

1910.
NEW ZEALAND.

MARINE DEPARTMENT.

(ANNUAL REPORT FOR 1909-10.)

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

MY LORD,—

Marine Department, Wellington, 23rd June, 1910.

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, &c.,

J. A. MILLAR.

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

SIR,—

Marine Department, Wellington, 11th May, 1910.

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 Act.—During last session of Parliament an Act was passed to amend the Shipping and Seamen Act, 1908. This Act embodies in the New Zealand law certain of the provisions of the Imperial Merchant Shipping Act, 1906, gives effect to certain of the resolutions of the Colonial Merchant Shipping Conference which was held in London in 1907, and makes amendments in the New Zealand Act of 1908 which the working of that Act has shown to be necessary. The Act has been reserved for His Majesty's assent.

Mercantile Marine Offices.—The work in connection with the engagement and discharge of seamen at the various ports has been performed in an efficient manner. New and more commodious offices have been provided for the Auckland Superintendent and his staff in the addition which has been made to the Customhouse at that place. When the Shipping and Seamen Amendment Act, 1909, comes into force it will be illegal for any person other than a Superintendent, or the owner, master, mate, or engineer of a ship, to engage or supply seamen in New Zealand, and it will be the duty of Superintendents to see that seamen possess a sufficient knowledge of the English language to understand the necessary orders that may be given to them in the course of the performance of their duties before they allow them to sign the agreement. The Act reduces the period of service necessary to qualify for the rating of A.B., which brings the New Zealand law on the subject in line with that of the United Kingdom.

New Instructions to Officers in British Colonies and Possessions have recently been issued by the Imperial Board of Trade. One of the clauses of these instructions provides that in computing seamen's wages the calendar month may begin at any part of the month and end at the corresponding day of the following month. As the New Zealand practice is to compute such wages from the first to the last day of the month, and to reckon any broken part of a month as a proportionate part of thirty days, the Crown Law Officers have been consulted as to the rule that should be followed in future, and they advise that there is no reason why any departure should be made from the existing practice, which will therefore be adhered to.

The duty of collecting fees for survey of ships, rent for foreshore, sale of charts, &c., formerly performed by Collectors of Customs, has been transferred to the Superintendents.

Appended is a return showing the number of seamen engaged and discharged at the various ports, and the fees received in connection therewith.

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.

Proceedings were instituted by the Department in the following cases in connection with seamen: The master of the s.s. "Stormbird," for not giving a certificate of discharge to a seaman; a fine of £1 and costs was imposed. The master of the scow "Irene," for running on expired articles of agreement; a fine of 10s. and costs was imposed. The master of the schooner "Greyhound," for making a false entry in the official log regarding the cook of the vessel; a fine of £30 and costs was imposed. The masters of the s.s. "Rakiura" and s.s. "Manurewa," for not making deposits for the wages, maintenance, and medical expenses of sick seamen; the case against the former was dismissed, and in the latter a fine of 10s. and costs was imposed. The Union Steamship Company, for not making deposit for wages, maintenance, and medical expenses of sick seaman; the case was dismissed, and the Department appealed to the Supreme Court, which dismissed the appeal, on the ground that the man was not wholly incapacitated from performing his duties.

Masters, Mates, and Engineers.—The examination of candidates for certificates of competency has been carried out satisfactorily at the various examination ports. 335 candidates passed their examination and 149 failed. Of those who passed, 223 were masters, mates, and engineers of sea-going ships, 50 were masters and engineers of steamships plying within restricted limits, 14 were masters of fishing-boats and cargo-vessels up to 25 tons register, 1 was master of a fishing-boat under 5 tons register, 19 were engineers of sea-going ships propelled by oil-engines, and 28 were engineers of similar vessels plying within restricted limits. Tables showing the names of the persons who received certificates, the classes and grades of the certificates, and of the certificates of exemption from examination as third-class engineers are appended.

The following alterations have been made in the regulations for examinations, viz. :—

- (a.) Requiring candidates for foreign-going and home-trade certificates of all grades to be conversant with the Morse and semaphore alphabets, and with the British Signal Manual.
- (b.) Providing that candidates may attend the lectures in first aid to the injured on successive days.
- (c.) Raising the standard of the form-vision examination; the change to be optional after the 1st March, 1910, and compulsory after the 1st January, 1914.
- (d.) Making certain alterations as regards the examination in the chart.
- (e.) Making certain alterations in the elementary questions in the engineers' examination.

The Shipping and Seamen Amendment Act, 1909, provides that boats, not exceeding 6 tons register which are propelled by mechanical power other than steam, when carrying passengers and freight for hire, are to have a certificated master or engineer. At present such boats under 5 tons are exempt. In order to avoid hardship, certificates of service will be granted to men who have been in charge of the boats for not less than a year prior to the change in the law. Under the new Act fishing-boats up to 10 tons register will be exempt from carrying certificated officers.

The Imperial authorities have requested that applications made by naval officers for certificates without examination shall be sent through the Admiralty, and it has been decided to accede to this request.

The report of the Principal Examiner is appended.

Registration of Shipping.—Several vessels which have ceased to exist owing to wreck, being broken up, and other causes have been written off the Auckland register. The owners had not reported the fact that their vessels had ceased to be British ships, and consequently, in order to purge the register, His Excellency the Governor, under authority given by the Imperial Merchant Shipping Act, directed that the registers should be closed. Appended are returns showing the vessels registered in New Zealand on the 31st December last, and the number of seamen and boys employed in them.

Survey of Ships.—During the year certificates have been granted to 302 steamers, 73 oil-engine vessels, and 13 inter-colonial sailing-vessels, as shown in the appended returns. Provision for the annual survey of sailing-vessels over 5 tons register engaged in the coastal trade was made in the Shipping and Seamen Amendment Act, 1909, and it will therefore be necessary to arrange for their survey when the Act comes into operation. These surveys will enable the Department to keep a better supervision over the vessels, and should tend to the safety of life and property.

In addition to the annual surveys, the Nautical Surveyors of Ships make surprise visits to vessels, to see that their boats, life-saving appliances, &c., are kept in accordance with the requirements of the law. These officers also measure ships for registration purposes. At Auckland a good deal of inspection-work is carried out in the case of the numerous small sailing-vessels which at present are not subject to compulsory annual survey, and when repairs are found to be required the surveyor advises the owners as to what must be done, and it is found that, as a rule, he has no difficulty in getting the repairs executed. A good many surveys for seaworthiness have been made, but it has not been necessary to formally detain any of the vessels, as the owners have made required repairs on being notified what was required. Following what has been done by the Imperial Board of Trade, a regulation has been made providing that in the case of foreign-going passenger-steamers and immigrant ships that are required to carry more than four boats under davits a motor-boat may be substituted for one of the boats.

Restricted Limits.—The following limits have been defined, viz. :—

Westport: Extended river limits for tugs, dredges, and hopper barges to be four nautic miles radius from seaward end of outermost breakwater.

Herekino: River limits to be inside bar.

Greymouth: Extended river limits for tugs and dredges to be within 10 nautic miles radius from signal staff.

Whangamumu: River and extended river limits for passenger, cargo, and fishing-boats—River limits to be in harbour, and extended limits to be four nautic miles from Flat Rock, at entrance, for fishing-boats and three miles from that rock for passenger and cargo boats,

Wairau: Extended river limits for fishing-boats to be inside a line drawn from White Bluff to Separation Point, Port Underwood.

The Imperial Government, having recognised passenger certificates issued in France, Germany, Denmark, Norway, and Holland to ships belonging to the respective countries as being valid in the United Kingdom, it has been decided to follow the same course in New Zealand.

Prosecutions were instituted by the Department in the following cases: The owner of the scow "Rona," for sending that vessel to sea in an unseaworthy condition; he was ordered to pay a fine of £30, or to undergo six weeks' imprisonment. The master of the s.s. "Clansman," for carrying more passengers than allowed by the vessel's certificate; he was fined £5, and 3s. for each excess passenger. The master of the s.s. "Cygnets," for carrying too many passengers; the case was dismissed. The master of the launch "Mayciss," for not carrying regulation lights; he was convicted, and ordered to pay costs.

Deck Cargo.—Regulations have been made providing that scows with flat bottoms, centre-board keels, and beam four times or more the depth of the vessel, and having no hatches, may carry sawn and baulk timber on deck in the intercolonial trade. The voyages which have been made to Australia by scows with deck-loads under these regulations show that the vessels are fit and safe for the trade.

Deceased Seamen's Estates.—The estates of thirty-one seamen, amounting to £91 12s. 7d., have been received by the Department during the year, and the sum of £218 12s. has been paid to relatives and other claimants.

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 83, representing 47,857 tons register, as compared with 90, representing 55,239 tons register, in the previous year. The total wrecks within the Dominion, including the s.s. "Duco," were 11, of 4,517 tons register, as compared with 16, of 6,537 tons register, in the previous year. The number of lives lost was 18, all being within the Dominion, as compared with 119 within the Dominion last year. Of the lives lost, 15 were in the "Duco" and 1 each from the "Cambusdoon," "Flora," and "Huia."

As regards the s.s. "Duco," this vessel left Wellington for the Chatham Islands on the 7th September last, and has not since been heard of. A south-easterly gale came up a few hours after she sailed, and it would appear that it caused the loss of the vessel. Some timber for making fish-boxes similar to some she had on board was washed ashore in Petre Bay, at the Chathams.

The Court of inquiry into the stranding of the s.s. "Kapanui" suspended the certificate of the master, E. J. Wann, for two years. After consideration of the case, His Excellency the Governor reduced the period of suspension to one year.

Appended is a wreck chart showing where the casualties occurred.

Mr. J. N. Day, late second officer of the s.s. "Tottenham," who left that vessel at Westport, having stated that when the "Tottenham," which left Durban about ten days after the "Waratah," was off East London two bodies were seen floating in the sea, his evidence on the matter has been taken by the Collector of Customs and forwarded by this Department to the Board of Trade.

Coastal Dangers.—Captain Hooper, of the training-ship "Amokura," searched for and found the rock on which the s.s. "Waikare" struck in Dusky Sound, and Captain Bollons, of the "Hinemoa," discovered another rock in this sound. Notice to Mariners regarding both rocks have been issued, and the Hydrographer to the Admiralty has been notified of their existence, so that their positions may be shown on the Admiralty charts. The various coastal buoys and beacons have been overhauled and painted, and a Pintsch-gas light has been put on the beacon off Jackson's Head, at the entrance to Queen Charlotte Sound, as the light which was on the beacon was not giving satisfaction. As the Okura Reef, in the Hauraki Gulf, is a danger to navigation, it has been decided to erect a beacon on it.

Nautical Publications.—The publication of "The New Zealand Nautical Almanac," which is prepared by Captain H. S. Blackburne, Nautical Adviser to the Department, has been continued, and has sold well. Its value has become so well recognised that it is found in most New Zealand vessels, and orders for copies are received from Australia.

The volume of "Tables for Azimuth, Great Circle Sailing, and Reduction to the Meridian, Lat. 85° N. to 85° S.," prepared by Blackburne and Westland, and published by the Department, has been well received by the nautical Press both in Great Britain and New Zealand, and is acknowledged as being undoubtedly the most complete and comprehensive publication on the subject yet issued.

Appended is a return showing the Notices to Mariners regarding New Zealand which have been issued during the year. All such notices are published in the *New Zealand Gazette*, and copies are forwarded to all New Zealand ports for circulation to shipmasters and shipowners. Copies are also sent to all the marine authorities in Australia and Fiji, to the Hydrographer to the Admiralty, and to the hydrographic bureaux at Washington, Pola (Austria), Berlin, and the Hague (Holland).

Meteorological and Weather Office.—The Rev. D. C. Bates, who was placed in charge of the office on Captain Edwin's retirement, has been appointed Director of the office, and is performing the duties in a very satisfactory manner. Instead of paying for each telegram sent in connection with the weather forecasts, an arrangement has been made with the Post and Telegraph Department under which this Department pays £8 a year for the messages to each office to which the daily forecasts are sent. This saves a great deal of labour in checking and stamping the telegrams.

For meteorological work, the office has twenty-five second-class stations reporting more or less fully on climatology, and 260 third-class stations chiefly reporting rainfall.

A new observatory has been established in Albert Park, Auckland, and other sites will have to be provided in Wellington and Dunedin to comply with the requirements of the British Meteorological Conference held last year.

The climatological monthly return and annual statistics are published in the *New Zealand Gazette* and Registrar-General's returns, but checking and preparation of past records are going

on very slowly on account of the smallness of the staff. It is hoped that a short summary of these results may, however, be embodied in a small work on the climate of New Zealand, which is very much required.

The weather forecast is carried on in conjunction with the Post and Telegraph Department. 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 performed the work of attending to the lighthouses, coastal buoys, and harbour buoys and beacons in harbours under the control of the Department. She has visited the Three Kings, Snares, Auckland, Campbell, Antipodes, and Bounty Islands to search for castaways and examine the provision depots. She also made a special trip to Campbell Island, to bring away some of the lessees of that island and their wool, they paying for this service.

When in commission the “Tutanekai” has been employed on repairing Cook Strait telegraph cables, in conveying Volunteers from the West Coast and Nelson to Wellington and back during Lord Kitchener’s visit, and on a few other services. When not required for cable or other work she has been laid up in Wellington Harbour. A sum of £2,000 a year is contributed towards her working-expenses by the Post and Telegraph Department.

During last winter the training-ship “Amokura” was kept at her moorings in Wellington Harbour, and during that time the boys underwent courses of training, which must be carried out whilst the vessel is in port. Sea-going trips were made during the spring, summer, and autumn for sea-training and other purposes as follows: Two voyages in the neighbourhood of Cook Strait, to give new boys some sea-going experience, as well as to train the older boys; a voyage to the north-eastward of New Zealand, in search of the missing s.s. “Duco”; a voyage in the neighbourhood of Cook Strait, for steering and lead practice, and to attend the Marlborough Jubilee celebrations; a voyage to Auckland, and from there to the Kermadec Islands, to inspect the depots for castaways, and to build a new depot at Curtis Island; a voyage to the Southern Islands, to inspect the depots for castaways, calling at Timaru, Dunedin, and the Bluff on the way down. On the vessel’s return from the Southern Islands she proceeded to Dusky Sound, where a search was made for the rock on which the s.s. “Waikare” struck. This rock was found and charted. The boys have done all the steering of the ship since she has been in commission. Their behaviour has been good, and their duties have been carried out with alacrity and cheerfulness. The smallness of the ship continues to be felt very much. A shore depot or a stationary vessel for winter quarters seems to be the only remedy for this. It is intended that the vessel shall continue to visit the outlying islands, so as to give the “Hinemoa” more time to do the increasing lighthouse and buoy and beacon work. Employment in other ships has been found for several of the boys as ordinary seamen and boys, and the masters of their vessels speak well of them. The ship is full, and there are several boys waiting for admission when vacancies arise. A regulation has been made providing that when the Department finds employment for boys when they have completed their training the amount standing to their credit on their discharge may be retained for six months. The regulations require that boys must pass the Fourth Standard of education before they are admitted to the ship. When the regulations were made it was intended to have a schoolmaster on board, so that they might continue their education, but owing to the want of room it has been found impossible to give effect to this intention. Unless arrangements can be made for the boys to attend school on shore whilst the vessel is in harbour during the winter, the standard of education required of applicants for admission might be raised, so as to give them a fair chance of advancing themselves after they leave the ship. Attached is a return showing the boys who have passed through the ship and those still on board.

Lighthouses.—The new lighthouse at Cape Brett has been completed. The light was first exhibited on the 21st February last. It is a powerful incandescent group flashing white light of the first order, showing two flashes in quick succession every half minute. The machine revolves in a mercury float, being the first of the kind in the Dominion, and it is found that it runs very smoothly. A flagstaff has been erected, and the station has been connected with the telegraph system, to enable passing vessels to be reported.

Incandescent lights have been installed in the lighthouses at Nugget Point, Centre Island, and Puysegur Point, and it is advisable that provision should be made in the estimates for more lights of this class, as they give a better light on a smaller consumption of oil than the ordinary oil lights.

It is proposed to make provision in the estimates for another lighthouse in the North Island, and shipmasters have been asked for their opinions as to the place at which it should be erected. They have also been consulted as to the advisableness of moving Moko Hinou light to one of the Chickens Islands.

The new lighthouse on Tuahine Point was completed and exhibited for the first time on the 16th August, 1909, when it was handed over to the Gisborne Harbour Board, which had undertaken to maintain it. Early in last month the heavy rain caused the ground near the lighthouse to crack and slip to such an extent as to endanger the structure, which in consequence has had to be taken down. Pending its erection on a safe site, the light is being shown from a temporary structure.

Captain Bollons, of the s.s. "Hinemoa," has inspected the lighthouses when making periodical visits with oil and stores, and I have paid visits of inspection to those at Portland Island, East Cape, Cuvier Island, Ponui Passage, Bean Rock, Tiritiri, Moko Hinou, Cape Brett, Cape Maria van Diemen, Kaipara Head, Manukau North and South Heads, Cape Egmont, Nelson, Stephens Island, and Cape Foulwind. The stations are in good order, and the keepers are carrying out their duties in a proper manner.

A good deal of time is occupied by keepers at isolated lighthouses in coming from and returning to their stations when taking their leave of absence, which places them at a disadvantage as compared with keepers at stations easy of access. A regulation has therefore been made providing that keepers at such stations may allow their leave to accumulate for two years.

One keeper has retired from the service on superannuation allowance during the year, five have resigned, and two have left for other reasons. Eleven appointments have been made to fill the vacancies thus caused and to provide three keepers for the new lighthouse at Cape Brett.

The following works have been executed:—

Moko Hinou: A wash-house has been erected at the principal keeper's house.

East Cape: A concrete landing-block has been erected, and an overhead wire tramway constructed.

Pencarrow Head: A dwelling-house has been repaired.

Cape Egmont: Wash-houses have been erected, a floor in the tower renewed, and new roofs put on the dry and oil stores.

Brothers: A new workshop has been erected.

Cape Saunders: A new landing-crane has been erected.

Nugget Point: The oil-store has been repaired.

Puysegur Point: Wash-houses have been erected.

Farewell Spit: A flagstaff has been erected.

Cape Palliser: The station has been connected with the telegraph system of the Dominion.

The wire rope across the passage between the mainland and the island on which Cape Maria van Diemen lighthouses stands was carried away during a heavy gale on the 2nd July last, and a new rope and hauling-wire have been procured from England. It will be put over the passage by Captain Bollons and the crew of the "Hinemoa" during the present month. The rope is used for the purpose of conveying mails and fresh meat to the lighthouse.

The amount of light dues collected during the year was £34,393 16s. 5d., as compared with £34,590 17s. 11d. during the previous year.

Fog-signals.—There are four explosive fog-signals maintained by the Department; they are at Pencarrow Head, Godley Head, Taiaroa Head, and Cuvier Island, and one has been ordered for Timaru. Owing to frequent slips on the track down the cliff to the signal at Godley Head a timber covering is being put over the dangerous part of the track.

Harbours.—The buoys and beacons in the principal harbours under the control of this Department have been overhauled, cleaned, and painted by the s.s. "Hinemoa." Some more beacons are required at Catlin's River, and steps are being taken to erect them. Beacons are also being erected at the entrance to Whangaparapara Harbour, Great Barrier Island. These beacons are needed owing to the large increase in the shipping trade caused by the establishment of a large sawmill at the place. A request has been made that lights should be shown from the beacons, and a report as to the necessity for them is being obtained. As the five-fathom channel in the Wairoa River, Kaipara, is shoaling, and its navigation is becoming intricate, Captain Bollons, of the s.s. "Hinemoa," will survey the inside channel shortly, and if it is found to be better than the five-fathom channel, the buoys will be moved into it, so that it may be used by ships.

Mr. E. Curel, who has been harbour boatman at Kaipara since the 3rd October, 1882, has retired on superannuation, and Mr. J. F. Anderson has been appointed to fill the position.

The Harbourmaster at Manukau has discovered a pinnacle rock with 9 in. of water on it at L.W.S. off Karaka Point, in the Waiuku Channel. A Notice to Mariners regarding this rock has been issued, and the Hydrographer to the Admiralty advised of its existence, so that its position may be placed on the chart.

For some years past permits have been granted to persons to take gravel from the beach at Ohiro Bay, Wellington, on payment of a royalty, but as the beach was becoming denuded the permits have been withdrawn.

Captain Bollons, of the s.s. "Hinemoa," sounded the Waikato Bar in July last, and found very little change. A request was made for the erection of beacons, in view of a probable shipping trade to the river, but it was decided that the matter should stand over until it is seen what vessels are to trade to the place.

Captain Burgess, Harbourmaster at Picton, has been appointed to control the traffic in Picton Harbour on days when regattas and boat-races are held.

General harbour regulations have been made for the control of motor-boats, steam-launches, sailing-cutters, yachts, and small sailing and rowing boats. They provide for the rule of the road for these boats when in fairways, for sail-equipment, and for lights to be carried by tugs when towing rafts of logs or timber.

A sum of £1,262 13s. 5d. has been collected for pilotage and port charges in respect of harbours under the control of the Department, as compared with £1,770 17s. 6d. collected during the previous year.

An Order in Council has been issued empowering the New Plymouth Harbour Board to alter the boundaries of the electoral wards of the harbour district.

Mr. E. J. Winter has been appointed Harbourmaster at Waitapu, in place of Mr. S. Fittall, resigned.

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

Fisheries.—During last season the Department picked and sold 7,934 sacks of rock-oysters. They were obtained from the beds in the Hauraki Gulf, on Great Barrier Island, and in the Bay of Islands. The proceeds of the sale amounted to £4,775 17s. 6d., and the cost of picking and selling to £4,205 9s. 9d., giving a profit of £570 7s. 11d. The expenditure includes £160 for Inspectors' salaries, £71 10s. for interest on cost of and depreciation in value of two oil-launches, and £132 16s. 2d. for cost of erecting an oyster depot at Auckland. The profit made on the sale enables the Department to plant oysters on parts of the foreshore where the beds were ruined by pickers before the Department undertook the picking.

A careful examination of the beds in the Hauraki Gulf, Bay of Islands, Whangarei Harbour, and Kaipara Harbour, which has been made by Mr. Ayson, Chief Inspector of Fisheries, and the local Inspectors, shows that it is necessary that they should have a rest this year. Most of them have not properly recovered from the depletion which took place under the old system of picking. There are, however, very large numbers of oysters three years old and under, and it is considered that after this year there will be sufficient to enable them to be picked and sold every season.

The supply of fish in many parts of the Dominion, especially in Hawke's Bay, has been poor for some time past. The Wellington Harbour Ferries (Limited) fitted the s.s. "Duco" up as a trawler, and she made a trip to the Chatham Islands, where a fair quantity of fish was obtained. She was, however, unfortunately lost with all hands when making a second trip, and no other trawler has been there since.

A return showing the number of fishing-boats registered and licensed in the Dominion on the 31st December last is appended. This shows that the number registered was 1,347 and licensed 1,216. In the previous year the number registered was 1,299 and licensed 1,246.

Nothing has yet been done to make it compulsory on owners of boats and fish-curers to furnish returns of fish caught and cured. I would again recommend that the necessary regulations be made, so as to enable the Department to obtain reliable statistics.

Trawling has been prohibited in a part of Hawke's Bay, the area within which trawling in the Wellington Harbour is not allowed has been enlarged, the area within which netting is prohibited in the upper part of Otago Harbour has been reduced, and the regulations have been amended to allow netting for indigenous fish at the mouth or entrance of the Taieri River. Regulations have also been made permitting netting for trout in the New River estuary, below a right line drawn from Owi Point to the northern-eastern boundary of Stanley Township, except within a radius of half a mile from the mouths of rivers and streams flowing into the estuary; and also permitting netting for indigenous fish in any part of the estuary except within a radius of half a mile from the mouth of any river or stream. Fishermen and others asked that netting for indigenous fish should be allowed in the Aparima estuary as far as the Narrows and Yellow Bluff. The request was strongly opposed by the Southland Acclimatisation Society and the anglers, and after full consideration it was decided that the request could not be acceded to at present. It may be remarked that when netting in the estuary was prohibited in 1889 for the purpose of protecting trout the Department compensated the fishermen to the extent of £150.

Regulations have been made providing that set nets having an opening of not more than 9 ft. by 1 ft. may be used for taking whitebait in the Manawatu River and its tributaries, and prescribing rules to govern the use of these nets.

Sergeant Baskiville, of Devonport; Constables A. Skinner, of Tauranga; F. M. Cullen, W. J. Connor, and L. Spelman, of Wanganui; and W. Cooper, of Napier; and Mr. H. S. Rose, of Lower Hutt, have been appointed Inspectors of Fisheries.

Seals: Tenders were invited for the right to take seals on the Snares, Auckland, Campbell, Antipodes, and Bounty Islands, but only one tender was received, and that was only for the right in respect of Antipodes and Bounty Islands. After consideration, it was decided not to accept it, and the close season has been extended until the 30th June, 1911.

The following is the purport of the reports received from the local Inspectors:—

At Auckland the supply of schnapper during the year has more than met the demand. During the summer months the boats were limited by the dealers to less than half-time. Flounders have been plentiful. Mullet appear to be increasing since the close season was made three years ago, but most of them are small. Rock-cod, kahawai, trevalli, and garfish have been plentiful. There are 187 boats, employing 325 men, engaged in fishing at Auckland and Manukau. There are smoke-houses and fish-curing establishments in the district, employing about thirty men.

The principal kinds of fish taken in Manukau Harbour during the year were schnapper, flounders, and mullet, which were very plentiful, so much so that the dealers in Auckland, who take most of the fish, restricted the fishermen to a limited number per week. There are only three leased oyster-beds in the harbour, and very few oysters were taken from them last season, as there was a poor demand for Manukau oysters.

Bay of Islands and Outlying Districts: The principal fish caught at the Bay of Islands, Whangaroa, Mangonui, Hohoura, and Awanui were schnapper, flounder, parori, hapuka, kahawai, rock-cod, maumau, mullet, and crayfish. There were 2,004 cases of mullet canned at Purerua and Awanui. There are three canneries, one being at Purerua and two at Awanui, and there are 11 smoke-houses in the district, at which mullet, schnapper, and parori are smoked. The number of fishing-boats registered during the year was 48, ranging from $\frac{31}{100}$ to $4\frac{40}{100}$ tons, manned by 152 men, of which 86 were Europeans and 66 Maoris. This is an increase of 3 boats and 31 men as compared with the previous year.

Hawke's Bay: There has been a falling-off in the industry, especially during the last three months, but the owners of the trawlers expect an improvement in about a month's time, when it is anticipated the fish will be more plentiful. The principal kinds of fish taken have been flat

fish, gurnard, and tarakihi. There are 56 boats registered at Napier, 12 of them being trawlers, and 2 trawlers registered at Wellington fish in the district. There are one freezing-works and one curing-shed in the district.

The supply of fish at Wellington has been poor. Flat fish have been exceptionally scarce At the present time the trade is more depressed than it has been for many years.

Queen Charlotte and Pelorus Sounds: The principal fish taken during the year in these sounds have been hapuka, blue-cod, and flounders. Barracouta, butterfish, garfish, kingfish, moki, kahawai, and herring have been taken in smaller quantities. There are 38 licensed fishing-boats engaged in the industry, some of which are reported to have done very well; whilst others have only been obtaining fair catches. Most of the fish caught have been sent to the Wellington market.

The Inspector for the Otago and Canterbury districts reports that there has been a depression in the industry, caused mainly by the scarcity of fish. Owing to the improvement made in the class of fishing-boats and gear now in use, many portions of the coast formerly untouched have been visited, and, as a consequence, a better variety of fish has been taken. The municipal authorities of Dunedin have undertaken to establish a market in the city, which it is hoped will have the effect of doing away with unnecessary expense, and increasing the catches of deep-sea fish. Some marked improvements have been made in the boats and gear used, and a number of new boats have been placed in commission; but the output of the canning and preserving factories has not increased. Kingfish, although not so plentiful as during the previous year, have been taken in fair numbers. Groper, trevalli, tarakihi, schnapper, moki, and barracouta have been taken, but some of them have disappeared from their old haunts. Soles, flounders, and flat fish generally have been as plentiful as during the previous year, but there has been a scarcity of blue-cod.

Fair quantities of marketable fish have been taken at Moeraki, Oamaru, and Timaru. Great improvement has taken place at the last-mentioned place, and to cope with the increasing business the South Canterbury Company has erected a suitable building capable of storing 500 tons of fish. These premises are fitted out with the latest improvements in freezing plant. From Akaroa deep-sea fishing has been carried on, but only with moderate results. Two vessels are engaged in trawling from Lyttelton, and during the year they have been able to make a little headway. Seine-fishing is carried on with good results at Sumner, Redcliffs, and New Brighton. Very good catches have been taken at Kaikoura.

The value of frozen, potted, and preserved fish exported from Dunedin during the year was £3,116, most of it going to Australia.

The number of boats employed in Canterbury and Otago was 371.

At the Bluff the industry showed an improvement on the previous year. The principal kinds of fish taken were blue-cod, flounders, trevalli, groper, trumpeter, and moki. 8,963 cwt. of frozen fish, valued at £13,509, and 3,348 lb. of preserved fish, valued at £150, were exported from the port during the year 1909; and 3,572 cwt. of fresh fish, valued at £3,654, were distributed throughout the Dominion. Flounder-fishing within the harbour is not so good as formerly, and fishermen complain that large numbers of small flounders are destroyed by black swans. Eighty-five fishing-boats were registered and licensed at the port. Their total tonnage was 590 tons. Three of them were steamers, and seventy-five were fitted with oil-engines. Most of the boats have refrigerators.

New oyster-storage beds and wharf have been erected on the west side of the harbour. 379,267 dozen oysters, valued at £2,901, were exported, and 1,263,825 dozen, valued at £7,900, were distributed throughout the Dominion.

Whaling.—The whaling-stations in New Zealand are at Whangamumu, Tory Channel, Kaikoura, and Campbell Island. Hump-backed whales are caught at Whangamumu, and all their products are utilised. Last season sixteen whales were taken, which produced 80 tons of oil, 20 tons of manure, and 10 tons of bonedust.

