanganui East Borough Council's bridge over the Wanganui River at Dublin Street.
" 15	Approves plans showing places where Whangarei Harbour Board proposes to deposit dredge spoil.
" 15	Approves of Westport Harbour Board expending £6,000 on fifty coal-wagons.
" 15	Grants M. Lyall, widow of late D. Lyall, principal keeper at Tairaroa Head Lighthouse, a gratuity of £180.
" 25	Approves plans of Stewart Island County Council's wharf at Horseshoe Bay.
" 25	Amends regulations <i>re</i> election of members of Harbour Boards.
" 25	Makes regulations <i>re</i> ascertaining tonnage of fishing-boats.
" 28	Alteration of districts for representation on Auckland Harbour Board, and appointment of principal authority for a combined district in Timaru Harbour District.
" 28	Revokes Order in Council licensing Kauri Timber Company to occupy foreshore, Whangaroa Harbour, as site for a wharf, bridge, &c.

Approximate Cost of Paper.—Preparation, not given: printing (1,900 copies, including illustrations and map). £82.

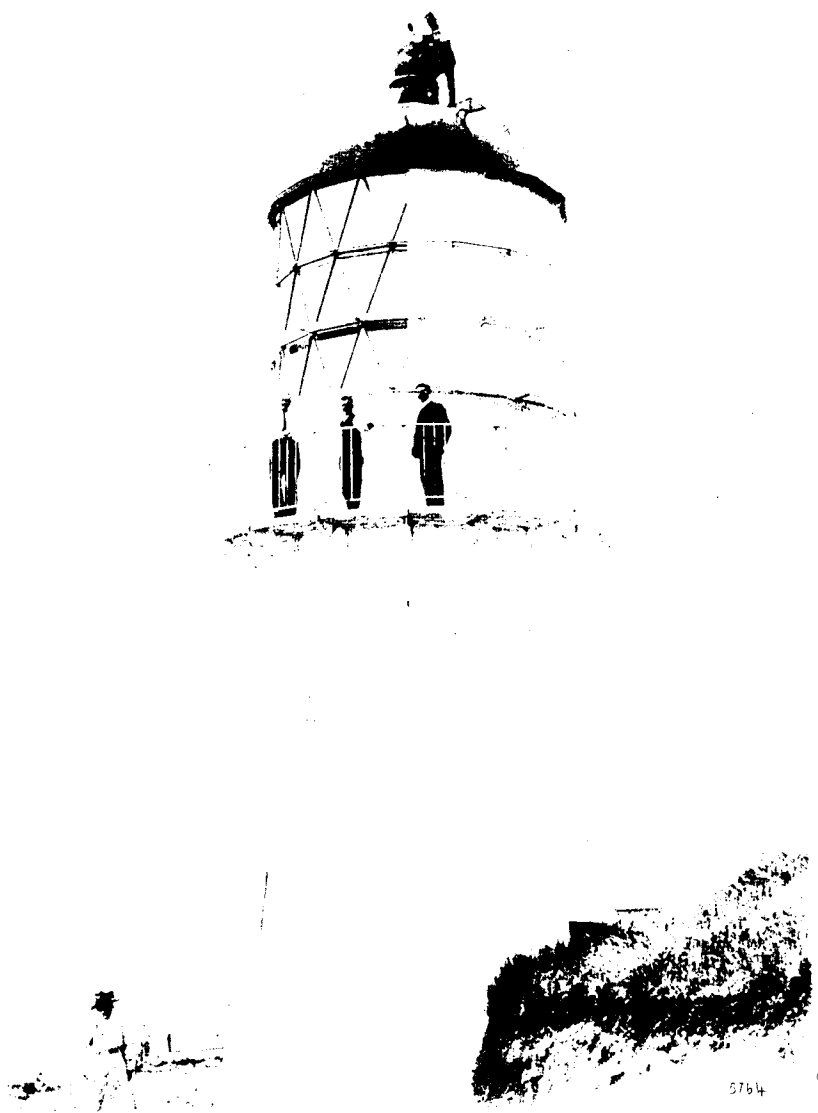




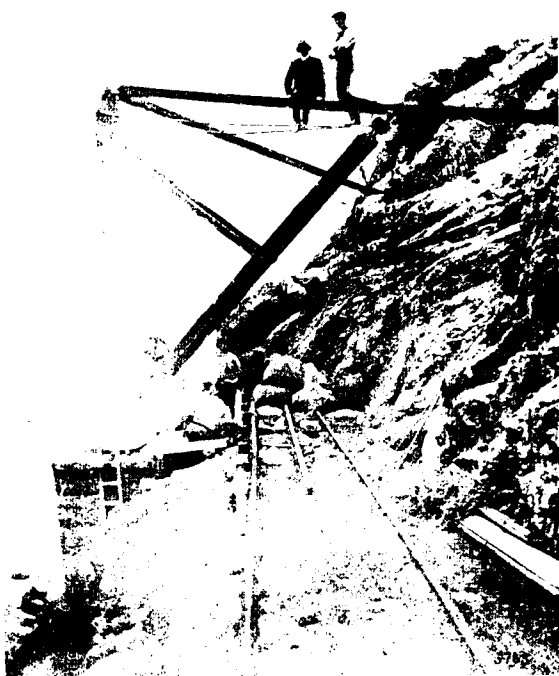
Cape Maria. Lighthouse.



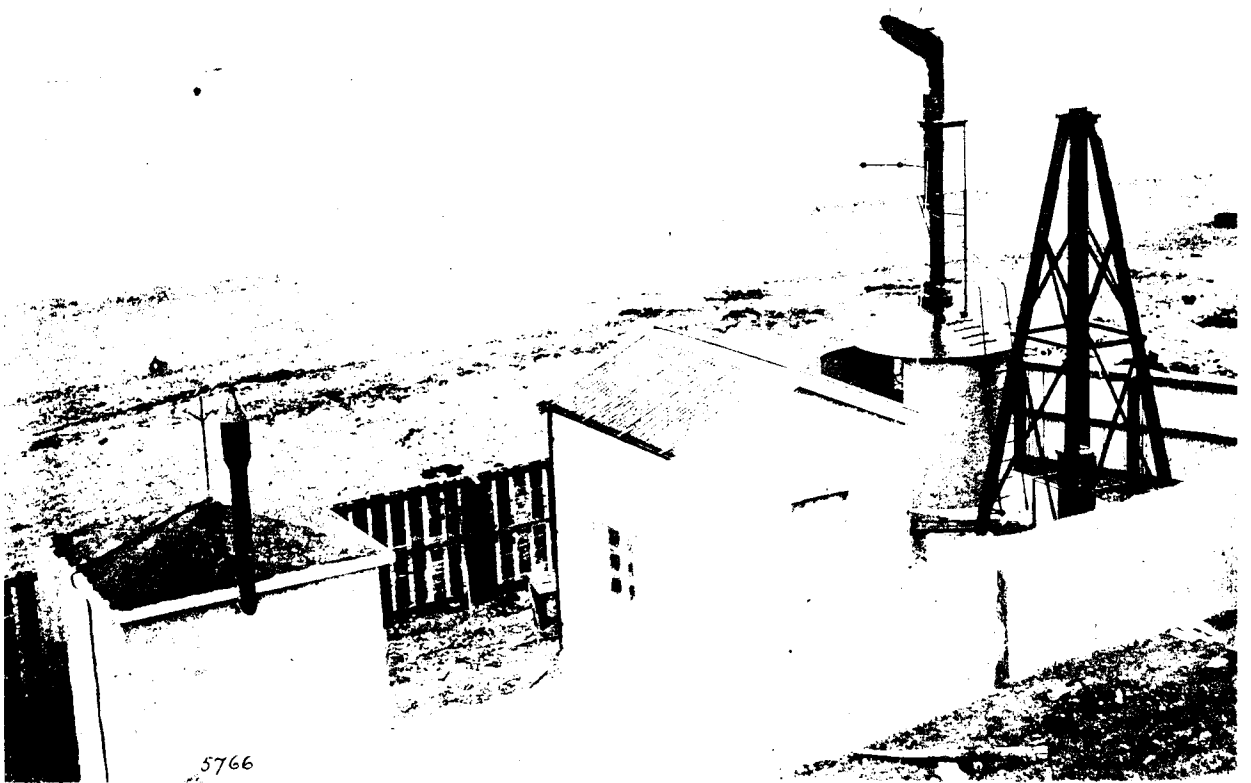
Cape Maria. Landing place.



