1907.

NEW ZEALAND.

MARINE DEPARTMENT

(ANNUAL REPORT FOR 1906-7).

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

My Lord,---

Marine Department, Wellington, 31st July, 1907.

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

I have, &c.,

J. A. Millar,

Minister of Marine.

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

Sir,—

Marine Department, Wellington, 25th May, 1907.

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

Engagement and Discharge of Seamen.—This work has been carried out in a satisfactory manner at the various ports, and appended is a return showing the number of seamen engaged and discharged, and the fees received at the mercantile marine offices. The increase of work has necessitated the appointment of a clerk in the Dunedin office, and, owing to increased work, and to Captain Atwood, of the Auckland office, being appointed a Surveyor of Ships to enable him to attend to survey work, a clerk has been appointed in that office.

Appended are returns showing the accidents to seamen, and the amounts paid to disabled seamen under section 119 of "The Shipping and Seamen Act, 1903." In order that there may be a record of accidents to persons other than seamen who are employed in connection with ships, the Superintendents of Mercantile Marine at the various ports have been instructed to report to this Department all that come under their notice, and the police have been instructed to advise the Superintendents of those of which they have knowledge. It is not at present compulsory on the employers of such persons to report these accidents to the Superintendents, and, in order that the record may be a complete one, it would be advisable to make it compulsory by making provision for it in the Bill which is being prepared to amend "The Shipping and Seamen Act, 1903."

Proceedings have been taken and fines imposed for breaches of the law relating to seamen in the following cases—viz., the master of the s.s. "Perthshire," the master of the s.s. "Ngunguru," the master of the s.s. "Rippingham Grange," the master of the s.s. "Tasman," and the master of the scow "Ngaru," for carrying seamen to sea without entering into an agreement with them. In a prosecution against the Union Steamship Company for employing two men on the "Wainui" without putting them on the articles a conviction was recorded, and the company was ordered to pay costs; and in another case the master of the "Wainui" was fined for proceeding from Greymouth to Onehunga with one man short of the number required by the Act. The master of the s.s. "Storm" was convicted and ordered to pay costs on a similar charge. A man named Robert Dixon attempted to ship at Auckland with a discharge which he had altered from ordinary to able seaman, and proceedings were taken against him for making the alteration, which resulted in his being convicted and ordered to come up for sentence when called upon.

to able seaman, and proceedings were taken against him for making the alteration, which resulted in his being convicted and ordered to come up for sentence when called upon. *Examination of Masters and Mates.*—The report of the Principal Examiner is appended hereto. For certificates of competency 311 persons passed their examinations, and 137 failed. Of those who passed 175 were masters, mates, and engineers of sea-going ships; 64 were masters and engineers of steamships plying within restricted limits; 5 were masters of fishing-boats and of cargo-boats up to 25 tons register; 1 was master of a fishing-boat up to 5 tons register; 1 was master of a sailing-vessel plying within restricted limits; 20 were engineers of sea-going ships propelled by oil-engines; 40 were engineers of similar vessels plying within restricted limits; and 5 were marine engineers. Certificates of service have been granted to 387 masters and 22 engi-

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neers under section 27 of "The Shipping and Seamen Act, 1903," as amended by "The Shipping and Seamen Act Amendment Act, 1905." The time within which applications for these certifi-cates could be made expired on the 18th July last, and therefore there will be no more of them issued.

The regulations for the examination of masters and mates have been amended and consoli-

dated, and the regulations for the examination of engineers are now under revision. Captain Atwood, Assistant Superintendent of Mercantile Marine at Auckland, has been appointed an Examiner of Masters and Mates to assist in the examination work at that port, and Captain Goertz has been appointed an Examiner of Masters of fishing-boats up to 5 tons register at Tauranga. There are a good many fishing-boats at that port, and this appointment will do away with the necessity of candidates having to go to Auckland for examination.

It may be of interest to mention that one of the persons who obtained a certificate of com-petency during the year was a woman, Miss J. A. McKegg, of Henley, having passed the necessary examination, and obtained a certificate as engineer of a restricted-limit vessel propelled by gas, oil, fluid, electricity, or other mechanical power than steam. This is the first instance in which the Department has granted a certificate to a woman.

Tables showing the persons who have received certificates, and the classes and grades of the certificates, are appended.

Registration of Shipping.-Appended are tables showing the vessels registered in New Zealand, and the number of men and boys employed in them.

Survey of Ships.—Certificates have, during the year, been granted to 263 steamers, 52 oil-engine vessels, and 14 intercolonial sailing-vessels. A return of such vessels is appended. As regards sailing-vessels, those engaged solely in the coastal trade are not subject to compulsory inspection, and I would again urge that the law should be altered to provide that all sailing-vessels shall be surveyed annually. This would tend to the safety of both life and property.

Mr. Robert Duncan, who was previously Principal Engineer Surveyor, has been appointed Chief Surveyor of Ships under "The Shipping and Seamen Act, 1903," and it has been decided that the survey of the deck and deck equipments, &c., of steamers and sailing-ships which undergo periodical survey is to be carried out by the Superintendent of Mercantile Marine at Dunedin and by the Assistant Superintendents at Wellington and Auckland.

The life-saving appliances rules have been amended to provide that it shall not be necessary to carry a lifeboat in the case of home-trade sailing-ships up to 100 tons gross, and steamers up to 200 tons gross which are employed in landing and shipping cargo on and from beaches and which carry a surf-boat properly equipped and provisioned. This alteration was necessary, as the vessels must carry surf-boats for their work, and it was found to be practically impossible for them to carry lifeboats as well. A further alteration has also been made, providing that fishing and trawling vessels which do not carry passengers need not carry a lifeboat if they carry an ordinary boat fit to carry all persons on board.

Regulations have been made as to the equipments to be carried by home-trade sailing-ships and sailing-ships plying within restricted limits, and also to insure that sailing-ships bound to Australian ports shall carry sufficient provisions for the voyage. A warrant has been issued declaring that vessels propelled by oil, gas, fluid, electricity, or any mechanical power other than steam shall be subject to the provisions of the Act relating to steamships.

It is sometimes found that there are flaws or other defects in the shafts of steamers which are not bad enough to require the shaft to be replaced by another. These can be watched by our Surveyors in the case of steamers trading within the colony, and in the case of those trading to oversea ports instructions have been given that Surveyors are to issue to the master a document setting forth the nature of the flaw, the method taken to repair it, and any conditions that should be observed at any port of call. This Department will, at the same time, be supplied with particulars, and advised of the vessel's destination, and of any intermediate ports of call in order that the authorities at these ports may be advised of the position to enable them to keep an eye on the shafts.

Prosecutions have been instituted and fines imposed in the following cases-viz., the owner of the s.s. "Paiaka," for sending the vessel to sea without having her surveyed for a certificate; the owner of a launch at Hokianga, for not carrying life-belts; the master of the s.s. "Rob Roy," for carrying sheep on deck without a license; the masters of the s.s. "Kopuru" and "Tangihua," for going beyond the limits allowed by their certificates; the master of the schooner "Joseph Sims," for not furnishing a certificate that his vessel was ballasted, and the ballast stowed as required by the regulations; and the owners of the s.s. "Eagle" for carrying more passengers than allowed by her certificate. An inquiry was instituted under section 239 of "The Shipping and Seamen Act, 1903," into a charge made against the master of the s.s. "Squall" for a breach of subsection (4) of section 203 of the Act in not rendering assistance to the s.s. "Muritai" when the latter vessel was making distress-signals off Manukau Bar, but the case fell through because the "Squall" was not registered in New Zealand, and the Act only makes it an offence if the vessel which does not render assistance in such a case is registered in the colony. It would be advisable to alter the law so as to enable an inquiry to be held in the case of the master of any vessel who fails to render assistance to a vessel in distress.

Deck-cargo .--- The regulations have been amended as regards the quantity of cargo, especially timber, that may be carried on deck by sailing-vessels built for carrying large deck loads, and to enable home-trade steamships and steamships trading between New Zealand and the Chatham Islands to carry such a number of live-stock on deck as a Surveyor, after inspection of the vessel, is satisfied may be carried with safety to the ship and the people on board.

Ballast.-Regulations have been made providing that the master of every British ship shall see that his vessel is properly ballasted, and that material likely to shift is secured by proper shifting-boards, and power is given to detain a ship which is improperly or insufficiently ballasted.

Wool Fires Commission .- In consequence of the occurrence of fires on ships loaded with wool and flax, a Commission was appointed in August last to inquire into and report on the cause of fires on ships whose cargo is wholly or partly composed of wool, flax, tow, or other combustible material. The Commission consisted of Dr. A. McArthur, Stipendiary Magistrate, Wellington, who was Chairman, and Mr. W. G. Foster and Captain H. S. Blackburne. The Commission made exhaustive inquiry and took a great deal of evidence in various parts of the colony, and its report has been received, and will be presented to Parliament.

Coastal Dangers.—A vote was taken last session to establish a marine survey, and Commander Sinclair, R.I.M., of the Indian Marine Survey, was engaged for the work As he con-sidered that the s.s. "Hinemoa" and "Tutanekai" were not suitable for the survey, application was made to the Admiralty for one of three naval sloops which were laid up at Hong Kong, but a reply was received expressing regret that there were no suitable vessels available. The only vessel in the colony which Commander Sinclair considered could be made suitable was the training-ship "Amokura," but as it would cost about $\pm 5,000$ to make her fit, and as her use for the survey would have interfered with the training of boys for the sea, owing to there being no other suitable vessel for a training-ship available, the Government did not see its way to allow her to be used for survey work. Under these circumstances it has been decided not to proceed with the establishment of the survey at present.

The buoys marking coastal dangers have been overhauled and cleaned by the "Hinemoa." and are now in good condition. The Wigham light on Jackson's Head beacon went out on several occasions during the year, and the Department is now testing an acetylene-gas light to see whether it is reliable enough to justify its being substituted for the present light. The New Zealand Nautical Almanac was issued in December last, and has sold well. Its

value is becoming so well known that booksellers in Australia now obtain copies for sale there.

Wages and Effects of Deceased Seamen .- The estates of 52 seamen, amounting to £364 13s. have been dealt with during the year, and the sum of £307 1s. 2d. has been paid to relatives and other claimants. A list of the estates is appended.

other claimants. A list of the estates is appended. Wrecks and Casualties.—Tables showing casualties to ships and an analysis thereof are attached. Those on the coasts of the colony numbered 90, representing 32,166 tons register, as compared with 55, of 29,601 tons register, in the previous year. The total wrecks within the colony were 15, of 3,801 tons register, as compared with 6, of 1,686 tons, in the previous year. The total number of lives lost was 39, as compared with 22 last year. Of these 38 were within the colony—viz., "Ronga," 6; "Sir Henry," barquentine, 4; "Aotea," auxiliary schooner, 11; "Haeremai," scow, 5; "Rangi," scow, 1; "Sterling," s.s., 1; "Togo," s.s., 1; "Akitio," oil-launch, 2; "Medora," 1; "Waikonini," scow, 1; "Kotiti," s.s., 1; "Kahu," s.s., 1; "Kassa," scow, 1; "Tui," steam-launch, 1; and "Surrey," s.s., 1. The attached wreck chart shows where the casualties occurred.

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Weather and Meteorological Office .-- The Meteorological Office, which had until then been connected with the Museum, was, on the 1st December last, amalgamated with the Weather Reporting Office, the work of both offices being placed under the control of Captain Edwin, with the Rev. Mr. Bates, who has been carrying on the meteorological work under the Museum Department, as his assistant. Weather forecasts are now sent to fishing ports, and are posted up for the information of fishermen. The question of issuing an evening weather forecast in addition to the morning forecast, and the publication of a monthly bulletin giving information as to rainfall and other meteorological information, is under consideration. This would involve an increase in the staff of the office, but I think that the benefit that would be derived from the publication of a second

forecast and of such bulletin would justify the necessary expenditure. Government Steamers.—The "Hinemoa" has performed the work of attending to lighthouses and of overhauling and relaying buoys. She has also visited the Auckland, Campbell, Antipodes, Bounty, and Kermadec Islands to search for castaways, and to examine the depots Antipodes, bounty, and Kermadee Islands to search for castaways, and to examine the depots of provisions and clothing. On her last northern trip a depot was built on the largest of the Three Kings, and a supply of provisions, &c., placed in it. A notice to mariners regarding its establishment and position has been published. The "Tutanekai" has been again placed under the control of this Department. In July last she made a search for the missing vessel "Haere-mai," and was put into regular commission in October, since which time she has been employed on various services, including a trip to the Southern and Chatham Islands with the Governor, during which the depots for castaways were examined. A new oil-launch for her has been built by Logan Bros., of Auckland. A regulation has been made to govern the leave of absence to be granted to the masters and officers of the steamers, and an increase has been made in the remuneration of the deck officers, so as to give them the same rates as agreed upon between the Merchant Service Guild of Australasia and outside owners.

Training-ship.—The Government having decided that the s.s. "Amokura," formerly H.M.S. "Sparrow," which was purchased from the Admiralty for a training-ship, should be transferred from the Defence to this Department, this was done in February last, and the first boys were taken on board on the 12th March last. The first lot of boys selected numbered twenty-four, and these were all on board within a fortnight of the date the first one joined. Three of these have since left the ship. The ages of those on board are from 12 years 7 months to 15 years 11 months. Two are under $13\frac{1}{2}$ years, five between $13\frac{1}{2}$ and 14, one between 14 and $14\frac{1}{2}$, seven between $14\frac{1}{2}$ and 15, five between 15 and $15\frac{1}{2}$, and one between $15\frac{1}{2}$ and 16 years.

The conduct of the boys is satisfactory; they are willing and eager to learn, and are making good progress. There are at present four instructors on board, and the boys are taught every-thing necessary to qualify them to join the merchant service. They are also trained in the use of the rifle.

His Excellency Admiral Sir Wilmot H. Fawkes visited the ship on the 7th instant, and inspected the boys and the arrangements on board.

The vessel is rather small for a training-ship, as she will not accommodate more than about sixty boys. She is at present covered with awnings fore and aft, but even with these, when the weather is bad for several days, things become damp and remain so until the weather clears, as there is no proper drying-room. The want of a proper wash-house, a schoolroom, and a room in which boys could be isolated in case of sickness is much felt. It would, however, be difficult, if not impossible, to provide these conveniences owing to the size of the ship.

Captain Hooper, R.N.R., is commander of the vessel, and it is proposed to appoint a chief officer and chief engineer shortly. The other officers and the seamen and firemen required to man the ship at sea will be employed when she is ready to go to sea. It is proposed that short trips shall be made after the winter, and when the boys, whose number will be considerably increased by that time, have had a little sea experience, it is intended to make longer trips, and visit other ports.

Lighthouses.—All the lighthouses have been maintained in an efficient manner. They have been inspected by Captain Bollons when the "Hinemoa" called at them with oil and stores, and I have inspected those at Cuvier Island, Bean Rock, Ponui Passage, Tiri Tiri, Moko Hinou, Cape Maria van Diemen, Kaipara, Manukau North and South Heads, Cape Egmont, Godley Head, Jack's Point, Nelson, and the leading-lights at Tory Channel.

Considerable repairs have been found to be necessary to Ponui Passage tower, and these are now being carried out.

A large landslip occurred at Cuvier Island in February last, burying part of the track, gardens, and fences, and injuring the outbuildings.

gardens, and fences, and injuring the outbuildings. Cape Egmont: New guttering, &c., has been put on the dwellinghouses. A new telephone has been put in the tower, and it has been decided to place the lighthouse in direct communication with New Plymouth after 5 p.m.

with New Plymouth after 5 p.m. Kaipara Head: The landing-store has been moved further back, a new cart and coal shed has been erected, and the telephone-line between the lighthouse and Pouto has been renewed.

French Pass: A new boatshed has been erected. The beacon which marks the end of the reef opposite the lighthouse, and on which a light is shown, is in a bad condition, and should be rebuilt without delay.

Cape Campbell: A new flagstaff has been erected.

Akaroa Head: Telephones have been substituted for the electric bells between the tower and dwellings.

Nugget Point: A contract has been let for the supply of timber for a new house.

Dog Island: Telephones have been substituted for whistles between the tower and the dwellings.

An incandescent burner has been installed at Pencarrow Head Lighthouse, which has greatly increased the power of the light on a less consumption of oil. A burner of this kind has been ordered for Stephens Island, and it would be advisable to make provision in this year's estimates for similar burners for some of the other lighthouses, as there is no doubt that they give a much better light, and enable a considerable saving to be made in the cost of oil.

No new lighthouse has been erected since the completion of that at Kahurangi Point. To complete the proper lighting of the coasts of the colony several more will be required, and I recommend that provision for one should be made in this year's estimates. The North Cape, or Cape Brett, on the southern side of the Bay of Islands, appears to be the place where a light is most urgently required, as there is now no light between Cape Maria van Diemen and Moko Hinou. Of these two places I think the North Cape is the place where a light is most wanted.

Owing to the impossibility of landing at Kahurangi Point when there is any sea on, the "Hinemoa" has often been delayed for some time when going there with oil and stores, and in order to obviate such delay, arrangements have been made for the small steamer which trades between Westport and Karamea to tender this lighthouse in future. Being near the place she can choose suitable weather for landing.

During the year one lightkeeper has retired on pension, one has retired on compensation for loss of office, one has been transferred to the harbour service, and five have resigned. Eight new appointments have been made.

The amount of light dues collected during the year was $\pounds 32,454$ ls. 4d., as compared with $\pounds 29,443$ during the previous year. Attached is a statement showing the amount received at each port.

Fog-signals.—The explosive signals at Pencarrow Head and Taiaroa Head have worked satisfactorily, but a good deal of repair has had to be made to the former. It has been decided to establish signals at Godley Head and Cuvier Island, and the necessary apparatus, &c., has been ordered from England. That for Godley Head will be an automatic signal, similar to those at Pencarrow and Taiaroa Head, but the apparatus for Cuvier will be one for attachment to the tower, and each cartridge will be attached and fired by the keeper on watch without his having to leave the tower.

Harbours.—The harbours under the control of the Department have been worked in an efficient manner, and the buoys and beacons in them are in good order. Mr. W. A. Thom, Clerk to the Court at Tauranga, who was appointed Harbourmaster at that place a few years ago to give him power to regulate the times and places of shipping and landing cargo, has resigned the latter position, as he has not time to perform certain other duties which it has become necessary should be carried out by the Harbourmaster, and Mr. A. F. Tunks has been appointed to the position. Mr. F. Edwards, Railway Manager, who was also Harbourmaster at Picton, having been moved from that place, the appointment of Harbourmaster has been conferred upon Mr. J. W. Jones, Railway Wharfinger.

The s.s. "Hinemoa" has overhauled most of the buoys, and has rebuilt the beacons on Stony Point, Tauranga. A new mooring-buoy has had to be laid down in Milford Sound, as the one which was there broke adrift, and it was not large enough for the deeper water in which it became necessary to moor the buoy. Tenders were invited for the removal of some rocks which impede the navigation of Helensville Creek, Kaipara, but those received were too high, and fresh tenders have been called for. Tenders were also invited for the erection of a beacon in Kaipara River. One was received, but as it was much above the estimated cost it was declined, and the work is now being carried out by the Public Works Department. The deposit of nightsoil into the Wairoa River at Dargaville has been stopped. The master of the barque "Casablanca" was proceeded against and fined for going up the Wairoa River without hoisting the powder flag.

Regulations for fixing places for the landing and shipping of explosives in the harbour are now being prepared.