Right and humpbacked whales are taken at Tory Channel, from which the oil and whalebone are the only parts utilised. Not more than two or three whales are usually obtained at this station.

At Kaikoura a few right whales are usually taken during the season, of which the oil and whalebone are the only portions utilised.

At Campbell Island whaling was started by a party of Tory Channel whalers, who caught thirteen right whales. Only the oil and whalebone were utilised.

Messrs. Cook Bros., who own the station at Whangamumu, are procuring an up-to-date whaling-vessel, built by Smith's Dock Company, at North Shields. They propose to use it at Whangamumu during the coming season, beginning in June and ending in October, and later on to use it at Campbell Island.

Portobello Marine Fish Hatchery.—A report by the Chairman of the Board in regard to the hatchery is attached. During the year this Department made a grant of £250 for working-expenses, and £250 for the erection of a cottage for the assistant, &c. Good work is being done at the hatchery, and it is advisable that the necessary funds should be provided to enable it to be carried on.

Salmon.—It is too early yet to say what will be the result of last year's importation of Atlantic-salmon ova. It is recognised by pisciculturists that success cannot be assured by one year's importation, and that it is therefore advisable to go on importing until there is time to see that the fish become acclimatised. This was the course adopted in the case of the quinnat salmon, and the success of the Department's action is undoubted, as the fish now go up the Waitaki River and its tributaries every year in large numbers to spawn. I recommend that another shipment of Atlantic salmon ova be obtained from Great Britain next season.

Last year's experience in collecting quinnat-salmon ova in the Waitaki River and its tributaries shows that most of the fish spawn in the upper waters between the middle of April and the end of the first week in May, consequently the commencement to take the ova at the end of April last year was rather late. 238,000 were, however, obtained. They were quite as large as those imported from California, and of very good quality. The number of dead ova picked out during incubation did not amount to more than half the number that are picked out dead in the case of trout-ova. The fry from the ova turned out to be very vigorous fish, and their growth was greater than that of the fish from the imported ova.

During the year the following fish were liberated from the ponds at Hakataramea: Quinnat salmon, 137 three years old, 1,031 two years old, 25,869 one year old, and 205,000 fry from the season's ova; Rhine (Atlantic) salmon, 103,440 fry from the season's imported ova; and English (Atlantic) salmon, 6,900 fry.

Quinnat-ova are now being collected in the Waitaki River and its tributaries; and, at the request of the Tasmanian Government, it is proposed to send 25,000 of these ova to that State.

It has been decided to stock a river on the west coast of the South Island with quinnat salmon, and, after examining several rivers, Mr. Ayson, Chief Inspector of Fisheries, selected the Hokitika River as the most suitable. A hatchery has been built on Duck Creek, which runs into the river, to which the ova will be sent. Some fry will also be put into the Seaforth Mackenzie River, Dusky Sound.

Trout.—Regulations have been made providing that this Department may take trout from any river during the close season for purposes of pisciculture. Last season the Department collected 950,000 brown-trout ova for acclimatisation societies that required them, and supplied them at a charge of 5s. a thousand. A further supply will be collected for societies during the coming season on the same terms.

The Queensland Department of Agriculture has asked for rainbow-trout ova, and arrangements have been made with the Tourist Division of the Department of Agriculture to collect 100,000 at Rotorua. One of this Department's experts will proceed to that place to attend to the eying, packing, and shipping of them.

I have, &c.,

GEORGE ALLPORT, Secretary.

The Hon. the Minister of Marine, Wellington.

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

Office of the Principal Examiner of Masters and Mates,
Customhouse, Wellington, 3rd May, 1910.

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. Instead of being able to report, as in previous years, a steady increase in the number of examinations for masters and mates, I have this year to report a very marked decrease in the number of candidates for these grades for the foreign-going and home-trade certificates. Only a little more than half the number of last year presented themselves for examination for these certificates during the past twelve months. There can be no doubt that the reason of this is due to the fact of new work having been added to the examinations in January, 1909—viz.: Candidates for foreign-going certificates being required to possess a knowledge of first aid to the injured, and candidates for both foreign-going and home-trade certificates have now to be conversant with the Morse and semaphore alphabets, and with the British Signal Manual.

The certificates gained for master of river-steamers and fishing-boats show the usual increase.

I would again, as in my previous reports, draw attention to the danger of our law which allows a master with only a river-steamer master's certificate, and only one year's service in a harbour, lake, or river, to command passenger-vessels running to all ports of the extended limits, such as between Auckland and Whangarei.

It is pleasing to find that the additional work which has lately been tacked on to the examination for extra master has apparently spurred some on, by the very difficulty of the examination, to fresh determination to overcome all obstacles. The practical and useful nature of the knowledge to be acquired in the new part of the examination has no doubt helped to make the examination more popular. Two candidates, Messrs. L. C. Adkins and William Whiteford, passed very successfully for extra master in January and March of this year, and I understand that another candidate for this certificate is preparing to go up for his examination this month.

I find that I omitted to mention in last year's report an additional rule, which was gazetted in November, 1908, giving special concessions to candidates who have served an apprenticeship in an approved sea-going training-ship with a view to promotion in the service of the company to which the training-ship is attached. The purpose of the regulation is to enable such candidates to obtain their certificates at an earlier stage than would ordinarily be the case, two years in possession of a second mate's certificate, served as junior bridge-keeping officer of the watch, upon vessels of the company satisfying certain requirements, entitling the candidate to sit for examination for a certificate as first mate; and eighteen months' service as senior watch-keeping officer of vessels of the company whilst holding the certificate as first mate will entitle the officer to sit for his master's examination. These rules, however, will not at present make any difference to officers in New-Zealand-owned steamers, as they only apply to vessels of not less than 8,000 tons gross, carrying a crew of not less than 130 men, including at least six deck officers beside the master.

In September of this year a slight addition is to be made in the examination in chart for second mate of foreign-going and mate of home-trade ships, and a more important addition is to be made on that date for certificates of competency as only or first mate of foreign-going ships, and for masters of Home-trade ships, who will be required to work a question in both current sailing and reduction to soundings, and to show proficiency in the method of fixing a ship's position by horizontal sextant angles, using a station pointer for plotting it on the chart. A *Gazette* notice of these changes was issued in December, 1909; and at the same time a notice was issued that on and after the 1st January, 1914, the standard of form-vision required by the Marine Department will be raised, and that after the 1st March, 1910, any person serving or intending to serve in the mercantile marine, or in fishing-vessels, may be tested by the higher standard, and any holder of a certificate of competency who passes the new test may have the fact of his passing indorsed upon his certificate. These and other alterations which have been made in the examination since 1906 are embodied in a new revised book of regulations which will be issued very shortly.

I have, &c.,

HAROLD S. BLACKBURNE,

Principal Examiner of Masters and Mates.

The CHAIRMAN, Marine Fish Hatchery, Portobello, to the Hon. the MINISTER OF MARINE.

Marine Fish Hatchery and Biological Station,

Portobello, Dunedin, 11th May, 1910.

SIR,—

I have the honour to state that since the last annual report valuable work has been done at the Portobello Hatchery in the hatching and liberating of large numbers of ova of lobsters and edible crabs. The success attained by Mr. Anderton, the Board's Curator, has been very remarkable, especially considering that for the greater part of his time he has worked single-handed. The results he has secured compare very favourably with those of the most highly equipped stations elsewhere, and are due to his extreme care and unremitting attention. But further progress at the station has been arrested by the want of funds with which to go on with the work for which the station was established—viz., the introduction and naturalisation in New Zealand waters of desirable food fishes from other parts of the world. My Board asked the Government to make a small grant for the subdivision of the ponds and a few slight extensions. With the expenditure of a very small sum of money, the station will be fitted to cope with any work likely to be undertaken for the next few years. As it is, the forthcoming hatching-season of the lobsters and crabs will severely tax its resources, and the results cannot be so satisfactory as would be the case were there more pond and tank accommodation available.

I would again point out that the Board exercises the severest economy in its management, and in order to keep down expenses gets all the secretarial work done by its own members. If the national importance of the work undertaken were realised more fully than is the case, there would be sufficient funds forthcoming to meet the exigencies of the case.

I enclose Mr. Anderton's report to the Board. In this the Board think that he more than justifies the valuable observations which he has made from time to time on the native food fishes. Without such knowledge the attempt to introduce foreign food-fishes runs a great chance of failure, and the absolute necessity for it, in view of any proposed fisheries legislation, has been insisted on over and over again.

I have to report that at the present time the station is in remarkably good order, and all possible work is in a very forward condition

I have, &c.,

GEORGE M. THOMSON, Chairman.

The Hon. the Minister of Marine, Wellington.

30th April, 1910.

SIR,—

I have the honour to present the following report of operations at the Marine Fish Hatchery, with particular reference to the hatching of the English lobsters and crabs, from the publication of the last report, 30th May, 1909, to the present date.

A full account of the previous season's hatching will be found in the report of the Marine Department for 1908-9, and it will be unnecessary for me to enter again so closely into the details of the habits of the lobsters and crabs. The facts as given in that report have been verified this season, and a few additional particulars, the thorough understanding of which are absolutely necessary for successful work, will be found under their own headings. The monthly reports that have been furnished have given an outline of the work undertaken each month. In the present report I will endeavour to give an account of the year's operations—successes, failures, and mistakes—under the following headings: General, Lobsters, Crabs, Local Fishes, &c. Should the Board consider that this report is not of sufficient general interest to warrant its publication in any form, I beg to suggest that the manuscript and drawings be returned to the station library for future reference. A considerable amount has been added to our stock of knowledge relating to local fishes, and copious notes will be found, when required, in the station log.

GENERAL.

As in previous years, the station was worked single-handed from the date of the last report until the 6th August, on which date Mr. W. Adams was appointed assistant. Up to this date all my time was taken up with the ordinary routine duties, and the plant and buildings had fallen into a state of disrepair. Since that date—a period of eight months—the following improvements have been effected:—

All paths, a total length of over 300 ft., have been repaired and top-dressed.

The cottage and outbuildings, hatchery, shed and roof, engine-house, winch, piping, &c., have received two coats of paint.

An extension of 6 ft. outwards and 36 ft. in the shape of an L has been added to the jetty, with a low-tide landing-stage. This addition provides a depth of 10 ft. at low water, making it more convenient for the ferry-boat, and forming some little shelter for the launch and boat.

A new kauri foot-valve and screen have been fitted to the foot of the tank supply-pipe.

New and improved screens are being fitted to the wooden tanks, to prevent the tiny fry from being drawn into the overflow-pipe.

A third glass tank, of concrete and angle iron, measuring 5 ft. by 2 ft. 6 in., is under construction. This will be chiefly used for the hatching of the very minute crab larvæ, and for the rearing of young lobsters.

The pond-valves have been overhauled and painted, and new screens fitted to all ponds.

Sundry lockers, new mooring-post and mast, &c., have been built in the launch. The launch-engine has required various repairs from time to time, and is now in a fairly satisfactory condition.

A small jetty, for landing coal and stores, has been built from the pond-wall.

A cottage of two rooms, measuring 30 ft. by 15 ft., has been erected for the accommodation of the assistant, and a section of ground has been fenced and made rabbit-proof. Two hundred *macrocarpas* have been planted, paths formed, &c.

The boat and launch have been regularly pulled up on to the slip, and have been kept in good order, and are as good as new.

Numerous other matters have received attention, and the whole of the existing plant is now in a very satisfactory state indeed. The station was open to the public a fortnight before and after Easter. The glass tanks were decorated with weeds, &c., and such forms as sea-horses, crabs, and local fishes were exhibited. A large number of visitors took advantage of the only opportunity in the Dominion of seeing marine fishes in their native element.

LOBSTERS.

The report of the previous season's operations contains a very full account of the habits of the lobsters, and gives exact dates of casting, spawning, hatching, &c. The stock of egg-bearing adults has, however, increased from nine to twenty-three, and it is now much more difficult to observe each individual lobster. The facts as set forth in the previous reports have been, in the main, verified. It has been noted that the nine females that have been the longest time in the ponds retained their eggs better than those that have been spawned for the first time in confinement. All the females, twenty-three in number, had spawned a full batch of eggs by the middle of April, 1909. They were not examined again until the 14th October. Two were found to have hatched their brood, and one cast on the 19th October a few eggs, just on the point of hatching, still adhered to the swimmerets. Most of them had lost a few eggs, but the majority carried an almost full bunch of clean, well-eyed eggs. Those carrying the most advanced eggs were transferred to the indoor tanks for hatching. The backward ones were returned to the ponds, and brought indoors in rotation. Various-shaped tags attached to one of the large claws indicated the condition of the eggs.

The first larvæ appeared in the tanks on the 15th October, and the hatching of the various broods continued until the 4th January, 1910. In order to arrive at an estimate of the number of larvæ hatched, the numbers produced by three individuals were counted out before liberation. No. 1 produced 3,289; No. 2 produced 3,780; and No. 3, 5,920, the average production being 4,320. I think this would represent a fair average, and that the total number of lobster-larvæ produced would amount to 99,360 this season.

From the 1st December onwards large numbers of lobster-fry could be seen swimming at and near the surface of the wharf-pond, and, so as to avoid the loss by removing the adults to the tanks, they were allowed to remain in the pond, and the larvæ were allowed to flow through the discharge-pipe.

The average number hatched by each lobster is slightly larger than last year, and the total output is about three times greater, and, although this leaves much to be desired, it is a good record when the many difficulties are taken into consideration, and several letters of congratulation from interested scientists have been received upon the results of the previous season's work. The adults have not been examined since December last, but many of the females can easily be distinguished as egg-bearing again, and there is every prospect of another successful year. Only one—a male—has died during the year, and all are in the best of condition.

Almost all the larvæ were retained in the hatchery boxes or tanks for a few days, or until a day or so before their first moult. Several thousand were kept at various times until they had cast twice, and were liberated in various suitable spots about the harbour.

The one and almost the only drawback to the successful rearing of young lobsters is their cannibalism. Experiments on a very small scale were tried throughout the hatching season, and towards the end of the season a more determined effort was commenced. Between the 20th and 30th December 3,000 first-swimming-stage larvæ were placed in a glass tank measuring 5 ft. by

5 ft. by 2 ft. 6 in. deep. A plentiful supply of natural live food was supplied to them by emptying into the tank the contents of the tow nettings taken in the current at the end of the jetty. These tow nettings were extremely rich at this season, and contained vast quantities of Copepoda, Ostracoda, fish-eggs, and larvæ, and the larvæ of most native crabs, &c. By the 12th January this number was reduced to 121, of which fifty-nine were in the fourth stage, and sixty-two were in the second and third stages. From that time onwards they have steadily decreased in numbers. On the 21st January sixty-three remained, and on the 15th February sixteen were all that remained of the 3,000. Only four deaths have taken place since the latter date, and there are now twelve lobsterlings from four to five months of age in the tank, and we have good reason to hope that some may reach maturity. Much more satisfactory results are anticipated next season, as we shall be able to avoid falling into several errors which this our first experiment in rearing has disclosed. This season's operations have pointed out that a very great advantage is gained, when transferring egg-bearing lobsters and crabs into the smaller tanks, by supplying as large a supply of water as possible. Its violent aeration will hasten the hatching of eggs that would take many days to hatch in sluggish water, and will frequently cause a batch of lobster larvæ to issue in the middle of the day instead of the following night.

CRABS.

The number of adult female crabs in the pond at the commencement of the season was five. None of these have, to my knowledge, cast since hatching their eggs, but all were found to be egg-bearing when examined for the first time on the 12th November. Two of these were destroyed by an octopus a few days later. This great enemy of the lobster and crab had managed to squeeze through the inch-mesh wire screen, and was found under a heap of stones with the remains of the crab littered around it. The swimmerets, with the attached eggs, were picked up, but these were very backward, and an effort at artificial hatching proved unsuccessful. The other three spawners were taken to the indoor tanks in rotation, and we were so fortunate in the dates of removal that in each of the three cases the fry commenced to hatch out the first night after their removal. No. 1 hatched the total brood between the 16th and 21st November; No. 2 hatched the total brood between 2nd and 7th December; and No. 3 hatched the total brood between the 15th and 20th December.

The hatching of each brood was completed in five days, and the egg-capsules were sloughed immediately afterwards. For the period of five days in each case, the 5 ft. by 5 ft. glass tank in which the adults were kept was a seething mass of actively swimming fry, and we were compelled to siphon the bulk of them out of the tank for distribution at the first streak of dawn.

Large plants of the fry were made outside the Heads as follows: November 18, off Otago Heads, on the first of the ebb-tide; November 19, between Otago Heads and Waiheke Point, and off Wycliffe Bay; December 6, one mile east of Otago Heads; December 18, five miles north-east of Otago Heads.

It was impossible to collect all the fry for distribution in the early morning, and large numbers were siphoned out as they congregated towards the brightest light throughout the day. These were liberated in various parts of the Lower Harbour, chiefly on the ebb-tide.

It has been possible this year to distribute the fry over a very wide area by means of the station whaleboat, and we are also indebted to Mr. J. W. Dougal and Messrs. Moodie and Wray for their assistance and use of their launches when we were unable to do so ourselves.

The number of eggs carried by the various-sized crabs has been thoroughly calculated by scientists at Home, and according to these calculations each of the three crabs bore three and a half million eggs (*vide* Scottish Fishery Board's Annual Report for 1899, Part III. This gives a total of ten and a half million eggs, and practically every egg was hatched.

The reporters from the *Otago Daily Times* and *Star* paid a visit to the station during the hatching season, and their impressions will be found in their respective papers dated the 19th and 21st November.

I do not think the slightest doubt need be entertained of the successful establishment of this valuable addition to our food-supply, and we are keeping a close look-out for their appearance in the stomachs of all bottom-feeding fishes. It is only necessary that a very few of the seventeen millions already liberated should survive and reproduce, and their establishment will be assured.

LOCAL FISHES.

As will be seen from the accompanying tables, the output of larvæ of local fishes has not been large.

Every facility has again been kindly placed at our disposal by Mr. F. J. Sullivan for collecting the eggs of the different species of flat fishes taken in the trawls during the spawning season. Two collections only were made, and from these 335,000 sole and 313,000 brill larvæ were hatched. 123,000 flounder larvæ were hatched from eggs taken from fish caught in the trawl by the whaleboat "Clara M," and 16,000 blue-cod larvæ were hatched from eggs stripped from blue-cod taken by lines off Sandy Bay on the 16th September. There were 2,275,000 crayfish larvæ hatched from crayfish retained in the tanks for that purpose.

It was hoped that the output of flat-fish larvæ would have been very large this season, but I was, unfortunately, unable to make more than two trips, owing to a bruised and fish-poisoned hand and arm, and Mr. Adams was at that time unacquainted with such work.

We have as yet been unable to secure the ripe eggs of many of our valuable round fishes, such as red-cod, ling, barracouta, king-fish, moki, tarakihi, groper, &c. A very determined effort was made during July, August, and September to ascertain when and where the groper spawns. Between the 14th July and the 4th October fourteen trips were made to the fishing-grounds in the

whaleboat "Clara M," and line-fishing was carried on at all depths, from 5 to 90 fathoms. Large numbers of groper were taken with well-developed eggs; numbers of perfectly ripe males were also taken, but I failed to secure a female with perfectly ripe eggs. The tow-net was freely used, but the contents did not disclose the presence of any eggs of this size, and it is very probable that they will be found to be demersal, or adhesive, and not like most marine species, floating on the surface at the mercy of the tides and winds.

A few blue-cod larvæ were hatched during 1905 from eggs collected from the ponds wherein a number of adults were confined during that season, but this is the first occasion on which the eggs have been stripped from wild fish, and drawings were accordingly taken of the eggs, and of the larvæ during development, up to the age of seventeen days (drawings enclosed).

CONCLUSION.

In conclusion, I would beg to point out the inadvisability of attempting to introduce other species of European fishes until the number of ponds has been increased, preferably by subdividing the present ones. The best season in which to undertake this work would be immediately after the lobster and crab hatching ceases in January, as there follows a period of about five months of enforced comparative idleness as far as fish-hatching is concerned. The cost of the extra walls and the importation of the fish would be non-recurring, and a much larger and more varied stock could be kept without an increased annual expenditure.

The Chairman, Marine Fish Hatchery Board.

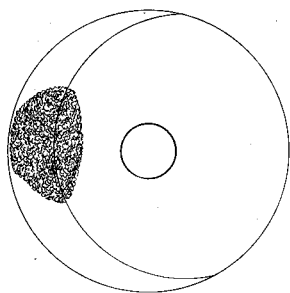
I have, &c.,
T. ANDERTON.

LARVÆ LIBERATED DURING 1905, 1906, 1908, AND 1909.

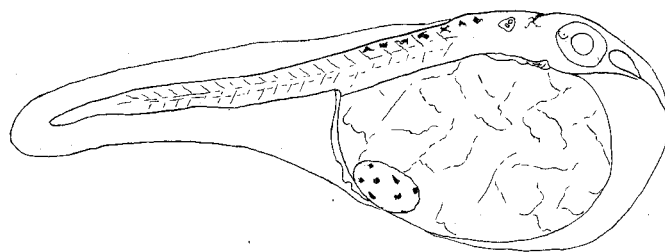
Name of Fish.	1905.	1906.	1908.	1909.	Total.
Flounder (<i>Rhombosolea monopus</i> and <i>taperina</i>)	562,000	217,000	..	123,000	902,000
Lemon sole	59,000	3,000	..	..	62,000
Sole (<i>Peltorhamphus novæ-zealandiæ</i>)	..	2,747,000	..	335,000	3,082,000
Brill .. ..	..	5,000	..	313,000	318,000
Gurnard (<i>Trigla kumu</i>) ..	5,000	..	..	..	5,000
Blue-cod (<i>Parapercis colias</i>) ..	5,000	..	..	16,000	21,000
Prawn (<i>Palæmon affines</i>) ..	698,000	..	..	..	698,000
Crayfish (<i>Jasus edwardsii</i>) ..	..	7,000,000	..	2,275,000	9,275,000
Lobster (<i>Homarus vulgarus</i>) ..	..	..	36,000	99,360	135,360
Crab (<i>Cancer pagurus</i>) ..	..	..	6,500,000	10,500,000	17,000,000
Totals	1,329,000	9,972,000	6,536,000	13,661,360	31,498,360

EXPLANATION OF PLATE.

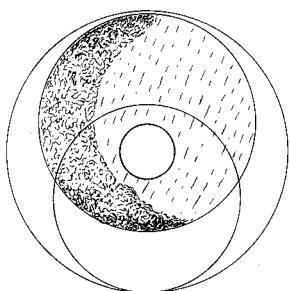
Fig.	I.	Egg of Blue-cod, (<i>Parapercis colias</i>)	24 hours after fertilisation, at 7°C.
"	II.	"	40 " " 7.4°C.
"	III.	"	88 " " 7°C.
"	IV.	"	116 " " 7°C.
"	V.	Larva of Blue-cod (<i>Parapercis colias</i>), newly hatched.	
"	VI.	"	4 days after hatching.
"	VII.	"	10 " "
"	VIII.	"	15 " "



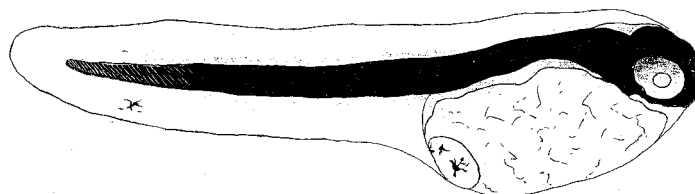
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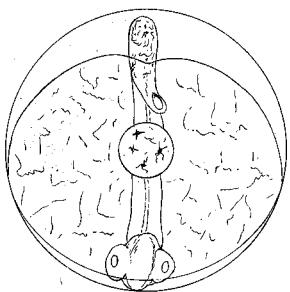
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II



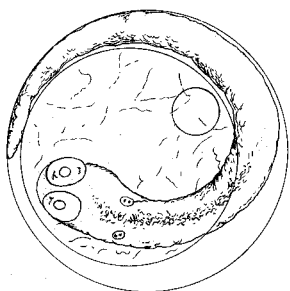
VI



III



VII



IV



VIII

RETURN showing the TOTAL ORDINARY EXPENDITURE of the MARINE DEPARTMENT during the FINANCIAL YEAR ended the 31st March, 1910.

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Head Office salaries .. .. .	..	..	2,186 17 8
Harbours:—			
Manukau,—			
Salaries	557 6 10		
House-allowance, Harbourmaster	30 1 4		
Extra wages	15 8 0		
Stores and contingencies	112 3 2	714 19 4	
Hokianga,—			
Salaries	468 3 4		
New house for Harbourmaster	588 11 8		
Stores and contingencies	98 14 9		
Kaipara,—		1,155 9 9	
Salaries	696 5 5		
House-allowance, Harbourmaster	26 0 0		
Stores and contingencies	175 16 1		
Tauranga,—		898 1 6	
Salary	25 0 0		
Contingencies	1 0 0		
Tongaporutu,—		26 0 0	
Salary	25 0 0		
Stores and contingencies	14 7 6		
Opunake,—		39 7 6	
Salary .. .. .	..	25 0 0	
Woxton,—			
Contingencies .. .. .	..	20 5 8	
Mokau,—			
Salary	40 0 0		
Grant for snagging river	46 4 3		
Awakino,—		86 4 3	
Salary	29 7 11		
Stores	1 13 9		
Picton,—		31 1 8	
Salary	220 0 0		
Office fittings	21 12 6		
Rent, stores, and contingencies	34 15 1		
Nelson,—		276 7 7	
Salaries of signalmen .. .. .	..	20 0 0	
Waitapu,—			
Salary .. .. .	..	25 0 0	
Puponga,—			
Stores and contingencies .. .. .	..	13 9 11	
Russell,—			
Contingencies .. .. .	..	20 1 11	
Collingwood,—			
Salary	50 0 0		
Snagging	10 1 0		
Stores and contingencies	8 14 8		
Karamea,—		68 15 8	
Salary	100 0 0		
Beacons	19 10 0		
Removal of snags	48 0 0		
Stores and contingencies	51 4 7		
Okarito,—		218 14 7	
Salaries	100 0 0		
Repairing house	27 0 0		
Clearing channel	21 2 6		
Stores and contingencies	25 9 5		
Okuru,—		173 11 11	
Salary	50 0 0		
New flagstaff	12 0 0		
Stores and contingencies	0 8 2		
Little Wanganui,—		62 8 2	
Piloting vessels	13 0 0		
New beacons	56 2 0		
Waikawa,—		69 2 0	
Salary .. .. .	..	10 0 0	
Iron buoys .. .. .	..	408 6 7	
Snagging Kaituna River .. .. .	..	50 0 0	
Salary of storeman	195 12 6		
Buoy-chain	220 0 6		
Stores and contingencies	223 0 7		
		638 13 7	
Lighthouses:—			5,051 1 7
Salaries of keepers	10,151 8 1		
Oil	1,043 15 3		
Stores, repairs, and contingencies	5,271 18 8		
Lighthouse expert	265 0 0		
			16,732 2 0

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

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Meteorological Office :—			
Salaries of staff and Observers	807 16 9		
Postage and telegrams	826 11 3		
Instruments and repairs	137 2 3		
Lithographing	38 17 0		
Office equipment and rent	164 0 1		
Cleaning offices	25 16 8		
Fencing enclosure at Auckland	124 7 7		
Contingencies	34 6 4		
			2,158 17 11
Mercantile marine offices :—			
Salaries of staff	2,284 9 9		
Salaries of Surveyors and Inspectors	1,045 0 0		
Cleaning offices	33 13 6		
Office equipment and rent	105 14 5		
Travelling-expenses	65 5 0		
Contingencies	3 18 2		
Telephone subscriptions	36 9 0		
			3,574 9 10
Protection of fish and oysters :—			
Salaries of Inspectors	874 11 1		
Collection and sale of oysters	3,973 19 9		
Casual labour	20 8 0		
Collection, &c., brown-trout ova	179 11 7		
Grant for maintenance, Portobello Fish-hatchery	250 0 0		
Grant for new cottage and repairs, Portobello Fish-hatchery	250 0 0		
Grant for fish-hatchery, Southland	985 12 0		
Expenses re introduction of herring	22 5 0		
Introduction of Atlantic salmon	939 15 8		
Printing Scientific Results of Trawling Expedition	110 0 0		
Stocking Westland rivers with trout	105 4 11		
Grant for upkeep of Kanieri Fish-hatchery	50 0 0		
Travelling-expenses	197 14 2		
Contingencies	58 5 8		
		7,917 7 10	
Hakataramea Salmon Station,—			
Salaries	351 0 0		
General working-expenses	70 14 7		
		421 14 7	
			8,339 2 5
Less recoveries			38,042 11 5
			537 5 6
Total			£37,505 5 11
Government steamers :—			
Working-expenses, s.s. "Hinemoa"	9,054 0 7		
" s.s. "Tutanekai"	6,584 17 7		
" s.s. "Amokura"	6,478 5 8		
Engine-room repairs, s.s. "Tutanekai"	825 13 6		
Repairs, renewals, &c., s.s. "Amokura"	358 18 5		
		23,301 15 9	
Less credits to vote		2,744 7 0	
			20,557 8 9
Miscellaneous services :—			
Administration Shipping and Seamen Act, and inquiries into shipping casualties		431 1 3	
Departmental travelling-expenses		37 8 11	
Buoys and beacons,—			
Jackson's Head beacon	69 5 2		
Waitapu leading lights	50 0 0		
West Wanganui beacons	51 2 0		
		170 7 2	
Cartage and freight		63 9 10	
Charts, books, and publications		336 6 11	
Checking overcrowding of steamers		345 1 5	
Compensation to E. P. Coyle, on account of the loss of the cutter "Eleanor"		100 0 0	
Extra clerical assistance		92 10 0	
Fog-signals—Cartridges and maintenance		346 11 2	
Estate of deceased seaman, A. E. Taylor, paid into Public Account		2 16 4	
Grant towards cost of repairing Half-moon Bay Wharf, Stewart Island		101 17 6	
Grant for repairs to Matakoho Wharf		200 0 0	
Lithographing forms		22 16 0	
Maintenance of Anglem Point light		35 18 6	
New Zealand Nautical Almanac		320 0 6	
Miscellaneous office equipment		40 11 8	

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

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Miscellaneous services— <i>continued</i> .			
Preparation of Tide Tables	4 7 0	
Prosecutions under Marine Acts	68 11 4	
Printing and binding A B C Tables	28 11 0	
Postage and telegrams and rent of boxes	506 9 0	
Railway-fares of Royal Naval Registrar	3 18 1	
Relief of distressed seamen	95 8 11	
Rent and expenses connected with examinations	43 16 7	
Subsidies for—			
Erection of new wharf, Wairoa South	196 1 0	
Repairs to Ti Point Wharf (Whangateau)	50 0 0	
Survey of unseaworthy ships	23 18 6	
Telephones	53 16 9	
Contingencies]	18 16 8	
		3,740 12 0	
Less recoveries	413 16 1	
			3,326 15 11
Grand total	£61,389 10 7

RETURN showing TOTAL COST of MAINTENANCE of the NEW ZEALAND COASTAL LIGHTHOUSES during the Financial Year ended 31st March, 1910.