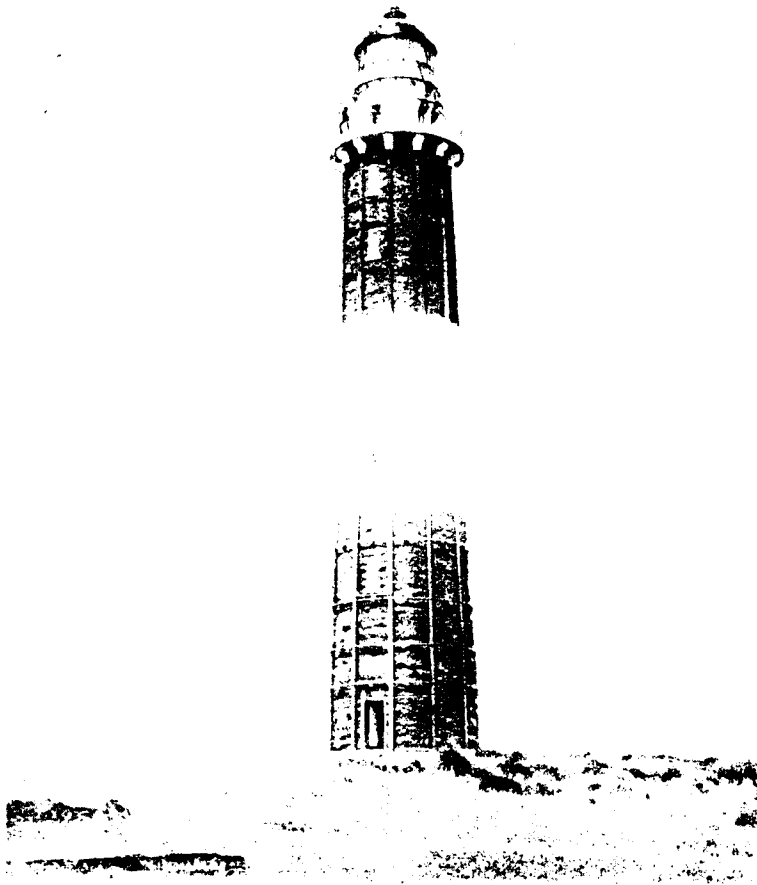
CAPE BRETON. LIGHTHOUSE.