The removal of the rocks from Manukau Harbour a short distance below the wharf has enabled vessels to leave and reach the wharf earlier and later on the tides.

It having been found that flax-mill refuse which was put into the Manawatu River from the mills was becoming an impediment to navigation by causing the formation of shoals in the river, action has been taken to prevent the mills allowing the refuse to go into the river in future.

A general harbour regulation has been made providing that no person shall place any tree, log, or other obstruction in any harbour, or navigable river or lake, or on the shore or bank thereof, in such a position or manner as to cause or be liable to cause loss of life or injury to any person, or damage to any vessel or to impede navigation. The necessity for this regulation arose through persons felling trees on the banks of navigable waters, and leaving them in such a position that a part of them extended over the banks.

A return showing the plans of harbour-works approved by the Governor in Council, and of the licenses granted for the occupation of sites for wharves and other works is appended.

The sum of £2,206 0s. 8d. has been collected for pilotage and port charges in respect of harbours under the control of the Department, as compared with £2,000 1s. 3d. collected during the previous year.

Proceedings were taken against a flax-miller for putting tow into the Taheke River, and he was fined £1 and costs.

Fisheries.—The regulations relating to fish and oysters have been consolidated, which is of great advantage to fishermen and fishery officers. A return showing the number of fishing and oyster boats registered and licensed at the various ports at the end of December last is appended. It will be seen that the number registered was 1,106, and licensed 995. In the previous year there were 1,085 registered and 1,068 licensed.

Parliament having last year voted the sum of £2,500 for experimental trawling, arrange-ments have been made with the New Zealand Trawling and Fish Company, of Napier, for a three-months charter of the new trawler "Nora Niven" for the work. Mr. Ayson, Chief Inspector of Fisheries, will be on board the vessel, and will direct where the trawling is to be done. The vessel is provided with a refrigerating-chamber, which will enable the fish caught to be kept until she comes into port, when they will be sold by the owners of the vessel, as the Department has arranged for them to take them at the market price.

During last year the Department collected a large number of brown and rainbow trout ova for acclimatisation societies.

The manufacture of fertilisers from fish is now carried on at three places in the colony-viz., Whangamumu, Matakana, and Moeraki. This branch of industry is an important one, and is deserving of every encouragement. It also leads to the destruction of large numbers of sharks, dog-fish, &c., which now infest some of the fishing-grounds, and which, up to recently, have been allowed to increase unmolested to the great destruction of market fish. The Chief Inspector recommends that a substantial bonus should be given on all fish fertilisers of a standard quality which are manufactured in the colony.

The question of allowing the sale of sea trout, which in some parts inhabit the coastal waters in large numbers, is one that requires consideration. These fish are plentiful along the east coast of the South Island, from Pegasus Bay to Tewaewae Bay, south of the Bluff, and there is no ques-tion that they are taken by fishermen when netting for indigenous fish, and that they are illegally sold. With restrictions as to locality, season, and size their sale might be authorised without leading to river-fish being illegally sold.

Seals .- The close season for seals has been extended up to the 30th June next year.

The Chief Inspector of Fisheries reports that the fish-supply obtained from the local fishinggrounds in the Wellington District during the year has not on the whole been equal to the supply in 1905-6, and that it appears that the quantity of blue-cod obtainable is decreasing year by year. A new cod-ground which was discovered in Cook Strait less than two years ago, and which yielded a large quantity of fine fish for a time, is now giving a decreasing quantity. This fish is the one A new coa-ground which was discovered in cook strait less than two years ago, and which yielded a large quantity of fine fish for a time, is now giving a decreasing quantity. This fish is the one which is in the greatest demand for export to Australia, where there is a ready market for more than can be supplied. Trawling is being carried on in a small way in Cloudy Bay by means of oil-launches. The steam trawler "Phantom," which worked in that bay for a considerable time, has gone to Napier. There has been no trawling in Blind Bay for a considerable time, and the Chief Inspector considers that it is a matter of surprise and regret that such a large extent of splendid trawling-ground with a daily steam-service to Wellington should not be utilised.

The following is the substance of reports received from local Inspectors of Fisheries:-

At the Bay of Islands there has been a fair supply of fish, except mullet. The principal kinds of fish taken have been schnapper, flounders, crayfish, and garfish. The Inspector reports that mullet are decreasing every year, and recommends that there should be a close season for this fish. In 1905 there were four mullet-canning factories between the Bay of Islands and the North Cape, and there is now only one. Sharks have been very numerous and troublesome to

fishermen. There are fifty-one fishing-boats belonging to the Bay of Islands, which employ 164 men.

In the Auckland District the supply of fish has been generally equal to the demand. Schnapper have been plentiful—in fact, they have been so plentiful since October last that dealers have had to limit the quantities taken from fishermen. Flounders were equal to the demand last winter, and have been very abundant during the summer and autumn. Mullet have been very scarce. It would appear that the time has now arrived when there should be a close season for this fish. Kahawai, trevalli, and gurnard have been abundant. There is now a good deal of fishing done from Tauranga, and there is a fish-curing establishment at that place. There are five such establishments at Auckland, and one at Kawau Island. In Manukau Harbour the principal fish caught are schnapper, flounders, and mullet, of which there has been a fair supply.

At Hokianga the principal fish caught are schnapper, mullet, kahawai, flounder, whitebait, kingfish, rock-cod, and herring, but they have been scarce during the year. The Waterfall Canning Factory has closed down during the year owing to the scarcity of fish. There are thirteen smokehouses in the district, every licensed fisherman having one. Since the closing of the oysterbeds there has been a marked improvement. The young oysters are coming on well.

beds there has been a marked improvement. The young oysters are coming on well. In Kaipara Harbour muliet, flounders, and schnapper are caught, and they have been very plentiful during the year, mullet especially so. There is a canning-factory at Batley and a smokehouse at Sail Point. There are twenty-four licensed fishing-boats in the harbour, and four oyster licenses were issued.

The industry in Hawke's Bay is in a flourishing condition. There are ten trawlers engaged in fishing, and they give employment to forty men.

The industry appears to be in a languishing state in Canterbury. Two trawlers have been withdrawn from fishing, and the number of fishing boats is decreasing. The principal places from which fish are obtained are Kaikoura, Lyttelton, Akaroa, and Kaiapoi. There is one smokehouse each at Christchurch, Lyttelton, and Kaikoura.

The Inspector at Dunedin reports that in all old-known fishing-places the catches have been good. In all shallow bays flounders and small fish are obtained in large quantities, and groper, kingfish, schnapper, barracouta, blue and red cod, tarakihi, trevalli, and moki are found along the coast from Oamaru to Chaslands. The difficulty of transport is a great drawback to the industry in out-of-the-way places. There are 140 boats employed in the district, 59 of which are propelled by oil-engines. There are 367 persons actually employed in fishing; there are 37 retail shops, which give employment to 193 persons; 120 persons are employed in fish curing and preserving works, 105 in fish-supper rooms, and there are 73 fish-hawkers. All the fish freezing and preserving works have been inspected, and found to be clean and sanitary in every respect. An oil and manure works has been established at Moeraki, where fish-offal is treated in a scientific manner, with the result that an extensive trade is carried on with farmers and others. The oil obtained is used by manufacturing chemists, and for feeding young cattle.

The principal fish caught on the Bluff fishing-grounds, which include Foveaux Strait, Stewart Island, Ruapuke, and other islands in the strait, is blue-cod, which are taken with hook and line, and flounders, which are netted in the harbours and bays. Sixty boats, a good many of which are fitted with oil-engines, are engaged in fishing, and some of them have refrigerators. There are five fish-freezing plants on the mainland and on Stewart Island, and 6,329 cwt. of frozen fish, valued at £9,552, was exported during the year.

valued at £9,552, was exported during the year. Mr. J. Munro, of Whangarei, and several members of the Police Force in various parts of the colony have been appointed Inspectors of Fisheries, so as to give them the necessary power to enforce the provisions of the Sea-fisheries Acts and regulations.

As poisonous fibres of wool, &c., from a woollen-mill were killing the fish in the Cam River, the Department required the company owning the mill to take steps to prevent the poisonous matter going into the river, and this has been done by putting strainers in the mouths of the drains.

Imported Fish.--Another shipment of 500,000 quinnat-salmon ova and 2,000,000 whitefish ova has been obtained from the United States. Mr. Ayson, Chief Inspector of Fisheries, proceeded to San Francisco and brought the ova to the colony, and, considering the delay and difficulties which occurred on the voyage from San Francisco owing to the breakdown of the steamer, the shipment was very successful. Appended is a report on it by Mr. Ayson.

Whilst in California Mr. Ayson endeavoured to obtain a shipment of young striped bass, but was not able to do so. It is, however, hoped that on a future occasion we shall be able to obtain a shipment of this valuable food fish.

There appears to be no doubt that the introduction of salmon into the colony has been successful. As stated in my last year's report, quinnat salmon had been caught in the Waitaki River. This year fish which are undoubtedly quinnat salmon have been caught in the Hakataramea River, up which they are going to spawn, and the Manager of the Salmon Station reports that he has seen large numbers of them in the river. Fish which were believed to be sockeye salmon (*Oncorhynchus nerka*) were taken in Lake Ohau. Specimens were sent to Sir James Hector, who reports that they are without doubt young sea-run sockeye. A copy of his report is appended. Three hundred thousand sockeye ova were imported from Canada in 1902, half of which were hatched and liberated in the streams flowing into the head of Lake Ohau, and the other half were hatched at the Hakataramea Salmon Station and liberated in the Hakataramea and Auhiriri Rivers, tributaries of the Waitaki.

During the year the following fish have been liberated from the ponds at Hakataramea--viz., 11 five-year-old sockeye; 7 four-year Atlantic, and 62 three-year, 21,281 two-year, and 224,647 one-year quinnat salmon. At the end of March there were in the ponds 50 four-year Atlantic salmon, and the following quinnat salmon: 169 three-year, 398 two-year, 19,793 one-year, and 476,027 fry. Since that date 290,000 quinnat fry have been liberated. So far the Department has no proof that the attempt to introduce the American whitefish has proved successful, but there have been reports that persons have seen strange fish in the lakes in which they were liberated. It would be advisable to net the lakes during this year to see whether the fish are in them.

Portobello Marine Hatchery.—A report received from the Hatchery Board shows that during the year two shipments of live lobsters were received from England by the s.s. "Kaipara," but that they have been only a partial success. The Board, however, considering the experience gained warranted such a course, has arranged for another shipment by the same vessel. There are now nine lobsters alive and healthy in the ponds at the hatchery.

The Board has been in correspondence, direct and through the High Commissioner, with various authorities in the United Kingdom on the subject of sea fish, their mode of propagation, transport, &c., and Dr. Allen, Scientific Superintendent at the Marine Biological Laboratory, Plymouth, and Dr. T. Wemyss Fulton, Scientific Superintendent to the Scottish Fisheries Board, are now engaged in making experiments in regard to the above matters in the interests of the Board.

Several millions of ova of New Zealand food fishes, principally soles and flounders, have been fertilised and hatched out at the station and liberated in Otago Harbour. In connection with this, the Board states that it is under considerable obligation to Mr. F. J. Sullivan, who has allowed the members of the Board and the hatchery curator the use of his trawling steamers and appliances, without which very little could have been done in the way of obtaining deep-sea fish and their ova for observation.

The station has three large salt-water ponds, a concrete tank holding 17,000 gallons, a suitable building containing hatchery, laboratory, aquarium, workshop, and other conveniences, a cottage for the curator, and a jetty. There is also a full supply of the most modern hatching-boxes, jars, and other scientific and practical appliances, together with means for filling, emptying, and aerating the ponds and tanks, and a very complete system of water-supply. The laboratory has been fitted with the necessary apparatus for making and recording observations.

The High Commissioner in London having been requested to make inquiry as to the feasibility of introducing herring and one other kind of fish, either cod, haddock, or turbot, into the colony, he has arranged with the Fishery Board of Scotland for Professor T. Wemyss Fulton, its scientific Superintendent, to make experiments as to whether the development of herring ova can be retarded sufficiently long to enable them to be brought to the colony. If possible he will also arrange for similar experiments to be made with either cod, haddock, or turbot ova.

Proceedings were taken against a person for trawling within prohibited limits outside Lyttelton, when he was convicted, but no fine was imposed. The Magistrate stated that if the defendant came before him again on a similar charge, and with a similar defence, which was that he was not trawling, but was running into the bay to lift the trawl net, he would, if the offence was proved, impose the full penalty. Six persons have been prosecuted for not painting the numbers of their boats on their mainsails. Five of them were convicted and fined, and one case was dismissed owing to there being insufficient evidence. Six persons have been fined for using set-nets in the Aparima River. Two persons have been fined for assaulting an Inspector of Fisheries, and two for stalling. *Oysters.*—The oyster-beds in the Auckland and Northern fisheries have been inspected by the

Oysters.—The oyster-beds in the Auckland and Northern fisheries have been inspected by the Chief Inspector of Fisheries in company with the local Inspectors, and as the result of his inspection and report it has been decided to keep all the beds in the Northern fishery, which extends from Whangaruru Harbour to the North Cape, closed this season, and open only a portion of the Auckland fishery. Some of the parts of the Auckland fishery which were opened last year were so denuded of oysters that it will take some years for the beds to recover. It is found practically impossible, under the present system of picking, to prevent the beds being overpicked, and the only effective way of preserving them appears to be for the Department to undertake the picking itself. If this were done the beds would be conserved, and a regular supply of oysters would be available for the public.

The annual fee for a license to take oysters in the North Island has been increased from $\pounds 1$ 10s. to $\pounds 2$.

There have been a few prosecutions for illegally taking oysters in the Auckland and Northern fisheries, and fines have been imposed.

The oyster-beds in Foveaux Strait are yielding a good supply of oysters. The quantity exported to Australia from these beds during the year ended the 31st December last was 326,655 dozen, valued at $\pounds 2,728$.

Aquarium.—The Department had an aquarium at the New Zealand International Exhibition at Christchurch. The building was constructed and fitted under the direction of Mr. L. F. Ayson, Chief Inspector of Fisheries, and was under his charge for three weeks after the opening, when, as he had to go to San Francisco for fish-ova, it was placed in charge of Mr. C. L. Ayson, Manager of the Hakataramea Salmon Station. It proved to be of great interest, and was visited daily by a large number of people.

The main building was 24 ft. by 60 ft., with a manager's office and attendant's room attached. The accommodation for live fish consisted of sixteen wall tanks, two floor stand tanks, seven balanced fresh-water aquaria jars, floor pool, also hatching-boxes in which were exhibited trout and salmon fry. The aquarium wall tanks were designed and erected after the plan of the most recently constructed American aquaria, and consisted of ten with 60 in. by 30 in. glass front, four 48 in. by 24 in., and two 42 in. by 24 in. respectively. In these were exhibited Atlantic, quinnat, and landlocked salmon of various ages; Lock Leven, English brown, rainbow, American brook, and Machinaw trout: perch, tench, carp (silver and golden), catfish, and eels.

A variety of the beautiful Japanese goldfishes was kindly sent from Tokio by Dr. T. Nishi kawa, who visited the colony a few years ago, and these were exhibited in two large floor-stand

tanks. There also came with these some beautiful specimens sent by Count Yanagisawa from his private ponds.

In the floor pool (8 ft. by 15 ft., 2 ft. 6 in. deep) large brown and rainbow trout were exhibited.

The water-supply was obtained from a deep strata artesian well $(422\frac{1}{2}$ ft.), which was put down specially for the aquarium by Messrs. J. W. Horne and Co. The flow of water from the well was about 3,000 gallons per hour, and was delivered into a distributing-tank at a height of 22 ft. from the ground. The average temperature of the water was 54° Fahr., and it proved to be very suitable for aquarium work, as the fish remained in healthy condition throughout the term of the Exhibition.

The other exhibits consisted of American whitefish and shad hatching jars, and tidal boxes for hatching sea-fish eggs, in operation; mounted specimens of English, American, and Canadian market and sport fishes, and also New Zealand trout; models of steam trawlers, nets, &c., and a variety of fish products.

In conjunction with the aquarium, three hair seals and a sea-lion, brought by the Government steamer "Hinemoa" from Campbell Islands, were on exhibition. They were confined in an enclosure which took in a portion of Victoria Lake, and, although they were kept entirely in fresh water, and at times subjected to a very high temperature, yet they continued healthy, and were liberated at the close of the Exhibition in better condition than when they arrived from their native home in the southern islands. I have, &c.,

The Hon. the Minister of Marine, Wellington.

GEORGE ALLPORT. Secretary

Wellington, 4th April, 1907.

Beere ary

The CHIEF INSPECTOR OF FISHERIES to the SECRETARY, Marine Department.

SIR,---

I have the honour to supply the following report on the recent shipment of fish-eggs brought over by me from America. On arrival at San Francisco I communicated with the Commissioner for the Bureau of Fisheries at Washington, and within a few days information was received from him that all the fish-eggs would be forwarded to San Francisco in time to ship by the "Sierra," sailing from there on the 7th February.

The whitefish eggs and also the lake-herring eggs were despatched from east on the 29th January, and arrived at San Francisco on the 4th February. Mr. Lambson arrived in San Francisco with the quinnat-salmon eggs on the morning of the 6th. The whitefish and salmon eggs were very nicely packed, and were in splendid condition on arrival. All the fish-eggs were placed in the upper starboard cool-chamber of the "Sierra" on the afternoon of the 6th February. At the same time I also put on board $1\frac{1}{2}$ tons ice for use on the voyage.

The shipment consisted of nine cases of quinnat-salmon eggs and nine cases of whitefish eggs for your Department, four cases lake-herring eggs for the Tourist Department, one case of 50,000 Atlantic-salmon eggs for the Northern Tasmanian Anglers' Association, and one case Atlantic-salmon eggs for the Christchurch Acclimatisation Society.

The Commissioner of Fisheries at Washington wired on the 2nd February that he found that no landlocked-salmon eggs could be supplied in time to go by the "Sierra."

The "Sierra" sailed from San Francisco at 12 a.m. on the 8th February.

The temperature of the cool-chamber in which the eggs were stowed was kept at an average of 36° Fahr. until the 18th, when, owing to an accident to the steamer's boilers, the engines and refrigerating machinery were stopped for twelve hours. During this time the temperature of the chamber rose to 48°, but with the use of the ice I put on board at San Francisco I was able to keep the temperature of the inside of the egg-cases from rising above 42°. When the ship got under way again on the 19th I had the temperature of the chamber lowered to 34°, and this temperature was maintained until the steamer arrived at Auckland.

Owing to the "Sierra" arriving at Auckland five days late a bad steamer connection was made to Wellington. The eggs had to be kept in cool-storage at the Auckland Freezing Company's Works until Monday, the 4th March, when they were shipped on board the "Takapuna" at Onehunga for Wellington. Arriving at Wellington on the 6th the salmon and half the whitefish eggs (a million) were transhipped on to the "Mararoa," which sailed for Lyttelton that evening. The other half of the whitefish eggs were put into a cool-room at the Fresh Food and Ice Company until the steamer for Greymouth sailed on the 9th.

The quinnat salmon and whitefish eggs for Lake Tekapo went south by the 11.55 a.m. train from Christchurch on the 7th. This train arriving in Oamaru too late to connect with the Hakataramea train, the salmon eggs had to remain at Oamaru until next day, and did not arrive at Hakataramea until the evening of the 8th. They were unpacked next morning, and turned out in first-rate condition (see Mr. Dean's report attached).