Name of Lighthouse.	Salaries.	Oil consumed.		Stores and Contingencies.	Totals.
		Gallons.	Value.		
	£ s. d.		£ s. d.	£ s. d.	£ s. d.
Cape Maria van Diemen	376 13 4	700	46 18 3	(a) 621 8 10	1,045 0 5
Cape Brett	156 16 11	59	2 9 9	62 12 3	221 18 11
Moko Hinou	336 1 0	876	62 1 0	(b) 193 13 10	591 15 10
Tiritiri	287 1 8	523	37 0 11	(c) 75 17 5	400 0 0
Bean Rock	160 0 0	90	3 15 11	80 2 9	243 18 8
Ponui Passage	129 3 4	82	5 16 2	40 16 6	175 16 0
Cuvier Island	370 0 0	627	44 8 3	(d) 139 4 3	553 12 6
East Cape	348 7 9	876	62 1 0	(e) 861 17 8	1,272 6 5
Portland Island	350 0 0	741	52 9 9	100 18 6	503 8 3
Napier Bluff	20 0 0	Gas	12 11 9	1 10 3	34 2 0
Cape Palliser	270 0 0	904	64 0 8	91 8 0	425 8 8
Pencarrow Head	291 13 4	591	34 14 0	(f) 56 2 7	382 9 11
Somes Island	165 0 0	644	45 12 4	58 16 11	269 9 3
Cape Egmont	287 10 0	597	42 5 9	(g) 164 19 6	494 15 3
Manukau South Head	290 0 0	730	51 14 2	39 7 10	381 2 0
Manukau South Head leading-lights .. .. .	.. .. .	161	11 8 1	5 16 4	17 4 5
Manukau North Head leading-lights	110 0 0	250	17 14 2	53 11 3	181 5 5
Kaipara Head	269 16 6	541	38 6 5	138 4 5	446 7 4
Brothers	414 14 4	853	52 15 5	(h) 169 9 10	636 19 7
Tory Channel leading-lights	100 0 0	189	13 7 9	7 4 9	120 12 6
Cape Campbell	266 13 4	575	40 14 7	157 10 8	434 18 7
Godley Head	278 6 8	578	40 18 10	(j) 94 11 8	413 17 2
Akaroa Head	290 0 0	594	42 1 6	(k) 130 19 0	463 0 6
Jack's Point	215 0 4	348	24 13 0	74 11 3	314 4 7
Moeraki	270 0 0	626	44 6 10	53 7 8	367 14 6
Taiaroa Head	290 0 0	660	46 15 0	46 18 7	383 13 7
Cape Saunders	290 0 0	639	45 5 3	(l) 193 15 3	529 0 6
Nugget Point	380 0 0	799	42 5 5	(m) 205 10 11	627 16 4
Waipapapa Point	270 0 0	616	43 12 8	70 11 6	384 4 2
Dog Island	349 14 8	788	55 16 4	102 0 7	507 11 7
Centre Island	368 3 6	639	33 14 8	(n) 182 0 4	583 18 6
Puysegur Point	363 2 3	650	34 11 8	(o) 173 13 6	571 7 5
Cape Foulwind	268 8 10	582	41 4 6	52 19 10	362 13 2
Hokitika	18 13 4	Gas	12 11 0	7 14 0	38 18 4
Kahurangi Point	362 1 10	1,113	78 16 9	(p) 208 0 7	648 19 2
Farewell Spit	389 6 4	664	47 0 8	(q) 198 13 5	635 0 5
Nelson	260 0 0	255	18 1 3	53 10 2	331 11 5
French Pass	162 10 0	177	12 10 9	16 3 9	191 4 6
Stephens Island	356 8 10	659	38 1 8	(r) 286 2 4	680 12 10
Totals	10,151 8 1	20,995	1,444 13 10	5,271 18 8	16,863 0 7

(a) Includes £488 14s. 10d. for improvements to landing-place and £17 0s. 11d. for repairs. (b) Includes £34 14s. 11d. for repairs.
(c) Includes £112 12s. 2d. for repairs. (d) Includes £5 18s. 9d. for repairs. (e) Includes £479 12s. 1d. for new tramway, and £329 5s. 6d. for an oil-engine for hoisting stores from landing. (f) Includes £8 4s. 3d. for repairs. (g) Includes £73 17s. 4d. for repairs. (h) Includes £49 16s. for repairs and £68 10s. 9d. for provisions. (i) Includes £23 2s. 11d. for repairs. (j) Includes £24 4s. 0d. for repairs, and £20 12s. 0d. for surveying lighthouse reserve. (k) Includes £105 11s. 6d. for new crane for landing stores. (l) Includes £57 8s. 8d. for repairs. (m) Includes £49 8s. 4d. for repairs. (n) Includes £44 2s. 3d. for repairs, and £34 2s. 6d. for new horse. (o) Includes £18 14s. 5d. for repairs, and £18 4s. 9d. balance of cost of erection of flagstaff. (p) Includes £70 for landing stores under contract. (q) Includes with outbreak of fever at lighthouse. (r) Includes £97 15s. 5d. for expenses connected

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
Tiritiri	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
Moko Hinou	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	9,145 18 1
Jack's Point	1,204 10 9
Cost of telegraph cable to Tiritiri	1,085 19 6
Miscellaneous and unallocated	1,322 2 2
Total	£191,840 12 1

* 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 FEES, &c., received under
the Shipping and Seamen Act, the Merchant
Shipping Act, the Fisheries Acts, and the
Harbours Acts at Ports under the Marine
Department, during the Financial Year ended
31st March, 1910.

Nature of Receipts.	Amount.
	£ s. d.
Shipping and Seamen Act:—	
Fees for engagement and discharge of sea-	2,685 1 3
men, and sale of forms	
Surveys of steamers and sailing-vessels..	2,380 0 0
Measurement of ships..	30 2 0
Examinations of masters, mates, and	440 18 6
engineers	
Light dues	34,393 16 5
Sundries	439 8 2
Merchant Shipping Act	180 15 0
Harbours Acts:—	
Pilotage and port charges	1,262 13 5
Sundry receipts	834 10 0
Fisheries Acts:—	
Sale of oysters	4,775 17 8
Sundry receipts	327 2 6
Total	47,750 4 11

RETURN showing the AMOUNT of LIGHT DUES
collected during the Year ended 31st March,
1910.

Port.	Amount collected.
	£ s. d.
Auckland	10,883 13 6
Onehunga	154 6 4
Whangarei	172 12 4
Russell	48 9 11
Mangonui	2 4 7
Whangaroa	13 3 3
Hokianga	123 7 9
Whangape, &c.	2 3 3
Kaipara	198 2 6
Thames	86 16 2
Coromandel	14 19 10
Tauranga	30 9 8
Poverty Bay	649 8 1
Napier	878 16 4
New Plymouth	216 12 0
Waitara	212 13 6
Wanganui	206 4 3
Patea	18 12 8
Wellington	9,222 10 0
Wairau	26 17 11
Pictou	482 3 1
Nelson	515 16 9
Westport	1,166 3 2
Greymouth	430 16 7
Hokitika	3 4 7
Lyttelton	2,665 6 5
Timaru	609 16 0
Oamaru	195 13 0
Dunedin	2,088 18 7
Bluff and Invercargill	3,073 14 5
Total	£34,393 16 5

RETURN showing the AMOUNT of PILOTAGE,
PORT CHARGES, &c., collected during the Year
ended 31st March, 1910.

Name of Port.	Pilotage.	Port Charges, &c.	Total.
	£ s. d.	£ s. d.	£ s. d.
Auckland*	1,290 3 2	9,163 6 0	10,453 9 2
Onehunga	4 6 0	137 19 8	142 5 8
Hokianga	6 16 0	60 9 10	67 5 10
Kaipara	63 11 10	801 11 9	865 3 7
Thames*	33 15 0	181 17 7	215 12 7
Gisborne*	159 8 11	4,421 12 2	4,581 1 1
Wairoa*	257 18 3	13 8 6	271 6 9
Napier*	996 17 8	7,034 3 10	8,031 1 6
N. Plymouth*	119 16 11	192 7 10	312 4 9
Waitara*	139 11 2	196 7 2	335 18 4
Wanganui*	694 14 11	336 8 8	1,031 3 7
Patea*	16 17 3	73 3 5	90 0 8
Foxton	{ 56 3 6 } *369 2 0	.. .. .	425 5 6
Wellington*	264 17 11	14,609 14 4	14,874 12 3
Pictou	24 1 2	62 10 11	86 12 1
Wairau*	324 11 0	.. .. .	324 11 0
Nelson*	3,540 10 1	805 17 1	4,346 7 2
Hokitika* .. .. .	.. .. .	†31 13 11	31 13 11
Lyttelton*	11,543 10 2	7,116 3 4	18,659 13 6
Karamea	46 2 9	.. .. .	46 2 9
Kalapoi .. .. .	.. .. .	.. .. .	.. .. .
Timaru*	3,572 14 0	4,320 17 1	7,893 11 1
Oamaru* .. .. .	.. .. .	†2,440 16 9	2,440 16 9
Dunedin*	12,235 6 10	4,424 6 2	16,659 13 0
Invercargill and Bluff*	4,761 1 9	2,900 15 10	7,661 17 7
Westport*	668 10 11	2,671 15 3	3,340 6 2
New River* .. .. .	.. .. .	7 14 0	7 14 0
Totals	41,190 9 2	62,005 1 1	103,195 10 3

* 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, 1910.

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 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	1,998	142 18 6	1,780	130 4 6	2,290	150 18 0	2,238	144 5 0	824	49 7 6	831	47 8 0	5,112	343 4 0	4,849	321 17 6	9,961	665 1 6	
Dunedin and Port Chalmers	1,767	129 7 6	1,963	140 19 6	1,486	102 12 0	1,401	102 16 0	..	..	..	..	3,253	231 19 6	3,364	243 15 6	6,617	475 15 0
Greyouth	68	6 11 6	61	6 1 0	191	14 6 6	161	12 1 6	..	..	..	..	259	20 18 0	222	18 2 6	481	39 0 6
Hokitika	..	..	..	..	26	1 19 0	26	1 19 0	..	..	..	..	26	1 19 0	26	1 19 0	52	3 18 0
Invercargill	144	9 9 6	81	5 7 0	37	2 9 6	28	1 12 0	..	..	..	..	27	1 10 6	28	1 12 0	55	3 2 6
Kaipara	26	1 19 0	18	1 7 0	112	7 6 0	34	2 6 6	..	..	..	..	181	11 19 0	115	7 13 6	296	19 12 6
Lyttelton	636	47 14 0	432	32 8 0	1,252	93 18 0	1,175	88 2 6	26	1 19 0	24	1 16 0	1,914	143 11 0	1,631	123 6 6	3,545	265 17 6	
Napier	23	1 14 6	10	0 15 0	178	10 10 0	184	11 8 0	14	1 1 0	14	1 1 0	215	13 5 6	208	13 4 0	423	26 9 6	
Nelson	5	0 7 6	..	..	624	39 17 6	558	36 9 6	82	4 2 6	79	3 18 0	711	44 7 6	637	40 7 6	1,348	84 15 0
New Plymouth	..	..	..	..	6	0 9 0	1	0 1 6	..	..	..	..	6	0 9 0	1	0 1 6	7	0 10 6
Oamaru	8	0 12 0	7	0 10 6	8	0 10 0	10	0 13 0	..	..	..	..	16	1 2 0	17	1 3 6	33	2 5 6
Onchunga	..	..	..	..	533	37 14 0	500	34 18 6	..	..	..	..	533	37 14 0	500	34 18 6	1,033	72 12 6
Patea	..	..	..	..	66	4 9 6	60	4 0 6	..	..	..	..	66	4 9 6	60	4 0 6	126	8 10 0
Pictou	2	0 3 0	11	0 16 6	94	5 17 0	84	5 9 6	11	0 13 6	11	0 13 6	107	6 13 6	106	6 19 6	213	13 13 0	
Poverty Bay	19	1 8 6	3	0 4 6	117	7 6 0	115	6 15 6	..	..	..	..	136	8 14 6	118	7 0 0	254	15 14 6
Russell
Tauranga	..	..	..	..	12	0 18 0	12	0 18 0	..	..	..	..	12	0 18 0	12	0 18 0	24	1 16 0
Thames	1	..	..	..	1	0 1 6	2	0 3 0	..	..	..	..	1	0 1 6	2	0 3 0	3	0 4 6
Timaru	33	2 9 6	10	0 15 0	104	7 16 0	81	6 1 6	..	..	..	..	137	10 5 6	91	6 16 6	228	17 2 0
Wairau	..	..	..	..	14	0 11 6	8	0 8 6	..	..	..	..	14	0 11 6	8	0 8 6	22	1 0 0
Waitara	18	..	..	..	18	1 10 0	19	1 11 6	3	0 7 6	4	0 9 0	21	1 17 6	23	2 0 6	44	3 18 0
Wanganui	15	1 2 6	9	0 13 6	144	8 14 6	134	7 19 6	..	..	..	..	159	9 17 0	143	8 13 0	302	18 10 0
Wellington	1,987	128 19 0	1,618	102 17 0	2,275	133 9 0	2,323	141 19 6	..	..	..	..	4,262	262 8 0	3,941	244 16 6	8,203	507 4 6
Westport	..	..	..	..	199	14 16 6	189	14 1 6	..	..	..	..	257	19 3 6	224	16 14 0	451	35 17 6
Whangaroa	..	..	..	..	4	0 6 0	4	0 6 0	..	..	..	..	4	0 6 0	4	0 6 0	8	0 12 0
Whangarei	..	..	..	..	3	0 4 6	3	0 4 6	..	..	..	..	3	0 4 6	3	0 4 6	6	0 9 0
Totals	6,789	479 3 6	6,038	425 11 6	9,821	650 0 0	9,462	634 16 0	960	57 11 0	963	55 5 6	17,570	1,186 14 6	16,463	1,115 13 0	34,033	2,302 7 6	

RETURN OF ACCIDENTS TO SEAMEN and Others on board Ship reported to the MARINE DEPARTMENT during the Financial Year ended the 31st March, 1910.

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.
1909.					
Feb. 15	Northern Chief (barque), Auckland, 87545	H. Petersen, A.B.	Injured groin ..	At sea ..	A shelf fell off his bunk and struck him on the groin.
" 25	Moeraki, ss., Dunedin, 101498	W. Humpage, steward..	Scalded ..	Wellington ..	Slipped whilst carrying hot water, and scalded his right ankle.
" 27	Himitangi, s.s., Wellington, 108074	E. F. Graham, A.B.	Injured foot ..	Wanganui ..	Left foot crushed in wheel-gear.
Mar. 6	Pohorua, s.s., Dunedin, 98061	R. Campbell, fireman ..	Broken rib ..	Greymouth ..	Fell over a fore-and-after.
" 8	Maori, s.s., Dunedin, 117598 ..	J. Linnen, trimmer ..	Ruptured ..	At sea ..	Whilst dumping ashes.
" 10	Waikare, s.s., Dunedin, 101480	M. Nicholson, A.B. ..	Ruptured head ..	Gisborne ..	Slipped and struck his head on electric-light fuse-box.
" 12	Moeraki, s.s., Dunedin, 101498	Thomas Bustin, greaser ..	Rupture ..	At sea ..	Ruptured right groin when lifting ash-bucket.
" 14	Rosamond, s.s., Dunedin, 89594	J. Walker, cook ..	Burns ..	Wellington ..	Caused by a pot of fat boiling over.
" 14	Manapouri, s.s., Dunedin, 75229	G. R. O'Farrell, pantry-man ..	Injured leg ..	Wellington ..	A case fell on his leg.
" 15	Takapuna, s.s., Dunedin, 66540	W. Klemp, fireman ..	Sprained wrist ..	At sea ..	Was knocked against a ladder in stokehold.
" 16	Kapanui, s.s., Auckland, 102311	C. G. Hansen, fireman ..	Burns ..	At sea ..	A small cock burst and scalded his right thigh.
" 17	Moeraki, s.s., Dunedin, 101498	W. McDonald, scullery-man ..	Injured hand ..	Dunedin ..	Chain-pendant carried away and caused a heavy port to fall on his right hand.
" 18	Wanaka, s.s., Dunedin, 95018	William Bruce, cook ..	Injured toe ..	Auckland ..	A piece of coal fell on it.
" 23	Rarawa, s.s., Auckland, 115207	T. Thompson, A.B. ..	Ruptured ..	Auckland ..	When coaling bunkers, slipped on the deck.
" 29	Dorset, s.s., Dunedin, 79257 ..	William Anderson, A.B.	Scalded ..	Dunedin ..	When painting funnel an escape of steam severely scalded his left leg.
" 30	Rarawa, s.s., Auckland, 115207	P. H. Burns, fireman ..	Injured back ..	At sea ..	Slipped and fell.
April 1	Arakura, s.s., Dunedin, 117587	H. Stephens, greaser ..	Injured finger ..	At sea ..	Caught in machinery.
" 2	Warrimoo, s.s., Dunedin, 101901	J. Hills, A.B. ..	Injured ribs ..	Lyttelton ..	Slipped and struck scuttle.
" 4	Cambusdoon (ship), Glasgow, 104608	Odin Nilsen, A.B. ..	Drowned ..	Latitude 48° 15' S., longitude 163° E.	Was washed overboard in heavy weather.
" 14	Ripple, s.s., Lyttelton, 120627	F. Traynor, cook ..	Poisoned thumb ..	Chatham Islands ..	Ran a fish-bone into his thumb.
" 17	Kia Ora, s.s., Southampton, 124487	T. Dalrymple, A.B. ..	Concussion; slight ..	Lyttelton ..	Fell down hold.
" 24	Den of Ruthven, s.s., Dundee, 123323	J. Shearer, fireman ..	Cut head ..	Lyttelton ..	Fouled a derrick.
" 25	Corinna, s.s., Launceston, 79252	P. Hart, trimmer ..	Dislocated shoulder ..	Oamaru ..	Fell over lashings of deck cargo.
" 27	Weathersfield (barque), Wellington, 51472	E. Morrison, A.B. ..	Injured head ..	At sea ..	Fell off the mizzen-boom.
May 7	Manuka, s.s., Dunedin, 117582	A. Woods, fireman ..	Injured hand ..	Hobart ..	Right hand severely cut through, being caught in door of fire-box.
" 12	Weathersfield (barque), Wellington, 51472	G. Hume, A.B. ..	Injured hand ..	At sea ..	Was knocked against the anchor owing to ship rolling.
" 12	Welcome (scoow), Auckland, 118958	R. Mortensen, A.B. ..	Injured back ..	Auckland ..	Struck by a piece of falling timber.
" 13	Mararoa, s.s., Dunedin, 89380	J. McDuff, cook ..	Effects of fall ..	Lyttelton ..	Fell through a skylight.
" 14	Flora, s.s., Hobart, 82526 ..	W. Burke, greaser ..	Injured finger ..	Auckland ..	Left hand caught in boat-fall, and top of middle finger taken off.
" 14	Kapiti, s.s., Wellington, 108078	T. Landy, fireman ..	Broken finger ..	At sea ..	Caught in machinery.
" 15	Southern Cross, s.s., London, 118276	G. McKenzie, A.B. ..	Broken rib ..	Auckland ..	Result of a fall.

"	17	Tally Ho (scow), Auckland, 102293	G. Lauritsen, A.B.	..	..	At sea ..	..	Winch-handle slipped and struck his left arm.
"	18	Rangi (scow), Auckland, 118976	E. Erickson, A.B.	..	..	Auckland	..	Was struck on the head by a derrick.
"	18	Manurewa (barque), Auckland, 89648	D. Maclean, A.B.	..	..	Auckland	..	Struck by a sling of timber.
"	21	Haurato, s.s., Dunedin, 84479	H. Gilmour, trimmer	..	..	At sea ..	..	Strained himself when trimming coal.
"	24	Pukaki, s.s., Dunedin, 84491	C. Martin, A.B.	..	..	Wellington	..	Some cargo-gear carried away and struck him.
"	25	Waitangi (ketch), Auckland (not registered)	W. Eggerton, master	..	..	Auckland Harbour	..	Fell overboard. Verdict, "Accidental death."
"	26	Mimro, s.s., London, 112681	J. Bissett, third engineer	..	..	Gisborne	..	Fell down the hold.
"	27	Tahawai, s.s., Auckland	E. Hecht, A.B.	..	..	Puriri ..	..	Strained his side when discharging cargo.
"	28	Wanaka, s.s., Dunedin, 95018	J. Carr, fireman	..	..	Bluff ..	..	Fell down stokehold-ladder.
"	29	Hawk (scow), Auckland, 102337	E. Strom, mate	..	..	Opua ..	..	Crushed whilst loading logs.
"	30	Koromiko, s.s., Dunedin, 117599	G. Gillespie, A.B.	..	..	Wellington	..	Slipped on the deck.
June	1	Haurato, s.s., Dunedin, 84479	T. Wells, trimmer	..	..	At sea ..	..	Injured his right hand when trimming coal.
"	4	Lizzie Taylor (schooner), Launceston, 79299	S. Olsen, A.B.	..	..	Timaru ..	..	Fell whilst getting on board.
"	7	Warrimoo, s.s., Dunedin, 101901	E. E. Hayden, A.B.	..	..	At sea ..	..	Whilst he was shifting a drum of carbide the ship lurched, and he was jammed between the drum and the winch.
"	9	Rakura, s.s., Dunedin, 78369	G. Macdonald, A.B.	..	..	Invercargill	..	An ingot of tin fell from a sling and struck him.
"	18	Canopus, s.s., Dunedin, 101490	R. Crawley, A.B.	..	..	Lyttelton	..	Slipped and fell on deck.
"	19	Corinna, s.s., Launceston, 79252	G. Lang, fireman	..	..	Dunedin	..	First finger of left hand caught between piston rod and flange, and top taken off.
"	21	Baden Powell, s.s., Auckland, 113073	J. Abramsen, A.B.	..	..	Whangarei	..	Struck his right knee severely against the hatch-combings.
"	22	Kamona, s.s., Dunedin, 101486	C. Smith, greaser	..	..	Pictou ..	..	Fell off the boat-deck to the lower bridge-deck.
"	22	Wairoa, s.s., Nelson, 87511	J. C. Hall, A.B.	..	..	Collingwood	..	His leg was caught in a loop of the mooring-line.
"	26	Koonya, s.s., Dunedin, 109641	T. Whalley, cook	..	..	At sea ..	..	Owing to ship rolling, put his foot into boiling water.
"	26	Komata, s.s., Dunedin, 117593	A. McRae, A.B.	..	..	Westport	..	Slipped and fell on deck.
"	28	Moeraki, s.s., Dunedin, 101498	J. O'Brien, trimmer	..	..	At sea ..	..	Struck his right leg against a beam.
July	7	Pohorua, s.s., Dunedin, 98061	S. Eves, fireman	..	..	At sea ..	..	Fell against the fore hatch.
"	8	Waverley, s.s., Nelson, 69012	G. Northcote, A.B.	..	..	At sea ..	..	Effects of a fall on deck.
"	9	Arahura, s.s., Dunedin, 117587	J. Holford, fireman	..	..	Wellington	..	Caused by getting ashes into it.
"	12	Koonya, s.s., Dunedin, 109641	H. Readman, A.B.	..	..	Wellington	..	A stack of cargo fell on him.
"	15	Alexander, s.s., Nelson, 93988	W. Harms, A.B.	..	..	Nelson	..	Caught in loop of a rope.
"	15	Inga (barque), Norway	J. Andersland, A.B.	..	..	Sydney ..	..	Whilst loading cargo.
"	16	Kaituna, s.s., Dunedin, 120467	J. Diez, A.B.	..	..	Westport	..	Caught in the winch.
"	20	Kaituna, s.s., Dunedin, 120467	H. Berthka, greaser	..	..	Wellington	..	Jammed in the machinery whilst oiling.
Aug.	4	Moa, s.s., Wellington, 40347	T. Lewis, A.B.	..	..	Foxton ..	..	Verdict of jury, "Accidentally drowned whilst under influence of drink."
"	5	Walhora, s.s., Dunedin, 123842	M. Donoghue, greaser	..	..	Auckland	..	Fell down hatch.
"	6	Natiawa, s.s., Auckland, 122916	I. Ireland, A.B.	..	..	Auckland	..	A splinter ran into his right hand.
"	6	Moorabool, s.s., Melbourne, 101727	J. Dobbie, trimmer	..	..	Napier ..	..	When going on board late at night, fell down the hold.
"	8	Hornby Grange, s.s., London, 98048	H. Bridson, O.S.	..	..	Napier ..	..	Fell from aloft and broke his leg whilst clearing the flag.
"	8	Monowai, s.s., Dunedin, 84497	A. Young, trimmer	..	..	Dunedin	..	Struck his hand against the grating when ascending from stokehold.
"	13	Rosamond, s.s., Dunedin, 89594	L. Johnson, A.B.	..	..	Wellington	..	Jammed in wheelhouse-door.
"	14	Invercargill, ss., Dunedin, 84489	A. Melvor, A.B.	..	..	Paterson's Inlet	..	Jammed in a chain sling.
"	23	Empreza (barque), Auckland, 29939	T. J. Smith, O.S.	..	..	Thames ..	..	Injured severely by a piece of jagged wire when discharging cargo.

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.
1909.					
Aug. 24	Koromiko, s.s., Dunedin, 117599	M. Hannan, trimmer	Bruised shin	At sea	Struck by a large piece of coal when trimming.
" 24	Takapuna, s.s., Dunedin, 84485	J. Mitchell, fireman	Injured foot	At sea	An iron slice fell on it.
" 25	Wakatu, s.s., Wellington, 64818	P. Jacobsen, A.B.	Sprained ankle.	Wellington	A sack of potatoes fell on his foot.
" 25	Louisa Craig (barque), Auckland, 75188	A. Polson, second mate	Sprained ankle.	Surprise Island	Sprained his ankle severely.
" 25	Aorete, s.s., Wellington, 64829	A. Bolgar, A.B.	Injured foot	Wellington	A cask of cement rolled over on it.
Sept. 2	Atua, s.s., Dunedin, 117591	W. McNamee, greaser	Injured shin	Tonga	Slipped on engine-room ladder.
" 4	Tarawera, s.s., Dunedin, 84480	F. H. Edge, third mate	Broken leg	Lyttelton	Struck by the cargo-shoot.
" 6	Waipatu (auxiliary schooner), Auckland	J. Jackson, A.B.	Crushed hand and wrist	Waipiro..	Had his hand and wrist jammed when getting out the oil-launch.
" 10	Flora, s.s., Hobart, 8252f	W. McCabe, O.S.	Injured knee	Tolaga Bay	Struck it against a drill.
" 14	Moura, s.s., Dunedin, 101726	E. Mullen, greaser	Sprained ankle.	Auckland	Slipped in stokehold.
" 16	Clansman, s.s., Auckland, 87520	J. Price, A.B.	Internal injury	Auckland	A bale of flax fell on him.
" 17	Clansman, s.s., Auckland, 87520	F. Hulton, boy	Injured eye	Auckland	Got something into it which caused inflammation.
" 24	Rarawa, s.s., Auckland, 115207	A. Pollock, fireman	Injured kneecap	Onehunga	Struck it against the air-door.
Oct. 1	Kaituna, s.s., Dunedin, 120467	D. McLean, A.B.	Rupture	Dunedin	A fore-and-after which he was holding fell into the hold, bringing a sudden strain on him.
" 2	Komata, s.s., Dunedin, 101486	H. Schoth, cook	Crushed thumb	At sea	Jammed in door of bakehouse.
" 5	Venture, s.s., Nelson, 93991	E. Brunnell, O.S.	Bruised side	Nelson	Fell on a stringer.
" 6	May Howard (auxiliary schooner), Auckland, 98525	J. Hannah, A.B.	Broken leg	Whangarei	Right leg and foot caught in winch and so severely injured that leg had to be amputated.
" 12	Aratapu, s.s., Auckland, 78354	L. J. Numa, A.B.	Injured finger	Lyttelton	Got his finger jammed whilst loading timber.
" 16	Speculant (barquentine), War-nambool, 120731	J. Jacobson, master	Broken leg	Hokianga	Got his leg jammed between hatch and timber.
" 16	Teaser (cutter), Auckland, 51597	M. Hill, deck hand	Bruised shin	At sea	When chopping firewood a piece struck him on the shin.
" 21	Eunice (scow), Auckland, 102343	G. Globke, A.B.	Sprained ankle.	Wellington	Fell off the fore-boom.
" 25	Maheno, s.s., Dunedin, 117590	A. Findlay, trimmer	Injured side	At sea	Fell in the stokehold.
" 25	Corinna, s.s., Launceston, 79252	T. Boyle, fireman	Injured shoulder	Timaru	Fell down stokehold steps.
" 26	Waimarie, s.s., Auckland, 102282	J. Whyte, cook	Burnt hand	Paeroa	Upset a pan of boiling fat on his left hand.
" 27	Rakana, s.s., Dunedin, 105262	D. McElligot, boy	Fatal	Bluff	Fell down hold.
Nov. 1	Petone, s.s., London, 112654	N. Bergs, A.B.	Injured head	At sea	Was thrown against the rail through the ship rolling.
" 1	Whakare, s.s., Auckland	W. Daniels, A.B.	Bruised arm	Thames..	Struck by mooring-line.
" 2	Bee (scow), Auckland, 94253	N. Wood, A.B.	Cut foot	Waipu	Whilst chopping wood.
" 3	Queen of the South, s.s., Well-ington, 74793	D. Hyde, A.B.	Injured leg	Wellington	Struck by a coil of barbed wire.
" 8	Drayton Grange, s.s., Greenock, 114064	T. Sweeney, A.B.	Injured head	Port Chalmers	Fell into hold.
" 11	Stormbird, s.s., Wellington, 31760	J. Jameson, A.B.	Injured finger	Wellington	Injured by hoop-iron whilst working cargo.
" 11	Opawa, s.s., Wellington, 91800	W. Marshall, A.B.	Strained back	Wellington	Injured whilst working cargo.
" 13	Eliza Firth (barquentine), Lyt-ton, 59540	P. Gibbons, mate	Broken rib	Off Kaipara	Through the vessel lurching he was thrown against the boom.
" 15	Ngatiawa, s.s., Auckland, 122916	A. Barnard, A.B.	Bruised thigh	Opotiki	Whilst working cargo struck his thigh against the hatch-combing.
" 16	Clansman, s.s., Auckland, 87520	C. Cross, O.S.	Injured hand	Russell	Ran a splinter in it.
" 23	Defender, s.s., Sydney, 112520	T. Fisher, A.B.	Injured toe	Hokitika	A piece of timber fell on his toe.
" 27	Corinna, s.s., Launceston, 79252	E. C. Mason, A.B.	Effects of fall	Onehunga	Slipped and fell into No. 4 hatch, breaking his collarbone and sustaining other injuries.