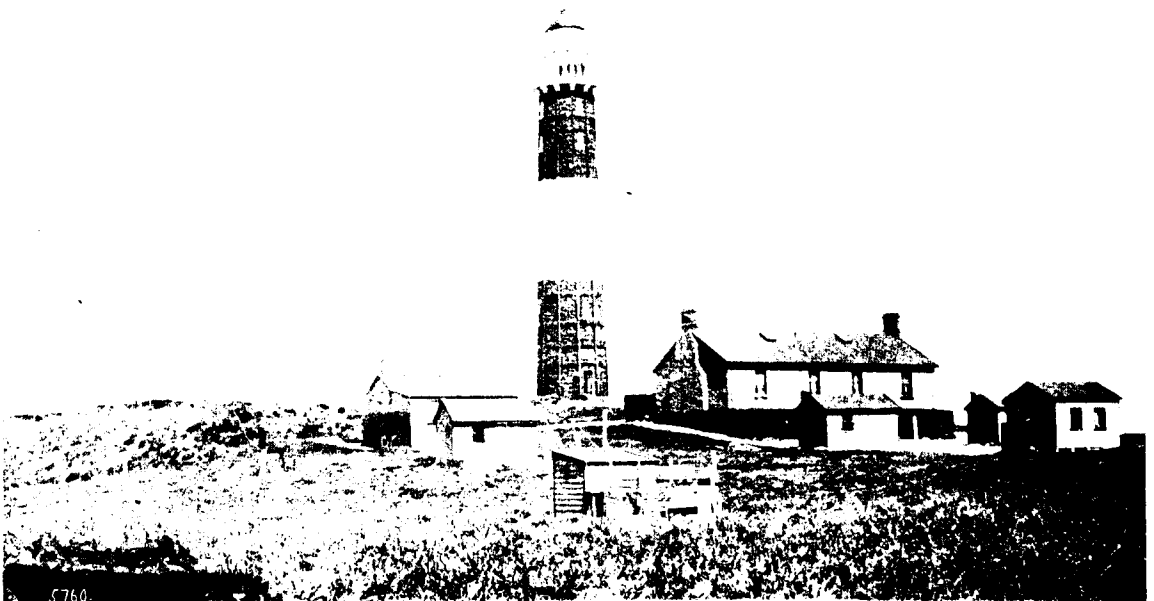
MORO HEAD. LANDING PLACE.



FOG SIGNAL, PATEKI POINT, TIMARU.

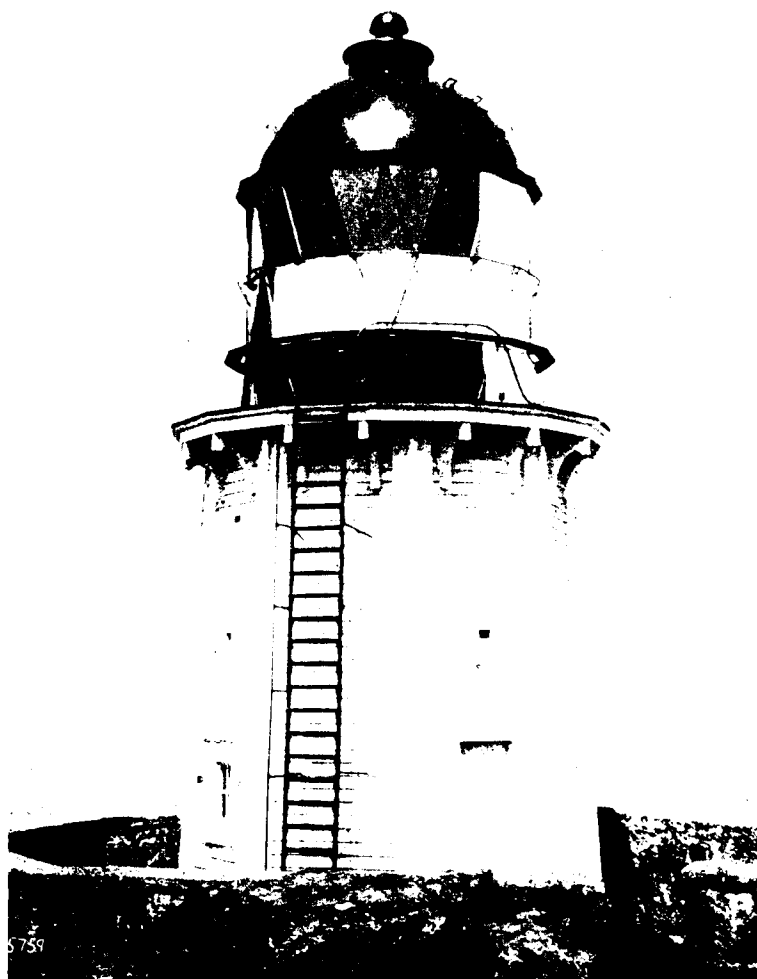


DOG ISLAND, LIGHTHOUSE.



5760

DOG ISLAND, LIGHTHOUSE AND BUILDINGS.