The whitefish eggs sent to Lake Tekapo arrived at the hatchery at the head of the lake on the 8th March. They unpacked in very good condition, but a number of these were so close to batching that they hatched out within an hour of being put into the jars.

hatching that they hatched out within an hour of being put into the jars. The whitefish eggs for Lake Kanieri were taken on by me from Wellington in the "Arahura" on the 9th March. Arrived at Greymouth on the morning of the 11th, they were taken on to Hokitika by the morning train, and from there to Lake Kanieri the same afternoon by special convevance. The next morning they were taken across the lake to the hatchery in the Acclimatisation Society's launch, and were all unpacked by 2 o'clock that afternoon. With the exception of three trays this lot unpacked in very good condition, but, like the Lake Tekapo lot, a number of the eggs commenced to hatch out almost as soon as they were placed in the hatching-jars. The quinnat-salmon eggs were thirty-two days on the journey from the hatchery where they were packed in California until they arrived at the hatchery in this colony. The whitefish eggs sent to Lake Tekapo were thirty-nine days from hatchery to hatchery, and the Lake Kanieri white-fish eggs forty-three days.

The number of dead salmon eggs picked out from the time they arrived at San Francisco until their arrival at Auckland was 713, as against 1,072 from last season's shipment. The eggs being close up to hatching on their arrival at Auckland, the handling of the cases in transhipment and the warm weather prevailing on the journey south were responsible for a loss of 3,475.

and the warm weather prevailing on the journey south were responsible for a loss of 3,475. The loss with the whitefish eggs from San Francisco to Auckland was 5,900 this year, as against 9,000 in 1906. The loss from Auckland to the hatcheries was, however, greater than other years, amounting to about 5 per cent., and the loss in hatching would amount to about another 3 per cent., giving rather more than 90 per cent. of fish hatched and liberated from the shipment.

Considering the delay and difficulties experienced on the voyage from San Francisco, and the hot weather experienced at Auckland and on the journey south, the result of this shipment of fish-eggs must be considered very satisfactory.

When I visited the Hakataramea Salmon Station on the 26th the salmon eggs were all hatched out, and all the boxes were full of remarkably vigorous young fish.

In America the Commissioner and other officers of the United States Bureau of Fisheries did everything in their power to assist me. The eggs were splendidly packed, and each lot was forwarded to San Francisco on time.

Mr. H. Stephenson Smith, the New Zealand Government Agent at San Francisco, afforded me every courtesy, and gave me valuable assistance both with the fish-eggs and also in trying to procure a supply of striped bass.

The Oceanic Steamship Company's officers at San Francisco and on board the "Sierra" gave me every assistance in their power, both at their dock-shed at San Francisco and on board the steamer.

The lake-herring eggs for the Tourist Department arrived at San Francisco with a considerable percentage of loss. They gave a lot of trouble on the voyage, dying so fast that, although I worked four shifts a day, two hours a shift, in the cool-chamber, with an assistant, for a good part of the voyage, yet I was unable to remove all the dead eggs, and on arrival at Auckland about 40 per cent. were dead.

The Atlantic-salmon eggs for the Christchurch Acclimatisation Society and the Northern Tasmanian Anglers' Association which I obtained from the Canadian Government were a very fine lot, and arrived in splendid condition.

I have, &c., L. F. Ayson,

Chief Inspector of Fisheries.

Opoho, 26th March, 1907.

The Secretary, Marine Department, Wellington.

DEAR SIR,---

Re Salmon Ova.

I have very much pleasure in reporting the great success of another shipment of Californian-salmon ova.

According to arrangements with Mr. Allport, I met the ova at Oamaru on the 7th March. It came down by the second express from Christchurch, which arrived about an hour late for the Kurow train. When it did not come by the first express I wired the General Manager of Railways, advising the delay of the Kurow train, but no action was taken in the matter, so the ova lay in Oamaru until next afternoon. The weather was sultry, but there was a good supply of ice. On the 8th Mr. Ronayne replied that he presumed that my wire was intended for the Secretary of Marine, who made all arrangements for the transit of the ova. When the train arrived at Hakataramea three out of the nine cases were, with a supply of ice, conveyed to the hatchery. The work of unpacking was commenced early next morning, and before evening the ova were all laid in the hatching-boxes, all of which were full, including twelve boxes erected temporarily outside. The next day the bad ones were all picked out, and numbered 1,158. On the 11th they commenced hatching, which showed they were put in water just in time. On the 12th, 3,475 bad ones were picked out. A large number of these died in hatching, with part of the sac protruding from the egg. The number of dead removed up to the 16th was 13,786. On this date I left, the ova being nearly all hatched and looking well. I should mention that on my arrival at the salmon station I found everything clean and in readiness as usual.

L. F. Ayson, Esq., Chief Inspector of Fisheries.

F. DEANS.

Sir JAMES HECTOR to the SECRETARY, Marine Department.

Petone, 4th May, 1907.

Yours. &c

The Secretary, Marine Department, Wellington.

Re Four Fish from Lake Ohau.

THESE fish are without doubt young sea-run specimens of the blue-back salmon sockeye (properly "saw-qui"), or redfish of Fraser River, and the krasnaia ryba of Japan—two males and two females.

2—H. 15,

Oncorhynchus nerka.

Males I	• • • •	 ••••			Length. In. 19 18	Height. In. 5 4	Weight. Oz. 42 36
Females- III IV	•••	 ····	•••	· · ·	28 23	4 4	$\frac{28}{23}$

The colour in all the specimens is very dark, almost black, with faint grey patches like bruises. The preservative was perhaps too strong. Fins much abraded, especially the tail fins of the males, as if they had been struggling in a rocky stream. Teeth much developed in the males, the snouts being turned upwards, but the hooked character of the adult fish has not yet shown itself. The females have smooth tumid snouts and moderate-sized regular teeth. All spots and markings are very obscure.

Nos. I and III were opened and examined internally. I. Flesh dark-red in colour, and firm in texture, but without fat—in fact, very lean. Stomach empty and shrivelled. Pylorics empty, all the store of fat having been absorbed from them, and also from the rest of the abdominal viscera. The milts formed too well-developed lobes They were quite soft and ripe for the spawning opera-5 in. in length, § in. largest diameter. tions, which evidently had not commenced.

III. Flesh very dark red and dry, stomach and intestines empty, and membranous and pylorics hardly discernible, the whole of the store of fat which accumulates before the fish re-enters the fresh water from the sea having been consumed during its arduous ascent from the mouth of the Waitaki River to Lake Ohau. The ovaries or roes are about one-third of their full size, and the eggs, though quite distinct, are less than one-fifth of the diameter they should have when fully developed, so that they are much less advanced than the milt in the companion male fish, and unless other males arrive later on fecundation may not be effected. Moreover, unless the female fish obtain in the lake an abundance of suitable food they will not be able to recover from their exhausted condition sufficiently to develop the eggs. This latter process requires a large amount of nutritious food, as the roes when fully ripe are equal to about one-fifth of the weight of the fish (in this case would be 5 oz. if fully grown), whereas in their present stage they are only about a thirtieth of the total weight.

a thirtieth of the total weight. These fish are evidently out of their proper season for spawning, as they are too late to be a "fall run," and too early for a "spring run." There are two varieties of the blue-back salmon, the larger and the smaller. The smallest females of the larger at spawning-time weigh 37 oz., while the largest of the smaller kind are only 8 oz. The fish under review, though undersized, must be taken to belong to the larger variety. Great care should be exercised in framing regula-tions for the protection of these fish, founded on searching observation of their habits. These particular fish are so much out of condition that they are not fit either for food or sport; yet, had they been allowed to mature in the course of a few weeks they might have produced about 2 000 they been allowed to mature, in the course of a few weeks they might have produced about 2,000 fertile eggs, which would have been quite sufficient to stock Ohau Lake. It is to be hoped that there are plenty more of them, and that they will not be disturbed, as I look on this take of fish as the most interesting and important event that has occurred in the prolonged effort that has been made to establish a sea-going salmon in New Zealand rivers.

I would like to get information as to the exact date when these fish were caught, and by what bait or otherwise, and also a description of the locality, and if any number of similar fish were seen at the same time.

If any young salmon fry are available they should be released in the lakes and not in the JAMES HECTOR. rivers next season.

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, 1907.

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

The work has been carried out by the Examiners at the four principal ports in a satisfactory manner.

There has been an increase of about 40 per cent. in the number of examinations held in the colony during the last year, but only a small increase in the number of successful passes. The colony during the last year, but only a small increase in the number of successful passes. The principal increase has been in Auckland, where a number of candidates from local vessels have tried for the second mate's foreign-going certificate, owing probably to the increased value of this certificate since "The New Zealand Shipping and Seamen Act, 1903," came into force. This certificate now entitles the holder to serve as either second mate in a foreign-going ship, or as mate of a home trade ressel : but the examination being considerably more difficult than that for home of a home-trade vessel; but the examination being considerably more difficult than that for hometrade mate, the number of failures for this grade has been large. So far no candidates have applied to be examined for the new grade of second mate, home-

trade; the examination for mate, though somewhat more difficult, is still so easy that candidates unanimously decide to try for the higher-grade certificate, which does not require any previous officer's service.

There have been very few examinations for fishing-boat or cargo-vessel master or for restrictedlimits sailing-vessel master, a large number of masters having obtained service certificates immediately after the Act came into force compelling them to have certificates.

The new and additional work in the home-trade examinations which came into force last year has made no appreciable difference either in the number of candidates applying for examination or in the number of passes; the effect of the new work in the examinations should lead to greater care on the part of the officers in determining their distance off different points of land, and will, I trust, tend to educate the home-trade master in the matter of checking the deviation of his own ship's compass by astronomical bearings, instead of trusting too implicitly to the annual adjustment, which is always liable to change.

I would again draw attention to the fact that the law still allows a man with only a riversteamer certificate and one year's service in a harbour, lake, or river to command passengervessels running to all parts of the extended limits, such as between Auckland and Whangarei, and that to save expense an owner of a small passenger-steamer may occasionally be tempted to run in these limits without the requisite experience. The differences existing between the qualifica-tions required for master of sailing-vessels under 25 tons register carrying passengers in river limits and that required for master of river steamers of any size is very marked. The former are required to have four years of service at sea or in extended river limits, and some knowledge of the ship's compass, deviation, and the chart, whereas the latter are only required to have one year's service in any river or harbour, and are not required to have any knowledge of the compass or chart.

No candidates have applied during the last year to be examined in the compass syllabus, or for the certificate of extra master.

One candidate for colonial pilot passed successfully, and one failed for colour blindness.

I have, &c., HAROLD S. BLACKBURNE.

RETURN showing the TOTAL ORDINARY EXPENDITURE of the MARINE DEPARTMENT during the Financial Year ended the 31st March, 1907.

1

1

-					D.4.0	Motol-	Guand Matal-
Nature of Ex	penditure.				Details.	Totals.	Grand Totals.
					£ s. d.	£ s. d.	£ s. d
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larbours :—							
Manukau,					484 0 0		
Salaries	••	••			24 0 0		
House-rent Wharves (Graham's Be	ach and O				10 11 5		
Stores and contingencie	S	••	••	· · ·	98 4 1		
Russell,—				-		616 15 6	
Stores and contingencie	8	••	••	••	••	22 4 7	
Hokianga,—				ľ	328 0 0	ĺ	
Salaries Oil-launch	••	••	••	••	200 15 0	1	
Oil-launch Tower for harbour-light					39 0 0		
Stores and contingencie	 s				$102 \ 3 \ 1$		
Kaipara,—						669 18 1	
Salaries	••	••	••		581 6 8 254 13 8		
Leading beacons	•• •	••	••	••	35 0 0		
House-rent Stores and contingencie	•••	 	••		171 11 2		
Kawhia,—		••	••			1,042 11 6	
Attendance on lights		••		[50 0 0	[
Stores and contingenci	эв		••	• •	3 2 4	~~ ^ ·	
Opunake,—	· .				31 5 0	53 2 4	
Salary		• •	••	••	$\begin{array}{cccc} 31 & 5 & 0 \\ 1 & 5 & 0 \end{array}$		
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Foxton,— Salary					180 0 0		
Salary Stores and contingenci					60 8 11		
Tauranga,—				ł		240 8 11	
Contingencies	••	••	••	•••	••	795	
Mokau,—					50 0 0		
Salary	••	••	••	••	80 0 0		
Grant for snagging rive	r	••	••			130 0 0	
Wairau,— Salary					155 0 0	_	
Removal of snags	••	••			12 0 0		
Stores and contingenci		••			50 4 11		
Motueka,						$\begin{array}{cccc} 217 & 4 & 11 \\ 5 & 0 & 0 \end{array}$	
Salary	••	••	••	••	••	500	
Waitapu,					25 0 0		
Salary Maintenance of lights	••	••			75 3 9		
Puponga,	••					100 3 9	
Stores and contingenci	es	••	••	••		917	
Collingwood,							
Salary	••	••	••	••	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		
Stores and contingenci	es	••	••	••		57 3 9	
Karamea,— Salary					92 9 0		
Removal of spags		••			83 19 6		
Stores and contingenci	es		·	••	36 5 3		
Okarito,						$212 \ 13 \ 9$	
Salary		••	••	••	90 0 0 0 23 0 0	•	
Cutting channel through	gn bar	••	••	••	40 0 0		
Clearing river of snags Stores and contingenci	. 000.	••	••		45 16 4		
Okuru,—	05					198 16 4	
Salary for signalling			••		50 0 0		
Stores and contingenci	es	••	••	••	9 1 0	FO 1 0	
Little Wanganui,—						59 1 0 19 2 0	
Signalling vessels, &c.	••	••	••	••		19 2 0	
Waikawa,			••			10 0 0	
Salary Picton	••	••	••	••			
Contingencies			••			866	
						040 TO F	
Stores, repairs to buoys, an	d sundries	• • •	••	••	••	242 18 5	3,954 12
							0,00± 14
Lighthouses :							
Salaries					9,512 1 11		
*Oil	••	••	••	••	1,664 2 3		
Stores and contingencies	••	••	••	••	2,848 4 11 159 11 9		
Keepers' travelling-expense		••	••	••	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		1
Lighthouse artificer Renewal of telephone-line	 Kainara	Light	house		121 11 4		ł
renewal of rerebuone-line	o marhara						14,528 11
Carried forwar	d	••	••	••	••	••	£20,292 13 1

* Total cost of oil purchased. For value of oil consumed see return of cost of maintenance of lighthouses.

RETURN showing the TOTAL ORDINARY EXPENDITURE of the MARINE DEPARTMENT-continued.

	Nature of Ex	penditu	:ө.			Details	s.	Totals.	Grand Totals.
						£	s. d.	£ s. d.	£ s. d
uperintendents of I		Iarine :-		••	••	••			20,292 13 10
Salaries Assistance	••	••	••	•••		••		$1,160 \ 0 \ 0$ $328 \ 1 \ 9$	
Contingencies-	••								
Rent Sundries	••	••	••	••	••	60 83	0 0 8 7		
Sunaries	••	••	••	••		60	<u> </u>	143 3 7	
spectors of Load-l							-		- 1,631 5
Salaries	••	••	••	••	•• [••		86 18 4	- 86 18
eather-reporting :-	-								00 10
Salaries Instruments	••	••	••	•••)	433 67	$\begin{array}{c} 6 & 8 \\ 1 & 7 \end{array}$		
Rent and Contin	igencies	••	••	••		43			
atastica of Tich -	-] O				-			••	543 16 1
rotection of Fish a Salaries of inspe			••					644 1 2	
Collection, &c.,	of rainbow-			••			19 10		
Collection, &c., Grant to Portob			 Board to	wards	cost of	134	17 4		
importing l	bsters	•• •					0 0		
Maintenance gr	ant to Porto	bello Fi				250			
Grant to Hokiti Import of salmo		onery	••	••		66 197 :			
Import of white	fish-ova	••	•••	••		272			
Expenses of stri Acclimatisation		••	••	••		60 8	$ \begin{array}{c c} 3 & 1 \\ 7 & 0 \end{array} $		
MOOTHIAIISAVIOI	OI HAL	••		•••	-			1,345 16 4	
Hakataramea Si Salaries	almon-hatch	ery,—				202	0 0		
Contingenci	 les		• •	••			19 11		
						110	0.0	386 19 11	
Travelling-e Contingenc		 	••	•••		$\begin{array}{c} 112 \\ 133 \end{array}$	$\begin{array}{c c} 8 & 6 \\ 12 & 11 \end{array}$		
Contingente		••			-			246 1 5	
							-		- 2,622 18 1
									25,177 13
Less credits to v	rote	••	••	••	••	••		••	237 6
							[24,940 6
overnment steame: Working-expens	(S)		,			8,217	5 11		
Working-expens	es, s.s. "Tu	tanekai	, ,,	••		6,187	1 1		
New shaft and p				••	••	324	57	14 700 10 7	
Less amount of	freights, pa	ssages,	åc	••		••		14,728 12 7 552 4 4	
liscellaneous servic	es :						[- 14,176 8
Departmental tr			•••	••	••	37	04 153		
Maintenance Ja Coastal buoys a		a beaco	ц 	••		58 17			
Survey of coast	by H.M.S. "	Pengui	n," to 31	st Marc	h, 1905	8,008			
Aquarium at N. Chatham Island	Z. Internati wharf exte	iona.i ມັງ nsion	(nibition	••		$1,710 \\ 44$			
. Charts and bool	cs	••	••	••		229	18 6		
Checking overcr Legal expenses	owding of st	eamers	••	••		310 121	511 113		
Copying weath		r the 1		logical		,			
London	- · ·	••	••		••	123 153	$\begin{array}{c c} 3 & 6 \\ 18 & 11 \end{array}$		
Expenses conne Survey of unsea						44			
Relief of distres	sed seamen	••	••			89			
Expenses of Wo Fog-signals	ol Fires Con		1 	•••			9 2 13 10		
Subsidy to Ship	wreck Relie		7	•••		400	0 0		
Improving entra				••	••	27 330			
Marine survey- " N.Z. Nautical			es 	••		251	2 11		
Postage and tele	grams	••	••	••	••	437			
Printing engine Refund examina			rarity	••		119 1	8 0		
Rent, &c., conne	oted with e	xamina	ions	••		51	0 1		1
Searching for di Sundries	smasted " I	utterwo	rth"	••	••		0 0		
Ganatios	••	••	••	••	-			14,252 7 10	
Less recove	ries	••	••	••		••	1	627 9 10	10 604 10
							-	*2,746 15 8	13,624 18
Training-ship "	Amokura ''	••			••!	••	1	A1120 TO 0	
Training-ship ''	Amokura ''	••	••	••	•••	••		10 0 0	0 -00 -1-
Training-ship ''	Amokura "	••	••	••	••	••	-		2,736 15

* Of this amount £2,662 16s. 4d. was expended by the Defence Department before the vessel was taken over by the Marine Department on the 8th February, 1907.

·- ...

QUANTITY of OIL consumed at	each, during	the Year ended 31st	March, 1907	· · · · ·
Name of Lighthouse.	Salaries.	Oil. Gallons Consumed Value.	Stores and Contingencies.	Totals.

RETURN showing the Cost of MAINTENANCE of the NEW ZEALAND LIGHTHOUSES, and the QUANTITY of OIL consumed at each, during the Year ended 31st March, 1907.