Dec.	4	Clansman, s.s., Auckland, 87520	J. Guzewell, fireman	..	..	At sea ..	..	A block of coal fell on it.
"	7	Kahu (scow), Auckland, 102314	P. Olliver, A.B.	..	..	Ngunguru	..	Occurred whilst carrying cargo ashore.
"	8	Wanaka, s.s., Dunedin, 95018	V. Higgins, A.B.	..	..	Napier ..	..	Caught between the stern-line and winch.
"	10	Aratapu (barquentine), Auckland, 78354	L. J. Numa, A.B.	..	..	Kaipara ..	..	Jammed in timber.
"	10	Rakanoa, s.s., Dunedin, 101477	J. Parker, greaser	..	..	Westport	..	A blast of flame from the furnace burnt his face and arm.
"	15	Huia, s.s., Wellington, 78367 ..	F. Bremer, A.B.	..	..	Wellington	..	A case fell out of a sling and struck him.
"	16	Monowai, s.s., Dunedin, 84497	G. Ridgcon, fireman	..	..	Dunedin	..	Accidentally put his right foot into a bucket of boiling water.
"	20	Hauroto, s.s., Dunedin, 84479	J. Hoskins, fireman	..	..	At sea ..	..	Struck it against a plank in the stokehold.
"	21	Kotuku, s.s., Dunedin, 78376 ..	J. E. Walker, O.S.	..	..	At sea ..	..	Had top of forefinger taken off whilst swinging the sidelight-screen inboard.
"	22	Hauroto, s.s., Dunedin, 84479	J. B. Nagle, cook	..	..	At sea ..	..	Struck by a sea and knocked against galley bulkhead.
"	23	Navua, s.s., Dunedin, 117583 ..	J. Read, butcher	..	..	Westport	..	"Found drowned in Buller River, but no evidence to show how he got there."
"	24	Putiki, s.s., Wellington, 108088	C. Campbell, fireman	..	..	Wellington	..	Jammed whilst oiling the engine.
"	25	Moeraki, s.s., Dunedin, 101498	A. Smith, fireman	..	..	At sea ..	..	Burnt on face and neck through explosion of a lamp.
"	27	Rakanoa, s.s., Dunedin, 101477	J. Fern, A.B.	..	..	At sea ..	..	Washed along the deck by a sea coming on board.
"	27	Rakanoa, s.s., Dunedin, 101477	M. Murray, A.B.	..	..	At sea ..	..	Washed along the deck by a sea coming on board.
"	29	Ngapuhi, s.s., Auckland, 102329	H. Larsen, A.B.	..	..	Whangarei	..	Got his right thumb jammed in a door.
Jan.	8	Navua* s.s., Dunedin, 117583 ..	R. McClure, fireman	..	..	At sea ..	..	Knocked against the ash-shoot blower.
"	9	Pateena, s.s., Launceston, 79262	T. McLeod, trimmer	..	..	Wellington	..	Knocked against condenser-pump.
"	9	Brisbane, s.s., Melbourne, 87040	A. Morrison, A.B.	..	..	Hokianga	..	When taking the anchor on board the rope slipped and the anchor fell into the water, carrying Morrison, who was standing on top of it, into the water.
"	18	Hauroto, s.s., Dunedin, 84479	W. White, butcher	..	..	At sea ..	..	Supposed to have jumped overboard in a fit of temporary insanity caused by insomnia.
"	25	Konata, s.s., Dunedin, 101486	E. Kane, A.B.	..	..	Westport	..	Fell off gangway between wharf and vessel.
"	25	Squali, s.s., Dunedin, 118113 ..	H. Lindstrum, fireman ..	..	..	Gisborne	..	Slipped and fell in stokehold.
"	31	Kennedy, s.s., Nelson, 52361 ..	H. Mayne, A.B.	..	..	Pictou ..	..	Slipped and fell on deck.
Feb.	2	Ngapuhi, s.s., Auckland, 102329	W. Benjamin, A.B.	..	..	Auckland	..	Slipped and put his foot through a skylight, sustaining a severe cut.
"	2	Clansman, s.s., Auckland, 87520	J. Hayes, fireman	..	..	At sea ..	..	Whilst trimming coal a quantity fell on him.
"	3	Wakanui, s.s., Plymouth, 108566	C. Briggs, boatswain	..	..	Auckland	..	Whilst shifting an anchor, got his left foot severely crushed.
"	7	Nikan, s.s., Nelson ..	A. McRae, A.B.	..	..	Nelson ..	..	An iron hook was pressed into his thigh by a moving case.
"	19	Ngapuhi, s.s., Auckland, 102329	W. Benjamin, A.B.	..	..	Whangarei	..	A splinter ran into his left hand.
"	24	Ngatawa, s.s., Auckland, 122916	I. Ireland, A.B.	..	..	Opotiki ..	..	A case fell on his foot.
Mar.	1	Mokoia, s.s., Dunedin, 101483	F. Thomas, crew's attendant	..	..	Auckland	..	Fell whilst carrying hot tea into fore-castle.
"	2	Regulus, s.s., Dunedin, 117596	T. Crook, A.B.	..	..	Westport	..	Crushed whilst putting on the hatches.
"	2	Mokoia, s.s., Dunedin, 101483	F. Anderson, A.B.	..	..	Gisborne	..	Crushed by a sling of cargo.
"	2	Ariel (auxiliary cutter), Bluff ..	V. W. G. Johanson	..	..	Off Dog Island	..	Deceased was engaged dredging for oysters, and whilst assisting to haul in the dredge it slipped off the rail back into the sea, and carried Johanson, who was standing on it, overboard, and he sank before assistance could be rendered him.
"	4	Kanieri, s.s., Auckland, 84490	W. Mills, O.S.	..	..	Auckland	..	Whilst oiling winch, got his two right-hand middle fingers crushed.
"	10	Mapourika, s.s., Dunedin, 101482	A. J. Clunie, second mate	..	..	Westport	..	The roller of a chock which was holding a wire rope broke, and the released rope struck Clunie on the left leg, causing such injury that an amputation was necessary.
"	11	Paeroa, s.s., Auckland, 94251 ..	H. Wicht, O.S.	..	..	Whakatane	..	Got his hand caught in the winch.
"	28	Ngapuhi, s.s., Auckland, 102329	A. Ledbitter, A.B.	..	..	Auckland	..	Jammed in winch.

RETURN showing AMOUNTS paid to DISABLED SEAMEN under Section 119 of the Shipping and Seamen Act, 1908, for the Year ended 31st March, 1910.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.
			£ s. d.
Abramsen, J.	Baden Powell	Injured knee	7 19 4
Andersland, J.	Inga	Injured ankle	6 16 0
Anderson, F.	Mokoia	Crushed finger	9 19 10
Anderson, W.	Dorset	Scalded	12 18 0
Barbean, A.	Monowai	Influenza	8 8 0
Barnard, A.	Ngatiawa	Injured thigh	7 13 4
Baxter, J.	Lady Barkly	Inflammation of bowels	1 5 4
Benjamin, W.	Ngapuhi	Injured hand	6 0 8
Berthka, H.	Kaituna	Injured finger	32 3 0
Bergs, N.	Petone	Injured head	10 15 6
Bissett, J.	Mimiro	Broken leg and collar-bone	32 16 0
Bolgar, A.	Aorere	Injured foot	11 10 10
Bremer, F.	Huia	Bruised leg	9 8 10
Bridson, H.	Hornby Grange	Broken leg	36 16 9
Bruce, W.	Wanaka	Injured toe	16 2 8
Brunell, E.	Venture	Bruised side	8 10 0
Budgen, D.	Waikare	Rheumatism	5 18 4
Burke, W.	Flora	Injured hand	26 15 0
Burns, P. H.	Rarawa	Injured back	7 10 0
Burton, A. M.	Moorabool	Bronchitis	32 2 0
Bustin, T.	Moeraki	Rupture	32 2 0
Campbell, C.	Putiki	Injured finger	20 0 4
Carr, J.	Wanaka	Injured wrist	7 8 0
Carroll, H.	Kennedy	Asthma	38 18 10
Chadwick, H. J.	Hippalos	Bright's disease	23 0 6
Cheshire, E.	Corinna	Appendicitis	32 19 8
Clegg, D.	Hauroto	Ulcerated throat	17 11 0
Cole, J.	Buteshire	Swollen ankle	2 5 0
Connor, T.	Victoria	Tonsilitis	14 13 4
Cooper, W.	Kamona	Stomach trouble	13 19 0
Crawford, J.	Navua	Severe cold	10 12 7
Cross, C.	Clansman	Injured hand	6 8 4
Daniels, W.	Wakatere	Injured ankle	15 16 0
Diez, J.	Kaituna	Crushed hand	24 18 0
Dobbie, James	Moorabool	Fractured thigh	37 5 4
Donoghue, M.	Waihora	Injury to shin	25 0 6
Erickson, E.	Rangi	Injured head	7 5 0
Erskine, J.	Corinna	Severe cold	4 13 0
Eves, S.	Poherua	Ricked back	6 9 4
Feran, J.	Rakanoa	Injured shoulder	12 14 4
Findlay, A.	Maheno	Injured side	1 12 8
			And passage from Auckland to Dunedin.
Fisher, Thomas	Defender	Bruised toe	19 15 1
German, G. A.	Manuka	Rheumatism	6 16 8
Gillespie, G.	Koromiko	Sprained ankle	22 19 8
Gillies, W.	Corinna	Severe bilious attack	4 9 0
Gilmour, H.	Hauroto	Strained back	11 15 8
Globeke, G.	Eunice	Sprained ankle	12 8 0
Graham, E. F.	Himitangi	Crushed foot	35 19 2
Guzzwell, J.	Clansman	Injured foot	2 4 0
Hall, J. C.	Wairoa	Broken leg	43 16 0
Hall, W.	Kurow	Throat trouble	13 18 6
Hannah, J.	May Howard, aux. schooner	Loss of leg	19 15 6
Hannan, M.	Koromiko	Bruised shin	10 6 8
Hansen, C. G.	Kapanui	Scalded thigh	8 9 2
Harding, R. A.	Whakarua	Toes broken	7 4 0
Harms, W.	Alexander	Crushed fingers	6 14 11
Hart, P.	Corinna	Dislocated shoulder	16 3 8
Hayden, E. E.	Warrimoo	Broken leg	36 6 7
Hayes, J.	Clansman	Injured back	20 4 0
Hecht, E.	Tahawai	Strained side	8 19 0
Higgins, P.	Wanaka	Broken rib	12 6 0
Hills, James	Warrimoo	Injured ribs	10 0 2
Holden, George	Riverina	Bad eyes	26 18 6
Holford, J.	Arahura	Injured eye	11 17 2
Hoskins, J.	Hauroto	Injured knee	9 17 6
Hume, G.	Weathersfield	Injured hand	9 11 4
Humpage, W.	Moeraki	Scalds	5 1 0
Hyde, D.	Queen of the South	Injured leg	8 11 3
Ireland, I.	Ngatiawa	Injured foot	11 0 0
Ireland, I.	Ngatiawa	Injured hand	3 5 4
Jackson, J.	Waiapu, schooner	Injured hand and wrist	17 4 6
Jacobsen, J.	Speculant	Broken leg	23 2 0
Jacobsen, P.	Wakatu	Sprained ankle	9 8 3
Jameson, J.	Stormbird	Injured fingers	8 15 10
Johnson, L.	Rosamond	Injured finger	25 15 4
Jones, J.	Hampstead	Ulceration of stomach	12 0 0
Kaue, E.	Komata	Broken arm	9 19 7
Keeble, S.	Eunice	Kidney disease	17 14 0
Keemp, W.	Takapuna	Sprained wrist	24 10 2
Kennedy, A.	Eliza Firth	Abscess in throat	10 8 0
Konig, W.	Wootton	Sciatica	7 18 0

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

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.
			£ s. d.
Laery, J.	Manuka	Boils	11 14 0
Landy, T.	Kapiti	Broken finger	46 5 0
Lang, George	Corinna	Injured finger	18 12 0
Larsen, H.	Ngapuhi	Crushed thumb	5 5 7
Lauritson, G.	Tally Ho, scow	Broken arm	37 10 0
Lethaby, T.	Waiotahi	Influenza	10 5 8
Lindstrum, H.	Squall	Strained back	8 16 6
Lyon, George	Tongariro	Appendicitis	14 13 11
Macdonald, G.	Rakiura	Injured foot	17 3 10
Macdonald, W.	Moeraki	Injured hand	5 7 8
Maclean, D.	Manurewa	Injured back	7 11 6
Mally, M.	Kairaki	Rheumatism	8 11 4
Marney, W.	Warrimoo	Bronchitis	19 0 0
Martin, C.	Pukaki	Broken ribs	39 5 6
Mason, E. C.	Corinna	Broken collar-bone	19 4 8
Matson, R.	Rakanoa	Bruises	26 12 6
Mayne, H.	Kennedy	Dislocated shoulder	9 9 4
Mears, Charles	Papanui	Paralysis	32 2 10
Millar, G.	Queen of the South	Acute rheumatism	9 1 7
Mills, W.	Kanieri	Injured hand	7 1 8
Mitchell, J.	Takapuna	Injured foot	10 15 0
Moore, J.	Holmdale	Boil on hand	14 13 4
Morrison, A.	Brisbane	Drowned	5 0 0
Morrison, E.	Weathersfield	Injured head	14 10 0
Mortenson, R.	Welcome	Injured back	9 4 10
Murphy, T. A.	Storm	Eczema	7 14 0
Murray, M.	Rakanoa	Bruises	10 3 10
McCabe, W.	Flora	Injured knee	7 12 6
McCann, P.	Ohinemuri	Cold in eyes	22 0 0
McClure, R.	Navua	Injured elbow	9 2 0
McElligott, D.	Rakaia	Fatal accident, fractured skull	0 14 11
McEwan, G.	Ulimaroa	Bronchitis	35 4 10
McIvor, A.	Invercargill	Injured hand	8 8 8
McKenzie, G.	Southern Cross	Broken rib	8 9 2
McLean, D.	Kaituna	Rupture	4 10 0
McLeod, T.	Pateena	Injured elbow	11 19 0
McRae, A.	Komata	Broken arm	24 0 4
McRae, A.	Nikau	Blood-poisoning	7 4 4
Nagle, J. B.	Hauroto	Injured internally	45 1 0
Nicolson, M.	Waikare	Injured head	13 13 4
Northcote, G.	Waverley	Injured back	2 17 10
Numa, L. J.	Aratapu	Injured finger	25 4 0
O'Brien, J.	Moeraki	Injured leg	6 4 8
O'Farrell, G. R.	Manapouri	Injured leg	15 3 6
Oliver, W.	Wairoa	Influenza	20 5 0
Olsen, S.	Lizzie Taylor	Broken collarbone	24 19 0
Parker, J.	Rakanoa	Burns	17 6 2
Pollock, A.	Rarawa	Injured knee	7 15 0
Polson, A.	Louisa Craig	Injured ankle	7 1 6
Poole, M.	Maheno	Typhoid fever	19 17 0
Pry, A.	Louisa Craig	Appendicitis	27 16 8
Readman, H.	Koonya	Injured back	41 18 8
Ridgeon, G.	Monowai	Scalded	11 7 0
Rolfe, A.	Manuka	Tonsillitis	6 16 4
Ross, William	Moana	Sciatica	18 5 8
Ryan, P.	Indravelli	Rheumatism	15 15 0
Schoth, H.	Komata	Crushed thumb	15 8 8
Smith, A.	Moeraki	Injured face and neck	6 19 8
Smith, C.	Kamona	Fractured skull	40 1 0
Smith, T. J.	Empreza, barque	Injured thumb	7 11 6
Stephens, H.	Arahura	Injured finger	43 5 0
Strom, E.	Hawk, scow	Crushed thumb	16 9 2
Sweeney, T.	Drayton Grange	Injured head	1 10 0
			And passage from Dunedin to Wel- lington.
Tants, M.	Poherua	Influenza	10 16 0
Thomas, F.	Rakanoa	Bruises	24 1 0
Thompson, T.	Rarawa	Rupture	9 18 4
Tomquest, H.	Helga, barquentine	Appendicitis	13 19 6
Walker, J.	Rosamond	Burns	15 1 8
Walker, J. E.	Kotuku	Injured finger	9 19 0
Watts, C.	Hauroto	Hernia	27 2 0
Wells, T.	Hauroto	Injured hand	15 19 0
Whalley, T.	Koonya	Scalded foot	4 0 0
Wheeler, A.	Opawa	Typhoid fever	10 5 0
Whyte, James	Waimarie	Burnt hand	19 5 0
Wicht, H.	Paeroa	Injured hand	7 8 4
Wilkinson, J.	Tongariro	Appendicitis	10 0 0
Williams, A.	Canopus	Gastritis	21 8 0
Wood, N.	Bee, scow	Cut foot	5 12 0
Woods, A.	Manuka	Injured hand	18 17 0
Young, A.	Monowai	Injured hand	6 18 0
Total			£2,484 15 4

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, 1910.

Name of Person.	Position held.	Ship.	Particulars of Offence, &c.	Date of Conviction.	Penalty imposed.
Anderson, A. W.	Fireman	Mimiro	Assaulting the chief officer and boatswain	28/10/09	Fined £1.
Ancombe, A.	Fireman	Waimate	Assaulting chief officer	24/9/09	One month's imprisonment, or £5.
Black, William	Fireman	Cornwall	Absent without leave	4/9/09	Seven days' imprisonment, costs, and wages of substitute.
Bower, H.	A.B.	Tokomaru	Wilful disobedience of lawful orders	5/5/09	Two days' imprisonment, or 10s., and costs 7s.
Boyd, William	Fireman	Delphic	Absent without leave	29/12/09	5s., costs, and be put aboard.
Burnicle, A.	A.B.	Clyde	Absent without leave	27/1/10	Costs 17s. 6d., and 8s. for substitute.
Butcher, W.	A.B.	Kitawa	Absent without leave	9/12/09	To be placed on board, pay 7s. costs, and 6s. for substitute.
Byrne, Frederick	Fireman	Cornwall	Absent without leave	4/9/09	Seven days' imprisonment, costs, and wages of substitute.
Clark, Francis	A.B.	Aotea	Wilful disobedience on high seas	26/6/09	£5, and costs £1 8s.
Dempsey, R.	Boatswain	Opawa	Assaulting the donkeyman	11/11/09	Fined 10s., and costs.
Dobias, J.	Cook	Fifeshire	Theft of fat	2/10/09	One month's imprisonment.
Duffy, Frederick	A.B.	Joseph Craig	Broaching cargo and stealing beer	21/5/09	Three months' imprisonment.
Dunlop, John	Fireman	Cornwall	Absent without leave	4/9/09	Seven days' imprisonment, costs, and wages of substitute.
Frostman, Frank	A.B.	Joseph Craig	Broaching cargo and stealing beer	21/5/09	Three months' imprisonment, and pay value of goods stolen.
Gunn, James	A.B.	Clyde	Absent without leave	26/1/10	Seven days' imprisonment, and £1 8s. costs.
Harris, William	Fireman	Waimate	Absent without leave	24/9/09	Fined one day's pay.
Howard, Thomas F.	Fireman	Celtic King	Absent without leave	29/12/09	To be placed on board.
Hughes, D.	Fireman	Karamea	Drunk	25/2/10	Ordered to be placed on board.
Jackson, George	A.B.	Den of Ruthven	Obscene language	8/4/09	One month's imprisonment, or £5.
Johnson, W.	Trimmer	Kumara	Disobeying lawful orders	27/7/09	One month's imprisonment.
Johnston, E.	Fireman	Mimiro	Assaulting the chief officer and boatswain	28/10/09	£1.
Lloyd, L.	A.B.	Kaitangata	Absent without leave	11/1/10	7s. costs, and 10s. 6d. for substitute.
Marshall, E.	A.B.	Devon	Broaching cargo	15/8/09	Sixteen days' imprisonment, or £3, and costs 12s.
Martin, George S.	A.B.	Joseph Craig	Broaching cargo and stealing beer	21/5/09	Three months' imprisonment.
Matthews, Joseph	Fireman	Delphic	Absent without leave	22/10/09	Fined 10s.
Matthews, J.	Fireman	Kumara	Absent without leave	18/2/10	Cost of substitute, £1.
Minogue, M.	Fireman	Kumara	Absent without leave	18/2/10	Cost of substitute, 10s.
Morgan, J.	A.B.	Kaikoura	Serious assault	2/7/09	Two months' imprisonment.
McDonald, Donald	A.B.	Ganymede	Drunk and disorderly, and using obscene language	10/8/09	Seven days' imprisonment.
McKay, H. F.	Fireman	Cornwall	Absent without leave, and destroying property of Henry Sheridan	4/9/09	Seven days' imprisonment, 10s. costs, wages of substitute, and value of goods destroyed.
Nelson, C. W.	A.B.	Tainui	Using obscene language	25/3/10	Twenty-one days' imprisonment, or £4.
Osterach, William	A.B.	Invercargill	Absent without leave	7/6/09	Twenty-four hours' imprisonment, or 5s.
Osterach, William	A.B.	Invercargill	Assaulting the master	7/6/09	Seven days' imprisonment, or £2.
Paton, W.	Cook	Athenic	Disobeying lawful orders	4/12/09	One month's imprisonment, or £1.
Pentland, J.	A.B.	Athenic	Wilful disobedience of lawful orders, and refusal of duties	7/8/09	Fourteen days' imprisonment, or £5, and costs £1 1s.
Porter, E.	A.B.	Rimutaka	Absent without leave	22/10/09	Two days' imprisonment, or 10s.
Rae, J.	Mate	Caracciolo	Desertion	22/10/09	Ordered to return to ship.
Robinson, W.	A.B.	Tokomaru	Wilful disobedience of lawful orders	5/5/09	Two days' imprisonment, or 10s., and costs 7s.
Seagrave, J.	Fireman	Delphic	Absent without leave	29/12/09	5s. costs, and to be put aboard.
Shaw, W. J.	Fireman	Cornwall	Disobeying lawful commands	31/3/10	Forty-eight hours' imprisonment, or two days' pay.
Shaw, W. J.	Fireman	Cornwall	Using obscene language	31/3/10	One month's imprisonment, or £5, and costs 7s.
Sullivan, Charles A.	Deck hand	Aotea	Stealing a rug	5/4/09	Seven days' imprisonment.
Tatterson, N.	A.B.	Rakaia	Disobeying lawful orders	23/4/09	Two days' imprisonment, or £1, and costs 1s.
Tunbridge, F.	A.B.	Waimate	Desertion	17/11/09	£1, and costs 7s.
Walton, J.	A.B.	Sussex	Refusing duty on the high seas	4/12/09	Seven days' imprisonment, or £1.
Williams, J.	A.B.	Kaitangata	Absent without leave	11/1/10	7s. costs, and 10s. 6d. for substitute.
Wilson, F.	Fireman	Corinthic	Assaulting the boatswain	14/8/09	Two days' imprisonment, or £1.

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1910.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Robert James Underdown	Master	Foreign trade ..	15 April, 1909 ..	1020
Robert Kidnie	First mate	"	11 May, " ..	1047
James Whatmore Parsonson	Second mate	"	20 " " ..	1092
Alfred James Henry	"	"	28 " " ..	1093
Louis Ernest Austin	Master	"	31 " " ..	1094
Francis Edwin Naylor	First mate	"	1 June, " ..	1095
George Brotherton Morgan	Master	"	4 " " ..	1007
Heywood Fletcher	"	"	15 " " ..	970
Reginald Austin Williamson	" steam	"	1 July, " ..	1038
James Boyd	Second mate	"	1 " " ..	1096
Bernard St. Vincent Ford	Master	"	8 " " ..	1097
Arthur Morley	"	"	30 " " ..	1098
Arthur Henry Wedgwood Burgess	First mate	"	27 Aug., " ..	1099
William Wilkinson Wood	"	"	16 Oct., " ..	1023
George Thorpe	Second mate, steam	"	18 " " ..	1100
Guy Freeman	Second mate	"	5 Nov., " ..	1101
Andrew Pry	First mate	"	11 " " ..	1044
John Lowry	Second mate	"	17 " " ..	1102
James Plowman	First mate	"	24 " " ..	1062
John Rhys Owen	First mate, steam ..	"	24 " " ..	1054
John Anthony Martin	First mate	"	14 Dec., " ..	1078
William Thompson	"	"	16 " " ..	1103
Leonard Charles Adkins	Master	"	16 " " ..	975
Herbert Hogan	First mate	"	14 Jan., 1910 ..	1024
Duncan Allan	Second mate	"	14 " " ..	1104
James Downie	Master	"	14 " " ..	1105
Godfrey George Moss	Second mate	"	20 " " ..	1106
Leonard Charles Adkins	Extra master	"	28 " " ..	975
Joseph William Cameron	Second mate, steam	"	4 March, " ..	1107
Herbert Michael Hurley	Second mate	"	7 " " ..	1108
Henry Claydon	Master	"	12 " " ..	1021
Walter Henry Frame	Second mate	"	16 " " ..	1109
William Whiteford	Extra master	"	31 " " ..	979
Edwin Mugford Stentiford	Mate	Home trade ..	20 May, 1909 ..	5648
Edward James Ansell	"	"	28 " " ..	5649
Tommas Christian Thomsen	"	"	28 " " ..	5650
William John McManus	"	"	4 June, " ..	5651
Caleb Charles Williams	Master	"	12 " " ..	5652
Victor Emanuel Johansen	Mate	"	23 " " ..	5653
William Edward Wahlstrom	Master	"	23 " " ..	5502
Frederick Wilson	Mate	"	28 July, " ..	5654
Donald Joseph Teixeira	Master	"	27 Aug., " ..	5659
David Jefferson	"	"	27 " " ..	5655
Peter Johnson	Mate	"	1 Sept., " ..	5656
Alfred Edward Avery	"	"	1 " " ..	5657
Donald Hastings Cambridge	Master	"	9 " " ..	5658
Alexander Thomson	Mate	"	7 Oct., " ..	5659
Peter Peldek	Master	"	12 " " ..	5660
John Urban Smith	"	"	23 " " ..	5604
Daniel Bonner	"	"	5 Nov., " ..	5661
Frederick Green Shirley	"	"	5 " " ..	5624
Alfred Frederick Inman	Mate	"	5 " " ..	5662
Nathaniel Morgan	Master	"	7 Dec., " ..	5580
Carroll Christian Hansen	"	"	7 " " ..	5594
Robert Lendrick Sproule	"	"	15 " " ..	5616
Rasmus Jacobsen	"	"	14 " " ..	5612
Patrick Joseph Haugh	Mate	"	14 " " ..	5663
George Arthur Nairn	"	"	20 Jan., 1910 ..	5664
Walter Frederick Suckling	"	"	7 Feb., " ..	5665
Charles Dahl	Master	"	9 " " ..	5630
Alexander Hutchinson Howie	Mate	"	17 " " ..	5606
John George Keefe	"	"	3 March, " ..	5667
Roderick McKinnon	"	"	3 " " ..	5668
James Pringle Murray	"	"	7 " " ..	5669
John Christopher Harding	Master	River steamer ..	15 April, 1909 ..	3526
Tommas Christian Thomsen	"	"	26 " " ..	3527
William August Alfonso Martens	"	"	30 " " ..	3528
George Such Carlile	"	"	30 " " ..	3529
Alexander Hutchinson Howie	"	"	11 May, " ..	3530
Alexander Sutherland Burns	"	"	12 June, " ..	3531
Andrew Haul	"	"	15 " " ..	3532
William Nassau Stewart	"	"	15 " " ..	3533
Cæsar Roose	"	"	15 " " ..	3534
Robert Andrew Hamilton	"	"	23 " " ..	3535
John Daniel Faulkner	"	"	23 " " ..	3536
Alfred Pierpoint	"	"	9 July, " ..	3537
John Charles Williams	"	"	27 " " ..	3538
Harold James Bettany	"	"	27 " " ..	3539
Arthur Clark	"	"	18 Aug., " ..	3540
Maurice Roose	"	"	18 " " ..	3541
Frank Bond Emms	"	"	24 " " ..	3542
Thomas Brown	"	"	9 Sept., " ..	3543
Albert George Baggett	"	"	23 " " ..	3544
Henry Francis Joyce	"	"	5 Oct., " ..	3545
Edward Henry	"	"	29 " " ..	3546
Edgar Major Brown	"	"	5 Nov., " ..	3547