CENTRE ISLAND. LIGHTHOUSE



CENTRE ISLAND. LIGHTHOUSE AND BUILDINGS.



# NEW ZEALAND WRECK CHART.

1st APRIL, 1910, to 31st MARCH, 1911.

COMPILED FROM OFFICIAL RECORDS

IN THE

MARINE DEPARTMENT.



## SYMBOLS.

### STRANDINGS.

- X --- Signifies a total loss.
- X --- Signifies a partial loss.

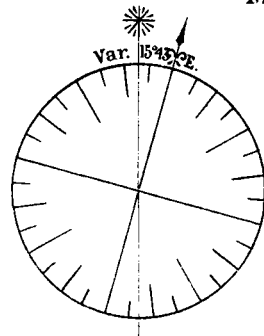
### COLLISIONS.

- ++ Signifies a collision between two steamers, with partial loss.

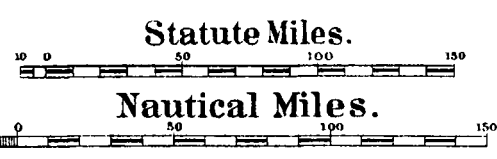
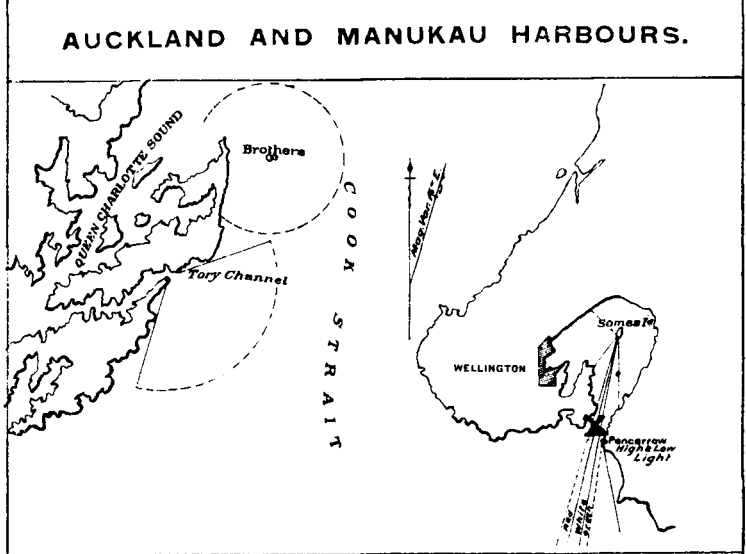
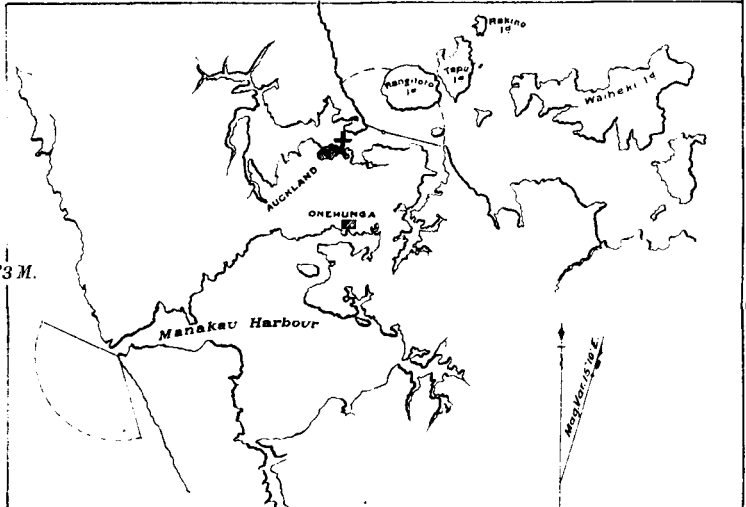
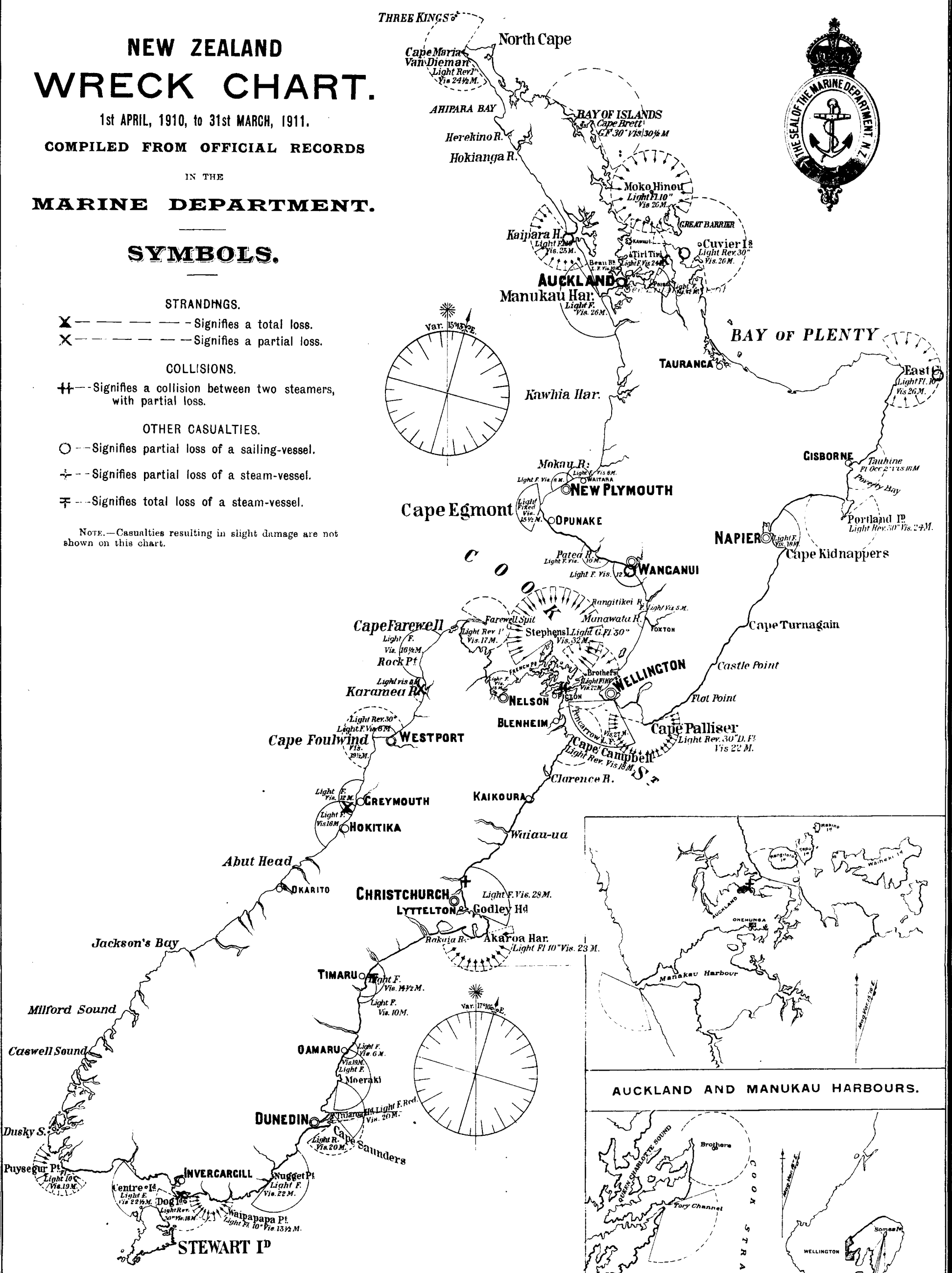
### OTHER CASUALTIES.

- --- Signifies partial loss of a sailing-vessel.
- + --- Signifies partial loss of a steam-vessel.
- ⊠ --- Signifies total loss of a steam-vessel.

NOTE.—Casualties resulting in slight damage are not shown on this chart.



Cape Egmont



SNARES