•				011.	Stores	
Name of Lighthouse.		Salaries.	Gallons consumed.	Value.	and Contingencies.	Totals.
		£ s. d.	Gals.	£ s. d.	£ s. d.	£ s. d.
Cape Maria van Diemen		$358 \ 15 \ 9$	911	$62 \ 12 \ 7$	(*)124 2 4	545 10 8
Moko Hinou		$348 \ 13 \ 1$	875	60 3 2	111 19 11	520 16 2
Tiritiri		$252 \ 14 \ 4$	629	43 4 10	53 4 11	349 4 1
Bean Rock		201 5 10	Kerosene	4 8 0	28 9 6	234 3 4
Ponui Passage	••	160 0 0	79	588	27 4 0	192 12 8
Cuvier Island	••	312 5 8	1,353	92 19 4	107 4 8	512 9 8
East Cape	••	311 7 5	879	60 5 8	86 19 11	458 13 0
Portland Island	••	337 5 9	726	49 18 3	74 17 2	462 1 2
Cape Palliser	••	277 1 10	873	60 0 5	(b)90 19 0	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
Pencarrow Head	••	252 2 0	790	54 6 3	(°)196 17 2 2 15 10	$503 5 5 \\ 33 5 10$
Napier Bluff	••	20 0 0	Gas			248 8 3
Somes Island	••	155 16 8	694	$\begin{array}{rrrrr} 47 & 14 & 3 \\ 39 & 17 & 6 \end{array}$	$\begin{array}{rrrrr} 44 & 17 & 4 \\ 51 & 0 & 2 \end{array}$	358 7 1
Cape Egmont	••	267 9 5	580	UU = / -	$69\ 10\ 11$	322 16 8
Manukau South Head	••	$203 \ 18 \ 6$	718 163	$\begin{array}{rrrr} 49 & 7 & 3 \\ 11 & 4 & 2 \end{array}$	2179	14 1 11
Manukau South Head leading lights	••	101 10 0	163	11 4 2 15 14 10	14 18 5	132 9 3
Manukau North Head leading-lights	••	101 16 0	229 576	39 12 0	$(^{d})132 13 4$	396 17 3
Kaipara Head	••	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	529	36 7 5	$(^{\circ})132$ 13 \oplus ($^{\circ})144$ 7 5	425 6 6
Cape Campbell	••	$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$	529 523	35 19 2	42 12 2	340 17 0
Godley Head	••	202 5 8	556	38 4 6	(1)128 8 1	436 12 7
Akaroa Head	••	160 0 0	368	25 6 0	(8)138 2 10	323 8 10
Jack's Point	••	240 0 0	558	38 7 3	(^b)37 7 1	315 14 4
Moeraki	••	240 0 0 244 5 6	624	42 18 0	(1)62 14 3	349 17 9
Taiaroa Head	••	244 5 0 244 7 4	683	46 19 1	(k)54 0 10	345 7 3
Cape Saunders	••	387 5 7	962	66 2 9	(4)137 15 2	591 3 6
Nugget Point	••	251 0 7	624	42 18 0	(^m)39 3 3	333 1 10
Waipapapa Point	••	337 19 5	784	53 18 0	(n)70 9 7	462 7 0
Dog Island Centre Island	••	344 2 3	872	59 19 0	80 18 1	484 19 4
D	••	355 18 11	902	62 0 3	124 1 2	542 0 4
	••	259 16 8	580	39 17 6	46 10 4	346 4 6
TT THE THE THE		342 9 5	1,085	74 11 10	(°)91 17 5	508 18 8
The second Difference of the second sec		385 0 0	645	44 6 10	(^p)116 18 6	546 5 4
TT - 1-2423		12 0 0	Gas	12 4 0	••	24 4 0
Malaan		350 0 0	253	17 17 11	59 14 9	427 12 8
French Pass		166 9 0	176	12 2 0	(^q)16 4 10	194 15 10
Brothers		415 16 11	712	48 19 0	(r)144 9 3	609 5 2
Stephen Island		363 8 10	1,703	117 1 7	88 16 8	569 7 1
Tory Channel		90 0 0	159	10 18 8	3 0 11	$103 \ 19 \ 7$
Totals	••	9,512 1 11	23,373	1,634 5 11	2,848 4 11	13,994 12 9

(*) Includes £20 48. 2d. cost of repairs. (b) Includes £6 48. 5d. cost of repairs. (c) Includes £7 108. 5d. cost of repairs and £117 68. 4d. for incandescent installation. (d) Includes £46 for repairs and alterations. (e) Includes £66 148. for new flagstaff. (f) Includes £75 158. 11d. for repairs. (f) Includes £15 18. 6d. for repairs. (h) Includes £1 18. 6d. for repairs. (h) Includes £1 18. 6d. for repairs. (h) Includes £16 158. 7d. for repairs. (h) Includes £16 58. 7d. for repairs. (h) Includes £6 58. 7d. for repairs. (h) Includes £6

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RETURN showing the Cost of ERECTION of the New Zealand COASTAL LIGHTHOUSES. Collected during the Year ended 31st March, 1907.

Name of	Lightho	ouse.		Cost of Ere	ctio	n.	
D	-			£	s.	d.	
Pencarrow Head .	2	••	•••	6,422	0	4	
Nelson	••	••	••	2,824	8	9	
Tiritiri	••		••	5,747	7	2	
Mana Island*	••	••	•••	5,513	0	1	
Taiaroa Head	••	••	••	4,923	1 4	11	ŀ
Godley Head	••	••	•••	4,705	16	4	1
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	1:
Centre Island		••		5,785	19	0	:
Puysegur Point		••		9,958	19	5	1.
Cape Maria van D	iemen	••	1	7,028	14	8	1.
Akaroa Head				7,150	6	5	
Cape Saunders				6,066	Ğ	ŝ	1.
Cape Egmont				3,353		11	ļ .
Moko Hinou				8,186	5	0	
Waipapapa Point				5,969		11	
Ponui Passage!				-,	~~		
Kaipara Head				5,571	8	0	
French Pass		••		1,427	17	5	-
Cuvier Island		•••	•••	7,406		11	
Stephen Island	••	••	•••	9,349	9	11	1
Cape Palliser	••	••		6,243		1	9
East Cape	••	••		7,594	8	8]]
Kahurangi Point	••	••	••	9,145		1]
Jack's Point	••	••	•• [1,204		9	
Cost of telegraph c	ahla ta	Tinitini	••]	1,085		6	
Miscellaneous and	unallo	atod	••	1,085	19	2	
samoon and	ananot	Julou	•••	1,044	4	4	1
Total	• •	••	[£191,840	12	1	

	Port.			Amount collecte
				£ s. d
Auckland	••	• •	••	11,402 9 2
Onehunga	••			216 19 1
Whangarei	••	••		142 4 2
Russell	·	••	••	21 19 10
Mangonui	••			3 17 3
Whangaroa	••	••		3 3 3
Hokianga	••	••		49 3 11
Kaipara	••	••	••	232 3 2
Thames	••	•••	• • `	73 10 4
Coromandel	••	••	••	14 12 10
Tauranga	••	• •		27 17 8
Poverty Bay	••	••	••	671 7 6
Napier	••	••	••	946 12 2
New Plymouth	••	••		278 8 11
Waitara	••	•••	••	72 7 9
Wanganui	••	••	••	163 19 1
Patea	••		••	16 6 11
Wellington	••	••	••	7,703 17 2
Wairau	••	••	••	23 4 9
Picton	••	••	••	524 10 1
Nelson	••	• •	••	$442 \ 15 \ 2$
Westport	••	••	••	769 2 10
Greymouth	••	••	••	341 5 7
Hokitika	••	••	•••	5 14 11
Lyttelton	••	••	•••	3,082 3 9
Fimaru	••	••	••	371 1 9
Damaru	••	••	•••	$136 \ 6 \ 8$
Dunedin	•••			1,976 13 6
Bluff and Inverce	rgill	••	•••	2,740 2 2
Tote	ьl	••	•••	£32,454 1 4

RETURN showing the AMOUNT of PILOTAGE, PORT CHARGES, &c., collected during the Year ended 31st March, 1907.

RETURN showing the FEES, &c., received under
the Shipping and Seamen Acts, the Merchant
Shipping Act, the Harbours Acts, and the Sea-
fisheries Acts, during the Year ended 31st
March, 1907.

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

Nature of	Receipts.			Amount.			
Shipping and Seamen				£		d.	
Fees for engagement men, and sale of i			sea-	3,179	18	6	
Surveys of steamers			els	1,933	10	0	
Measurement, &c.,	of ships		• •	30	10	0	
Examinations of a engineers	masters,	mates,	and	377	17	6	
Light dues	••			32,454	1	4	
Sundries	••	••	••	469			
Merchant Shipping Ac Harbours Acts :	et	••	••	277	10	2	
Pilotage and port ch	arges	••	••	2,206		8	
Sundry receipts	••	••	• •	476		11	
Sea-fisheries Acts	••	••	••	413	0	3	
Total	••	••	:•	41,818	10	5	

Name of Port.		Pilot	age	Port Charges, &c.			Total.			
		£	s.	d.	£	s.	d.	£	s.	d.
Auckland*		1,223						10,075		
Onehunga		-,				14				
Hokianga		111	14	11			Ŭ	111		-
Kaipara		67	11	-3	1,276	3	1			
Thames*		107	7	ŏ			•	107	17	
Gisborne*	••	40	5	2		16	11			1
Wairoa*		144	1	ō			0		8	
Napier*		1,274	16	9	6,310		ž	7,585	11	-
New Plymov	ıth*	136		Ō				354	13	-18
Waitara*		119	17	11	134		7	254	10	6
Wanganui*	••	622	8	11			8	736	12	7
Patea*	•••	65	5	3	15	10	9	80	16	ò
Foxton		264	9	11			-	264	-9	11
Wellington*		318	19	0	15,114	8	4	15,433	7	4
Wairau	• •	229	6	3	,			229	6	3
Nelson*		2,604	12	2	278	3	1	2,882		3
Hokitika*		,			+57	$1\tilde{5}$	ō	2,002	15	ő
Lyttelton*		10,843	10	5		-2			12	5
Timaru*		2,999		Õ	3,608	ō		6,607	- 8	11
Oamaru*				Ŭ	+1,916	7	5	1,916	7	5
Dunedin*	••	10,920	11	5	8,494	18		19,415		2
Invercargill and Bluff*	}	4,019	0	1	2,234	6	6	6,253	6	7
Karamea		10	6	3				10	6	3
Kaiapoi	••		15	ŏ	•			10	15	ő
Westport*	••	411	19	9	•			411	19	9
Totals	•••	36,536	5	8	57,982	17	3	94,519	2	11

RETURN of ESTATES of DECEASED SEAMEN received and administered in pursuance of the Provisions of "The Shipping and Seamen Act, 1903," during the Year ended 31st March, 1907.

	:	Name of	f Seaman.		•		Balance to Credit of Estate on 31st March, 1906.	Amount received.	Amount paid.	Balance to Credit of Estate on 31st Marcl 1907.
							£ s. d.	£ s. d.	£ s. d.	£s.d
A. Taylor	•• •	••	••			• •	2 16 4	••	2 16 4	
W. Carey		••	••	••	••	• •	14 17 10		14 17 10	••
. Ferguson	••	••	••	••	••	••	1 16 11		1 16 11	••
Bennet Lissing	••	••	••		••	• •	10 0 6		10 0 6	
H. S. Molvig	••	••	••	••	••	••	586	6 0 5	026	11 6 5 0 10 0
. Peterson	••	••	••	••	••	••		0 10 0	••	0100
J. Olsen	••	••	••	••	••	••		$\begin{array}{ccc} 0 & 8 & 0 \\ 0 & 8 & 0 \end{array}$	••	080
Johnston	••	••	••	••	••	••	0.17 6		9 17 6	
I. P. Coulson	••	••	••	••	••	••	$\begin{array}{c} 9 \ 17 \ 6 \\ 41 \ 15 \ 0 \end{array}$	••	41 15 0	••
Edwin Robinso - Hodder	n	••	••	••	••	• •	968	••	968	
- Hodder C. Johnson	••	••	••	••	••	••	1 1	1 1 4		
J. Johnson J. G. Anderson	••	••	••	••	••	••	••	$44\ 11\ 6$	44 11 6	
Frederick J. E	ffalhain	••	••	••		••		12 0 0	12 0 0	
John H. Elwoo		••	••	••				8 1 0	8 1 0	
Pierre Johann	u	••	••	••				9 2 11	0 17 6	8 5 8
J. McPherson	••		•••		••			0 8 0		080
C. Foreman	••		•••		••			088		088
Christopher Sh	ABTS		••					62 17 11	62 17 11	••
Henry Keast								3 12 4	3 12 4	
K. Hansen								327	268	0 15 11
Robert Wilson				••	••			780	780	••
A. Tronson					••			9174	500	4 17 4
William J. Rok	b			••	••			18 2 3	18 2 3	••
John Beer			••		••			18 0 9		18 0 9
William Thom	88	••	••	• •	••	••		14 12 6	14 12 6	••
Henry Loftus	••	••	••	••	••			4 14 1	2 10 0	241
Thomas Thoma	IS	· • •	••	•••	••			3 5 6	••	356
A. Sorrenson	••		••	••	••			$2\ 12\ 0$	••	2 12 0
J. Wallen	••	••		••	••	••		3 13 8		3 13 8
W. R. Morris	••	••	••	••	••	••		650	650	
J. E. Morris	••	••	••	••	••	••	•••	584	584	
Edward Willia	ms	••	••	••	••	••	••	2 6 1	2 6 1	0 19 (
E. Hargreaves	••	••	••	• •	••	• •	•	0 19 0	1	
Daniel Davies	••	••	••	••	••	• •		2 4 10	1 0 0	
A. Bagley	••	••	••	••	••	••	••	5110 162	••	5 11 0 1 6 9
). Blanquist	••	••	••	••	••	••		$\begin{array}{rrrrr} 1 & 6 & 2 \\ 1 & 6 & 2 \end{array}$		
Rosso Concetto		••	••	••	••	• •	, .	162 162		
J. Iverson	••	••	••	••	••	••	•••	$\begin{array}{c} 1 & 6 & 2 \\ 2 & 1 & 6 \end{array}$		
J. Cole	••	• •	••	••	••	••		1 1 6	••	
N. Tansley Charles Clarke	••	••	••	••	••	••		4 0 0	4 0 0	<u> </u>
P. Fulda	••	••	••	••	••	••		285		2 8 4
E. Quimar	••	••	••	••	••	•••		1 14 2		1 14
A. Richter	••	••	•••	••	••			$\bar{3}$ 15 $\bar{6}$	3 15 6	
A. Callas	••		••	••	••	••		2 7 6		27
F. Walker	••	••	••		•••			100		100
A. W. Tait	••	••	••	••	••			1 15 B	1 15 8	
E. J. Harper		••			•••			0 0 4	••	00
Henry Payne		••						69 6 9		69 6
T. W. Myers	••							8 16 4	8 16 4	
A. E. Watters	••					•••		4 14 2	••	4 14
	••									
	otals						95 19 3	364 13 4	307 1 2	153 11

1

RETURN showing AMOUNTS paid to DISABLED SEAMEN under Section 119 of "The Shipping and Seamen Act, 1903," for the Year ended 31st March, 1907.

Name of Seaman.			Name of Vessel.	. <u> </u>	Nature of Injury or II	lness.	Amount paid for Wages, Maintenance. &c.
Ambrose, F.			Manuka, s.s.		Denstaan		£ s. d
Anderson, M.	••	••	Kanieri, s.s.	••	T · · · · ·	• ••	7 18 4
Anderton, H.	•••		Kittawa, s.s.	••	A mm am dinisin	• ••	5 10 10 Bassana 4a mar
,				••	Appendicities	• ••	Passage to port of discharge.
Aspin, R.	•••		Defender, s.s.		Injured ankle		Ditto.
Atkins, W. H.	• •		Ripple, s.s.		TTANA AND A A CLASS OF	• •	,,
Bade, E.			Defiance, ship				25 15 4
Baker, T.	••		Hauroto, s.s.		Quinsy		11 0 3
Baker, T.	••	••	Monowai, s.s.		Rheumatic fever and rupt	ure	45 5 (
Baker, W.	••	••	Clansman, s.s.	••			12 4 6
Barrett, A.	••	••	Tongariro, s.s.	••			10 17 6
Batty, W. Beer, J. A.	••	••	Apanui, s.s.	••	TANK	• ••	11 18 (
Barry, C.	••	••	Canopus, s.s. Karawa, s.s.	••	Influenza		7 16 6
Brennan, T.	•••	·	Everton Grange, s.s.	••	Dampara	• ••	
Brown, E.			Queen of the South, s.s.	••	Dhamattan	• ••	Still in hospital. 5 9 (
Brown, H.	••		Kate Tatham, schooner	•••	Duodonal alaan	· ··	
Brown, W. F.			Defender, s.s.		Dualana atta	• ••	28 5 2
Burns, J. H.	••	••	Clansman, s.s.		5 m : . 1		8 10 6
Butler, W.	••	••	Kaikoura, s.s.	••	Broken thigh		18 19 6
Butt, G. A.	••	••	Warrimoo, s.s.	••	Duction with	• ••	Passage to port
Cable D			Wailsong				of discharge.
Cable, B.	••	••	Waikare, s.s.	••	T d	• ••	9 14 0
Callaghan, J. Campbell, T.	••	••	Corinna, s.s.	••	TAR	• ••	
Carstens, O.	••	••	St. Kilda, schooner	••	0.11.11		13 14 8
Chambers, G.			Moura, s.s.	••	Deisoned hand	· ··	$18 12 0 \\ 12 5 4$
Clark, E. A.			Atua, s.s.		Crushed finger .		7100
Clark, W.	••		Moana, s.s.	••	Injured head		42 2 6
Claydon, T.	••		Taniwha, s.s.	••	"hand		4 5 0
Coglan, J.	••	••	Waiotahi, s.s.	••	", spine	• ••	834
Colbert, W.	••	••	Wakatu, s.s	••	Poisoned hand	• ••	Passage to port
							of discharge.
Collins, C.	••		Pateena, s.s.	••	Scalded face		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Conway, J.			Mokoia, s.s.	••	Mangleo		$ \begin{array}{r} 3 8 8 \\ 10 4 7 \end{array} $
Coombes, V.			Tongariro, s.s.	••	Injured foot		10 4 7 10 4 0
Crawford, W.	••		Talune, s.s.		Poisoned hand		5 19 0
Crawley, R.		••	Corinna, s.s.		Appendicitis		5 13 6
Crowden, J.		••	Queen of the South, s.s.	••	Injured kneecap .	• ••	10 11 8
Cunningham, W		••	Waimarie, s.s.	••	Injured fingers	• ••	6 16 6
Cuthbert, S.	••	••	Mokoia, s.s.	••	Burnt face and arms		11 18 6
Darroch, E.	•••	•••	Mokola, s.s	••	Teringer & fant		7 11 10
Dennis, P.			Moana, s.s.	•••	Injured foot		$\begin{array}{rrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrrr$
Dirkx, A.	••		Ruapehu, s.s.		Fistula		7 19 0
Donald, W.	••		Clansman, s.s.		Sprained back		8 5 0
Dromgoll, G.	••	••	Sardhana, barque	••	Rheumatism		9 18 0
Dufferency, J.	••	••	Kia Ora, s.s.	••	Injured arm and leg .		38 5 6
Eindersen, J.	••	••	Manurewa, barque	••	Broken leg	• ••	22 11 4
Ellston, H. Evons T	••	••	Haupiri, s.s.	••	Piles		5 10 8
Evans, T. Fandener, F.	· · · ·	•• {	Gannet, scow Canopus, s.s	•••	Injured stomach		10 2 10
Finlayson, G.	••		Canopus, s.s Hauroto, s.s	••	Stomach themela		2 6 8 Passage to port
	••	•••			Stomach trouble	• ••	of discharge.
Fitzgerald, P.	••	••	Taviuni, s.s.	••	Poisoned hand		8 3 4
-							And passage to
Na			Sec. 1		9		Wellington.
Fitzpatrick, R.	••	••	Squall, s.s.	••	Severe cold		7 13 8
Fraser, G. Fulkes, J.	••	••	Invercargill, s.s Rarawa, s.s	••	Injured back		534
Gable, G.	••	••	Morning Light, s.s.		Ominar		9 17 0 Passage to port
	•••	•••			Quinsy	••	of discharge.
łarr, J. M.	••	•••	Clansman, s.s.		Severe cold		6 10 0
arrity, W.	••		Brunel, s.s.	••	Rheumatism		17 11 0
libbs, J.	••	•••	Maheno, s.s.	••	Injured hand	1	7 19 8
Freaves, J. A.	••	••	Takapuna, s.s.		Burnt eye	•••	14 18 8
Junn, H.	••	••	Kennedy, s.s.	••	Broken ribs	1	18 9 4
Iall, S Iampshire, G.	••	••	Rarawa, s.s Mokoia, s.s		Influenza	1	8 3 8 Passage to port
imponito, O.	••	••	Mokola, s.s.	••	injured arm	••	Passage to port of discharge.
Iansen, P.	•••	· • !	Kapanui, s.s.		" leg	•• }	$12 \ 2 \ 8$
Iardwick, H.	••		May, scow		" arm		
Iarris, W.	••	••	Tokomaru, s.s.	••	Pneumonia	••	25 4 6
	••	••	Tarawera, s.s.	••	Burnt feet	••	37 10 0
Harrison, J. Harrison, W. C.	· •	••	Takapuna, s.s.	•••	Synovitis of knee	••	$0\ 15\ 4$
		 	Takapuna, s.s. Rakaia, s.s. Moeraki, s.s.	•••	Synovitis of knee Effects of gas-fumes Fractured elbow	••	$\begin{array}{cccc} 0 & 15 & 4 \\ 5 & 12 & 6 \\ 12 & 13 & 2 \end{array}$

3—H. 15.