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1910—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Alexander Goudie	Master	River-steamer	20 Nov., 1909	3548
Ewen Morrison	"	"	24 " "	3549
Richard Henry Harnett	"	"	19 " "	3550
George Andrew Simmons	"	"	7 Dec., "	3551
Stanley Nelson Going	"	"	8 Jan., 1910	3552
William Hudson	"	"	27 " "	3553
Charles Clement Drifill	"	"	3 March, "	3554
James Samuel Fitzmaurice	"	"	16 " "	3555
Edwin Mugford Stentiford	"	Fishing or cargo-vessel under 25 tons register	11 May, 1909	21
John Frederick Kasper	"	Ditto	23 June, "	22
Alfred Williams	"	"	9 July, "	23
Kenneth Robert Murray-McGregor	"	"	20 Aug., "	24
Thomas Donovan	"	"	27 " "	25
James William Peterson Thomson	"	"	9 Sept., "	26
George Carey	"	"	15 " "	27
Alfred Edward Avery	"	"	15 " "	28
Thomas Brown	"	"	21 " "	29
Alfred Frederick Inman	"	"	5 Nov., "	30
William Edwin Mumby	"	"	11 " "	31
Gledney Davis	"	"	17 " "	32
Francis Edward Wills	"	"	3 March, 1910	33
John George Keefe	"	"	14 " "	34
Harold Fox Draffin	"	"	14 " "	35
Alexander McGlashan	"	Fishing-boat under 5 tons	5 Nov., 1909	24
Sydney Sellers	2nd-class engineer	Foreign trade	11 May, "	958
Henry George Noy	1st-class engineer	"	11 " "	428
Robert Graham	3rd-class engineer	"	11 " "	1145
Angus Macdonald	"	"	11 " "	1146
John Harold Wilson	"	"	11 " "	1147
Peter Carnahan	"	"	11 " "	1148
William Herbert	"	"	11 " "	1149
James Graham Adair	"	"	11 " "	1150
Joseph Edmond Hamer	"	"	11 " "	1151
Harry Raynor Salmon	"	"	11 " "	1152
Samuel Aubrey McLernon	"	"	11 " "	1153
George Brown	"	"	11 " "	1154
William Farquharson Bey	"	"	11 " "	1155
Charles Adolphus Millar	"	"	11 " "	1156
Bernard John O'Donoghue	"	"	11 " "	1157
Norman Phelps Hopkins	"	"	20 " "	1158
Duncan Barclay McLaren	"	"	20 " "	1159
Benjamin Dennitts Smith	"	"	20 " "	1160
Walter Somerville	"	"	20 " "	1161
Harold Mason Warner	"	"	20 " "	1162
William Foster	"	"	20 " "	1163
Harry Williams Justin	"	"	20 " "	1164
James Oswald Penman	"	"	20 " "	1165
George Cunningham	1st-class engineer	"	20 " "	797
Thomas Aquinace Murphy	2nd-class engineer	"	20 " "	975
Robert Laurie	"	"	20 " "	983
Allan James Rolls	3rd-class engineer	"	20 " "	1166
George Gus Lowrie	"	"	4 June, "	1167
Ralph Stewart Connolly	"	"	4 " "	1168
William Houston King	"	"	4 " "	1169
John Allan	"	"	4 " "	1170
Thomas Fogarty	"	"	4 " "	1171
William George Reeve	"	"	4 " "	1172
David Wilkinson	2nd-class engineer	"	4 " "	926
Amie Augustus Ragg	1st-class engineer	"	15 " "	1173
Stephen Bernech	"	"	15 " "	1174
Walter Rogers	3rd-class engineer	"	15 " "	1175
Edgar Blundell	"	"	15 " "	1176
Cecil Roy McLean Baird	"	"	17 " "	1177
Henry Rowland Ackroyd	"	"	17 " "	1178
Stuart Taylor Williamson	"	"	17 " "	1179
James Malcolm May	"	"	17 " "	1180
Donald McBean	"	"	17 " "	1181
John Peter Burns	2nd-class engineer	"	21 " "	953
Arthur Ballington Daniel	"	"	21 " "	1033
William Thomas Dineen	3rd-class engineer	"	21 " "	1182
John McLean	"	"	21 " "	1183
Gilbert Arnold Stent	"	"	1 July, "	1184
Reginald Frederick Back	"	"	9 " "	1185
Alfred Ernest Doig	"	"	9 " "	1186
James Henry Telford	"	"	9 " "	1187
Joseph Boot	"	"	9 " "	1188
Ridley William Moody	2nd-class engineer	"	9 " "	1028
Charles James McLean	1st-class engineer	"	10 " "	717
Percy Edmund Brewer	"	"	23 " "	587
Peter John Shea	"	"	26 " "	235
John Henry Prendeville	2nd-class engineer	"	26 " "	948
Lionel Stanhope Dawson	"	"	26 " "	997

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1910—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
David William King	3rd-class engineer ..	Foreign trade ..	27 July, 1909 ..	1189
Alexander Kennedy	" ..	" ..	3 Aug., " ..	1190
Charles McGhee	" ..	" ..	4 " " ..	1191
Gordon Charles Webb	" ..	" ..	4 " " ..	1192
Sydney Salvin Swan	" ..	" ..	4 " " ..	1193
Thomas Kidd	" ..	" ..	9 " " ..	1194
Harold Humphrey Matthews	" ..	" ..	9 " " ..	1195
John Alexander Urquhart	" ..	" ..	9 " " ..	1196
Francis Leslie Crosbie	" ..	" ..	9 " " ..	1197
Windsor Colin McKenzie	" ..	" ..	9 " " ..	1198
Donald George John McKay	" ..	" ..	9 " " ..	1199
William Thomas	" ..	" ..	9 " " ..	1200
John William Cunningham Steele	" ..	" ..	9 " " ..	1201
Alexander Gray Watson	" ..	" ..	9 " " ..	1202
Charles James Poole	" ..	" ..	11 " " ..	1203
John Alfred Smith	" ..	" ..	11 " " ..	1204
Percy James McComish	" ..	" ..	12 " " ..	1205
William Walter Spargo	1st-class engineer ..	" ..	14 " " ..	1206
Ivo Roydon Gilmour	2nd-class engineer ..	" ..	14 " " ..	867
Michael Joseph McConville	" ..	" ..	16 " " ..	810
Charles Henry Harris	3rd-class engineer ..	" ..	8 Sept., " ..	1207
Thomas Christian Mikkelsen	" ..	" ..	8 " " ..	1208
Joseph Morrell	" ..	" ..	8 " " ..	1209
Norman Eric Walker	" ..	" ..	8 " " ..	1210
Hector Joseph Turner	" ..	" ..	8 " " ..	1211
Alexander Alison	" ..	" ..	8 " " ..	1212
Floyd Gillam	" ..	" ..	8 " " ..	1213
Thomas Nixon	" ..	" ..	10 " " ..	1214
Neil Robert Henderson	" ..	" ..	10 " " ..	1215
Frederick Corkill	" ..	" ..	10 " " ..	1216
James Jeffries	2nd-class engineer ..	" ..	14 " " ..	839
Ronquest William Carpenter	1st-class engineer ..	" ..	27 " " ..	1217
Charles Scott	3rd-class engineer ..	" ..	4 Oct., " ..	1218
James Ernest Rough	" ..	" ..	6 " " ..	1219
Joseph Mathew Ryan	" ..	" ..	6 " " ..	1220
Charles Alexander Roulston	" ..	" ..	6 " " ..	1221
Arthur George Charles Marsden	" ..	" ..	6 " " ..	1222
Robert Gordon Holmes	" ..	" ..	6 " " ..	1223
John Brown	" ..	" ..	6 " " ..	1224
William McWilliam Burr	" ..	" ..	6 " " ..	1225
William Matthew Hancock	" ..	" ..	7 " " ..	1226
James Allan Knowles	1st-class engineer ..	" ..	7 " " ..	818
Ernest Alfred Edgar Binns	" ..	" ..	14 " " ..	662
Cecil Stuart Richardson	3rd-class engineer ..	" ..	21 " " ..	1227
Neil John McMurrich	" ..	" ..	23 " " ..	1228
Reginald Edward Smallbone	1st-class engineer ..	" ..	2 Nov., " ..	292
George Murdoch Wilson	2nd-class engineer ..	" ..	7 Dec., " ..	1020
Wilfred Alfred Binns	3rd-class engineer ..	" ..	7 " " ..	1229
Edward Charles Lawless	" ..	" ..	7 " " ..	1230
Albert Charles Beken	" ..	" ..	14 " " ..	1231
Andrew Ferrie Turnbull	" ..	" ..	14 " " ..	1232
John Henderson Bruce	" ..	" ..	14 " " ..	1233
Arthur Makgill	" ..	" ..	20 " " ..	1234
William Stephen Rankin	" ..	" ..	20 " " ..	1235
George Epthorpe Turner	" ..	" ..	20 " " ..	1236
Harold George Isaac	" ..	" ..	20 " " ..	1237
Joseph Guy	" ..	" ..	20 " " ..	1238
Charles Edward Anderson	1st-class engineer ..	" ..	22 " " ..	1239
Charles Broadley	2nd-class engineer ..	" ..	24 " " ..	783
Laurence Keelan McMurrich	1st-class engineer ..	" ..	20 Jan., 1910 ..	925
Edward Looney	" ..	" ..	20 " " ..	582
William Mowatt	" ..	" ..	20 " " ..	934
William Young	" ..	" ..	20 " " ..	1000
Robert Harold Gurnell Harwood	3rd-class engineer ..	" ..	20 " " ..	1240
Robert Henderson Cunningham	" ..	" ..	20 " " ..	1241
Francis Patrick Hendron	" ..	" ..	21 " " ..	1242
Alfred Hedley Wright	" ..	" ..	21 " " ..	1243
George Leonard Leaity	" ..	" ..	21 " " ..	1244
Francis Onslow Morath	" ..	" ..	21 " " ..	1245
Albert Victor Bettis	" ..	" ..	26 " " ..	1246
William McCracken	1st-class engineer ..	" ..	27 " " ..	1247
Edward Harold Ambrose Furby	3rd-class engineer ..	" ..	3 Feb., " ..	1248
John Doye	" ..	" ..	9 " " ..	1249
Lionel Patrick McConville	" ..	" ..	9 " " ..	1250
Ernest Charles Scully	" ..	" ..	9 " " ..	1251
John Eric Lipscombe	" ..	" ..	9 " " ..	1252
John Francis Melville Lockhead	" ..	" ..	9 " " ..	1253
Robert David Williams	" ..	" ..	9 " " ..	1254
Cedric Kenny Onslow Graham	" ..	" ..	9 " " ..	1255
Charles Gordon King	" ..	" ..	9 " " ..	1256
Thomas William Turner	" ..	" ..	17 Feb., " ..	1257
George Gordon Smith	2nd-class engineer ..	" ..	5 March, " ..	1095
John George Whyte	" ..	" ..	5 " " ..	1014
James Kennedy Stuart	1st-class engineer ..	" ..	7 " " ..	1258
Robert Cochrane McCaughey	" ..	" ..	7 " " ..	1259

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1909—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Alexander Stuart Ewan	2nd-class engineer ..	Foreign trade ..	7 March, 1910 ..	1036
Alexander Lang	"	"	7 " " ..	1064
William Charles Norris	"	"	7 " " ..	1023
Reginald Aubrey Lewis	3rd-class engineer ..	"	7 " " ..	1260
William Anderson	"	"	7 " " ..	1261
Henry Edgar Struthers	"	"	7 " " ..	1262
Louis Charles Symes	"	"	7 " " ..	1263
Jack Dunbar Townsend	"	"	7 " " ..	1264
James Reston Wilson	"	"	7 " " ..	1265
Richard Hawkings	"	"	16 " " ..	1266
Edward Charles Roi Young	"	"	16 " " ..	1267
William Christopher McCracken	"	"	16 " " ..	1268
Alexander Albert Douglas	"	"	16 " " ..	1269
John Young Douglas	"	"	16 " " ..	1270
John Stanley Wells	"	"	16 " " ..	1271
Charles Frederick Bell	"	"	16 " " ..	1272
Edwin Boyd	"	"	16 " " ..	1273
Charles Archibald Thompson	"	"	16 " " ..	1274
Percival Theodore Bowden	Engineer ..	River-steamers ..	11 May, 1909 ..	2117
James David Smith	"	"	11 " " ..	2118
James Templar Mason	"	"	20 " " ..	2119
Edward Yates Bolton	"	"	20 " " ..	2120
Arthur Ernest Toyer	"	"	9 July, " ..	2121
Robert Rhind	"	"	9 Aug., " ..	2122
Harold Charles Binns	"	"	9 " " ..	2123
Charles Denize	"	"	8 Sept., " ..	2124
George Runels Fulyerd	"	"	5 Oct., " ..	2125
William Holman Joseph Claris	"	"	14 " " ..	2126
Charles Henry Harris	"	"	7 Dec., " ..	2127
Duncan Devenay	"	"	20 " " ..	2128
George Howard	"	"	20 " " ..	2129
James Donaldson	"	"	19 Feb., 1910 ..	2130
William Dale	"	"	19 " " ..	2131
Leslie William Wright	"	"	19 " " ..	2132
Robert McLeod	"	"	19 " " ..	2133
John Francis Passell	"	"	19 " " ..	2134
John Edward Tregerthen	"	"	3 March, " ..	2135
Henry Stuart	"	"	16 " " ..	2136
George Nicholls Millett	2nd-class oil engineer ..	Sea-going ..	11 May, 1909 ..	126
Arthur Reginald Howe Francis	1st-class oil engineer ..	"	20 " " ..	127
David Bruce Murdoch	"	"	20 " " ..	78
Oswald Gardiner Hewison	2nd-class oil engineer ..	"	4 June, " ..	129
James Thomas Lewis	"	"	4 " " ..	130
Aubrey Virtue	1st-class oil engineer ..	"	9 July, " ..	131
Frederick Newnham Christian	"	"	9 " " ..	132
Francis Leslie Crosbie	2nd-class oil engineer ..	"	9 Aug., " ..	133
Paul Cuthbert Graham	1st-class oil engineer ..	"	8 Sept., " ..	134
John Henry Allan	2nd-class oil engineer ..	"	15 " " ..	135
Hugh Wood Gordon Park	"	"	6 Oct., " ..	136
George Grey Andrews	1st class oil engineer ..	"	7 Dec., " ..	137
Charles Victor Thomson	2nd-class oil engineer ..	"	20 " " ..	138
Gerard Edwin Sampson	"	"	8 Feb., 1910 ..	139
Reginald Edward Jeffers Scott	"	"	8 " " ..	140
William Alexander Maul Henderson	"	"	8 " " ..	141
Thomas John Wesley Matthews	"	"	8 " " ..	142
Charles Edward Storer	1st-class oil engineer ..	"	7 March, " ..	143
Clarence Ernest Martin	"	"	7 " " ..	144
Otto Rudolph Neumann	Oil engineer ..	River trade ..	4 June, 1909 ..	139
Stanley Howard Empson	"	"	4 " " ..	140
Thomas George Walker	"	"	4 " " ..	141
Duncan Gillies	"	"	4 " " ..	142
Arthur Leonard Hill	"	"	12 " " ..	143
Joseph McCaffrey	"	"	12 " " ..	144
William George Krause	"	"	21 " " ..	145
John Thomas	"	"	21 " " ..	146
John Albert Patrick Glasson	"	"	21 " " ..	147
William John Higham	"	"	21 " " ..	148
James Hill	"	"	21 " " ..	149
Anthony Lennan	"	"	21 " " ..	150
Gustav Frank	"	"	21 " " ..	151
Otto Hjalmar Gustafsson	"	"	8 Sept., " ..	152
John Keller	"	"	5 Oct., " ..	153
William Scouler	"	"	5 " " ..	154
William John Kelly	"	"	18 " " ..	155
Josiah Gillender	"	"	7 Dec., " ..	156
Reginald Shillito Tonkinson	"	"	20 " " ..	157
Florence May McKegg	"	"	20 " " ..	158
William Allen Smith	"	"	8 Jan., 1910 ..	159
Arthur Maxwell Oliver	"	"	20 " " ..	160
David Collins Flynn Wilson	"	"	19 Feb., " ..	161
Eric Francis Akersten	"	"	19 " " ..	162
Leopold Weston	"	"	19 " " ..	163
Herbert Elven Hewlett	"	"	19 " " ..	164
Cecil Hunter	"	"	19 " " ..	165
George Chapman	"	"	3 March, " ..	166

RETURN showing the NUMBER of MASTERS', MATES', and ENGINEERS' CERTIFICATES issued in New Zealand during the Year ended the 31st March, 1910, 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	13	32	45	7	11	18	11	3	14	..	1	1	..	..	..	31	47	78
Home-trade masters and mates	16	16	32	6	4	10	6	2	8	3	2	5	..	..	..	31	24	55
River-steamer masters ..	13	3	16	3	..	3	1	..	1	4	1	5	9	1	10	30	5	35
Master, fishing-boat or cargo-vessel under 25 tons register	12	5	17	..	..	..	1	..	1	1	2	3	..	..	..	14	7	21
Master, fishing-boat under 5 tons register	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Sea-going engineers (steam) ..	39	11	50	51	4	55	17	11	28	29	5	34	25	3	28	161	34	195
River-steamer engineers ..	10	8	18	4	..	4	1	..	1	2	..	2	3	4	7	20	12	32
Sea-going engineers (mechanical power other than steam)	10	10	20	2	1	3	3	..	3	1	..	1	3	1	4	19	12	31
River engineers (mechanical power other than steam)	13	4	17	1	..	1	..	..	..	4	1	5	10	3	13	28	8	36
Totals ..	126	89	215	74	20	94	40	16	56	44	12	56	51	12	63	335	149	484

RETURN of CERTIFICATES of EXEMPTION from EXAMINATION as THIRD-CLASS ENGINEERS issued during the Year ended 31st March, 1910.

Date of Issue.	Name.	Date of Issue.	Name.
April 9, 1909	Frederick Pearson Burnett.	June 14, 1909	David Carew Guthrie.
May 31, "	George Paulin.	July 14, "	Walter Geoffrey Thomas.
June 4, "	Frederick Newham Christian.		

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, 1910.

No. of License.	Date of Issue.	Name of Licensee.	Port of Residence.	Date of Expiry of License.
38	11 Aug., 1909	Edward Wheeler ..	Wellington	12 Aug., 1910.
43	8 Oct., "	Felix Black ..	"	8 Oct., "
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 Heddelston 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 " 1909	Norman Macdonald ..	Bluff.
28 May, "	Charles Cornelius Plunket ..	Auckland.
23 Oct., "	Robert Crawford ..	Wellington.

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, 1908; of those added to and deducted from the Register during the Year 1909; and of those which remained upon the Register on the 31st December, 1909.

	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, 1908	315	46,874	44,366	325	181,525	107,323	640	228,399	151,689
Added to the Register,—									
Errors in Registrars' returns, 1908 ..	..	..	..	1	71	64	1	71	64
Vessels registered for the first time—									
Built at ports in United Kingdom ..	..	..	..	8	5,208	2,590	8	5,208	2,590
Built at ports in British possessions	1	15	12	16	1,167	614	17	1,182	626
Vessels transferred from ports in the United Kingdom ..	..	..	..	1	4,638	2,993	1	4,638	2,993
Vessels transferred from ports in British possessions abroad ..	1	107	96	3	439	149	4	546	245
Vessels registered <i>de novo</i> ..	1	124	100	1	55	27	2	179	127
Tonnage added in consequence of re-measurement or alteration ..	..	..	..	1	113	63	1	113	63
Total added	3	246	208	31	11,691	6,500	34	11,937	6,708
Deducted from the Register,—									
Errors in Registrars' returns, 1908 ..	1	52	44	..	..	..	1	52	44
Vessels wrecked or otherwise lost ..	7	782	719	10	3,510	2,148	17	4,292	2,867
Vessels broken up, decayed, &c. ..	31	892	845	14	846	580	45	1,738	1,425
Vessels converted into hulks, &c. ..	5	1,896	1,803	2	83	58	7	1,979	1,861
Vessels sold to foreigners ..	6	129	129	..	..	..	6	129	129
Vessels transferred to ports in British possessions abroad ..	5	891	798	3	481	222	8	1,372	1,020
Tonnage deducted in consequence of re-measurement or alteration ..	1	94	73	..	66	138	1	160	211
Total deducted	56	4,736	4,411	29	4,986	3,146	85	9,722	7,557
Vessels on Register on 31st December, 1909	262	42,384	40,163	327	188,230	110,677	589	230,614	150,840

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, 1909.

Ports.	Sailing Vessels.			Steam Vessels.		
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.
Auckland	158	14,505	13,269	136	17,456	9,469
Napier	6	365	352	23	2,455	1,520
Wellington	24	3,978	3,811	41	10,672	5,676
Nelson	8	195	191	12	2,106	1,033
Lyttelton	22	6,225	5,974	12	3,221	1,275
Timaru	2	1,649	1,577	1	942	488
Dunedin	37	14,460	14,027	92	150,259	90,662
Invercargill	5	1,007	962	10	1,119	554
Totals	262	42,384	40,163	327	188,230	110,677

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
Cape Brett	1st order dioptric	Group flashing	†	Red, to show over Columbia Reef.	Iron	Timber	21 Feb., 1910
Moko Hinou	1st	Fixed	10"	White	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., 1889
East Cape	2nd	Flashing	10"	"	"	"	9 Aug., 1900
Portland Island	2nd	Revolving	30"	"	Timber	"	10 Feb., 1878
	..	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, 1910.

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.	
A ..	..	12	..	Oil-engines ..	Screw ..	River ..	..	..	..	..	First survey.
Advance (A'kland) ..	12	8	..	Non-condensing ..	" ..	Extended river ..	..	..	..	..
Admiral ..	82	28	..	Compound ..	" ..	River ..	..	..	..	..
A.H.B. ..	5	15	..	Oil-engines ..	" ..	" ..	..	..	..	..	First survey.
Ahuriri ..	31	17	..	Compound ..	" ..	Extreme limits ..	2	..	..	..
Aida ..	2	..	6	" ..	" ..	River ..	..	..	..	..	First survey.
Akaroa ..	43	28	97	" ..	" ..	Home trade ..	2	1	..	..
Albany ..	8	8	..	Non-condensing ..	" ..	River ..	..	..	..	..
Albatross (A'kland) ..	111	37½	..	Compound ..	" ..	" ..	..	..	..	..
Albatross ..	43	25	..	Oil-engines ..	" ..	Extended river ..	..	..	..	..
Alexander ..	185	72	328	Compound ..	Twin-screw ..	Home trade ..	4	3	..	..
Alice ..	..	3½	..	High-pressure ..	Screw ..	River ..	..	..	..	..
Anna ..	21	10	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..
Antelope ..	14	2½	..	" ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Antrim ..	35	30	..	Condensing ..	" ..	River ..	..	..	..	..
Aotea ..	157	33	..	Compound ..	" ..	" ..	..	..	..	..
Aorere ..	49	16½	68	" ..	" ..	Home trade ..	2	1	..	..
Apanui ..	135	28	207	Triple-expansion ..	" ..	" ..	4	2	..	..
*Aparima ..	3,684	284	2,753	" ..	Twin-screw ..	Foreign trade ..	13	9	3	3	
Arahura ..	771	147	1,652	" ..	" ..	Home trade ..	7	6	3	3	
Arapawa ..	128	47	231	" ..	Screw ..	" ..	4	2	..	..	First survey.
Ariel ..	13	2½	..	Oil-engines ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Atua ..	1,895	329	2,820	Triple-expansion ..	Twin-screw ..	Foreign trade ..	9	9	3	3	
Aupouri ..	220	55	408	" ..	Screw ..	Home trade ..	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 ..	" ..	" ..	..	..	..	..
Blanche ..	18	9	..	Non-condensing ..	" ..	Extended river ..	..	..	..	..
Blenheim ..	85	50	206	Compound ..	" ..	Home trade ..	2	2	..	..
Bravo ..	13	5	..	Oil-engines ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Breeze ..	286	59	468	Triple-expansion ..	" ..	" ..	4	3	..	..	First N.Z. survey.
Britannia (A'kland) ..	108	40	..	Non-condensing ..	Paddle ..	River ..	..	..	..	..
Britannia (Bluff) ..	18	2½	..	Oil-engines ..	Screw ..	Home trade ..	1	..	..	..	Fishing-vessel.
Canopus ..	835	250	1,091	Triple-expansion ..	" ..	" ..	7	3	2	3	
Canterbury ..	..	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 ..	Home trade ..	1	..	..	..
Catherine ..	9	30	..	" ..	" ..	Extreme limits ..	..	..	..	..	Yacht.
Chelmsford ..	79	24	61	Compound ..	" ..	Home trade ..	2	1	..	..
Clansman ..	379	90	566	" ..	" ..	" ..	5	3	..	..
Clematis ..	13	36	..	Oil-engines ..	" ..	Extended limits ..	..	..	..	..	Fishing-vessel.
Clyde ..	..	40	..	Compound ..	Paddle ..	River ..	..	..	..	..
Cobar ..	57	40	..	" ..	Screw ..	" ..	..	..	..	..
Colleen ..	15	2½	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..	Fishing-vessel.
Condor ..	188	24	..	Compound ..	" ..	Extended river ..	..	..	..	..
Corinna ..	812	141	1,066	" ..	" ..	Home trade ..	6	3	2	3	
Coromandel ..	67	25	..	" ..	" ..	River ..	..	..	..	..
*Countess ..	57	..	188	" ..	" ..	Home trade ..	2	2	..	..
Cygnat ..	66	43	178	" ..	" ..	" ..	2	2	..	..
Daphne ..	113	55	..	" ..	" ..	Extended limits ..	..	..	..	..
Defender ..	117	36	101	" ..	" ..	Home trade ..	4	2	..	..
Despatch ..	24	20	..	" ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Doto ..	19	13	..	" ..	" ..	Extended river ..	..	..	..	..
Duchess ..	95	81	..	Triple-expansion ..	" ..	River ..	..	..	..	..
Duco ..	25	60	334	" ..	" ..	Foreign trade ..	1	3	..	..	Foundered.
Eagle ..	138	70	..	Compound ..	Paddle ..	River ..	..	..	..	..
Echo ..	98	60	..	Oil-engines ..	Twin-screw ..	Home trade ..	2	..	..	..
Elsie (Auckland) ..	21	30	..	" ..	" ..	River ..	..	..	..	..
Elsie (Picton) ..	22	11	..	Compound ..	Screw ..	" ..	..	..	..	..
Elsie Evans ..	6	20	..	Oil-engines ..	" ..	Extended river ..	..	..	..	..
Endeavour ..	54	30	..	" ..	" ..	" ..	..	..	..	..
Endon ..	12	5	..	Compound ..	" ..	" ..	..	..	..	..	Fishing-vessel.
Energy ..	17	15	..	" ..	" ..	River ..	..	..	..	..
Enterprise ..	9	10	..	Oil-engines ..	" ..	" ..	..	..	..	..
Erlin ..	5	1½	..	Compound ..	" ..	" ..	..	..	..	..
Erskine ..	98	35	..	" ..	" ..	" ..	..	..	..	..
Eva ..	7	20	..	Oil-engines ..	" ..	" ..	..	..	..	..
Excelsior (Mercer) ..	5	..	..	Non-condensing ..	" ..	" ..	..	..	..	..
Express ..	36	25	111	Compound ..	" ..	Home trade ..	2	2	..	..
*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; first survey.