RETURN showing Amounts paid to DISABLED SEAMEN-continued.

Name of Sea	man.		Name of Vessel.		Nature of Injury or I	llness.		Amount paid for Wages, Maintenance, &
								£ s.
		•		••	Injured ankle Rheumatism	••	••	$\begin{array}{ccc}13&8\\&6&15\end{array}$
		•		•	Rheumatism Burnt foot	••	•••	4 12
		•		•	Cancer (fatal)			21 19
losking, W. F.		•	Hawea, s.s	•	Severe cold			5 8
· · · · · ·		•			Injured knee			13 8
		·		••	· 1	•••		13 18
		•	1 1					16 0
		•	YZ 1		,, eye ,, back			10 12
·		•	1		Inflammation of neck			8 9
,		•			Injured leg			9 19
		•			Rheumatic fever	••		34 14
		•			Injured finger			17 10
		•			Fractured skull			15 11
· · · · · · · · · · · · · · · · · · ·		•	77 1		Injured foot	••		89
		••			Typhoid fever	••		24 5
		••			Injured finger			5 17
					" ankle			9 17
					Abscess in ear	••		15 1
1 117					Injured ankle			12 7
			n		Strained muscles of ston			20 13
				.	Inflammation of bladder	• • •		40 3
1 177					Kidney trouble	••		Passage to p
	•••••••••••••••••••••••••••••••••••••••	•••••		1	v			of discharge
ang, C.			Elizabeth, brigantine		Rupture			30 0
<u> </u>					Ulcerated leg	••		5 18
			- ,	.	Injured leg		••	9 16
<i>"</i>			" "]	Ricked knee	••	••	11 0
			*]	Rheumatism		••	6 16
			TT 1	•••	Loss of arm	••	••	49 18
-,					Poisoned foot	••	••	8 10
					a · 1 11	••	••	6 15
]	Bruised arm	••		67
vingstone, W.					Enteric fever	••		26 1
					Strained back	••		47 7
			m 1 1		Injured hand		••	8 1
			'		Burnt leg			13 19
		1	QL 11		Injured legs		••	35 17
		••			Burnt foot		••	12 5
D			a n 11		Rheumatic fever		••	36 0
÷		.			Erysipelas	••		99
′					Asthma	••	••	5 18
			1'.	••	Injured knee			11 13
				•••	Effects of gas-fumes	••		24 18
			-		Abscess	••		17 19
		.			Injured arm	••	••	22 18
			Whangape, s.s.		,, eye	••		63
. <u>`</u>			m 1		Burnt foot	••	• •	13 12
ר ווי		•••	~ •		Injured knee	••	••	7 2
		:			Rheumatic fever	•••	••	7 19
	• •		-	••	Injured leg	••		5 10
					Broken collar-bone		••	6 18
			· · · ·	••	Injured leg	••	••	9 6
i T			·	••	Rheumatism	••		Still sick.
				••	Bruised leg	••	••	6 19
leDonald, J.				••	" thigh	•:•	••	8 11
				••	Influenza	••	• •	6 11
		••		••	Congestion of lungs	••	••	15 0
cDonald, J.		••	Riverina, s.s.	••	Injured head	••	••	3 17
[cDonald, T.		• •		••	Ulcerated leg	••	••	8 10
leDonald, W.				••	Injured head	••	••	8 9
cLean, N.		••	Mokoia, s.s.	••	Bruised shoulder	••	••	8 10
leLean, P.			,,	••	Measles	••	••	11 9
••		••	,,	••	Injured fingers	••	••	9 14
eNeil, R.		••	Mararoa, s.s.	••	,, hand	••	••	23 10
cPherson, N.				••	Internal trouble	••	••	8 0
eilson, A.			Penguin, s.s.	••	Bruised back	••	••	7 12
elson, D.		••	Atua, s.s.	••	Broken rib	••	••	14 13
		••		••	Injured arm	••	••	5 12
elson, F.		••	Queen Helena, s.s.	••	Concussion of brain	••	••	
ilson, J.		••	Penguin, s.s.	••	Bad leg	••	••	10 3
lorris, W.		••	Ruapehu, s.s.	••	Dislocated hip	••	••	11 8
akes, J.			Ngapuhi, s.s.	•••	Injured foot	••	••	10 14
liver, W.			Tasman, s.s.	••	" finger	••	••	11 8
Olney, S.			Rarawa, s.s.	••	" knee	••	••	14 0
)'Neill, F.		•••	Moana, s.s.	••	" hand	••	••	4 16
1 LY CILL, L'		••	Taviuni, s.s.	••	" foot	••	••	7 9
sberg, C. F.			1 Lavium, s.s.		Broken rib	•••		5 10

2

RETURN showing Amounts paid to DISABLED SEAMEN-continued.

Oxpring, G. Arahura, s.s. Pneumonia 7 7 7 Pace, A. W. Kent, s.s. Whitlow 13 14 Parker, E. Mamari, s.s. Injured ankle 13 14 Pertarn, T. Paparoa, s.s. Diseased elbow 23 19 Petraron, H. Ripple, s.s. Injured ankle 24 15 Petrson, H. Ripple, s.s. Measles 11 91 Peterson, T. Mokoia, s.s. Measles 12 21 5 Pillips, R. Tarawera, s.s. Appendicitis 22 16 Rand, J. Tarawera, s.s. "foot 17 8 Reemie, D. Storm, s.s. Pleurisy 17 8 Ricker, C. Tarawara, s.s. Poisoned foot 17 8 Ricker, J. A. Rakaia, s.s. Fleurisy 17 18 18 Robertson, P. Oreti, s.s. Finger 13 10 17 Robertson, Mrs. Chelinsford, s.s. Foisoned hoat 13 10 19 Robertson, Mrs.	Name of s	Seam an.		Name of V	/essel.	Nature of In	ury or Illness.		Amount paid for Wages, Maintenance, &c.
Packer, K. Kont, s.s. Wihtlow Still sick. Parker, E. Mamari, s.s. Tumour I3 11 Penkar, T. Paparoa, s.s. Injured ankle I3 11 Petram, T. Paparoa, s.s. Injured heel I3 11 Petram, T. Mokia, s.s. Messlee I1 19 1 Petram, T. Mokia, s.s. Injured heel I1 19 1 Petram, T. Mokia, s.s. Injured heal I2 4 5 Petram, T. Mokia, s.s. Injured shoulder 6 Sopps, A. Tarawera, s.s. Appendicitis I2 14 Sand, J. Endeavour, auxilizy schoone Injured shoulder 6 Stain, D. Endeavour, as.s. Swollen neck 7 0 Staider, C. Ngapuhi, s.s. Injured fagers 18 10 18 18 Stoker, G. Ngapuhi, s.s. Injured fagers 18 10 18 19 Stoker, G. Ngapuhi, s.s. Poisoned hand 16 3 16 3 Robertson, Ms. Chelmsford, s.s. Staide schand 16 19<						_			£ s. d
Saba, A. W. 1. Multiple S. 1. Multipl						TTTT 1.1.1			
Peakan, T. Paparoa, s.s. Injured ankle 13 14 Petravan, T. Paparoa, s.s. Injured ankle 23 19 Peterson, H. Nikpple, s.s. Injured heel 9 Passage to por discharge. Peterson, T. Mokoia, s.s. Measles 11 9 Peterson, T. Mokoia, s.s. Aneurism 24 5 Peterson, T. Mokoia, s.s. Aneurism 24 5 Rand, J. Endeavour, auxiliary schoone Injured shoulder 6 6 Renie, D. Storm, s.s. Peisned foot 17 18 Ricketts, J. A. Rakaina, s.s. Poisoned foot 18 18 Kider, C. Ngapuhi, s.s. Injured fingers 13 10 16 3 Robertson, P. Oreti, s.s. , finger 12 14 4 5 19 16 16 3 19 16 3 19 16 16 3 19 16 16 3 19 16 16 3 19 16 16 16 16 <td></td> <td></td> <td>••</td> <td></td> <td></td> <td></td> <td></td> <td>••</td> <td>SUII SICK.</td>			••					••	SUII SICK.
Perkarn, T. Paparoa, s.s. Diseased elbow		••	••					• •	
Peterson, H. Ripple, s.s. Injured heel Pessage to por of discharge. Peterson, T. Mokoia, s.s. Aneurism 24 5 Pithlps, H. Tarawera, s.s. Injured hand 29 16 Popps, A. Tarawera, s.s. Appendicitis 29 16 Rand, J. Endeavour, auxilary schoone Injured shoulder 6 6 Rennie, D. Storm, s.s. Poisoned foot 17 8 Ricketts, J. A. Rakaia, s.s. Effect of gas.formes 13 10 Robertson, P. Oreti, s.s. 7 0 Ricketts, J. A. Rakaia, s.s. 7 0 Ricketts, G. 7 0 Ricketts, S.									
dokoia, s.s. Mokoia, s.s. <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
Phillips, H. Tarawera, s.s. Aneurism 24 5 Popps, A. Tarawera, s.s. Appendicitis 29 16 Popps, A. Tarawera, s.s. Appendicitis 29 16 Rond, J. Endeavour, auxiliary schoome Injured shoulder 6 6 Roilly, R. Tarawera, s.s. Poisoned foot 17 8 Roine, O. Storm, s.s. Poisoned foot 17 17 Ricker, G. Rarawa, s.s. Swollen neck 7 0 Ricker, G. Ngapuhi, s.s. Injured fingers 18 18 Robertson, Mrs. Oreti, s.s. Swere cold 16 3 Robertson, Mrs. Cheimsford, s.s. Poisoned hand 5 19 Sost, W. Tariuni, s.s. Poisoned hand 4 5 5 Sokortson, Mrs. Cheimsford, s.s. Poisoned hand 4 5 5 Shangan, P. Caropus, s.s. Brained heart 10 18 Silars, G. Wakanu, s.s. Pleurisy 6 12 Silmand, S.s. Strained heart 10 18 10 18 Silars, G. Riku, s.s. Pleurisy 6 12 2 6 2 Silandod, C.<	reterson, n.	••	••	Kipple, s.s.	•• ••	Injured neel	••	••	
Pitt, C.	Peterson, T.	••	••	Mokoia, s.s.	•• ••	Measles	••	••	11 9 1
Popps, A.	Phillips, H.	••		Tarawera, s.s.	•• ••		••		
Raind, J. Endeavour, auxiliary schome Injured shoulder 6 6 Reilly, R. Storwra, s.s. foot 19 17 Rennic, D. Takapuna, s.s. Poisoned foot 19 17 Rennic, D. Rarawa, s.s. Swollen neck 15 1 Rennic, A. Rakaia, s.s. Swollen neck 7 0 Ricket, J. A. Rakaia, s.s. Biffect of gas fumes 18 18 Robertson, P. Oreti, s.s. funder fund	Pitt, C.			Niwaru, s.s.	•••	Injured hand	••	••	
Reilly, R. Tarawers, s.s. 7, foot 10 17 Rennie, D. Storm, s.s. Poisoned foot 17 8 Richmond, C. A. Rakais, s.s. Swillen neck 7 0 Richmond, C. A. Rakais, s.s. Swillen neck 7 0 Richer, C. Ngapuhi, s.s. Injured fingers 13 10 17 Robertson, P. Oreti, s.s. Swillen neck 13 10 17 0 Robertson, Mrs. Chelmsford, s.s. Bade yee 12 14 14 14 16 3 Ross, W. Taviuni, s.s. Poisoned hand 5 19 0 9 5 16 9 5 16 19 5 16 10 18 10 18 10 18 16 <t< td=""><td>Popps, A.</td><td>••</td><td>••</td><td>Tarawera, s.s.</td><td></td><td>Appendicitis</td><td></td><td>••</td><td></td></t<>	Popps, A.	••	••	Tarawera, s.s.		Appendicitis		••	
Rennie, D. Storm, s.s. Pieurisy 17 8 Röce, C. Takapuna, s.s. Pioioned fot 15 1 Richmond, C. A. Rakaia, s.s. Swollen neck 7 0 Richerts, J. A. Rakaia, s.s. Fifeet of gas fumes 18 18 Robertson, P. Oreti, s.s. 16 3 10 1 Robertson, P. Oreti, s.s. 16 3 10 13 10 13 10 13 10 13 10 13 10 13 10 13 10 13 10 13 10 10 10 13 10 <td>Rand, J.</td> <td>••</td> <td>••</td> <td>Endeavour, auxili</td> <td>ary schoone</td> <td>Injured shoulder</td> <td></td> <td>••</td> <td></td>	Rand, J.	••	••	Endeavour, auxili	ary schoone	Injured shoulder		••	
Rice, Ć.	Reill y, R.	••		Tarawera, s.s.		,, foot	••		
Richmond, C. A. Rarawa, s.s. Swollen neck 7 0 Rikketts, J. A. Rakaia, s.s. Effect of gas fumes 18 18 Rikketts, J. A. Ngapuhi, s.s. Injured fingers 13 0 Robertson, P. Oreti, s.s. , internally 7 0 Robertson, Mrs. Chelmsford, s.s. Severe cold 16 3 Rosew, W. Taviuni, s.s. Poisoned hand 16 3 Rounce, A. Rakaia, s.s. Bad eye 16 19 Scott, J. W. Mangapapa, s.s. Internal complaint 20 9 Shangan, P. Canopus, s.s. Strained heart 10 18 Shangan, P. Canopus, s.s. Flourisy 6 12 13 Silva, G. Rinu, s.s. Flourisy 6 12 18 Silva, G. Rinu, s.s. Injured leg 3 16 12 Silva, G. Rinu, s.s. Injured side 3 16 12 12 12 12 12 12 12 12 12 12	Rennie, D.	••		Storm, s.s.	•••	Pleurisy	••	••	
Ricketts, J. A. Rakaia, s.s. Effect of gas fumes 18 18 Roberts, G. Ngapuhi, s.s. Injured fingers 13 10 1 Robertson, P. Oreti, s.s. ", finger 12 14 Kobertson, Mrs. Chelmsford, s.s. Severe cold 16 13 Koss, W. Taviuni, s.s. Poisoned hand 5 19 Kownee, A. Rakaia, s.s. Bad eye 16 19 Scoute, J. W. Mangapapa, s.s. Internal complaint 20 9 Seckles, R. Wakani, s.s. Preumonis (Istal) 4 5 5 Sima, P. Canopus, s.s. Strained heart 10 18 Sims, P. Delphic, s.s. Scalded 3 16 Simmons, B. Torgauten, s.s. Loss of finger 26 2 Simallwood, C. Rakaia, s.s. Pieurisy 38 14 Simith, F. Rimu, scow Injured diger 32 14 Stephens, H. Rotomahana, s.s. Desort forga-fumes 32 18 5 Stephens, H. Waiti, s.s. Pieurisy 32 18 5 Stephens, H. Canopus, s.s. Steree old 8 5 4 Stephens, H. </td <td></td> <td></td> <td></td> <td> Takapuna, s.s.</td> <td>•••</td> <td></td> <td>••</td> <td></td> <td></td>				Takapuna, s.s.	•••		••		
Rickets, J. A. Rakaia, s.s. Effect of gas-fumes 18 18 Rider, C. Ngapuh, s.s. Injured fingers 13 10 1 Robertson, R. Oreti, s.s. "intermally 7 0 Robertson, Mrs. Chelmaford, s.s. Severe cold 16 19 Robertson, Mrs. Rakaia, s.s. Poisoned hand 519 Robertson, Mrs. Mangapapa, s.s. Internal complaint 20 9 Seckles, R. Wakanu, s.s. Pneumonia (Istal) 4 5 5 Shanagan, P. Canopus, s.s. Strained heart 10 18 Sims, P. Delphic, s.s. Scalded 316 0 Simmons, B. Torgauten, s.s. Loss of finger 40 0 Simith, F. Rimu, s.s. Pleurisy 612 4 Simith, J. Kini, s.s. Injured siges 316 4 Simith, F. Rimu, s.s. Effect of gas-fumes 24 18 4 Simith, S. Still sick. 39 1 5 310 1 Simith, S. Rotomahana, s.s. Loss of finger 23 3 1 Stellon, H. Wakatu, s.s. Freeke of gas-fumes 24 18 4 Stin				Rarawa, s.s.	•• ••			••	
Rider, C. Ngapuhi, s.s. Injured fingers 13 10 1 Robertson, P. Oreti, s.s. finger 16 3 Robertson, Mrs. Chelmsford, s.s. Severe cold 16 3 Ross, W. Rakaia, s.s. Bad eye 16 19 Soott, J. W. Mangapapa, s.s. Internal complaint 20 9 Seckles, R. Wakanui, s.s. 10 18 Shanagan, P. Canopus, s.s. Injured leg 13 19 Silva, G. Pleurisy 6 12 13 19 Simmons, B. Torganten, s.s. Loss of finger 40 0 Skelton, H. J. Rimu, s.s. 6 10 4 Simith, P. Rakaia, s.s. Effect of gas-funes 24 18 Simith, J. M. Wooton, s.s. 10 10 <tr< td=""><td></td><td>••</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>		••							
Robertson, P. Oreti, s.s. , internally 12 14 Robertson, Mrs. Chelmsford, s.s. Severe cold 16 3 Robertson, Mrs. Taviuni, s.s. Severe cold 16 3 Robertson, Mrs. Taviuni, s.s. Severe cold 16 3 Robertson, Mrs. Margapapa, s.s. Internal complaint 20 9 Scott, J. W. Mangapapa, s.s. Internal complaint 4 5 Schagap, P. Canopus, s.s. Strained heart 10 18 Sims, P. Delphic, s.s. Scalded 3 16 Simmons, B. Torgauten, s.s. Loss of finger 40 0 Skelton, H. J. Kini, s.s. Fleating fingers. 40 0 Skelton, H. F. Rakaia, s.s. Effect of gas-fumes 24 18 Simith, F. Rakaia, s.s. Storder in ib 12 5 Stenson, F. Manuka, s.s. Storder in ib 23 3 1 Suillvan, W. Waiti, s.s. Storder in ib 23 3 1 Sti				Ngapuhi, s.s.		Injured fingers	••	••	13 10 10
Robertson, P. Oreti, s.s. 12 14 Robertson, Mrs. Chelmsford, s.s. Severe cold 16 3 Ross, W. Taviuni, s.s. Bad eye 16 19 Scott, J. W. Mangapapa, s.s. Internal complaint 20 9 Seckles, R. Wakanui, s.s. Internal complaint 10 18 Shangan, P. Canopus, s.s. Frank Guy, sohooner 10 18 Sima, G. Delphic, s.s. Scalded 6 12 Sima, P. Delphic, s.s. Injured leg 6 10 4 Simons, B. Torgauten, s.s.		••							
Soes, W. Taviuni, s.s. Poisoned hand 5 19 Rounce, A. Rakaia, s.s. Bad eye 16 19 Sounce, A. Rakaia, s.s. Bad eye 16 19 Seckles, R. Wakanui, s.s. Pueumonia (fatal) 4 5 Shanagan, P. Canopus, s.s. Strained heart 10 18 Shanagan, P. Prank Guy, schooner Injured leg 13 19 Sima, P. Delphie, s.s. Scalded 3 16 Simmons, B. Torgauten, s.s. Loss of finger 26 2 Smith, F. Rinu, so. Injured leg 24 18 Smith, J. M. Wooton, s.s. Broken rib 10 18 Smith, J. M. Wooton, s.s. Pleurisy Still sick. Smith, J. M. Wooton, s.s. Pleurisy Still sick. Suiltvan, W. Wakatu, s.s. Preurisy Still sick. Suiltvan, W. Waiki, s.s. Stomach trouble 23 3 1 Suiltvan, W. Yasbel, schooner 12 16 12 16 Suiltvan, W. Yasbel, schooner 12 16 12 16 Suinth, J. Canopus, s.s.	· · · · · · · · · · · · · · · · · · ·		••			" finger	••	••	
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vyatt, J Kakala, s.s Effect of gas-fumes 24 18 (i	
	vyatt, J.	••	••	Kakaia, s.s.	•• ••	Effect of gas-fumes	•••	••	24_18 (
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RETURN of CERTIFICATES of SERVICE as MASTERS issued during the year ended 31st March, 1907.

Name o	f Person.				Class of Cer	tificat	e.	Date of Is	sue.	No.
		•						1906.		
Villiam Robert McKinstry					Restricted			20 April		2760
		••	••		11,,	••	•••	**	••	2761
Valter Eastick	••	••	••		ERRE ,,	••	••	,,	••	2762
lichael Moore	••	••	••			••	••	,,	••	$2763 \\ 2764$
	••	••	••		Restricted	••	•••	,,		276
	••	••	••	•••	,,	••	••	""		276
- <u>1</u>	••	••	••	•••	,,	••	••	**		276
	••	••	••	••	**	••	•••	,,	••	2768
	••	••	••	••	••••	••	•,•	**	••	276
	••	••	••	••	**	••		**		277
	••	••	• •	••	,,	••		,,		277
	••	••	• •	•••	,,	••		**		2779
	••	••	• •	••	"	••		» »		277
	••	••	••	•••	,,			,,		2774
I	••	••	• •		"			,,		277
	••	••	••		,,			**		277
homas William Lapwood		••	••		"			,,		277
tephen Thomas Wells	••	••	••	••	""			**		277
Irnest Athole Edgeumbe		••	••	•••	***			,,		277
	••	••• -						,,		278
Villiam James Lloydd	••	••	••	••	,,			,,	.	278
eorge Adam Blackweli	••	••			**			"		278
oseph Hodgson Ienry Vanderspeck	••	••			"			,,		278
Richard Gill Tregidga	••	••	••		"			,,		278
	••	••	•••	• • •	**	••		, ,,		278
Thomas Edlington Justav Mitchell Burnard	••	••			"			,,		278
Javid Hugh Evans	••	••	••		**			**		278
ohn Ware	••	••		••	39 33	••		"		278
	••							"		278
Ienry Francis Cook	••	••	••	••	,,			,,		279
Villiam Westrupp Villiam Robert Newton	••	••	••	••	,,			,,		279
eter Christensen Henrick	•••	••	••	••	,,			,,		279
		••	••	••	**	•••		**		279
ames McCormick	••	••	••	••	"	•••		,,		279
ohn Bowden	••	••	••	••	,,			,,		279
Alfred Henry Lapwood	••	••	••	••				"		279
homas Donovan	••	••	••	••	,,					279
ohn Osborn Ewing	••	••	••	••	,,			"		279
ames Williamson Ioseph Charles Wade	••	••	••	••	3,			"		279
Oseph Charles Wate	••	••	••	••	,,			,,		280
Richard Organ	••	••	••	••	**			· · · · ·		280
Frank Wilson Pope	••	••	••	••	,,			,,		280
Thomas David Wells	••	••	••		,,			,,		280
John Wilson Brownlee	••	••			**			,,		280
tabriel Gabrielsen	••	•••			,,			,,		280
George Henry Reeves					,,			,,		280
Thomas Reeves							·	,,	• • •	280
eorge Peter Williams					"*			,,		280
oseph Williams			••		Restricted			,,		280
Arthur Manuel Smith				••	4			,,		281
William John Tregidga	••				,, ,,		••	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		281
John Leonard Athfield					"			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		281
Edward Ryffel	••	••			Home trade	••		,,		281
Harry G. Wilkinson					Restricted		•••			281
John Kidson		•••			,,			,,]	281
John Wyman					,,			,,		281
Charles Ernest Scully					,, ,,	••		,,		281
Henry Archibald Going					,,		• •	"		281
James Cullen Williams				••	,,,		• •	,,		281
George White					,,		••	,,,		281
Frederick Mitchell Stanaw			•••		,,	••		,,		282
John H. Read					,,		••	**	•• (282
Harry Wade	••				,,			,,)	282
William Reed					,,			"		282
Edward Louis Reed	••		••		,,			,,		282
William Adams					,,	••		,,		282
William Ysker		•••			,,			,,		282
uthbert Leathart		••			"			,,		282
Ernest Sutton Chatfield		••						,,		282
John Campbell McInnes		••	••		,,			,,		282
			••		**	•••	••	,,		283
Thomas Scott Wallace Thomas Webber	••	••	••		,,					283
	••	••	••	••	,,	••		,,,		283
Alfred Henry Morgan	••	••	••	••	"	••	••	,,	••	283
Heorge Adams	••	••	••	••	,,	••	••	"	•••	28
Edward Harrison	••	••	••	••	""	••	••	"		283
Olaf Peterson	••	••	••		>7	••	••	"		283
Thomas Higham	••	••••	••	••	,,	••	••	"	••	283 283
William Robert Elvin	••	••	••	••	,,	••	••	"	••	202
Pontus Albion Polson	••	••	••	••	"	••	••	,,	••	283
Percival Bernard Berndts	on	••	• •		,,		••	,,		283

* Withdrawn. Certificate of competency since issued, 22nd November.

RETURN of CERTIFICATES of SERVICE as MASTERS issued-continued.

Name o	f Perso	n.			Class of (Certific	ate.	Date of l	Issue.	
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Villiam Edward Lowndes . John Dean	• •	••	••	••	,,	••	••	,,	••	$\frac{2}{2}$
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Ienry William Matheson . Ienry Kenton	 	••	••	••	,,	••	••	**	••	$\frac{2}{2}$
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ohn Joseph Rickhard Doy	le ·	••	••	••	**	••	••	,,	••	2
Villiam Sherlock	• •	••	••	••	**	••	••	**	••	2
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Villiam Findlay 'rederick William Grieken	••	••	••	••	,,	• •	••	,,	••	2
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homas Steadman Fletcher		••	••		**	•••		" "		$\tilde{2}$
Villiam Clapham Mountain					,,			,,		2
eorge Howe Cook .	•	••			,,	••		,,	•••	2
	•	••	••	•••	**	• •	••	,,	••	29
	•	••	••		,,	••	••	,,	••	28
illiam Henry Cook . eorge Nathaniel Wastrupp	•	••	••	•• }	,,	••	•••	,,	••	28 28
obert Wares	,	••	••		"	••	•••	**	••	28
141		••	••		**	••		"		28
enry Berg		•••	••		», »,	••		,, ,,		28
			••		,,			**		28
ichard Cox		••	••		,,	••		,,		28
eorge Manson Burfield Ga	lland	••	••	•••	,,	••	••	••	•••	- 28
ndrew Marshall Somerville	-	••	••	•••	,,	••	••	••	••	28
hn Johnson bert Thomas		••	••	••	,	••	••	,,	••	28 28
eorge Dahl Bronlund		••	••		**	••		,, ,,		28
braham Peter Bronlund .		••	••		s,			,,		28
hn Fraser			••		,,			,,	••	29
erbert Thomas Sergeant .	•	••	••		,,	••		**	••	29
narles Anderson .	•	••	••		,,	••		,,	•••	- 29
exander Bailey .		••	••	••	"	••	••	,,	•• [28
illiam Ralph Howell . enry Chapman		••	••	••	**	••	••	"	••	29 29
mes Stephens		••	••		**	••		**		29
mry Smith Hall		•••	••		**	•••		** **		28
hn Williams					**	•••		,,		29
orge Wilkinson .		••	••		,,	•• •		· .,		29
ward Roderique .	•	• •	••		,,	••		,,	••	29
nest Jurss		••	••	•••	,,	••	••	,,	••]	28
omas Bradshaw .		••	••	••	,,	••		,,	•••	29
nomas Wheeler		••	••	•••	,,	••	••	"	••	$\frac{29}{20}$
hn Urban Smith		••	••		,,	•••	••	**	••	29 29
ancis Oscar Lindquist		••	••		**	••		**		29
lvester M. Cotter			· • •		,, ,,	••		,, ,,		29
rl Furstenberg Yunge			· · ·		,,			,,		29
mes Mort					,,	••		,,		29
enry Cross		••	••	•••	,,	••	••]	,,		29
arles Goomes										29

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RETURN of CERTIFICATES of SERVICE as MASTERS issued-continued.

Name	of Pers	on.			Class of (Certifica	te.	Date of Is	sue.	No.
		<u> </u>						1000		
Villiam Spencer					Restricted			1906. 20 April		2926
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		••	••	••	,,	••	••	,,	••	2941
ewton Julius Jensen	••	••	••	••	,,	••	•••	,,	••	2942
rederick John Newsham V	Nest	••	••	••	,,	••	•••	,,	••	2943
enry Hansen	••	••	••	••	,,	••		**		$2944 \\ 2945$
	••	••	••	۰.	,,	••		,,	••	2945 2946
illiam Alexander Philips		•••	••	••	,,	••		,,		$2940 \\ 2947$
	••	••	••	••	,,	••	••	**		2947
	••	••	••	••	,,	••				2949
	••	••	••	••	,,	••		"		2950
bhn Iseac Franklyn Nixey bhn William Tumarrama		••	••	••	**	••		,,		2951
		••	••	••	"	••		,,		2952
	••	••	••	••	,,			,, ,,		2953
imson John Salamonson		•••			"			"		2954
	•••	••		••	,,			,,,		2955
					,,			,,	••	.2956
		••			,,	••		,,		2957
1 n	••	••		••	,,	••		,,	••	2958
mes McLellan		••			,,	••		`,,	••	2960
	••	••	••	••	,,	••	•••	,,	••	2961
		••		••	,,	••	•••	,,	••	2962
	••	••	••	••	,,	••	•••	,,	••	2963 2964
	••	••	••	< ··	,,	••	••	,,	••	2964
	••	••	••	••	,,	••	••	"	••]	2966
	••	••	••	••	,,	••	••	21 . May	•••	2967
	••	••	••	••	. ,,	••	••	-		2968
	••	••	••	••	,,	••	••	**		2969
	••	••	••	••	,,	••	••	,, ,,		2970
	••	••	••	••	,,,	••		,,		2971
	••	••	••		,,			,,		2972
	••	••			"			,,		2973
	••				,,			29 ,,		2974
illiam Henry Fitzsimmon					,,			30 ,,		2976
eorge Roden ·			••		,,	••		1 June	••	2977
		••			,,	•••		1 "	••	2978
1 Thu 1		••	••		,,	••	•••	,,	••	2979
^ ·		••	••	••	,,	••	••	,,	••	2980
mes John Gerrish		••	••	••	,,	••	••	,,	••	2981
	••	••	••	••	,,	••		"	••	2982
	••	••	••	••	,,	••	••	,,	••	2983 2984
0	••	••	••	••	".	••	•••	6		2984
	••	••	••	••	,,	••	••		••	2986
	••	••	••	••	,,	••	••	**	••	2987
	••	••	••	••	,,	••	••	"		2988
	••	••	••	••	,,	••	••	"		2989
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T • 1 1	••	••	••	••	**	••		· ,,		2991
TT 1	••	••	••	••	,,			,,		2992
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enry Craney	••	••	• ••	••	,,	••		,,	••	2998
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horvold August Johnson	••	••	••	••	,,	••	••	», ۱۳	••	3001
illiam Arthur Reddish	• •	••	••	••	,,	••	••	15 ,,	••	3002
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arles Rask	••	••	••	••	"	•-•	••	,,	•••	3007
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bert Julian White	• • • •	••		••	,,	••	••	,,		3009

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RETURN of CERTIFICATES of SERVICE as MASTERS issued-continued.

Nam	e of P	erson.			Class of	l Certifica	ate.	Date of I	ssue.
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ohn Jamieson			••		Restricted			[1906. 26 June	
lexander Joass	••	••	••	••	,,	•• •	••	,,	
eorge Lomas] . harles Simich	••	••	••	••	,,	••	••	,,	
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Villiam James Lambert	••	••	••	•••	,,	••	••	,,	••
harles Rolton	••	••	••	••	,,	••	••	,,	••
harles Walter Taylor	••	••	••	•••	,,	••	••	,,	••
ictor Oliver	••	••	••	••	,,	••	••	**	••
ohn Richard Preece	••	••	••	•••	**	••	••	,,	••
Villiam Masefield Channe	••	••	••	••	,,	••	••	2 July	
eorge Henry Cox		••	••	••	,,	••	••	2 July	••
harles Humphries	••	••	••	••	,,	••	••	**	•••
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lfred Mynn Bishop Villiam Oliver Caldwell	••	••	•••	••	,,	••	••	,,,	
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harles Norman	••	••	••	••	,,	••	••	,,	
eorge McLean	••	••	••	••	,,	••	••	,,	••
homas Madigan	••	••		••	,,	••	••	,,	••
Villiam Tanner	••	••	••	••	,,	••	••	,,	
Villiam Jonathan Scott	••	••	••		,,	••	••	,,	
rank Harrison	••	••	••	••	,,	••	• •	,,	
rederick Oliver	••	••	••	••	**	••	••	,,	
ean Marie Paitry	••	••	••	•••	,,	••	••	7,,	
rancis James Kirk	••	••	••		,,	••	••	,,	
arlo Jugovitch	••	••	••		,,	••	••	,,	
lbert Sandford, jun.	••	••	••	•••	,,	••	• •	,,	••
ohn Joseph Downes	••	••	••	••	,,	••	••	,,	
7illiam Reid	••	••	••	••	,,	••	• •	,,	
7 James Bennett	••	••	••		,,	• •	••	,,	
lbert Bray	••	••	••		,,	••	:.	9,,	
harles McCarthy	••	••	••		"	••		,,	
'illiam Edwardes	••				"	••		,,	
homas George Knox	••	••	••		"			,,	
enry Gallagher	••		••		,,		• •	>>	
rank White	••	••			"		••	,,	
illiam Shepherd	••			•••	"	••	••	,,	
seph Cross .	••		••	••	,,	••		,,	
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illiam Joass	••	••			"				
ederick Morgan	••	••			,,		••	**	
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illiam Reitmann	•••				"		••	"	••
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illiam Barker	•••	••	••	••	"	••	••		••
illiam Henry Penno	••	••	••		,,	••	••	14	••
hn Smith	•••	••		1	,,	••	••		626
wid Simmons			••	••	,,	••	••	"	
mes Philip Bennett	••	••	••	••	"	••	••	,,	••
fred William Chapman	••	••	••	••	**	••	••	,,	••
ward Clark	••	••	••	••	,,	••	••	,,	••
arry Williams	••	••	••	••	"	••	••	10 "	••
eorge Edward King	••	••	••	••	"	••	••	19 "	•:•
han Alexander Swansor	•••	••	••	••	,,	••	••	,,	••
mes McEwan		••	••	••	"	••	••	,,	••
nest Charles Zachan	••	••	••	••	,,	••	••	"	••
ark Nasanovich.	••	••	••	••	,,	••	••	,,	••
	••	••	••	••	,,	••	••	,,	••
seph Gallagher ter Malation	••	••	••	•••	"	••	••	"	••
ter Malatios	••	••	••	••	,,	••	••		••
thur Berridge	••	••	••	••	,,	••	••	21 "	••
lliam Humphries	••	••	••	••	"	••	••	23 "	***
in Fine McNabb	••	••	••	••	,,	••	••	,,	••
omas Wade	••	••	· • •	••	,,	••	••	"	•••
lliam Ballantyne	••	••	••	••	,,	••	••	24 ,,	+2.0
seph Waterreus	••	••	•••	••	,,	••	•••	,,	••
nry Ohio Ivey	••	••	••	••	**	••	••	,,	••
lliam Stephens	••	••	••	••	,,	••		,,	•••
lliam Johnson Hicks	••	••	••	• • *	"	••	•••	,,,	••
nes Henry Colquhoun	••	••	••	••	,,	••		,,	
mes Adam	••	••	••	•••	,,	••		,,	
arles Frederick Rolton		••	••	••	· "	••		,, ,,	
orge Couldrey	••	••	•••	••	"	••		,,	
orge Arthur Dix	••	••	••	••	,,			"	
n Thomas Alexander (••	••	••	,,	••		"	
hard Charles Elliott	••				"			06	••
nes Linton	••	••	••	••	" "	••		20 <u>,</u> ,	••

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RETURN of CERTIFICATES of SERVICE as MASTERS issued-continued.