* 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.	Firemen.	Trimmers.	Greasers.	
Fanny ..	55	30	115	Compound ..	Screw ..	Home trade ..	2	2	..	..
Ferro ..	10	20	..	Oil-engines ..	" ..	Extended river	..	..	..	..
Firefloat ..	..	13	50	Non-condensing ..	" ..	River	..	..	..	..
Flora ..	838	180	1,195	Compound ..	" ..	Home trade ..	7	3	2	3	
Freetrader ..	94	50	..	Non-condensing ..	" ..	River	..	..	..	..
Gael ..	55	20	..	Compound ..	" ..	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 ; first survey
Glenelg ..	156	75	248	Compound ..	" ..	" ..	4	2	..	..
Gosford ..	54	30	130	" ..	" ..	" ..	2	2	..	..
Goshawk ..	122	28	..	" ..	" ..	River	..	..	..	..	First survey.
Gordon ..	9	12	..	" ..	" ..	" ..	..	..	..	..
Greyhound ..	83	50	..	Oil-engines ..	" ..	Home trade ..	2	..	..	..
Hamurana ..	..	10	30	Non-condensing ..	Twin-screw	River	..	..	..	..
Hauroto ..	1,276	253	1,381	Compound ..	Screw ..	Foreign trade	8	3	2	3	
*Heathcote ..	94	35	..	" ..	" ..	Extended river	..	..	..	..
Himitangi ..	149	45	236	Triple-expansion ..	" ..	Home trade ..	4	2	..	..
Hipi ..	13	11	..	" ..	" ..	Extended river	..	..	..	..	First survey.
Hirere ..	18	16	..	Compound ..	Twin-screw	" ..	..	..	..	..
Hobsonville ..	23	15	..	Oil-engines ..	Screw ..	" ..	..	..	..	..
Holmdale ..	197	18½	112	Compound ..	" ..	Home trade ..	4	2	..	..	Formerly "Torgauten."
Huia (Auckland) ..	199	60	..	Oil-engines ..	" ..	" ..	4	..	..	..
Huia (Wellington) ..	69	23	121	Compound ..	" ..	" ..	2	2	..	..
Huia (Wellington) ..	..	2	..	Condensing ..	" ..	River	..	..	..	..
Invercargill ..	123	50	197	Compound ..	" ..	Home trade ..	4	2	..	..
Ithaca ..	7	9	..	" ..	" ..	Extended river	..	..	..	..
Ivy ..	8	10	..	" ..	" ..	River	..	..	..	..	First survey.
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	..	..	..	..
Kao ..	147	60	..	Oil-engines ..	Screw ..	Home trade ..	4	..	..	..
Kahu (Napier) ..	99	40	239	Compound ..	" ..	" ..	2	2	..	..
Kahu (Auckland) ..	27	24	..	Oil-engines ..	" ..	" ..	1	..	..	..
Kaiaia ..	24	24	..	" ..	" ..	" ..	1	..	..	..	First survey.
Kaipara ..	..	5	..	Quadruple expansion ..	" ..	River	..	..	..	..
Kaipatiki ..	20	9½	..	Triple-expansion ..	" ..	Extended river	..	..	..	..
Kairaki ..	182	92	583	" ..	" ..	Home trade ..	4	3	..	..	First N.Z. survey
Kaitangata ..	1,233	200	908	" ..	" ..	Foreign trade	7	3	2	3	
Kaituna (Auckland) ..	6	10	..	Oil-engines ..	" ..	River	..	..	..	..
Kaituna (Dunedin) ..	1,246	200	1,134	Triple-expansion ..	" ..	Foreign trade	7	3	2	3	
Kamona ..	903	117	749	" ..	" ..	" ..	6	3	..	..
Kanleri ..	115	20	135	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	166	Compound ..	" ..	Home trade ..	2	2	..	..	First survey.
Karoro ..	52	17	..	" ..	" ..	Extended river	..	..	..	..
Kate ..	..	5	..	Non-condensing ..	" ..	River	..	..	..	..
Kawau (Auckland) ..	53	20	..	Compound ..	" ..	Extended river	..	..	..	..
Kawau (Kaipara) ..	37	15	..	" ..	" ..	" ..	..	..	..	..
Kekeno ..	19	6	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..
Kennedy ..	131	39	205	Compound ..	Twin-screw	" ..	4	2	..	..
Kestrel ..	203	43	..	" ..	Screw ..	Extended river	..	..	..	..
Kai Ora (Timaru) ..	9	..	24	Tandem ..	" ..	" ..	..	..	..	..	First survey.
Kini ..	702	130	697	Triple-expansion ..	" ..	Home trade ..	6	3	..	..
Kiripaka ..	75	24	96	Compound ..	" ..	" ..	2	2	..	..
Kiritona ..	75	150	..	Oil-engines ..	" ..	" ..	2	..	..	..	First N.Z. survey.
Kittawa ..	708	120	724	Compound ..	" ..	" ..	6	3	..	..
*Kiwi ..	..	3	..	Condensing ..	" ..	River	..	..	..	..
Koi ..	53	32	..	Compound ..	Twin-screw	Extreme limits	2	..	..	..
Komata ..	1,194	260	1,193	Triple-expansion ..	Screw ..	Foreign trade	7	3	2	3	
Koonya ..	663	115	742	" ..	" ..	Home trade ..	6	3	..	..
Kopu ..	18	13	..	Non-condensing ..	Paddle ..	Extended river	..	..	..	..
Koroi ..	..	9½	..	Triple-expansion ..	Screw ..	" ..	..	..	..	..
Koromiko ..	1,541	313	1,448	" ..	" ..	Foreign trade	8	6	3	3	
*Kotare ..	79	20	106	Compound ..	" ..	Home trade ..	2	..	..	..
Kotuku ..	662	112	707	Triple-expansion ..	" ..	" ..	6	3	..	..
Kotiti ..	42	14	..	Compound ..	" ..	Extended river	..	..	..	..
Kuaka ..	33	90	..	Oil-engines ..	" ..	" ..	..	..	..	..

* 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.	Firemen.	Trimmers.	Greasers.	
Kurow ..	1,564	333	1,124	Triple-expansion	Screw ..	Foreign trade	8	3	2	3	
Lady Barkly ..	39	20	87	Compound ..	" ..	Home trade ..	2	1	..	..
Lauderdale ..	1,071	155	745	Triple-expansion	" ..	Foreign trade	7	3	..	..	Formerly Taieri.
Lena ..	..	..	5	Non-condensing	" ..	Extended river	..	..	..	..
*Little Jack ..	..	1½	..	" ..	" ..	River	..	..	..	..	Yacht.
*Lomen ..	..	6	..	Compound ..	" ..	" ..	..	..	..	..
Loyalty ..	68	35	99	" ..	" ..	Home trade ..	2	1	..	..	Fishing-vessel.
Lytelton ..	39	80	225	" ..	" ..	" ..	2	2	..	..
Maheno (Dunedin)	3,277	600	6,188	Turbines ..	Screws ..	Foreign ..	13	18	9	3	
Maheno ..	24	60	..	Oil-engines ..	Twin-screw	River	..	..	..	..
Mahurangi ..	95	39	..	Compound ..	Screw ..	Extended river	..	..	..	..
Mahuta ..	13	13	..	" ..	" ..	River	..	..	..	..
Maitai ..	1,888	490	3,400	Triple-expansion	" ..	Foreign trade	9	9	6	3	
Makarora ..	45	13	..	Non-condensing	" ..	River	..	..	..	..
*Mana (Wellington)	77	25	137	Compound ..	" ..	Home trade ..	2	2	..	..
Mana (Westport)	51	90	..	" ..	Paddle ..	Extended river	..	..	..	..
Manapouri ..	1,288	300	1,676	" ..	Screw ..	Foreign trade	8	6	3	3	
Manaroa ..	78	24	144	" ..	" ..	Home trade ..	2	2	..	..
Manchester ..	366	160	1,400	Triple-expansion	" ..	Extended river	..	..	..	..
Mangaiti ..	..	6	..	Non-condensing	" ..	River	..	..	..	..
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 ..	..	3½	..	Quadruple-expansion	" ..	River	..	..	..	..
Manuwai ..	94	30	..	Non-condensing	" ..	" ..	..	..	..	..
Maori (Dunedin) ..	1,433	..	5,859	Turbines ..	Screws ..	Home trade ..	8	15	9	3	
Mapourika ..	718	130	1,131	Triple-expansion	Twin-screw	" ..	7	3	2	3	
Mararoa ..	1,381	530	3,695	" ..	Screw ..	Foreign trade	8	9	6	3	
Mascotte (Auckl'd)	..	5	..	Non-condensing	" ..	River	..	..	..	..
Mascotte (Wang'ui)	..	3	..	" ..	" ..	" ..	..	..	..	..
*Matarere ..	..	2	..	Compound ..	" ..	" ..	..	..	..	..
Matuku ..	..	4	..	Non-condensing	" ..	" ..	..	..	..	..
*Mavis ..	..	4½	..	" ..	" ..	" ..	..	..	..	..
Mawhera ..	292	168	1,012	Triple-expansion	" ..	Home trade ..	4	3	2	3	
May Howard ..	55	45	..	Oil-engines ..	" ..	Foreign trade	2	..	..	..
Mere Mere ..	..	3	..	Non-condensing	" ..	River	..	..	..	..
Merlin ..	..	16	..	Oil-engines ..	" ..	" ..	..	..	..	..	Formerly Alert.
Mihi Moana ..	18	5	..	" ..	" ..	Home trade ..	1	..	..	..	First survey.
Moa ..	95	33	186	Compound ..	" ..	" ..	2	2	..	..
Moana ..	6	7	..	Non-condensing	" ..	River	..	..	..	..
Moerangi ..	16	27½	..	Oil-engines ..	" ..	" ..	..	..	..	..
Monica II ..	29	20	..	" ..	" ..	Extreme limits	1	..	..	..	First survey.
Monowai ..	2,137	290	2,873	Triple-expansion	" ..	Foreign trade	10	9	3	3	
Moturoa ..	10	10	..	Compound ..	" ..	River	..	..	..	..
Mountaineer ..	66	50	..	" ..	Paddle ..	" ..	..	..	..	..
Moura ..	1,247	275	1,889	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	553	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	Dredge.
Mystery ..	7	6	..	Oil-engines ..	Screw ..	" ..	1	..	..	..	Fishing-vessel.
Napier ..	48	30	96	Compound ..	" ..	" ..	2	1	..	..
Natone ..	50	24	..	" ..	" ..	River	..	..	..	..
Naumai ..	29	12	..	" ..	" ..	" ..	..	..	..	..
Nautilus ..	29	18	..	" ..	" ..	Extended river	..	..	..	..
Navua ..	1,813	220	2,094	Triple-expansion	Twin-screw	Foreign trade	9	9	3	3	
Never Despair ..	..	1½	..	Non-condensing	Screw ..	River	..	..	..	..
Ngahere ..	556	118	720	Triple-expansion	" ..	Home trade ..	6	3	..	..
Ngapuhi ..	299	160	697	" ..	Twin-screw	" ..	5	3	..	..
Ngatiawa ..	220	55	400	Compound ..	" ..	" ..	5	3	..	..
Nile ..	21	20	32	" ..	Paddle ..	" ..	1	..	..	..
Nina ..	7	2	..	" ..	Screw ..	River	..	..	..	..
Niobe ..	..	3	..	Non-condensing	" ..	" ..	..	..	..	..
No. 121 ..	394	100	..	Compound ..	Twin-screw	" ..	..	..	..	..	Dredge.
No. 222 ..	502	120	572	" ..	" ..	Home-trade ..	5	3	..	..
*No. 350 ..	488	93	683	Triple-expansion	" ..	" ..	5	3	..	..
No. 404 ..	211	78	359	Compound ..	" ..	River	..	..	..	..
Nora Niven ..	57	35	204	Triple-expansion	Screw ..	Home trade ..	2	3	..	..	Fishing-vessel.
Norval ..	50	20	..	Oil-engines ..	" ..	Extended river	..	..	..	..
Novelty ..	99	11	60	Compound ..	" ..	Home trade ..	2	1	..	..	First survey.
Ohinemuri ..	73	26	120	Triple-expansion	" ..	" ..	2	2	..	..
Ohura ..	34	25	..	Condensing ..	Twin-screw	River	..	..	..	..
Ongarue ..	10	40	..	Oil-engines ..	Screw ..	" ..	..	..	..	..
Opawa ..	64	18	68	Compound ..	" ..	Home trade ..	2	1	
*Opoutia	5	..	Non-condensing	" ..	River	
Orewa ..	37	17	..	Compound ..	" ..	Extended river	

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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.	Crews.	
Osprey ..	138	70	..	Compound ..	Paddle ..	River ..	..	..	..	..
Otunui ..	12	35	..	Oil-engines ..	Screw ..	..	..	..	..	..
Paeroa ..	46	15	71	Compound ..	" ..	Home trade ..	2	1	..	..
Pania ..	35	11	..	" ..	" ..	Extended river ..	..	..	..	..
Pateaena ..	550	250	1,944	" ..	" ..	Home-trade ..	6	6	3	3	
* Pearl ..	9	6	..	Non-condensing ..	" ..	River ..	..	..	..	..
Pelican ..	1	57	292	Triple-expansion ..	Twin-screw ..	Home trade ..	1	3	..	..
Pelorus ..	18	12	..	Oil-engines ..	Screw ..	River ..	..	..	..	..
Petone ..	388	82	540	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 ..	..	..	..	..
Plucky ..	29	40	271	" ..	" ..	Home trade ..	1	2	..	..	Tug.
Poherua ..	749	128	710	Triple-expansion ..	" ..	" ..	6	3	..	..
Portare ..	8	15	..	Oil-engines ..	" ..	Extended river ..	..	..	..	..
Presto ..	..	3	..	Compound ..	" ..	River ..	..	..	..	..
* Psyche ..	8	20	..	Oil-engines ..	" ..	Extended river ..	..	..	..	..	Fishing.
Pukaki ..	917	110	687	Quadruple-expansion ..	" ..	Home trade ..	6	3	..	..
Pupuke ..	68	28	..	Compound ..	" ..	River ..	..	..	..	..	First survey.
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	..	..	..	Yacht.
Queen of the South ..	121	40	196	Compound ..	" ..	Home trade ..	4	2	..	..
Rahutai ..	12	4	..	" ..	" ..	Extended river ..	..	..	..	..	Yacht; first survey.
Rakanoa ..	1,393	200	918	Triple-expansion ..	" ..	Foreign trade ..	7	3	2	3	
Rakiura (Bluff) ..	13	10	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..	Fishing-vessel.
Rarawa ..	460	140	979	Triple-expansion ..	" ..	" ..	6	3	2	3	
Regulus ..	227	150	668	Compound ..	Twin-screw ..	" ..	4	3	..	..
Reliance ..	..	24	..	Non-condensing ..	Stern-wheel ..	River ..	..	..	..	..
Result ..	18	10	..	Compound ..	Screw ..	Extended river ..	..	..	..	..
Rimu ..	144	95	450	Triple-expansion ..	" ..	Foreign trade ..	4	3	..	..
Ripple ..	187	60	214	" ..	" ..	" ..	4	2	..	..
Ripple ..	..	5	..	Oil-engines ..	" ..	River ..	..	..	..	..	First survey.
Rita ..	17	11	..	Compound ..	" ..	Home trade ..	1	..	..	..	Fishing-vessel.
Riwaka ..	19	10½	..	" ..	" ..	River ..	..	..	..	..
Rosamond ..	462	90	451	" ..	" ..	Home trade ..	5	3	..	..
Rosetta ..	10	5	..	Oil-engines ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Rothsay ..	8	4½	..	Compound ..	" ..	" ..	1	..	..	..
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 ..	..	..	..	..
Rotorua ..	6	..	..	Oil-engines ..	" ..	River ..	..	..	..	..
* Rubi Seddon ..	349	80	..	Triple-expansion ..	Twin-screw ..	Extended river ..	..	..	..	..	Dredge.
Ruru (Auckland) ..	11	10	..	Compound ..	Screw ..	" ..	..	..	..	..
Ruru (Napier) ..	58	50	228	" ..	" ..	Home trade ..	2	2	..	..
Ruruhau ..	16	2½	..	Oil-engines ..	" ..	" ..	1	..	..	..
Sally ..	14	30	..	" ..	" ..	Extreme limits ..	1	..	..	..	Yacht.
Savaii ..	31	16	..	Condensing ..	" ..	Extended limits ..	..	..	..	..	Fishing-vessel.
Scout ..	11	11	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..
Settler ..	8	7	..	Compound ..	" ..	River ..	..	..	..	..
Sir Wm. Wallace ..	30	20	..	Compound ..	" ..	Extended river ..	..	..	..	..
Sonoma ..	..	13	..	Non-condensing ..	" ..	River ..	..	..	..	..
Southern Cross ..	403	117	560	Triple-expansion ..	" ..	Foreign trade ..	6	3	..	..
Sparrow ..	..	1½	..	Compound ..	" ..	River ..	..	..	..	..	First survey.
Speedwell ..	31	10	..	Triple-expansion ..	Stern-wheel ..	" ..	..	..	..	..
Squall ..	133	60	257	Compound ..	Screw ..	Home trade ..	4	3	..	..
Stella ..	157	90	266	" ..	" ..	" ..	4	3	..	..
Sterling ..	26	39	174	" ..	" ..	" ..	1	2	..	..
Storm ..	186	70	280	" ..	" ..	" ..	4	3	..	..
Stormbird ..	129	40	205	" ..	" ..	" ..	4	2	..	..
Sumner ..	94	35	..	" ..	" ..	Extended river ..	..	..	..	..
Sunbeam ..	8	5	..	Oil-engines ..	" ..	Home trade ..	1	..	..	..	Fishing-vessel.
Swan (Wellington) ..	17	10	..	Compound ..	" ..	River ..	..	..	..	..
Swan (Kaipara) ..	4	..	..	" ..	" ..	" ..	..	..	..	..
Sylph ..	5	8	..	Non-condensing ..	" ..	" ..	..	..	..	..
Tainui ..	60	24	149	Compound ..	" ..	Home trade ..	2	2	..	..
Takapuna (Auckland) ..	58	20	..	Non-condensing ..	Paddle ..	River ..	..	..	..	..
Takapuna (Dunedin) ..	472	165	1,380	Compound ..	Screw ..	Home trade ..	6	6	3	3	
Tamure ..	10	10	..	Oil-engines ..	" ..	River ..	..	..	..	..	Yacht; first survey.
Talune ..	1,370	255	1,862	Triple-expansion ..	" ..	Foreign trade ..	8	6	3	3	
Tangaroa ..	110	70	..	Compound ..	" ..	Extended 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.	Firemen.	Trimmers.	Greasers.	
*Tangihua ..	20	15	..	Compound ..	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 ..	" ..	Home trade	8	6	3	3	
Tarewai ..	11	6	..	Non-condensing	" ..	River	..	..	..	..
Tasman ..	87	45	210	Compound ..	Twin-screw	Home trade	2	2	..	..
Tawera (Waikato) ..	..	8	..	Non-condensing	Screw ..	River	..	..	..	..
Tawera (Auckland) ..	44	40	..	Oil-engines ..	" ..	Extended river	..	..	..	..
Tawera (Inver'gill) ..	..	14	56	Compound ..	" ..	River	..	..	..	..
Te Aroha ..	57	85	..	Oil-engines ..	" ..	Home trade	2	..	..	..	First survey.
Te Awhina ..	2	..	808	Triple-expansion	" ..	" ..	1	3	2	3	First N.Z. survey.
Te Waipounamu ..	20	2½	..	Oil-engines ..	" ..	" ..	1	..	..	..	Fishing-vessel.
Te Whaka ..	..	12	..	" ..	" ..	River	..	..	..	..	First survey.
Terawhiti ..	47	..	542	Triple-expansion	" ..	Home trade	2	3	..	..
Theresa Ward ..	9	95	448	" ..	" ..	" ..	1	3	..	..
Thomas King ..	70	16	..	Non-condensing	" ..	Extended river	..	..	..	..
Tofua ..	2,634	355	3,030	Triple-expansion	Twin-screw	Foreign	11	9	6	3	First N.Z. survey
Togo ..	..	14	..	Compound ..	" ..	River	..	..	..	..
Tongariro ..	4	..	..	" ..	" ..	" ..	..	..	..	..
Traveller ..	..	8	..	" ..	Screw ..	" ..	..	..	..	..
Tuakau ..	..	2	..	Non-condensing	" ..	" ..	..	..	..	..
Tuataea ..	58	28	230	Compound ..	" ..	Home trade	2	2	..	..
Tu Atu ..	30	48	..	Oil-engines ..	Twin-screw	Extended river	..	..	..	..
Tui (Auckland) ..	..	6½	35	Non-condensing	Screw ..	" ..	..	..	..	..
Tui (Kaipara) ..	26	40	..	Oil-engines ..	" ..	River	..	..	..	..
Tuirangi ..	72	22	..	Triple-expansion	" ..	" ..	..	..	..	..
Tuna (Gisborne) ..	..	14	..	Compound ..	Twin-screw	Extended river	..	..	..	..
*Tuna (Kaipara) ..	..	3½	..	Non-condensing	Screw ..	River	..	..	..	..
Uira ..	..	3½	..	" ..	" ..	" ..	..	..	..	..
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	..	..	..	..
Violet ..	8	6	..	" ..	" ..	" ..	..	..	..	..
Vivid ..	6	13	..	Non-condensing	" ..	River	..	..	..	..
Waiapu ..	57	15	..	Oil-engines ..	" ..	Home trade	2	..	..	..
Waihora ..	2,993	410	1,953	Triple-expansion	" ..	Foreign trade	10	6	3	3	
Waikana ..	66	..	200	Compound ..	Twin-screw	River	..	..	..	..	First survey.
Waikare ..	1,901	229	2,442	Triple-expansion	Screw ..	Foreign trade	9	9	3	3	Wrecked.
Waikato ..	56	14	..	Non-condensing	" ..	River	..	..	..	..
Waimarie (Auckland) ..	159	48	..	Compound ..	" ..	Extended river	..	..	..	..
Waimarie (Wanganui) ..	53	20	..	Non-condensing	Paddle ..	River	..	..	..	..
Waimea ..	207	100	601	Compound ..	Screw ..	Home trade	4	3	..	..
Waiome ..	48	80	..	" ..	" ..	River	..	..	..	..
Waiora ..	..	66	..	" ..	" ..	" ..	..	..	..	..
Waiotahi ..	168	56	366	" ..	Twin-screw	Home trade	4	3	..	..
Waipori ..	1,229	180	1,029	Triple-expansion	Screw ..	Foreign trade	7	3	2	3	
Wairau ..	60	20	129	Compound ..	" ..	Home trade	2	2	..	..
Wairere ..	41	25	..	Non-condensing	Paddle ..	River	..	..	..	..
Wairoa (Nelson) ..	48	20	52	Compound ..	Screw ..	Home trade	2	1	..	..
Wairoa (Kaipara) ..	49	40	125	Condensing ..	" ..	" ..	2	2	..	..
Wairua ..	..	5	66	Compound ..	" ..	River	..	..	..	..
Wairuna ..	2,530	369	2,070	Triple-expansion	" ..	Foreign trade	10	9	3	3	
Waitangi (Auckland) ..	34	62	349	Compound ..	Twin-screw	Home trade	2	3	..	..
Waitangi (Dunedin) ..	31	45	50	" ..	Screw ..	" ..	2	1	..	..
Waitemata ..	3,460	258	2,304	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	..	..	..	..
Wakapai ..	..	10	100	" ..	" ..	River	..	..	..	..
Wakatere ..	157	140	..	" ..	Paddle ..	Extended river	..	..	..	..
Wakatu ..	95	23	149	" ..	Screw ..	Home trade	2	2	..	..
Wanaka ..	1,572	280	1,007	Triple-expansion	" ..	Foreign trade	9	3	2	3	
Water-lily ..	18	10	..	Oil-engines ..	" ..	Home trade	1	..	..	..
Wave ..	29	11	..	" ..	" ..	" ..	1	..	..	..
Waverley ..	93	25	104	Compound ..	Twin-screw	" ..	2	2	..	..
Weka (Auckland) ..	86	27	..	" ..	" ..	River	..	..	..	..
Weka (Napier) ..	53	20	106	" ..	Screw ..	Home trade	2	2	..	..
Westland ..	8	64	402	Condensing ..	Paddle ..	Extended river	..	..	..	..	Tug.
Whakapara ..	..	2½	..	Compound ..	" ..	" ..	..	..	..	..
Whakarire ..	449	120	630	" ..	Twin-screw	Home trade	5	3	..	..	Dredge.
Whati ..	..	1½	..	Non-condensing	Screw ..	River	..	..	..	..
Wootton ..	90	33	111	Compound ..	" ..	Home trade	2	2	..	..
Young Bungaree ..	47	35	170	" ..	" ..	" ..	2	2	..	..
Zingara ..	99	14	80	" ..	Twin-screw	" ..	2	1	..	..

* Surveyed twice.

RETURN of FOREIGN-GOING SAILING-SHIPS to which SURVEY CERTIFICATES were granted during the Year ended 31st March, 1910.

Name of Vessel.	Tons Register.	Class of Certificate.	Minimum Number of Seamen required by Law to be carried.			Remarks.
			Able Seamen.	Ordinary Seamen.	Boys.	
Banksfield	835	Foreign-going ..	9	2	2	
Dartford	1,274	" ..	10	2	3	
Ganymede	569	" ..	7	1	2	
Ilma	318	" ..	6	1	1	
James Craig	646	" ..	8	1	2	
Jessie Craig	634	" ..	8	1	2	
Joseph Craig	694	" ..	8	1	2	
Jessie Niccol	93	" ..	2	1	..	
Kereru	96	" ..	2	1	..	
Rona	618	" ..	8	1	2	
St. Kilda	189	" ..	4	..	1	
Weathersfield	1,047	" ..	10	2	3	
Zingara	99	" ..	2	1	..	Formerly s.s.

RETURN showing Number of FISHING-BOATS REGISTERED and LICENSED at each Port during the Year ended 31st December, 1909.

Port.	Number registered.	Number licensed.	Port.	Number registered.	Number licensed.
Auckland	226	218	Brought forward	889	855
Blenheim	9	9	New Plymouth	38	23
Bluff	85	85	Oamaru	48	32
Dunedin and Port Chalmers	106	106	Picton	38	38
Greymouth	2	2	Poverty Bay	24	17
Hokitika	4	4	Russell	48	48
Hokianga	35	14	Tauranga	80	21
Invercargill	30	30	Thames	45	45
Kaipara	25	25	Timaru	26	26
Lyttelton	207	207	Wanganui	3	3
Mangonui	14	14	Wellington	81	81
Napier	78	78	Westport	27	27
Nelson	68	63			
Carried forward	889	855	Totals	1,347	1,216

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

Name of Persons.	Offence.	Fine imposed.
Peterson, H.	Illegally taking oysters	£1 and costs.
Hewlett, H. E.	Selling fish taken with unlicensed boat	10s. and costs.
Eder, G.	Possessing undersized flounders	Case dismissed.
McAllister, W.	Taking undersized flounders	"
Young, W.	Using illegal whitebait-net	"
Taylor, E.	Illegally taking oysters	£1 and costs.
Gould, H.	Possessing undersized flounders	"
Boyce, E. M.	Illegal whitebait-fishing	Net forfeited.
Baird, R.	Taking undersized flounders	£2 and costs.
Simon, A.	"	"
Halcrow, M.	"	"
Gillies, N.	Breach of whitebait regulations	£1 and costs.
Phillips, W.	"	Case dismissed.
McAllister, L.	Not having name and number on boat	"
McAllister, L. and G.	Using set net for whitebait	"
Johnston, R.	Possessing undersized flounders	£1 and costs.
Nicolson, A.	Using unlicensed fishing-boat	10s. and costs.
Hamilton, A., and 13 others	Emptying nets on dry land	5s. and costs each.
McDonald, J.	Taking mullet in close season	£2 and costs, and boat and net forfeited.
Mitchell, J.	"	10s. and costs.
Angelo, J.	Possessing mullet in close season	"
Gordon, G.	Emptying net on dry land	5s. 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, 1910.

Name of Seaman.	Balance to Credit of the Estate on 31st March, 1909.	Amount received.	Amount paid.	Balance to Credit of the Estate on 31st March, 1910.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Mealand, Thomas W. .. .. .	..	0 13 4	0 13 4	..
Lindbloom, Gustav W. .. .. .	..	2 10 10	..	2 10 10
Forman, John .. .. .	..	3 4 5	..	3 4 5
Rae, James A. .. .. .	..	1 6 8	1 6 8	..
Payne, Henry	68 14 9	1 13 2	..	70 7 11
Brown, James	9 8 10	1 3 3	..	10 12 1
Jim (Native boy) .. .. .	..	3 1 4	3 1 4	..
Matsen, Lindvist M. .. .. .	..	4 10 8	..	4 10 8
Rowley, James Edward .. .. .	..	25 5 9	25 5 9	..
Clark, Frederick .. .. .	..	0 10 0	..	0 10 0
Lewis, Robert .. .. .	..	0 16 0	..	0 16 0
McCallum, Archibald .. .. .	..	2 15 4	2 15 4	..
Kiernan, Edward .. .. .	..	0 18 9	0 18 9	..
Lewis, J. .. .. .	..	1 12 11	1 12 11	..
Walsh, C. .. .. .	..	0 1 6	0 1 6	..
Sparnon, Sydney	1 16 6	..	1 16 6	..
McCoffett (or McCafferty), John	26 2 8	..	26 2 8	..
Tronson, Alfred	4 17 4	1 11 3	6 8 7	..
Miller, J.	10 3 7	..	10 3 7	..
Brierly, C.	11 2 2	..	11 2 2	..
Blanche, J.	11 12 0	..	11 12 0	..
Rawett, E.	7 14 8	..	7 14 8	..
Young, A.	6 6 8	..	6 6 8	..
Harrison, F.	6 9 0	..	6 9 0	..
Reid, Ernest	21 13 8	..	21 13 8	..
Hayes, T.	4 0 6	..	4 0 6	..
Smith, Philip .. .. .	..	11 10 2	11 10 2	..
Urquhart, R.	9 4 0	..	9 4 0	..
Rafferty, John	3 17 6	..	3 17 6	..
Young, Thomas Henry	2 2 2	..	2 2 2	..
Fairbairn, C.	3 15 6	..	3 15 6	..
Connie, A.	2 5 6	..	2 5 6	..
Claydon, J.	2 7 6	0 13 6	3 1 0	..
Crook, E.	2 7 6	..	2 7 6	..
Hope, Mrs. A.	1 15 6	..	1 15 6	..
Hall, E.	2 10 2	..	2 10 2	..
Willum, J.	1 10 2	..	1 10 2	..
Cook, F. R.	1 10 2	..	1 10 2	..
Hughes, Alfred	15 6 2	..	15 6 2	..
McIntosh, Charles .. .. .	..	2 9 10	2 9 10	..
Menard, A. L. .. .. .	..	1 8 0	..	1 8 0
Waters, J. H. .. .. .	..	1 4 7	..	1 4 7
Annis, S. .. .. .	..	0 10 8	..	0 10 8
Mutton, J. W. .. .. .	..	0 10 8	..	0 10 8
Waddilove, W. .. .. .	..	0 16 0	..	0 16 0
Williams, C. .. .. .	..	0 12 0	..	0 12 0
White, William .. .. .	..	3 6 11	..	3 6 11
Murdoch, W. .. .. .	..	0 9 4	..	0 9 4
Mackay, William .. .. .	..	0 9 4	..	0 9 4
Holmegard, P. .. .. .	..	0 9 4	..	0 9 4
Hansen, C. .. .. .	..	0 9 4	..	0 9 4
Sellstrom, C. .. .. .	..	0 9 4	..	0 9 4
Dahlborg, J. .. .. .	..	0 13 4	..	0 13 4
Cameron, A. .. .. .	..	0 9 4	..	0 9 4
Porter, J. .. .. .	..	0 13 4	..	0 13 4
Johanson, V. W. G. .. .. .	..	17 13 7	..	17 13 7
Bagley, A.	5 11 0	..	5 11 0	..
Totals	244 5 2	96 13 9	218 1 11	122 17 0

RETURN showing AMOUNTS received prior to 1st April, 1909, standing to Credit of ESTATES of
DECEASED SEAMEN and for which CLAIMS have not been proved.