Name	of Pers	son.	i an indu	1	Class of	Certifica	te.	Date of Issue	•	No.
Demolo Roop-ich					Restricted	-		1906. 1 August		3093
Romolo Scoponich	••	••	••	•••	1.	••	••	U		3094
eorge Daniel Constable		••	. ••	••	"	••	••	,,	••	3094
ohn Sweeney	•••	••	•••	••	"	••	••	,,		3090
eorge Thomas Shoebridg		••	••	••	**	••	••	"		3097
homas Wills	••	••	••	••	33	••	••	,,	••	3098
Villiam James Barnes	••	••	••	••	"	••	••	,,	••	3100
fontague Garnant	••	••	••	••	,,	••	••	"	••	310
oseph Gorman	••	••	••	••	"	••	••	**	. • •	310
Villiam Robert Huff	••	••	••	••	,,	••	••	"	••	310
ugustine Lomey	••	••	••	••	,,	••	••	,,	•••	
acob Valvoy	••	••	••	••	,,	••	••	**	••	310
homas George Walker	••	••	••	••	,,	••	••	,,	••	310
ndrew Manfred McMaho	n	••	••	••	,,	••	• •	,,	••	310
ames Lambert	••	••	••	` ··	,,	••	••	"	••	310
enry James Simmons	••	••	• •	••	,,	••	••	,,	••	310
ames Howard Wills	••	••	• •		,,	••		,,		310
rchibald Rykers	••				,,		••	,,	••	311
homas Frederick Marsto				••	,			,,		311
rthur Raymond Frost	•••				,,,		••	,,		311
dam Albert Dawson	••	••	••		,,	••	••	,,		311
larke Paikea					,,		••	"		311
avid Paenganui		-					••	,,		311
eorge Henry Bennett, ju		••	••		,,	•••		9		311
		••	••	••	"	••				311
oseph Loundes	••	••	••	••	"	••	••	4		311
rthur Francis Leader	••	••	••	••	,,	••	••	-	•••	311
ames Stewart	••	••	••	••	,,	••	••	"	••	312
ohn Griffith	••	••	••	••	,,	••	••	,,,	•••	
nton Middendorf	••	••	••	••	,,	••	••	14 "	•••	312
ames Barnes	••	••	• •	••	**	••	••	4 "	••	312
Villiam Hawes	••	••		••	,,	••	••	,,	•• 1	312
saac Hunt	••	••	••	••	,,	••	••	,,	•••	312
ohn Braslau	••				,,	••	••	,,	• •	312
obert Richard White	••	•;			,,	••		,,		312
oseph Tonge			••		**	••		7 "	· • • :	312
oseph ronge	••							1907.		
ils Trylsson		••			,,	••	••	5 January	•• ;	312
icholas Ketteho										312
Tenoras ixerteno	••	••	••	••	"	••	••	1906.		
eter Louie	••	••	••		>7	••		18 October		313
								1907.		
on Marquis	••	••	••	••	**	••	••	5 January	•••	313
1								1906.	1	
eter Stereous	••	• •	••		,,	••		10 September		313
icholas Kontos	••	••	••	••	,,	••		12 December]	313
eter Morlato					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			18 October		313
homas Ross	••				**			9 August		313
ndrew Hana							••	10 ,,		313
	••	••	••		,,	••		177		313
homas J. Cook	••	••	••	••	"	••				313
ichard Cook	••	••	••	••	"	••	••	20		314
Villiam Thomas Hansen	••	••	••	••	"	••	••	90	••	314
obert Wyles Farquhar	••	••	••	••	**	••	••		•••	
aul Julien Paitry	••	••	••	••	,,	••	••	3 September	••	314
ohn Grogan	••	••	••	••	,,	••	••	4 "	••	314
harles William White	••	· • •	••	••	,,	••	••	12 "	••	314
ichard Gibb	••	••	••	••	,,	• •	••	5 October	••	314
ewis Gibb	••			••	,,	••	••	,,	•••	314
aniel Barach	••	••	•••	••	,,	••	••	**	••	314
				• •	**			29 "	•• :	314
olin Campbell Norris									i.	314
olin Campbell Norris						••	• •	13 "	•• !	015
olin Campbell Norris Shristian Jorgensen Eugenio Bedogni	••			••	"	••	•••	6 December	••	
olin Campbell Norris Pristian Jorgensen Cugenio Bedogni		••	••	•••	27 33					315

Name	of P	erson.			Class of Certificate	•	Date of Iss	10.	No.
							1000		
George Coupar		•••		•	Steam fishing-vessel		1906. 3 July		1048
Joseph Anson Smith		••			0				1048
Robert Andrew Georgesor	ı				"	••	111 "		1049
Edward Roderigue					Oil-engine vessel	••	4	••	
William Phillips					U U	••	± ,,	••	1051
Joseph Burns		••		••	Steam vessel	••	,,	••	1052
William Fitzpatrick			••	••		••	"	••	1053
Peter Peterson		••	••	••	37 ••	• •	>>	••	1054
William Bowers		••	••	•••		••	"	••	1055
John McAllan Eadie	•• •	••	••	••	Oil-engine vessel	••	"	••	1056
Ebenezer Johnson	••	••	••	••	"	••	,,	••	1057
William Burnett Jones	••	••	••	••	"	••	7 "	••	1058
Thomas Shepard	•• *	••	••	••	Steam vessel	••	26 "	••	1060
) <i>i</i> D 7	••	••	••	••	· ». • •	••	,,	• • •	1061
	•• *	••	••	••	Oil-engine vessel	••	,,		1062
Thomas Bragg	••	••	· • •	••	77	•• •	30 ,		1065
Carl Furstenberg Yunge	••	••	••	••	27 77	••	,,		1066
Thomas Bradshaw	••	- ••	••	••	>>	••	3 August		1067
Peter Goomes	••	••	••	••	**	• •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		1068
Richard Hugh Dixon	••	••	••	••	22		4 "		1069
homas Fordham	••		••		"		- "		1070
eorge Henry Preston	••				,,		10	••	1070
					"	••	1907.	•••	10/1
Alfred Ernest Aaron Fear	••	••	••	•••	\$ \$	••	4 January		1072

RETURN of CERTIFICATES of SERVICE as ENGINEERS issued during the Year ended 31st March, 1907.

RETURN of LICENSES as COLONIAL PILOTS issued in pursuance of Section 190 of "The Shipping and Seamen Act, 1903," during the Year ended 31st March, 1907.

No. of License.	Date of	Issue.	Name	e of Licensee.			Port of Residence		Date of I Lice	Expiry of nse.
36 37 38 39 40	11 Aug., 3 April, 17 Dec., 28 19 Feb.,	1906 	Hugh Paterson John Grant Edward Wheeler Archibald Kennedy Charles McArthur.	• ••	•••	••	Dunedin Onehunga Wellington "	•••	11 Aug., 3 April 12 Aug., 21 Dec., 18 Feb.,	1907. ~ 1908.

RETURN of LICENSED ADJUSTERS of COMPASSES in New Zealand.

Date of 1	lssue.	Name of	Licer	1906.			Address.
9 April,	1896	Frederick Macbeth			•••	••	Dunedin.
15 "		Robert Strang	••	••	••		
5 May,	"	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	••	•••	••		Bron.
26 April,	1899	Robert Heddleston Neville	••	· • •			
26 June,	1900	Charles Frederick Sundstrun	n	•••			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		••			"

26

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1907.

Name of Person.		Rank.		Class of Certifica	te.	Date of Issue.	No.
William Doon Angus	•• •	Second mate		Foreign trade	• •	6 April, 1906	100
Murdoch Kenneth McGregor	•• •	"	••	"	••	11 " "	100
Hubert James Bridgen	•••		••	"	••	26 " ···	100 94
Henry Evelyn Howard Sandema		TTP P P P P P P P P P			••	30 May, " 29 June, "	100
David Cromarty Thompson Alexander Reginald Pryde			m	"	••	5 July, "	98
George Brotherton Morgan		0				2 Aug., "	100
Thomas Henry Ellis Lane					••	6 " "	100
Alexander James Rowntree Barr			••		••	9 " "	100
Thomas Carmichael	••••••		••	"	••	23 " " · ·	96 98
William Knowles	•• •		•••		••	00 "	90 79
William Gustav Deily William Donaldson Cameron	•••	36	••		••	4 Sept., "	101
Huntley Dryden		73' 1		, ,	••	6 " " …	94
William Sutton Gordon				"	••	19 " "	- 98
John Christian			• •	"	••	28 " "	91
Robert Sinclair	·· ·	Second mate	••	"	••	28 " "	101
John Henry Dray	•• •	B. M. 1	••		••	4 Oct., "	101
Frederick Stanley Wainhouse	•• •	10	••	"	••	10 "	101
Thomas James Skye William Percival Collis	••••••	finar a a	•••			20 " "	10
Herbert Ockenden	•• •					30 " "	101
John Bruce		0	••	"	••	7 Nov., "	103
William Nicholls		First mate	•••	"	••	30 Oct., "	102
Richard Christopher Cornwall D	yason .		••	"	••	3 Dec., "	98
John Kemp Mitchell	· · · ·		••	"	••	3 " " ··	101
Alexander Coe Smith	•• •	77.	••		••		101 98
William Bernard Robertson	••••••		••	"	••	0.7 1007	102
Robert James Underdown William Whiteford	•••••	-	••	"	•••	2 Jan., 1907 28 " " ···	9
Henry Claydon	••••••	100		"		30 ", ",	102
Alfred William Drew		1712		"	••	4 Feb., "	- 98
Geoffrey William Airey		. Second mate	••	"	••	8 " "	102
William Robert Allen			••	"	••	8 " "	95
William Wilkinson Wood			••	"	••	20 "	102
Hugh Hosking Williams	•• •	73' / /	••	"	••	1 March, "	92 92
Andrew Joseph Lockie	•• •		••	"	••		98
Leonard Robertson Herbert Hogan	•• •	n	••	"		aa " "	109
Alfred Herbert Woodnutt	••••••	- 107 - 11 - 12 - 12 - 12 - 12 - 12 - 12 - 1	••				10
Richard Garsdale Holmes		First mate				28 " "	9
William Kerian Morris		Mate	••	Home trade	••	3 April, 1906	556
Richard Gibson		Master		"	••	11 " "	551
Axel Philip Lantz		Mate	••	" -	••	20 " "	556
John Henry Nelson	•• •		••	<i>"</i>	••	3 May, "	556
William Edward Barnes	•• •		••	# 1.5	••	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	554 556
Richard Hart	•• •		••	"	••	11 " ' "	55
Robert John Hay Alfred Joseph Tointon	•• •		••	"	••		559
Karl Oscar George Brinck		1 .				31 " " …	558
Anton Johan Holm		3.6.1			••	5 July, "	556
Hugh McDermit	•• •		••	"	••	2 Aug., "	552
Hans Peter Sjolander Olson	•• •	Mate	• •		••	16 " "	557
Harry Alexander Newmark	•••••		• •	"	••	25 " "	557
Eversley Albert John Eden	•• •	35.4.	••	"	••	30 " "	550
Axel McKinnon	•• •		••	"	••	30 <i>" "</i> · · · · · · · · · · · · · · · · · ·	557 557
	•• •		••	"	••	30 <i>" "</i> · · · · · · · · · · · · · · · · · ·	55
Henry Williams Gustav Herman Peterson	•••••	Mashau	••	"	•••	5 Sept., "	55
Adolphus Parris				"		6 " " ···	551
Alexander Watchlin	•• •	36.1.	••	"	••	26 " "	55
Henry Joseph Trewin	·· ·		· •,•		••	9 Oct., "	55
John Connor		36.1	••	"	••	30 "	552
Thomas Forsyth	•• •		••	<i>"</i>	••	1 Nov., "	557
Oliver Frederick McIntyre	••.				••	16 " · · · · · · · · · · · · · · · · · ·	557 558
Desmonde Ryall Probert Nathaniel Morgan	•• •	35.1	· · * *	• • "	•	0	558
James Gifford Tait	•••••	101:	· · · ·				558
Thomas Matheson Jackson	· • • • •		••••••	• • "		30 Jan., 1907	558
Robert Charles Quinn		Master	•••••		•••	20 Feb., "	558
Chomas Henderson		First mate	· · ·		• •	20 " "	558
Iemen Walter Vile		37 1			••	4 March "	555
Frank Ship	•• •	- M.C	· • •			5 " "	558
Henry Thomas Hart	•• •	No		River made	••	20	558
	•• •	• • •	••	River trade	••	20 April, 1906	343 343
Charles Staniland West Robert Pugh	•• •		•••	· · · · · · · ·	•••	09 10	343
Robert Pugh Bert Dean	•••••••••••••••••••••••••••••••••••••••		· · · ·		••	31 " " · · ·	348
William Baker	•• •	+ ·	• ••	<i>"</i>	• • •		343
Owen Jones			•••••••	"		6 June, "	344
Henry Hermon Corleison			• • •	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	••	14 "	344
William Sutherland	•• •	and the second	° '		••	26 " "	344
William Anderson			••	"	••	26 " "	344
Ivan Vasta	•• •		••	"	••	27 " "	344
John Benjamin Charles Dore			••	"	••	12 July, "]	344

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1907—continued.

Næme o	f Person.	· · .		Rank.		Class of Certifi	icate.	Date o	f Issue.	No.
William Jago Glover	••	••		Master	•	Biver trade	, 		1906	344
Rudolph Schultze	••	••	••	<i>w</i> ,	•	" .	, 	12 "	"	344
William Fincher Cout	,	••	••	# ·			, ••	27 "	" ••	344
William Mikkelson William Thomas Hool	••	••		#			, 	27 "	" ••	344
Hans Peter Sjolander		••		// . ^{36 -} • • • • • •	- 1	"	••	9 Aug., 16 "	"	345 345
Bertram Beighton Mc				<i>"</i> · · · ·				16 " 16 "	" ···	345
John Hamilton	••				- 1			28 "	* ••	345
loseph Joss	••	••	••		•		••	28 "		345
Frank Forbes Lownde	s	••	••			"	••	31 "	·· • •	345
John Penk	••	••	••			u .	•••	31 "	<i>"</i> ••	345
Basil William Hennin George Bennett	ş	••	••	<i>"</i> •• •			•••	5 Sept., 6 "	" ••	845 845
Lionel Thomas Kitchi	1g					. "		6 "	" ••	345
Iarold Peace White	•••	••	••	" , , .	.	."		11 "		346
Oudley Yate Fosbroke	•••	••	••		•		••	11 .	"	346
Robert Alexander McI	onald	••	••	· · · · · · ·	•	"	. 	11 "	" ••	346
homas George Dare	••	•.•	••	<i>"., ••</i>	- 1	, " ",	••	11 , 4 Oct.,	" ••	346
Villiam David Ruthe harles Absolam Spen	Ar	••		<i>"</i>		"		16 "	<i>"</i> • •	346 346
Villiam Francis Sand						#		16 "	"· ··	346
Ierbert Arbon Couldr			••	,		"		16 "	<i>"</i>	346
hilip Henry Jenkins	•••	••	••		•	"	••	23 "	"•••	346
homas Joseph Bogue	••	••	••		•	"	••	14 Nov.,	"	346
oseph William Tarry	••	••	••				••	14 "	<i>"</i>	347
Fregory George Norris Douglas William Edw	 wd	••	•••	<i>"</i> "		. //	••	8 Dec., 13 "	<i>"</i> ··	847 847
Henry Samuel Lowthe		••	••	<i>"</i> ,	1		••	16 Jan.,	1907	347
Villiam Harrison	- ··	••		····				28 "	,	347
homas Edward Nixon	L	••	••			"	••	4 March	"	347
lfred Keane	••	••	••	" ••	•	"	••	14 "		347
ohn Joseph Dromgoo		••	2.1	· · · · · ·	• ,		••	22 "		347
tichard Harold News		••	••	3rd-class engineer	• •	Foreign trade	••	6 April,	1906	87
ndrew Craig lobert Drysdale Jack	••	••	•••	1st-class engineer	•	"	••		<i>"</i> ··	87
saac Harold Plimmer		••	•••	3rd-class engineer		."	••	25 <i>"</i>	" ··	87
ugustus William Can		lonald		"		"		27 "	" ···	88
lexander Inverarity	••					"		4 May,	"	88
Iarry Francis Blackie		••	••	1st-class engineer		" .	••	4 "	"	59
rederick William Ho	vell Davids	son	••	2nd class engineer.	•	, "	••	9 "		67
aurence Godfrey Tuk		••	••	3rd-class engineer	•	"	••	9 <i>"</i>	"	88
lbert Walker rthur Charles Carmai	••	••	••	1st-class engineer	•	"	••	17	" ••	88 49
ohn Stewart	••	••		3rd-class engineer				17 " 23 "	····	88
lenry Andrew Bower	••	••		" .,		, "	••	23 "		88
rthur Russell Scott	••	••		"	•	"	••	23 "	" ••	88
Villiam Walter Sparge		••	••	" ••	•	"	••	23 "	"	88
ndrew Smart Young lichard George Macka	••	••	••	•••	•	. "	••	23 <i>"</i> 23 <i>"</i>	"	88
llen Leslie Gatland	y	••	••				••	23 "	<i>"</i> ···	88 89
ouis Emanuel Cassre	lls	••	31	., " ., ••	·] -			23 "	"	89
avid Theophilus Giln		••		· · · ·	1	.,"	••	23 "		89
homas Douglas Milne	••	••		1st-class engineer		,"	••	14 June,		89
amuel Joseph Hodge	••	••	••	3rd-class engineer	•		••	14 "	"	890
ohn Hesp Burn	••	••	••	"	1 L -	"	••	14 "	· # ••	89
ldgar William Andrey Ierbert Gillespie Mac	nieł	••	•••	. #	ł		••	14 <i>"</i> 14 <i>"</i>	" ••	89
homas John Rothe		••					••	14 "	" ··· " ···	89 89
vril Hordern Macgeo	ge	••		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		," "		26 "	" ··	899
ecil Willie Croll	••	••	••			."		26 "	<i>"</i>	90
Villiam Wood Wilson	••	••	••	1st class engineer			••	29 "		90
eorge Timms	••	••	••	3rd-class engineer	•	"	••	10 July,	"	90
ric David Warren	romler ¹	••	••		1	, "		10 "	" ••	90
ichard John Leslie E eorge Sydney Connor	ronney	••		· · · · · · · ·		"	••	10 " 10 "	"	90 90
ndrew Stirling Forres	ter	••		1st-class engineer		<i>n</i>		10 ″		90 90
idney Black Crawford		••		2nd-class engineer		·		17 "	"	70
harles Adam Michael				3rd-class engineer		."		20 ″		90
ohn Hamilton McLee	n	••		1st-class engineer	.]	"		27 "		90
avid William Shields		••	••	3rd class engineer		"	••	2 Aug.,		908
ohn Sydney Whittake	r	••	••	1 at alara anginaan		, "	••	.8 "	<i>"</i> ···	90
llan Hugh Hunter ames McBeath Calder	••	••	••	1st-class engineer 3rd-class engineer		. "	••	8 ″ 17 ″	" ···	52
harles William Thom		••		-	i	"		17	"	91 91
tanley William Max		••				"		17 "	" ···	91
eonard Spencer Tayl	or			"	1	"		17 "	<i>"</i>	91
dward Wimperis Joac	him	••		" ••		"	••	17 "	" ••	91
ecil Edwin Bryant	••	••		"•••		"	••	17 "		91
ames Arthur Brown	•• •• Dla •b	••	••	" ••		"	••	17 "	<i>"</i> · · ·	91
ames Reginald Armst			·	<i>ii</i>	•	**	••	17 "		91
Villiam Frederick Car ordon Maston Renni		••	••	. × ₩ ••		".	••	17 <i>"</i> 17 <i>"</i>	" ••	91
Valter George Fraser	•••	••		* •••	-		••	17	"•••	91) 92)
tephen Collier				<i>"</i>		"		17 "	"	92

RETURN of MASTERS, MATES, and ENGINEERS to whom CERTIFICATES of COMPETENCY were issued during the Year ended 31st March, 1907—continued.