	£	s.	d.		£	s.	d.
Percival Fulda, late steward, "Hawea" ..	2	8	5	H. Cooper, late cook, "Loch Lomond" ..	18	11	0
E. Quimar, late A.B., "Sir Henry" ..	1	14	2	Walter Owens, late A.B., "Kiripaka" ..	2	18	6
Anton Callas, late A.B., "Sir Henry" ..	2	7	6	W. Henderson, late A.B., "Penguin" ..	3	12	6
E. J. Harper, late diver, "Huia" ..	0	0	4	T. Woodford, late A.B., "Penguin" ..	3	12	6
Gustave Hanley, late A.B., "Waikonini" ..	3	7	6	E. Gale, late A.B., "Penguin" ..	3	12	6
Hugh Trimble, late cook, "Frank Guy" ..	6	15	3	W. Westacott, late A.B., "Penguin" ..	3	12	6
Nelson O. Stred, late A.B., "Helen Denny" ..	0	11	3	G. Gaffra, late donkeyman, "Penguin" ..	4	19	6
T. Clark, late A.B., "Flora" ..	1	0	0	James Piercy, late A.B., "Kia Ora" ..	1	2	2
Erick A. Osterlund, late A.B., "Gannymede" ..	16	1	6	J. Ward, late fireman, "Penguin" ..	3	17	6
William Wood, late trimmer, "Arahura" ..	4	6	11	G. Barnes, late trimmer "Penguin" ..	4	1	8
E. Kelly, late O.S., "Surprise" ..	1	11	6	Mrs. A. Jacobs, late stewardess, "Penguin" ..	2	3	6
B. Johansen, late A.B., "Surprise" ..	1	16	2	H. McGuire, late sculleryman, "Penguin" ..	1	10	2
M. Peterson, late first mate, "Constance Craig" ..	7	10	0	H. S. Molvig, late chief officer, "Countess of Ranfurly" ..	11	6	5
J. Nelson, late sailmaker, "Constance Craig" ..	0	10	0	Fred Berger, late fireman, "Awaroa" ..	4	15	11
A. Maller, late of "Constance Craig" ..	0	5	0	M. Peterson, late of "Ronga" ..	0	10	0
H. Hansen, late of "Constance Craig" ..	0	5	0	E. Olsen, late of "Ronga" ..	0	8	0
T. Brown, late of "Constance Craig" ..	0	5	0	J. Johnston, late of "Ronga" ..	0	8	0
M. Keogh, late of "Constance Craig" ..	0	5	0	J. McAlister, late A.B., "Hoanga" ..	2	15	0
B. Stein, late of "Constance Craig" ..	3	10	0	F. McNeil, late A.B., "Hoanga" ..	2	15	0
Thor Christiansen, late A.B., "Haere" ..	0	2	10	(Name not known), late cook, "Hoanga" ..	2	7	8
August Ferguson, late cook, "Toroa" ..	2	10	0	Pierre Johann, late A.B., "La Bella" ..	8	5	5
— Neilson, late A.B., "Toroa" ..	2	15	0	J. McPherson, late of "Ronga" ..	0	8	0
— Larsen, late A.B., "Toroa" ..	2	15	0	C. Foreman, late A.B., "Ronga" ..	0	8	8
— Hansen, late A.B., "Toroa" ..	2	15	0	Kristopher Hansen, late of "Southern Isle" ..	0	15	11
Duncan Kennedy, late A.B., "Kini" ..	5	16	9	Thomas Thomas, late A.B., "Medora" ..	3	5	6
J. Court, late mate, "Loch Lomond" ..	16	6	8	A. Sorrenson, late A.B., "Haeremai" ..	2	12	0
J. Matheson, late second mate, "Loch Lomond" ..	23	0	0	J. Wallen, late A.B., "Haeremai" ..	3	13	8
J. Dawson, late A.B., "Talune" ..	3	6	2	E. Hargreaves, late mate, "Aotea" ..	0	19	0
C. Waddington, late A.B., "Loch Lomond" ..	10	11	0	David Davies, late cook, "Aotea" ..	1	4	10
J. Jones, late A.B., "Loch Lomond" ..	11	12	0	O. Blanquist, late A.B., "Aotea" ..	1	18	2
T. Grey, late A.B., "Loch Lomond" ..	11	12	0	Rosso Concetto, late A.B., "Aotea" ..	1	6	2
C. Sornson, late A.B., "Loch Lomond" ..	10	10	1	N. Tansley, late O.S., "Aotea" ..	1	1	6
J. McKay, late A.B., "Loch Lomond" ..	11	12	0	Charles Roberts, late O.S., "Morning Light" ..	3	4	11
C. Raath, late A.B., "Loch Lomond" ..	12	12	8	John Beer, late of launch "Akitio" ..	18	0	9
J. McVicar, late A.B., "Loch Lomond" ..	6	9	0	Frederick Smith, late A.B., "Moonah" ..	1	6	8

RETURN of WRECKS and CASUALTIES to SHIPPING reported to the MARINE DEPARTMENT from the 1st April, 1909, to the 31st March, 1910.

Date of Casualty.	Vessel's Name, Age, and Class.	Rig.	Number of		Nature of		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry	Name of Master.
			Crew	Passengers.	Cargo.	Casualty.			Direction.	Force.		
1909.												
Jan. 28	Matariki, s.s., 6 months	Cutter ..	66	3	150	..	Collision ..	..			The master of the "Maheno" was guilty of negligence in not stopping his engines in time. W. T. Nash, who was acting as master, was ordered to pay costs of inquiry, £21	R. Scollay.
" 28	Maheno, o.e.v., 4 years	Ferry-boat	24	3	50	..	Collision; no damage	..	N.E.	Strong		L. F. Mathieson.
Feb. 24	Gem, 35 years	Schooner	20	2	..	Slag ..	Stranded; no damage	..	W.S.W.	Light ..	Was carried by the current on to the bank, but got off without damage	J. Francis.
" 27	Forrest Hall, 26 years	Ship ..	1999	25	..	Coal ..	Stranded; total loss	..	S.E. by E.	Light ..	Casualty was due to grossly negligent navigation on the part of the master in standing on the starboard tack much longer than he was, under the circumstances, justified in doing, and in neglecting to take soundings as the vessel approached the land. The chief officer was in no way to blame. The master's certificate was suspended for two years, and he was ordered to pay costs of the inquiry	J. F. Collins.
Mar. 18	Anpouri, s.s., 4 years	Schooner	220	23	15	General	Stranded; slight damage	..	E.	Light ..	When crossing the bar the vessel took the ground, but was got off four days later	T. W. Haultain.
" 25	Storm, s.s., 5 years	Schooner	186	15	..	General	Collision; damage, £150	..	N.W.	Light	Collision was due to errors of judgment on the part of the officers in charge of each ship at the time. The collision could have been avoided by strict observance of the rule of the road. Each officer in charge to pay one moiety of the costs	N. Wood.
" 25	Wakatu, s.s., 30 years	Schooner	95	14	2	Sheep ..	Collision; damage, £150	..	S.E.	Gale ..	The vessel took party to save cargo from the wreck of the "Ben Avon" at Palliser Bay, and was anchored there. A heavy southerly gale came up and drove her ashore. There was no one on board at the time	James Wills.
" 29	Rona, 5 years	Ketch ..	35	7	..	Salvage-gear	Stranded; total loss	..				..
" 31	Warimoo, s.s., 18 years	Schooner	2076	80	100	General	Collision; slight damage	..	Calm	..	Caused by Dredge No. 404 not getting out of fairway, and going to wrong side	J. T. Rolls.
" 31	Dredge 404, s.s., 6 years	..	211	..	..	..	Collision; no damage	..				J. McDonald.
April 5	Cambsudoon, 14 years	Barque	1522	..	..	Grain ..	Loss of life ..	1			A heavy sea came on board and washed Odin Nilson, A.B., overboard. Too heavy a sea running to lower a boat	Thomas Howes.
" 15	Matariki, s.s., 1 year	Cutter ..	66	4	..	..	Fire; total loss	..			Vessel was found to be on fire about 12.30 a.m. Cause not known	R. Scollay.
" 17	St. Kilda, 47 years	Barquentine	189	9	..	Timber	Stranded; no damage	..	N.W.	Light ..	Vessel was being towed across the bar, but the tug had insufficient power to keep her in the channel	G. J. Jewel.
" 22	Rakaia, s.s., 14 years	Schooner	3660	54	..	General	Collision; slight damage	..			The "Gertie" broke adrift whilst being moored during a strong gale and struck the side of the "Rakaia," making a hole in the "Rakaia's" plates with her anchor	H. C. Barnes.
" 22	Gertie, s.s., 18 years	Schooner	119	14	..	General	Collision; no damage	..	N.	Gale ..	in the "Rakaia's" plates with her anchor	R. Rodger.
" 23	Weatherfield, 44 years	Barque	1047	15	..	Coal ..	Sails and gear damaged, £200	..	N.W.	Gale ..	Sails and gear damaged in heavy gale ..	W. J. M. Tate.

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

Date of Casualty.	Vessel's Name, Age, and Class.	Reg.	Register Tonnage.	Number of		Nature of		Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
				Crew.	Passengers.	Cargo.	Casualty.		Direction.	Force.		
1909. April 26	Makarora, s.s.	..	Not registered 54	3	4	General	Stranded; total loss	Head of Lake Wanaka	N.E.	Strong..	Owing to boiler-tubes leaking, the engine had insufficient power to prevent the vessel drifting ashore in the strong wind. The vessel stranded on a sandbank, but was got off uninjured	Andrew McDougall.
May 2	Endeavour, 5 years	Ketch ..	..	6	..	Coal	Stranded; no damage	Ngunguru River	S.E.	Light ..		B. Chellew.
"	Savari, s.s., 14 years	Schooner	31 Not registered	4	..	Fish	Collision; no damage	Port Ahuri	N.E.	Light ..	Collision was caused by the launch trying to cross the bow of the "Savari"	E. Frederick.
"	Lorna, s.s. ..	Launch	1	..	Nil	..	Collision; no damage	Kimikini, Mahia, Hawke's Bay	S.	Gale ..	Vessel was sheltering from heavy gale when the cables parted and she drifted ashore, the engines having insufficient power to make headway	W. J. Bennett.
16	Tuhara, o.e.v., 3 years	Schooner	63	5	..	Timber and coal	Stranded; total loss	S. Spit, Karamea River	W.	Moderate	Vessel entered Karamea River safely, but found current too strong, and was washed ashore	A. McNabb.
"	Echo, 4 years..	Schooner	99	7	..	Ballast..	Stranded; partial damage					J. S. Fletcher.
"	Gannet, 4 years	Schooner	78	4	..	Timber	Stranded; trifling damage	D'Urville Rock, Wake Island	S.E.	Moderate	Owing to thick weather the land was obscured, and the master miscalculated his distance. Vessel touched the bank coming up the narrow channel	L. Vasta.
"	Monowai, s.s., 19 years	Schooner	2137	..	..	General	Stranded; no damage	Otago Harbour	..	..		J. Robertson.
"	Rarawa, s.s., 6 years	Schooner	460	..	..	General	Damaged boiler	Manukau Harbour	..	..	The damage was caused by shortage of water in the boiler. The engineers were guilty of negligence in not examining the cocks connected with the gauge-glass, one of which was closed and should have been open, thus causing a false reading of the gauge-glass. The engineers were ordered to contribute to the cost of the inquiry in the following proportions: First engineer, £12; second engineer, £8; third engineer, £6. Vessel failed to answer her helm promptly ..	W. F. Norbury.
June 2	Jane Douglas, s.s., 34 years	Schooner	75	9	..	General	Stranded; no damage	Hokitika River	..	Calm ..		James Irvine.
"	Doto, s.s., 18 years	Trawler	19	4	..	..	Stranded; no damage	Petane Beach, Hawke's Bay	W.	Light ..	Stranded on a sandbank owing to trawl-net fouling the propeller	A. G. Nilsson.
"	Rob Roy, s.s., 10 years	Cutter ..	34	8	..	General	Stranded; no damage	Point Jermingham, Wellington Harbour	..	Calm ..	Vessel took the ground owing to master attempting to pass between the buoy and shore	O. F. McIntyre.
"	Kaco, o.e.v., 4 years	Schooner	146	10	..	General	Stranded; slight damage	Tokomaru Bay	E.S.E.	Gale ..	Vessel, sheltering from gale, dragged her anchors and was beached in a safe place	J. H. Skinner.
"	Holmdale, s.s., 8 years	Schooner	197	12	..	Produce	Collision; no damage	Breastwork, Port Ahuri	E.	Fresh ..	The tug having the "Hippalos" in tow kept too close in in trying to avoid the current	W. F. Clark.
"	Hippalos, 17 years	Barque	299	..	..	..	Collision; no damage	East coast, Slipper Island	N.	Gale ..	Vessel was running for shelter, and, the weather being thick, the distance from shore was misjudged	F. W. Whitton.
"	Tramp, 7 years	Schooner	98	5	..	Timber	Stranded; partial loss, £200					A. S. Miller.

"	Leicester Castle, 27 years	Ship	2009	26	..	Ballast..	D a m a g e d spars, &c.	..	Lat. 34° 42' S., Long. 154° E.	..	..	Gale ..	Vessel fell in with heavy gales, and sustained considerable damage to spars and rigging	C. Hunter.
July 2	Flora, 30 years	Cutter ..	14	3	..	Shingle	Foundered; partial loss	1	Near Railway Wharf, Auckland Harbour	N.E.	Gale ..	Gale ..	The "Flora" was overlaid and leaking, and therefore unseaworthy, and in consequence sank at her moorings; and one of the crew, named Frederick Clark, was drowned. The Court was of opinion that the master did not take reasonable precautions to guard his vessel during the night, suspended his certificate for three months, and ordered that costs, £37 14s. 6d., be paid by the master and owners	Thomas Dowd.
"	Manuka, s.s., 6 years	Schooner	2785	90	133	General	Stranded; trifling damage	..	Tewaiwai Point, Bluff Harbour	S.	Light ..	Light ..	Vessel touched an uncharted rock or other obstacle	W. J. Newton.
"	Jane Douglas, s.s., 35 years	Schooner	75	9	..	Sleepers	Stranded; no damage	..	N. Spit, Okarito	..	Calm ..	Calm ..	Vessel grounded in the channel through being a little too much to the northward	James Irvine.
"	Himitangi, s.s., 10 years	Schooner	149	15	..	Coal ..	Stranded; trifling damage	..	Manawatu Bar	E.	Light ..	Light ..	Stranded on bar, but was got off with trifling damage	W. Manley.
"	Rakiura, s.s., 31 years	Schooner	81	9	..	Timber	Stranded; trifling damage	..	Catlin's River	..	Calm ..	Calm ..	Grounded in river, but was got off with trifling damage	G. A. Marks.
"	Mangapapa, s.s., 6 years	Schooner	87	11	..	Timber	Stranded; trifling damage	..	Karamea River	W.	Light ..	Light ..	Vessel touched the bank in a narrow channel, and was left aground by the falling tide	F. Fletcher.
"	Pukaki, s.s., 23 years	Schooner	917	23	..	General	Collision; no damage	..	Off Ravensbourne, Otago Harbour	..	Calm ..	Calm ..	The s.s. "Kotare" was towing the s.s. "Rakiura," but, not showing towing-lights, was mistaken by the master of the "Pukaki" for the dredge moored alongside the channel	J. G. Watson.
"	Kotare, s.s., 6 years	Schooner	79	9	..	Timber	Collision; trifling damage	..	Off Cape Egmont	S.E.	Gale ..	Gale ..	A heavy sea came on board and washed L. M. Matsen, A.B., overboard	H. J. Treurn.
Aug. 2	Huia, 15 years	Schooner	199	9	..	General	Loss of life ..	1	Off Cape Egmont	S.E.	Gale ..	Gale ..	A heavy sea came on board and washed L. M. Matsen, A.B., overboard	D. McKenzie.
"	Kapanui, s.s., 11 years	Schooner	63	10	..	Fruit, &c.	Fire; total loss	..	At Warkworth Wharf	..	Calm ..	Calm ..	Vessel gutted by fire; cause unknown	W. J. McManus.
"	Rona, 24 years	Barque	618	15	..	Timber	Collision; trifling damage	..	Wharf, Dargaville	..	Calm ..	Calm ..	The mooring-lines of the "Haere" carried away, and she bumped into the "Rona," moored at the wharf	W. H. Wocbling.
"	Haere, 7 years	Schooner	99	..	..	..	Collision	..	Off Cape Farewell	E.	Fresh ..	Fresh ..	Vessel put into Nelson with starboard thrust-shaft broken	George Page.
"	Gertie, s.s., 18 years	Schooner	119	14	..	Coal ..	Broken shaft	..	Off Cape Farewell	E.	Fresh ..	Fresh ..	Vessel put into Nelson with starboard thrust-shaft broken	R. Rodger.
Sept. 7 or 8	Duco, s.s., 17 years	Cutter ..	26	15	..	Fishing-vessel	Foundered ..	15	Not known..	..	..	..	The "Duco" left Wellington for Waitangi, Chatham Islands, at 1.30 p.m. on 7th September, and has not since been heard of. On the evening of her departure a strong southerly gale set in, and it is supposed she foundered at sea, probably on the night of her departure. The Court was of opinion that the "Duco," when leaving Wellington, was not in a condition to encounter such perils of the sea as she might be fairly expected to encounter in going to the Chatham Islands, and that the deck cargo which she carried rendered her unseaworthy. The owners of the vessel (the Wellington Harbour Ferries Company, Limited) were ordered to pay costs of inquiry, £14 5s.	J. Abram.

RETURN OF WRECKS AND CASUALTIES TO SHIPPING REPORTED TO THE MARINE DEPARTMENT, &c.—continued.

Date of Casualty.	Vessel's Name, Age, and Class.	Reg.	Number of		Nature of		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
			Crew.	Passengers.	Cargo.	Casualty.			Direction.	Force.		
1909.												
Sept. 8	Gannet, 28 years	Ketch ..	23	2	Timber	Stranded; no damage	..	French Pass	..	Calm ..	Wind failed, and vessel was carried by strong current on to reef, where she lay till tide turned	R. Goldie.
"	Paparoa, s.s., 10 years	Schooner	4350	95	General	Stranded; no damage	..	Otago Heads	..	Light ..	Entering Otago Harbour in charge of pilot, the vessel got too far east, and touched north end of outer shoal	R. C. Clifford.
"	Tomoana, s.s., 10 years	Schooner	3905	48	General	Fire; cargo, £60	..	Wharf, Dunedin	..	Moderate	Fire discovered in hold; cause unknown. Extinguished without damage to ship	T. R. Linklater.
"	Kiripaka, s.s., 13 years	Schooner	75	10	Ballast..	Keelson and stringer cracked	..	Patea Bar ..	..	Moderate	The vessel was struck by two blind rollers just after crossing the bar of the Patea River	G. T. Nixon.
"	Rakaia, s.s., 14 years	Schooner	3660	54	General	Stranded; no damage	..	Otago Harbour	..	Light ..	Vessel proceeding slowly up channel failed to answer helm, and took the ground at side of channel	H. C. Barnes.
Oct. 7	Lily, 19 years..	Ketch ..	14	2	Ballast	Stranded; no damage	..	Entrance to Nelson Harbour	W.	Light ..	Wind suddenly changed when vessel was going through the new channel, and the tide-rip carried her on to the breakwater	W. Westrupp.
"	Pania, s.s., 13 years	Schooner	35	5	Trawler	Collision; no damage	..	Entrance to Port Ahuriri	S.E.	Strong	Caused by the trawler "Countess" lying at the entrance to the "Iron Pot"	W. Eastick.
"	Ahuriri, s.s., 27 years	Schooner	31	7	..	Collision; £100 damage	..	N. Head, Kaipara	S.W.	Light ..	Vessel missed stays twice and ran on shoal whilst wearing	Richard Norman.
"	Waratah, 5 years	Schooner	96	6	Timber	Stranded; no damage	..	Entrance, Ngunguru Harbour	E.	Light ..	Vessel was swung on to the reef by the tide..	W. E. Barnes.
"	Wairoa, s.s., 15 years	Schooner	49	..	Coal ..	Stranded; £30 damage	..	Off Wellington Heads	N.W.	Moderate	The propeller was lost through the breaking of the tail shaft	F. Jensen.
"	Holmdale, s.s., 8 years	Schooner	198	12	Timber	Loss of propeller	..	Ferry Wharf, Wellington	N.W.	Strong..	Fire occurred in vessel's bunkers; cause unknown, no person being on board at time	W. F. Clark.
Nov. 11	Pilot, s.s., 25 years	Sloop ..	27	3	..	Fire; slight damage	..	Dunedin Wharf	..	..	Fire occurred in flax cargo, but Court was unable to say what was the cause	J. Corich.
"	Warrimoo, s.s., 18 years	Schooner	2076	76	General	Fire; damage to ship, £400	..	Walker Rock, Jack-son's Head	E.	Moderate	During thick weather the vessel struck lightly on Walker Rock, but sustained no injury	C. Clift.
"	Takapuna, s.s., 26 years	Schooner	472	42	General	Stranded; no damage	..	Nelson Harbour	N.	Light ..	When entering the harbour, the tide being low, the vessel grounded in the channel	R. Stewart.
"	Mapourika, 12 years	Schooner	718	42	General	Stranded; no damage	..	Off Blumaine Island, Queen Charlotte Sound	S.S.W.	Fresh gale	The vessel struck on Walker Rock, Jackson's Head, and was taken in tow by the "Takapuna" for Pictou, but foundered before port could be made	S. L. Kennedy.
"	Hippalos, 17 years	Barque	299	11	Ballast..	Foundered; total loss	..	Quarantine Island, Otago Harbour	N.E.	Light ..	The vessel took the ground in the passage between Quarantine and Goat Islands during a fog, but floated off uninjured when the tide rose	Thomas Norris.
"	Koonya, s.s., 11 years	Schooner	663	25	General	Stranded; no damage	..					A. C. Showman.

Dec. 18	Aparima, s.s., 7 years	Schooner	3684	..	General	Stranded; no damage	..	Off Three Isles, Torres Strait	..	Light ..	Vessel grounded on sandbank, but got off at high tide. The course should have been set more to the west on account of the vessel working to the east When leaving the wharf the vessel in swinging took the ground	H. A. Rutter.
"	20 Warrimoo, s.s., 18 years	Schooner	2076	82	General	Stranded; no damage	..	Bluff Harbour	E.	Light ..		C. Cliff.
"	21 Kestrel, s.s., 5 years	Schooner	203	5	Ferryboat	Collision; no damage	..	West end of Queen Street Wharf, Auckland Harbour	N.	Light ..	Due to whistle of approaching vessel not being heard	A. Beehe.
"	21 Ruru, s.s., 8 years	Schooner	11	3	Ferryboat	Collision; trifling damage	..	Stop Island, Dusky Sound	..	Light ..		G. Adams.
1910.	Waikare, s.s., 13 years	Schooner	1901	85	..	Stranded; total loss	..		..	Calm ..	The vessel struck an uncharted rock in Dusky Sound between Indian Island and Passage Isles, and was beached on Stop Island to prevent her foundering. The Court held that the master and officers were in no way to blame for the casualty	W. J. Newton.
"	12 Pania, s.s., 13 years	Schooner	35	4	..	Collision; no damage	..	Entrance to Port Ahuriri	W.	Light ..	The master of the "Doto," the overtaking vessel, kept too close behind the "Pania"	W. Eastick.
"	12 Doto, s.s., 19 years	Schooner	19	4	..	Collision; no damage	..	Half-moon Bay, Stewart Island	S.	Gale ..	Vessel driven ashore from her moorings during heavy gale	A. Nilsson.
"	12 Ruahine, 20 years	Auxiliary cutter	12	..	..	Stranded; total loss	..	Rangitoto Channel, Auckland Harbour	W.N.W.	Light ..	The vessel struck an uncharted rock in Rangitoto Channel, and sustained such severe damage that she sank and rested on the bottom in the fairway of the channel. She was subsequently refloated and docked for repairs. The Court considered that the master and officers were in no way to blame	N. R. de la Cour Cornwall.
"	14 Kaipara, s.s., 7 years	Schooner	4741	65	General	Stranded; serious damage	..		N.E.	Moderate	The wind suddenly died away as the vessel was entering the harbour, and she drifted ashore	J. W. Watson.
"	16 Argus, 56 years	Ketch ..	36	3	Coal ..	Stranded; no damage	..	Nelson Harbour	Variable	Light ..	The casualty was caused by the wrongful act and default of the master (Captain Peterson) in leaving the helm and going below to sleep without calling one of the other hands, thus leaving the vessel at the mercy of the sea and wind. In view of the evidence as to Captain Peterson's intemperate habits, the Court cancelled his certificate	P. Peterson.
"	22 Vesper, 8 years	Schooner	25	3	Mutton carcasses	Stranded; damage, £20	..	Whangaparaoa Peninsula, Hauraki Gulf	S.W.	Light ..	Vessel grounded on sand-spit in Manawatu River	R. Rodger.
"	26 Gertie, s.s., 19 years	Schooner	119	14	Coal ..	Stranded; trifling damage	..	Bar, Manawatu River	..	Calm ..	Vessel stranded when crossing the bar, but got off following morning	James Jamieson.
Feb. 5	Defender, s.s., 9 years	Schooner	109	9	Timber	Stranded; no damage	..	Bar, Hokitika River...	S.E.	Fresh breeze	Stern of vessel came into contact with the wharf, twisting the rudder-post	E. J. Harvey.
"	19 Kimi, s.s., 16 years	Schooner	702	24	Ballast..	Collision with wharf; damage, £40	..	Railway Wharf, Wellington	E.	Light ..	Stranded when crossing bar of Manawatu River, but got off without damage	
Mar. 4	Queen of the South, s.s., 33 years	Schooner	121	13	General	Stranded; no damage	..	Bar, Manawatu River				

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

Date of Casualty.	Vessel's Name, Age, and Class.	Rig.	Register	Number of		Nature of		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
				Crew	Passengers.	Cargo.	Casualty.			Direction.	Force.		
1910. Mar. 8	Manaroa, s.s., 13 years	Schooner	78	11	..	General	Stranded; damage, £40	..	Entrance, Waikawa Bay, Nelson	N.W.	Light ..	When entering the bay the vessel grazed an outlying rock at Hole-in-the-rock Point	Richard Hart.
"	John Anderson	Schooner	36	5	4	General	Damaged propeller (trifling)	..	Long-look-out Point, Lyttelton Harbour	N.	Fresh breeze	The propeller struck some submerged object and twisted one of the blades	W. M. Cameron.
"	Duchess, s.s., 13 years	Cutter ..	95	6	8	Ferry-boat	Collision; slight damage	..	Off Point Jerminham, Wellington Harbour	S.	Gale ..	The vessels came into collision on the evening of 30th March, the "Cobar" sustaining damage which necessitated her being beached. The Court was of opinion that the master of each vessel was equally in fault, and suspended their certificates for twelve months, and ordered each of them to pay half the costs of the inquiry	James Jones.
"	Cobar, s.s., 7 years	Cutter ..	58	5	35	Ferry-boat	Collision; damage, £150	..	At entrance to Nelson Harbour	..	..	The vessel was struck by a succession of blind rollers and thrown on her beam-ends, when she filled and sank. The Court held that no one was to blame for the casualty	J. T. A. L. Williams.
"	Koi, s.s., 4 years	Schooner	53	..	..	Live-stock and general	Foundered ..	..	At entrance to Nelson Harbour	..	..	The dredge broke from her moorings during a heavy gale, and drove against the wharf, where she filled and sank	Charles E. Scully.
"	Thomas King..	Dredge	100 Not registered	5	..	..	Foundered; no damage	..	New Plymouth Wharf	S.E.	Gale ..		W. J. Newton (Harbour-master).

RETURN showing the NOTICES to MARINERS relating to Matters within the Dominion issued by the Marine Department during the Year ended 31st March, 1910.

Port or Place.	Subject of Notice.
Auckland Harbour	Buoy-light in Rangitoto Channel altered.
"	Anchorage for yachts, fishing boats, &c.
"	Alteration in man-of-war anchorage.
"	Light-vessel placed on new shoal.
"	Amended position of buoys in Rangitoto Channel.
"	Alteration of buoys in Rangitoto Channel.
Awakino River	Erection of beacons.
Bay of Plenty	Dangerous rock off Mayor Island.
Bluff Harbour	Change in colour of leading light.
"	Leading lights and soundings.
Cape Brett	Erection of lighthouse.
"	Exhibition of light.
Cook Strait	Tidal stream observations.
"	Tidal stream observations.
East Island	Interruption in telegraph cable.
French Pass	Caution about entering.
Hokianga	Harbour signals.
"	Shoaling off bar.
Kaipara Harbour	Wigham light established.
Lyttelton Harbour	Dredging operations.
Manukau Harbour	Beacon displaced.
"	Rock in Waiuku Channel.
Martin's Bay	Removal of rocks, Hollyford River.
Napier Harbour	Caution in approaching Glasgow Wharf.
Nelson Harbour	Leading lights for new entrance.
"	Discharge pipes in harbour.
"	Dredge off Railway Wharf.
New Plymouth Harbour ..	Rock off Moturoa.
New Zealand Coast	Magnetic variation.
"	" New Zealand Nautical Almanac, 1910," issued.
Otago Harbour	Pile beacons in entrance.
"	Time-ball discontinued.
"	New lights.
Poverty Bay	Erection of lighthouse on Tuahine Point.
"	Exhibition of light on Tuahine Point.
Tauranga Harbour	Bell-buoy at entrance.
Timaru Harbour	Alteration of breakwater, and extension mole lights.
"	Alteration in lights.
Wanganui Harbour	Removal and alteration of beacons, and altered directions.
Wellington Harbour	Time-ball discontinued.
"	Light on Rona Bay Wharf.
"	Lights on seaward ends of city wharves.
Westport Harbour	Buller River flagstaff obscured.
"	Buller River flagstaff still obscured.
Whangarei Harbour	River lights established.

LIST of Boys who joined s.s. "Amokura" prior to 31st March, 1910.

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	" "Ripplingham 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
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	Joined "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	" " " "

Found berths on ships, but parents objected to their going.

Name.	Date of Joining.	Date of Discharge.	Occupation taken up on Discharge.
Talbot, P. D. ..	3/7/07	24/5/09	Joined 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	..	Still on board.
McCullough, C. C.	22/5/07	1/6/09	Joined s.s. "Pateena" as O.S.
Hurley, G. A. R.	22/2/09	..	Still on board.
Bond, B.	2/7/07	2/7/09	Joined s.s. "Ngatiawa" as O.S.
Holder, F.	4/2/08	14/12/09	" " "Maori" as O.S.
Tindall, W. H. A.	3/11/08	..	Still on board.
Diggle, N... ..	22/7/07	10/8/09	Joined s.s. "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.
Dyte, 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	" " "Maori;" as O.S.
Maisey, J. F.	9/7/08	14/12/09	" " "Maori;" as O.S.
Clarke, V. C. M.	4/11/08	..	Still on board.
Martin, S. E.	30/9/08	..	"
Breach, H. E.	9/9/08	14/12/09	Joined s.s. "Maori" as O.S.
Mahoney, E. L. G.	20/11/08	..	Still on board.
Miles, P. A.	19/11/08	5/5/10	Joined s.s. "Putiki" as O.S.
Olson, E. N.	18/9/08	..	Still on board.
Inglis, A. L.	16/2/09	..	"
Haines, H. F.	10/2/09	..	"
Hucks, R. H.	12/2/09	..	"
Carston, A. C.	21/2/09	..	"
Burrows, J. F.	16/2/09	..	"
Bennett, H. E.	12/2/09	..	"
McGregor, A.	9/2/09	..	"
Wagstaff, T. R.	12/2/09	..	"
Jenkins, P. J.	3/4/09	..	"
Burnside, V.	28/3/09	..	"
Culling, S. G.	27/2/09	..	"
Cree, J.	27/2/09	..	"
Fisher, B. F.	30/6/08	4/5/10	Joined s.s. "Maori" as boy.
McDougall, J. F.	29/3/09	..	Still on board.
Rutledge, R.	6/4/09	..	"
Day, G. R. H.	25/5/09	..	"
Sturgess, W. G.	25/5/09	..	"
Grievess, C. R.	30/5/09	..	"
Washer, H. L.	33/5/09	..	"
Herring, C.	4/6/09	..	"
Martin, E. W.	8/6/09	..	"
Smith, V.	11/6/09	..	"
Hood, J. J.	11/6/09	..	"
Wait, A. G.	17/6/09	..	"
Latimer, A. E. C.	28/6/09	..	"
Darlow, F. J.	21/7/09	8/2/10	Written off as a deserter.
Chapple, H. M. B.	27/7/09	..	Still on board.
Dalzell, St. J. C.	6/8/09	..	"
Stone, H. O.	28/8/09	..	"
Hay, H. L.	5/9/09	..	"
Soper, A. F.	8/9/09	..	"
Watson, C. H.	14/9/09	..	"
Moir, T. P.	18/9/09	..	"
McLeish, D. N.	22/9/09	..	"
Brennan, W.	29/9/09	..	"
Lawson, R.	5/10/09	..	"
Scaife, J.	5/10/09	..	"
Wilson, J... ..	27/10/09	..	"
Satherley, H. G. B.	30/10/09	..	"
Foreman, J. W.	28/10/09	..	"
King, C. F.	28/10/09	..	"
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	..	"

RETURN of ACCIDENTS to WATERSIDE WORKERS reported to the MARINE DEPARTMENT during the Financial Year ended 31st March, 1910.

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.
1909.					
April 5	Auckland ..	— Trembath	Injured stomach	Auckland ..	Struck by sling of wheat.
" 5	Auckland ..	Joseph Whiteman	Bruises	Auckland ..	Fell into hold of " Tokomaru," and was badly bruised.
" 13	Grey mouth ..	William Hannam	Injured foot	Grey mouth ..	Jammed between iron rails.
" 14	Auckland ..	Hancock	Fractured pelvis	Auckland ..	Fell off the wharf.
" 16	Grey mouth ..	Robert Leach	Injured leg	Grey mouth ..	Fell and twisted his leg.
" 16	Napier ..	J. Pearson ..	Broken nose and bruises	Napier ..	The hatches fell down the hold and struck him.
" 29	Grey mouth ..	Walter G. Vile	Injured thumb	Grey mouth ..	Crushed in cargo.
May 12	Lyttelton ..	Charles Kelly	Injured hand	Lyttelton ..	Strained whilst loading coal into a truck.
" 14	Grey mouth ..	Fred Williams	Injured back	Grey mouth ..	Was knocked off a timber-wagon.
" 22	Wellington	Thomas A. Calderwood	Injured thigh	Wellington	Kicked by a horse.
" 25	Auckland ..	P. Gillard ..	Broken leg	Devonport	Fell whilst carrying a plank.
" 25	Grey mouth ..	A. E. Jones	Injured hand	Grey mouth ..	Jammed in cargo.
" 27	Auckland ..	William Mann	Injured knee	Auckland ..	Crushed whilst working cargo.
" 27	Lyttelton ..	William McConnell	Broken ankle	Lyttelton ..	A sack of grain fell on his foot.
June 7	Timaru ..	J. Gullman ..	Injured back	Timaru ..	Slipped and his cargo hook ran into his back.
" 15	Timaru ..	A. Miller ..	Effects of fall	Timaru ..	Fell off a railway-truck.
" 21	Auckland ..	W. J. Palmer	Broken leg	Timaru ..	A bag of wheat fell from a truck and struck his leg.
" 23	Lyttelton ..	H. Morrow	Sprained ankle	Auckland ..	A bag of copra fell on his foot.
Aug. 2	Grey mouth ..	W. Norton ..	Injured head	Lyttelton ..	Slipped and fell.
" 3	Grey mouth ..	F. Weinberg	Injured finger	Grey mouth ..	Crushed between yardarm rope and winch-end.
" 11	Lyttelton ..	J. McCarthy	Injured chest	Grey mouth ..	Struck by a case of goods in a sling.
" 12	Grey mouth ..	Joseph Smart	Injured head	Lyttelton ..	Result of a fall.
" 18	Grey mouth ..	Geo. Masters	Broken leg	Grey mouth ..	Knocked down by a wagon, the wheel passing over his leg.
" 19	Lyttelton ..	J. Christie ..	Injured finger	Grey mouth ..	Crushed between cases of goods.
" 26	Auckland ..	— Easton ..	Injured foot	Lyttelton ..	A weight fell out of a sling and bruised his toes.
Sept. 2	Lyttelton ..	Charles Murray	Broken thigh	Auckland ..	A heavy wheel fell on him.
" 3	Auckland ..	F. Sadler ..	Injured finger	Lyttelton ..	Injured by ragged end of cargo-fall.
" 6	Grey mouth ..	Alfred Brookes	Severely injured foot	Auckland ..	A bale fell off a trolley on to his foot.
" 9	Wellington	D. Collaghan	Injured head	Grey mouth ..	Slipped off a coke-shoot.
" 11	Wellington	John Briarly	Injured spine severely	Auckland ..	A sack of bottles fell out of a sling and struck him.
" 13	Lyttelton ..	M. E. Nolan	Injured head	Wellington	Fell from a stack of cases.
" 17	Wellington	James Tasker	Fractured skull ; killed	Wellington	Fell in the hold of the s.s. " Arawa."
" 17	Grey mouth ..	G. Norton ..	Injured knee	Lyttelton ..	Effects of a fall.
" 24	Grey mouth ..	John Dowsett	Broken thigh	Wellington	Was struck by a bale of wool which fell out of a sling.
" 24	Grey mouth ..	Fred Williams	Injured leg	Grey mouth ..	Crushed against hatch by sling of iron.
" 24	Grey mouth ..	William Jackson	Injured head	Grey mouth ..	Knocked off a truck and struck his head on rails.
" 28	Auckland ..	Jos. Hunter	Bruised	Grey mouth ..	Fell off a truck on to the wharf.
" 28	Auckland ..	Isaac Watts	Scalded	Auckland ..	(While cleaning the inside of one of the boilers of the " Fifeshire," steam was suddenly turned on, and Watts was severely scalded on both legs ; and in struggle to get out of boiler Winder strained himself.
Oct. 1	Grey mouth ..	William Winder	Scalded and strained stomach	Auckland ..	Crushed.
" 4	Auckland ..	James W. Walker	Injured hand	Grey mouth ..	Knocked off a staging by basket of coal.
" 7	Grey mouth ..	J. Williams	Injured head	Auckland ..	Jammed between buffers of railway-wagons.
" 18	Grey mouth ..	Evan Gale ..	Injured hand	Grey mouth ..	Crushed beneath sling of timber.
Nov. 1	Timaru ..	H. Millard ..	Injured toe	Grey mouth ..	A truck ran over his toe.
" 8	Grey mouth ..	J. Kelly ..	Crushed toe	Timaru ..	Crushed by case of goods.
" 8	Grey mouth ..	S. A. Coburn	Injured fingers	Grey mouth ..	Crushed by case of goods.

10	Lyttelton ..	P. Gallagher	Injured finger	..	..	Lyttelton ..	Jammed in cargo.
" 11	Greymouth	D. Brett ..	Injured fingers	..	..	Greymouth	Crushed in timber.
" 16	Greymouth	D. Backman	Injured hand	..	..	Greymouth	Crushed by lump of coal.
" 18	Greymouth	E. Harris ..	Ricked back	..	..	Greymouth	Slipped whilst carrying a bag of salt.
" 18	Auckland ..	Edward Bedree	Bruised arm	..	..	Auckland ..	Fell off some scaffolding.
" 30	Greymouth	B. Hands ..	Injured leg	..	..	Greymouth	A piece of timber fell on him.
Dec. 7	Auckland ..	Edward Millet	Injured head	..	..	Auckland ..	Fell into bunkers of s.s. "Wanaka."
" 10	Lyttelton ..	F. Hampson	Shock ..	..	..	Lyttelton ..	Knocked down by a sling of timber.
" 14	Wellington	Edward Payne	Fractured ribs	..	..	Wellington	Struck by a sling of cargo.
" 17	Wellington	George Hill	Injured legs	..	..	Wellington	Struck by a piece of timber.
" 17	Wellington	James Quinn	Scalp wound	..	..	Wellington	Struck by a sling of timber.
" 28	Wellington	C. Brian ..	Fractured skull; fatal	..	..	Wellington	Fell down hold of "Oceola."
" 28	Greymouth	F. McIntyre	Injured thumb	..	..	Greymouth	Crushed in timber.
" 28	Auckland ..	Thomas Bowden	Sprained foot	..	..	Auckland ..	Injured whilst unloading cargo.
1910.							
Jan. 5	Lyttelton ..	F. G. Mapple	Injured arm	..	..	Lyttelton ..	Whilst stowing cargo a bale fell on his arm.
" 15	Hokianga ..	S. Hancey ..	Shock ..	..	..	Hokianga ..	Injured by a tier of timber falling on him.
" 17	Greymouth	George Daleard	Injured back	..	..	Greymouth	Strained whilst lifting heavy weight.
" 22	Greymouth	Fred. Weinberg	General injuries	..	..	Greymouth	A stack of sleepers fell on him.
" 28	Wellington	Arthur Johnston	Injured head	..	..	Wellington	Struck on the head by hook of empty sling.
" 28	Bluff ..	J. McNatty	Injured foot	..	..	Bluff ..	Jumped off a moving truck.
" 28	Bluff ..	A. Tall ..	Broken legs	..	..	Bluff ..	Both legs broken through being crushed by a hatch-beam against the combings.
" 29	Greymouth	J. W. Coeteeze	Injured back	..	..	Greymouth	A piece of timber fell on him.
" 31	Bluff ..	B. Lightfoot	Bruised shoulder	..	..	Bluff ..	Struck by a cask of cement which fell from a sling.
Feb. 3	Wellington	E. Robertson	Injured hand	..	..	Wellington	Crushed in timber.
" 11	Wellington	J. North ..	Injured hip	..	..	Wellington	Fell against the corner of a hatch when carrying a basket of coal.
" 24	Wellington	William Rennie	Injured head (slight)	..	..	Wellington	Struck by a bar of iron which slipped from a sling.
" 25	Lyttelton ..	Edward Tatnell	Broken pelvis ..	..	..	Lyttelton ..	Was crushed between a sling of cargo and a ventilator.
" 26	Wellington	Alfred Cook	Bruised leg (slight)	..	..	Wellington	A plank fell and jammed his leg.
Mar. 1	Wellington	Patrick Arthur	Injured foot	..	..	Wellington	Jammed by the piston-rod of the winch and severely bruised.
" 8	Greymouth	C. Gibbons	Injured finger	..	..	Greymouth	Crushed with hatch-batten.
" 16	Greymouth	C. Milot ..	Injured knee	..	..	Greymouth	Slipped and fell.
" 21	Wellington	Arthur Jones	Injured leg	..	..	Wellington	A case fell out of a sling and bruised his leg.
" 21	Lyttelton ..	T. Clarkson	Bruised face	..	..	Lyttelton ..	Whilst working in truck was hit in the face by a basket of coal.
" 22	Wanganui	G. Karter ..	Injured ankle	..	..	Wanganui	Crushed in timber whilst unloading.
" 30	Wellington	James Mason	Slight concussion	..	..	Wellington	Fell from a tram-line between vessel and trucks on to the wharf.

RETURN showing the ORDERS IN COUNCIL which have been issued during the Year ended 31st March, 1909.

Date of Order.	Purpose of Order.
1909.	
April	20 Approves plans of Bluff Harbour Board's oyster-storage wharf.
"	20 Approves plans of Otago Harbour Board's landing at North Spit.
"	20 Approves plans of bridge over Orawaiti River, at Westport, and authorising Buller County Council to construct same.
May	10 Licenses Mrs. E. Wallen to occupy foreshore, Taipa River, near Mangonui Harbour, as site for storehouse.
"	10 Extends close season for seals until 30th June, 1910.
"	10 Approves plans of extension of and widening of No. 4 Jetty, Lyttelton Harbour.
"	29 Extends close season for trout in Hawera Acclimatisation District.
June	7 Revokes Order in Council licensing G. Mackie to occupy foreshore in Glory Harbour, Stewart Island, as site for wharf.
"	7 Approves plans of Whakatane County Council's wharf at Matata.
"	7 Licenses Whakatane County Council to occupy foreshore, Matata River, as site for wharf.
"	7 Empowers New Plymouth Harbour Board to alter boundaries of electoral wards in harbour district.
"	7 Approves plans of wharf for Kauri Timber Company at Whangaparapara, Great Barrier Island.
"	7 Licenses Kauri Timber Company to occupy foreshore, Whangaparapara, Great Barrier Island, as site for wharf.
"	7 Approves plans of wharf for Mrs. E. L. Smith, on Wade River.
"	7 Licenses Mrs. E. L. Smith to occupy foreshore, Wade River, as site for wharf.
"	7 Approves plans of timber-booms for Waima Timber Company on Waima River.
"	7 Licenses Waima Timber Company to occupy foreshore, Waima River, as site for timber-booms.
"	21 Approves plans of tramway for J. H. Pomeroy at Mullet Bay.
"	21 Licenses J. H. Pomeroy to occupy foreshore, Mullet Bay, as site for tramway.
"	21 Approves plans of wharfage accommodation for Tokomaru Sheep Farmers' Freezing Company at Tokomaru Bay.
"	21 Licenses Tokomaru Sheep Farmers' Freezing Company to occupy foreshore, Tokomaru Bay, as site for wharfage accommodation.
"	21 Makes General Harbour Regulations <i>re</i> motor and other boats.
"	21 Amends General Regulations under Part II of the Fisheries Act, 1908, <i>re</i> half-season licenses.
"	23 Approves plans of Waipu River improvements.
"	23 Amends regulations for trout, perch, and carp fishing in Waimarino Acclimatisation District.
"	23 Revokes Order in Council licensing Watkins Brothers to occupy foreshore, Waitetuna River, Raglan, as site for booms.
"	23 Approves of Waitara Harbour Board licensing J. Burgess to use foreshore for working ironsand.
July	12 Revokes Order in Council licensing W. Chadwick to occupy foreshore, Pahi River, as site for booms.
"	12 Revokes Order in Council licensing J. W. Proudfoot to occupy foreshore, Whangaroa Harbour, as site for buildings.
"	12 Licenses Northern Steamship Company to occupy foreshore, Ohiwa Harbour, as site for wharf.
"	12 Approves plans of Horseshoe Bay Wharf extension.
"	12 Approves plans of Half-moon Bay Wharf extension.
"	12 Amends dues for Akaroa Wharf.
"	12 Makes regulations <i>re</i> licenses to take seals.
"	12 Approves plans of proposed cut in western training-wall at Gisborne.
"	22 Approves plans of proposed boatshed for G. K. Austin in Otago Harbour.
"	22 Licenses G. K. Austin to occupy foreshore, Otago Harbour, as site for boatshed.
"	22 Authorises Westport Harbour Board to expend £260 in providing foot-warmers on Westport-Seddonville trains.
"	26 Approves plans of Nelson Brothers' wharf extension on Taruheru River, Gisborne.
Aug.	2 Approves plans of Waima Timber Company's stacking-ground at Hokianga.
"	2 Licenses Waima Timber Company to occupy foreshore, Hokianga, as site for stacking-ground.
"	2 Licenses H. H. Dacre to occupy foreshore, Mangonui Harbour, as site for boat-slip.
"	2 Appoints members of Greymouth and Westport Harbour Boards.
"	10 Approves plans of boat-shed and slip for W. A. Webster in Hokianga River.
"	10 Licenses W. A. Webster to occupy foreshore, Hokianga River, as site for boat-shed and slip.
"	18 Approves plan of wharf and tramway for McCallum and Co., at Kaipipi Bay, Stewart Island.
"	18 Licenses McCallum and Co. to occupy foreshore, Kaipipi Bay, Stewart Island, as site for wharf and tramway.
"	30 Approves plan of sewer for Auckland and Suburban Drainage Board across Hobson Bay.
"	30 Authorises Westport Harbour Board to expend £1,150 on tablet-station at Birchfield.
"	30 Authorises Westport Harbour Board to expend an additional £500 on fencing Westport-Mokihinui Railway line.
"	30 Approves plans of Wellington Harbour Board's concrete sea-wall and earthworks at Miramar, Evans Bay.
"	30 Approves plan of wharf for C. S. Pike and others as trustees at Wairangi Bay, Croixelles.
"	30 Licenses C. S. Pike and others to occupy foreshore, Wairangi Bay, Croixelles, as site for a wharf.
"	30 Approves plans of extension of Kawhia Wharf.
Sept.	6 Amends regulations <i>re</i> keeping trout in cool-chambers during close season.
"	6 Approves plans of Borough Council's baths at Akaroa.
"	6 Licenses Akaroa Borough Council to occupy foreshore, Akaroa Harbour, as site for baths.
"	13 Licenses A. Beaumont and M. E. Rainbow to occupy foreshore, Collingwood Harbour, as site for wharf.
"	13 Approves plans of extension of Miramar Wharf, Wellington Harbour.
"	20 Approves plan of Kawhia County Council's landing-stage and shed at Oparau.
"	30 Makes regulations under the Training Ship Act, 1908, <i>re</i> retaining wages of boys for six months from date of discharge.
Oct.	5 Approves plans of boat shed and slip for T. Hartley and Sons at Kohukohu, Hokianga.
"	5 Licenses T. Hartley and Sons to occupy foreshore at Kohukohu as site for boat shed and slip.
"	5 Licenses W. Grant to occupy foreshore at Collingwood Harbour as site for wharf.
"	5 Revokes Order in Council vesting Aratapu Wharf in Hobson County Council.
"	5 Vests Aratapu Wharf in S. G. B. Barker and others as trustees, and prescribes dues for said wharf.
"	5 Prohibits trawling in portion of Hawke's Bay.
"	5 Prohibits netting in portion of Otago Harbour.
"	5 Alters regulations for trout and perch fishing in Wellington Acclimatisation District.

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

Date of Order.	Purpose of Order.
1909.	
Oct. 5	Amends regulations for trout and perch fishing in Auckland Acclimatisation District.
" 12	Prohibits trawling in porton of Wellington Harbour.
" 12	Amends regulations for trout-fishing in Grey Acclimatisation District.
" 12	Approves of Westport Harbour Board expending £135 on crossover at Granity Railway-station.
" 12	Approves plan of Knewstubb's boat-shed and staging at Mussel Bay, Otago Harbour.
" 12	Licenses F. Knewstubb to occupy foreshore, Mussel Bay, Otago Harbour, as site for boat-shed and staging.
" 12	Approves plan of J. A. Subritzky's wharf on Awanui River.
" 12	Licenses J. A. Subritzky to occupy foreshore, Awanui River, as site for wharf.
" 12	Approves plans of Kauri Timber Company's wharf at Whitianga.
" 12	Licenses Kauri Timber Company to occupy foreshore, Whitianga, as site for a wharf.
" 12	Amends dues fixed for use of Tokomaru Farmers' Co-operative Company's wharf.
" 18	Approves plans of Kauri Timber Company's booms, breastwork, and reclamation at Whangaparapara Great Barrier.
" 18	Licenses Kauri Timber Company to occupy foreshore, Whangaparapara, as site for booms, breastwork and reclamation.
" 18	Prescribes dues for Kauri Timber Company's wharf at Whangaparapara.
" 18	Approves plans of Knewstubb Brothers' boat-shed and staging at Carey's Bay, Otago Harbour.
" 18	Licenses Knewstubb Brothers to occupy foreshore, Carey's Bay, Otago Harbour, as site for boat-shed and staging.
Nov. 3	Approves plans of and authorises Lyttelton Harbour Board to make reclamation in Lyttelton Harbour.
" 3	Amends regulations <i>re</i> licenses to take seals.
" 3	Makes additional rules <i>re</i> life-saving appliances on ships.
" 3	Extends time for employment of temporary officer in Marine Department.
" 3	Modifies General Harbour Regulations <i>re</i> motor and other boats.
" 3	Revokes Order in Council making regulations for Grey Acclimatisation District, and makes another regulation in lieu thereof.
" 3	Licenses A. E. Harding to occupy foreshore, Aoroa, Kaipara Harbour, as site for a wharf.
" 3	Consents to Thames Harbour Board granting lease of foreshore to Thames Foreshore Dredging Company.
" 3	Prescribes dues for Clevedon Wharf.
" 3	Amends regulations under Part II of the Fisheries Act, 1908, authorising Marine Department to collect ova from any stream.
" 18	Approves plans of wharf and boat-shed for H. H. Kelsey at Motukaraka, Hokianga.
" 18	Licenses H. H. Kelsey to occupy foreshore, Motukaraka, as site for wharf and boat-shed.
" 18	Approves plan of H. V. Fulton's boat-shed and slip at Vauxhall, Otago Harbour.
" 18	Licenses H. V. Fulton to occupy foreshore, Vauxhall, Otago Harbour, as site for boat shed and slip.
" 18	Approves plan of Kauri Timber Company's wharf at Waipapa, Bay of Islands.
" 18	Licenses Kauri Timber Company to occupy foreshore, Waipapa, Bay of Islands, as site for a wharf.
" 18	Amends regulations <i>re</i> taking of whitebait.
" 18	Approves of Westport Harbour Board expending £1,000 on facilities for shipping coal from coal-wharf at Westport.
" 22	Makes regulations for trout-fishing in Rotorua Acclimatisation District.
" 22	Approves plans of Dargaville Borough Council's fire-brigade station on foreshore, Wairoa River.
" 22	Licenses Dargaville Borough Council to occupy foreshore, Wairoa River, as site for fire-brigade station.
" 22	Licenses Kauri Timber Company to occupy foreshore, Mangonui Harbour, as site for a wharf.
Dec. 2	Approves plans of F. Rattenbury's wharf on Tongaporutu River.
" 2	Licenses F. Rattenbury to occupy foreshore, Tongaporutu River, as site for a wharf, and prescribes dues for said wharf.
" 14	Makes regulations <i>re</i> netting in New River estuary.
" 14	Amends General Regulations under Part II of the Fisheries Act, 1908, <i>re</i> Rotorua Acclimatisation District.
" 14	Approves plan of extension of Lyttelton Harbour Board's small-steamer jetty.
" 14	Approves plans of boat-shed and club-house for Manukau Yacht Club in Manukau Harbour.
" 14	Licenses Manukau Yacht Club to occupy foreshore, Manukau Harbour, as site for boat-shed and club-house.
" 14	Approves plan of proposed wharfage accommodation in floating-basin, Westport, and authorising use of ferro-concrete instead of ironbark piles.
" 21	Approves plans of D. McKenzie's proposed works on Otokia Creek, Brighton, and authorising him to carry out same.
" 21	Approves plans of outfall-drains from Wellington City Corporation's septic tank at Island Bay.
" 21	Approves plans of Lyttelton Borough Council's fence across Corsair Bay, and authorises Borough Council to construct same.
" 21	Revokes existing dues for Kawhia Wharf, and makes others in lieu thereof.
" 30	Makes regulations <i>re</i> netting in New River estuary.
" 30	Licenses T. Crockett to occupy foreshore, Half-moon Bay, as site for fish-curing shed.
" 30	Amends regulations <i>re</i> taking of whitebait in Manawatu River.
1910.	
Jan. 17	Approves plans of Gisborne Borough Council's bridge over Waimata River, and authorises Borough Council to carry out work.
" 17	Approves plans of proposed harbour-improvement at Motueka.
" 17	Approves plans of Golden Bay Cement Company's wharf at Terakohe.
" 17	Licenses Golden Bay Cement Company to occupy foreshore at Terakohe as site for a wharf.
" 17	Licenses Mitchelson Timber Company to occupy foreshore, Kaipara Harbour, as site for booms.
" 17	Licenses Harrison and Company to occupy foreshore at Half-moon Bay as site for a fish-shed.
" 17	Approves plans of proposed extension of J. Fell's boat-shed at Kohukohu, Hokianga.
" 17	Licenses J. Fell to occupy foreshore at Kohukohu, Hokianga, as site for a boat-shed.
" 31	Approves plans of proposed extension of Victoria Wharf, at Dunedin.
Feb. 24	Approves plans of storage-tanks and outfall at Orakei, Auckland Harbour, for Auckland and Suburban Drainage Board.
" 24	Approves plans of boat shed and skids for N. Gibbs in Evans Bay, Wellington Harbour.
" 24	Approves plans of extension of breakwater, Gisborne Harbour.
" 24	Approves plans of Kauri Timber Company's booms at Waipapa, Bay of Islands.
" 24	Licenses Kauri Timber Company to occupy foreshore at Waipapa, Bay of Islands, as site for booms.

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

Date of Order.	Purpose of Order.
1910.	
Feb.	24 Approves plans of Kauri Timber Company's booms at Kerikeri, Bay of Islands.
"	24 Licenses Kauri Timber Company to occupy foreshore at Kerikeri as site for booms.
"	24 Licenses Kauri Timber Company to occupy foreshore at Te Kopuru, Kaipara Harbour, as site for wharves.
"	24 Makes regulations <i>re</i> use of town wharf, Tauranga Harbour.
Mar.	5 Approves plans of Waimakariri Harbour Board's half-tide training-wall.
"	5 Revokes Order in Council licensing F. J. Sullivan to occupy foreshore, Purakanui River, as site for smoke-house.
"	5 Revokes Order in Council licensing G. Swain to occupy foreshore, Kaipipi Bay, Stewart Island, as site for a wharf.
"	5 Revokes Order in Council licensing E. Johnson to occupy foreshore, Horseshoe Bay, Stewart Island, as site for fish-shed.
"	5 Approves plans of fish-shed for E. Johnson, in Horseshoe Bay, Stewart Island.
"	5 Licenses E. Johnson to occupy foreshore in Horseshoe Bay, Stewart Island, as site for a fish-shed.
"	5 Approves plans of wharf for P. H. Cannon at Whangaroa Bay, Chatham Islands.
"	5 Licenses P. H. Cannon to occupy foreshore at Whangaroa Bay, Chatham Islands, as site for a wharf.
"	5 Approves plans of Waikawa Sawmilling Company's wharf at Waikawa.
"	5 Licenses Waikawa Sawmilling Company to occupy foreshore at Waikawa as site for a wharf.
"	5 Approves plans of boat-shed and slipway and staging for A. C. Hanlon at Broad Bay, Otago Harbour.
"	5 Licenses A. C. Hanlon to occupy foreshore at Broad Bay, Otago Harbour, as site for boat-shed, slipway, and staging.
"	5 Licenses Opunake Wharf Company to occupy foreshore at Opunake as site for wharf, and prescribes dues for said wharf.
"	5 Vests management of Waitapu Wharf in Takaka County Council, and prescribes dues for same.
"	5 Amends Order in Council fixing dues for Kawhia Wharf.
"	5 Extends close season for seals until 30th June, 1911.
"	14 Approves plans of Kauri Timber Company's booms on Waihou River.
"	14 Licenses Kauri Timber Company to occupy foreshore on Waihou River as site for booms.
"	14 Approves plans of Halliwell Brothers' boat-shed on foreshore, Hokianga River.
"	14 Licenses Halliwell Brothers to occupy foreshore, Hokianga River, as site for a boat-shed.
"	24 Licenses A. S. Andrewes and Sons to occupy foreshore, Opononi, as site for a wharf, and prescribes dues for said wharf.
"	24 Revokes Order in Council licensing A. McKay to occupy foreshore at Mangonui as site for warehouse and offices.
"	24 Licenses A. McKay to occupy foreshore, Mangonui, as site for store, warehouse, and offices.
"	31 Licenses Leyland-O'Brien Timber Company to occupy foreshore, Wharekawa, as site for booms.
"	31 Amends regulations <i>re</i> netting in Taleri River and mouth thereof.

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NEW ZEALAND WRECK CHART.

1st APRIL, 1909, to 31st MARCH, 1910.

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.

- O** — Signifies partial loss of a sailing-vessel.
O — Signifies foundering or capsizing of a sailing-
vessel.
↑ — Signifies foundering of a steam-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.