Name of Person.		Rank.	Class of Certificate.	Date of Issue.	No.
Henry Louis Reeves		3rd-class engineer	Foreign trade	17 Aug., 1906	9
David William Bennie	••	"	" ••	28	99
Leurence Keilan McMurrich David Wilkinson	••		· · · ·	6 Sept., "	99
Andrew Robert Swann Cruickshank	••	1st class engineer	"		99 99
Edwin Harold Pengelly		3rd-class engineer	·· ··	20 " "	99
Paul Cuthbert Graham		"		20 "" "	99
Arthur Reginald Howe Francis	••		"	20 " "	93
Frederick Walter Robinson	•••	,	"	20 " "	98
Henry Dustin	••	and along anginoon		20 " "	9
James John Jack Percy Edmund Brewer	••	2nd-class engineer	" ••		5) 5)
William George Thomson		3rd-class engineer	··· ··		9
William Mowatt	••	" ••		4 Oct., "	9
John William Neilsen	••	"	"	4 " "	93
Stephen Herbert Head	••	w		4 " "	9
Chomas Corr Charles Allan Watson	••	• ••		4 " "	9) 9)
John Heath Johnston	•••	1st-class engineer			98 50
Arthur Lister	· · ·	3rd-class engineer	··· ··	8 <i>""</i> "	9
John Hambly Froom Naylor				1 Nov., "	9
Ernest Edward Low	••	2nd-class engineer		5 " "	70
Henry Cecil Heays		3rd-class engineer		7 " "	-94
Arthur Gretton Tomkies	•••		"	7	9
Frederick Henry Hopkins Frank Dunlop Malcolmson	••		· · ·	10	9. 9.
Vincent Rees Earnshaw		<i>"</i> •••	" · ·	17 Dec., "	9
David Gilmour Stephens			····		9
Percy Robert Hunter	•••			17 " "	9_{i}
ames Anderson	••	2nd-class engineer	<i>"</i>	28 " "	7
John Henry Prendeville	••	3rd-class engineer	"	5 Jan., 1907	9
Angus Charles McInnes	••	2nd-class engineer 3rd-class engineer	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	28	7 9
Henry Wooles Price	••			00	9
Thomas Carrigan			· · · · ·	7 Feb., "	9
Harry Mills Waygood	••			28 Jan., "	9
ohn Peter Burns	••		"	8 Feb., "	9
ars Gustieff Brundall			· · · ·	11 " "	9/
Herbert Lukins	• ••	"	"	11 " "	9
ames William Atkinson	••				9) 9)
Sydney Sellers	••	<i>•</i> ••	,,	144	9
Wilson George Blackwall.		2nd-class engineer	W ••	5 March, "	6
Chomas Beverley Rutter		3rd class engineer		9 , ,	9
John Herman Hall Holm	••		"	9 " "	90
lack Echardt Whittem	· • •	· · · · ·	"	19 " "	90
Henry Alexander Luke	••		<i>u</i> •••	21 " "	9(9(
Edward Kiernan	••	Engineer	River-trade (Steam)	21 11 April, 1906	20
Fred Albert Oddie		# ·· ··		96	20
William Denham			"	30 " "	20
George Andrews	••			28 May, "	20
William McFarland	••	" •• ••	"	28	20
Charles Ashby Elvey	••	w •• ••		28 " "	20
Harry French Ashcroft	••		· · ·	14 June, "	$\frac{20}{20}$
Harry Phillips	••			20 Aug., " 18 Sept., "	20
Peter George Kelly			· · · ·	10	20
oseph Suffield Huston	••		,	4 Oct., "	20
William Rowley Entwistle	••	* •• ••	" ••	27 " "	20
Samuel Stevens	••			24 Nov., "	20
Ernest Thornley Lancaster	••	" •• ••	<i></i>	24 " ···	20
Gerald Edwin Sampson	••		"	28 Jan., 1907 28	20 20
John Martin	••	N •• ••			20
James Berry		,	* ••	8 Feb., "	20
dam Gibson		N	"	8 , ,	20
Robert Mann Williamson Leathart	••		"	29 " "	20
Charles Frederick Bell	••		<i>"</i>	8 March,	20
Edward McSweeney	••	Marine engine-driver	" ••	10 July, 1906	1
Leonard McCarthy	••	"		30 " 8 Aug., "	1 1
Richard Clemens	••	"	,	28 Jan., 1907	1
Richard John Millar				8 Feb., "	î
William Shirras		2nd-class oil engineer		6 April, 1906	1
William Henderson Murdock	••	"	,	11 , ,	
Vames Somerville	••	"		11	
Philip James Kunst	••			16 May, "	
Laslia Clauda Davias		1st-class oil engineer		16 " "	Ì
Henry Paston Hewson	••	2nd-class oil engineer	<i>"</i> •••	19 " " 26 June, "	
Arthur Marychurch			"	20 June, " 20 Aug., "	
Thomas Stout Macgregor		1st - class oil engineer	"	18 Sept., "	i
William Richard Lockwood	••	2nd-class oil engineer	<i>"</i>	1 Oct., "	(
William Thwaites		-		1 " "	1

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RETURN of MASTERS ,	MATES, and	Engineers to wh	om CERTIFICATES C	of Competency were issued
	during the	Year ended 31st N	Iarch, 1907—contin	ued.

Name of Pe	rson.			3	Rank.		Class of Cer	tificate.	Date of	Issue.	
William Edward Plank .	•			2nd-class	oilen	zineer	Sea-going		4 Oct.,	1906	
ames William Hamilton.						,	<i>"</i> ···		8 "	,,	
lenry Hughes							<i>"</i>		9 <i>"</i>	"	
illiam Stewart Lockhead		••		1st-class	oil en	rineer			1 Nov.,	"	
				2nd-class			<i>"</i>	••		"	•••
		••	••	2110-01888	onen	Rineer	" ••	••		"	••
harles Alexander Kirkwo		••	••		"		<i>"</i> ··	••	17 Dec.,	1.00	••
ecil Gladstone Downey .	•	••	••		"		"	••	28 Jan.,	1907	••
avid Bruce Murdoch .	•	• •	••		"		" ••	••	28 "	"	•••
hn Martin		••		1	"		<i>"</i> ••		20 Feb.,	"	
lenry Kerby			••	Oil engir	leer		River-trade		2 April,	1906	
Villiam Fowler Christie .			••	,,			"		11 "		
illiam Henry Edmund I				"	••		,	• •	25 "	,,	
ohn Thomas Fenwick .				[••				25 "		
				"			"			"	1
		••	• •	"	••		"	••	16 May,	"	••
		••	••	"	••	•••	"	••	25 "	"	••
		••	••	"	••	•••	"	••	25 "	"	••
lexander Fraser McCallu	\mathbf{m}	••	••	"	••	••	"	••	25 "	"	•••
lfred Jones			••	"	••	••	. #	• •	25 "	"	•••
Villiam McKenzie Thomp	oson	••	••	"	••		"		25 "	"	•••
rancis Joseph Rambaud		••	••		••		"		25 "	,	
ohn Philip Artha		••		"			"		25 ″		
homas Bishton Turley .								••	25 "	a	
nders Godfrey Nordlinge				"			"	••	25 "	"	
		••	••	"			"	••	25 "	"	••
ames Hamilton		••	••	"	••	••	"	••	1 "	"	••
rthur Stephen Hyde .		•• •	••	"	••	••	"	••	14 June	"	••
Villiam Alfred Bradley .		••	••	"	••	• •	"	••	20 "	"	••
rchibald John Thorniecro		••	• •	"	••	••	"	••	2 Aug.,	"	••
harles David Graham .		••	••	"	••		"		2 "		••
rancis James Norris .		••	••	"	••		,,	• •	20 "	. "	
eorge Leonard Gregg .									20 "	"	
ichard Lionel Kemp Tea				-			"		20 "		
				"	••		"		18 Sept.,	"	•••
		••	••			••	"	••		"	••
Villiam Thomas Goldie .		••	••	"	••	••	"	••	18 "	"	•••
eter Pearson		••			••			••	18 "	"	••
tandish Knyvett Alexand	ler	••	••	"	••	••	"	••	18 "	"	••
ames Colquhoun .	•	••	••	"	••		"		18 "	. //	
dward Prior	•			"			,,		18 "	"	
ouis Godfrey		••					"		18 "		
				"	••				18 "	"	
							, , , , , , , , , , , , , , , , , , , ,		8 Nov.,	"	1
	•			"			"			*	••
		••	••	"	••	••	"	••	20 Dec.,	1007	••
	•	••	••	. "	••	••	"	••	28 Jan.,	1907	••
Villiam Moffatt	•	••	••		••	••	"	••	28 "	"	••
eginald Edward Jefferies	Scott	••	••	"	••	••	"	••	28 "	"	•••
lfred William Redman .			••	"	••		~	••	28 "	"	
	•	••			••				28 "		
barles Staniland West .								••	28 "	"	
obert Alexander Johnston				, ,			"		28	"	
	•						"	••	8 Feb.,	"	••
		••	••	Magtor	••	••	Fighing hast			"	••
dward Wilson	•	••	••	Master	••	••	Fishing-boat	սբսօ	29 Dec.,	"	••
zel Nilsson	•	••	••	"	••	••	5 tons Fishing-b cargo-vesse 25-tons	oat or al under	19 May,	"	
lilliam Frederick Mayen	harg		••						28 Aug.,		ļ
	•			"	••	••	. "	••	20 Aug.,	"	••
		••	••	"	••	••	"	••	28 Sept.,	"	••
		••	••	~	••	• •	"	••	22 Nov.,		•••
Villiam Edward Allen .		••	••	"	••	•••	a "		14 March,	1907	••
harles Henry Gibson .	•	••	••	"	••	••	Sailing-ves stricted lin	sel, re- aits	14 Nov.,	1906	••

RETURN showing the NUMBER of MASTERS', MATES', and ENGINEERS' CERTIFICATES issued in New Zealand during the Year ended the 31st March, 1907, showing the Number of Successful and Unsuccessful Candidates.

	A	uckla	nd.	We	lling	ton.	L	yttelt	on.	D	unedi	n.	Oth	er Pla	aces.		Total	в.
Class of Certificate.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.
Foreign - going masters and mates	22	33	55	2	9	11	8	9	17	9	7	16				41	58	99
Home-trade masters and mates River-steamer masters	27	12 4	21 31	16 11	16 2	32 13	4 2	1	5 2	4 2	1 1	5 3	 i	•••	·: 1	33 43	30 7	63 50
Sea-going engineers (steam) " (other me- chanical power than steam)	25 11	1	26 11	25 2	9 	34 2	8 	3	11	30 3	1 	31 3	13 4	7 	20 4	101 20	21 ••	122 20
River-steamer engineers River engineers (other me- chanical power than steam)	12 27	5 3	17 30	$5 \\ 1$	4 	9 1	1	1	2 	1 7	1 	2 7	2 5	1 1	3 6	21 40	12 4	33 44
Marine-engine drivers Master, fishing-boat or cargo- vessel up to 25 tons register	1 2	1 1	2 3	2 2	1 1	3 3	 	•••	•••	 1	••• ••	 1	2 	••	2 	5 5	2 2	777
Master, fishing-boat up to 5 tons register	1	••	1	••	. •	•••	••				••	••		••		1	••	1
Master, sailing vessel, re- stricted limits	••	•••	••	1	1	2	••	••	••	••	••	••	••	••	••	1	1	2
Totals	137	60	197	67	48	110	23	14	37	57	11	68	27	9	36	311	137	448

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, 1907.

-	4	,																
	Eng	Engagements and Discharges in Foreign Trade.	aents and Disch Foreign Trade.	arges in	Εp	Engagements a Home	ıts and Discharges in ome Trade.	rges in	Bug	Engagements and Discharges for Restricted Limits.	nd Disch 3d Limit	arges for ^{5.}	Total Er	Total Engagements.		Total Discharges.	Grand	Grand Totals.
Port.	Number of Seemen engaged.	Fees received.	Number of Besmen discharged.	Fees received.	Number of Seamen engaged.	Fees received.	Уцтбет оf Веятеп Безтясгой.	Fees receiyed.	Number of Seamen engaged.	Fees received.	Уптрет оf Seamen discharged.	Fees received.	Уитрег оf Веател.	Fees received.	Number of Seamen.	Fees received.	Учтьет оf Веатер.	Fees received.
			-	р о 1		a	_			x		ď		0		u u		
Andriand	1.615	a a a du	1 492	<i>,</i> ;	3,037	; 0	3.066	196 0 0 196 0 0	626	38 38 88 98 98	610	35 11 0		; თ		: - 1		;
Dunedin and Port Chalmers 2, 253	12,253	167 2 6	2,465	180 8 0		101 9 6	1,411	94 7 6	:	:	:	:	3,780	268 12 (0 3,876	274 15 6	È-	543 7 6
Greymouth	32	280	15	C1	252	ကာ၊	185	c1 ,	:	:	:	:	284	Ħ		νο (16
Hokianga	14	1 1 0	2		Ω.			-	:	:	:	:	61 G	20 0		77		ې د
Hokitika.	•	:		:	26		25	ৰ ৫	:	:	:	:	200	9		4		20
Invercargill	104	$\frac{7}{17}$ 0		9 4 6	95		69		:	:	:	:	66T	ې د	_	χ		ά
Kaipara	64	-		0	106		8	, cr	: '	•••	:'	:;		<u>0</u>	¢	n a		י ה
Lytielton	181	58 11 0	609		1,532	، در	1,476		OT 0		38		2,525	יו ככ	м 	n c	4	n N
Napier	47			χ	202		249	1,	0 5	04	00	00	400	- c		N L	-	ۍ م
Nelson	ວວ່	77	0		G67	<u>،</u> م	67.	٥ç	-	٥	N	n	DTQ	ົ່		Ę	÷	⊃ ç
New Plymouth	:	• •	: •	:;	417		200		:	:	:	:	# F	0-		0 P		q ç
Camaru	م	0 27 0		n et n	01	- 0	2 2		:	:	:	:	14	- 0		2		20
Patea	:	:	:	:	20	n a	35		:	: :	: :	: :	5			2 6		2 2
Prvartv Bav	15	1 2 6	: #	0166	207	13 6 0	195	12 13 0	: :	::	: :	::	222		206		428	
Russell	:	:	:	:	:		:	:	:	:	:	:	:			•		:
Tauranga	:	:	:	:	1	016		÷,	:	:	:	:		n :		,		က
Thames.	9	060	9	060	-9	თ	9	5-	:	:	:	:	12	18		16		14
Timaru	22	1 13 0	10	15	168		136	က်	:	:	:	:	190	4		318		; ;
Wairau	:	:	:	:	58 78	2 2 0	35	$\begin{array}{c} 2 & 12 & 6 \\ 2 & 2 & 6 \end{array}$:	:'	: '	:;	50	57 L 57 C	0 35	5 17 0 5 17 0 7 17	381	4 14 6
Waitara	:	:	:	:	24	16	52	0	14	0 T T	1.5	9 AT 0	20.00	in o		5		
Wanganui	ი 	13			227	5	209	ກ	:	:	:	:	230	0;		না		۵,
Wellington	1,523	16	0 1,342	82 7 6	3,040	182 15 0	3,179		:	:	:	:	4,563	H	4	ې م	ົ	g ı
Westport	. 114		02	S	223	19	191	Π	:	:	:	:	337	10		16		
Totals	6,647	473 8 0	0 6,211	437 5 0	11,729 772 13	772 13 0	11,458	754 7 9	689	42 13 0	667	39 11 6	19,065 1	1,288 14	0 18,336	1,231 4 3	37,401	2,519 18 3
		_					-		_		-		-		-	_	-	

30

Deservoir	-f	Continue	and		D VROOM	e to	which	CERTIFICATES	of	SURVEY	were	issued in
LETORN	01	OTEAMERS	anu	OID-FUGIN	Е АГОРГГ	ou a	WILLOH	OBRITICATA				
		N	IEW .	Zealand d	uring the	Year	ended	31st March,	190)7.		

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<u></u>					ND during the	Nature	Class of	Min ber	imu of fo ses req	m N ollov of C juire ed.	ving	Remarks.
Name of Vessel.		Tons Register.	Nominal Horse - power of Steam-engines and Brake Horse power of Oil-engines.	Indicated H of Steam-en	Nature of Engines.	of Propeller.	Certificate.	Able Seamen.	Firemen.	Trimmers.	Greasers.	Reliars.
Admiral Advance		82	28 8		Compound Non-condensing	Screw	River Extended river		•••	•••	•••	
Advance		40	30		Oil-engines	,,	Home trade	2	•••		••	
Ahuriri	••	31	$\frac{17}{28}$	 98	Compound	" ••	Extreme river Home trade	2 2	1 1	•••	•••	
Akaroa Albany	•••	43 8	26 8		Non-condensing		River					
*Albatross		111	37]		Compound	"		••	• •	••	••	
Alexander	••	185	72	307	High programs	Twin-screw Screw	Home trade	4	3		•••	First survey.
Alice Anna		$\frac{1}{21}$	$3\frac{1}{2}$ 10		High-pressure Oil-engines	Screw	Home trade	i				Fishing-vessel.
Antelope		14	21					1	••	• •	•••	
Antrim	•••	35	17		Condensing	"	River	••	••	•••	••	
Aotea	••	$157 \\ 49$	33 16 1	70	Compound		Extended river Home trade	2	1			
Aorere Apanui		135	$\frac{10_{2}}{28}$	187	Triple-expansion	,	,	4	2			First N.Z. survey.
Arahura		771	147	1,726		Twin-screw	" • ••	7	6	ł 1	3	Tinat annuan i fab
Ariel	••	13	$2\frac{1}{2}$	•••	Oil-engines	Screw	// ···	1	••	••	•••	First survey ; fish- ing-vessel.
Atom			1		High-pressure		River				•••	First survey.
Atua		1895	329	2,450		Twin-screw	Foreign trade	9	9	•	3	First N.Z. survey.
Aupauri	•••	220	55	410	"	Screw	Home trade	5	3		••	, U
Awaroa Awarua	••	211 100	$\begin{array}{c} 62\\ 32 \end{array}$	450 212	Condensing	Paddle	River Home trade	4	2			Since wrecked.
Baden Powell		92	30	162		Sorew	" ••	2	2		•••	
Baroona		79	24	•••		<i>"</i>	Extended river	• •	••	•••	•••	First N.Z. survey.
Beatrice	••	8	$10 \\ 15$		Non-condensing Compound		River		•••			Fishing-vessel.
Ben Lomond Blanche	•••	33 18	13		Non-condensing		Extended river		••			
Blenheim		85	50	209	Compound	"	Home trade	2	2		••	Things around a fal
Bonnie Jean	••	5	2]	•••	Oil-engines	/	"	1	••	••	••	First survey ; fish- ing-vessel.
Bravo		13	5				" ••	1			•••	Fishing-vessel.
Britannia (A'klaı	nd)	108	40		Non-condensing	Paddle	River		••	•••	•••	
Britannia (Bluff)		18	2 1	1 107	Oil-engines Triple-expansion	Screw	Home trade	$\begin{array}{c} 1\\7\end{array}$	· · 3	$\frac{\cdot \cdot}{2}$		Fishing-vessel.
Canopus Canterbury	••	835	$\begin{array}{c} 250 \\ 24 \end{array}$	1,167	Non-condensing	Twin-screw	Extended river	i				
Chelmsford		79	$\bar{24}$	64		Screw	Home trade	2	1		•••	
Clansman		379	90	-569	" · ·	" ••	"	$5 \\ 2$	3 3		•••	
Claymore Cobar	::	92 57	$54 \\ 40$	295	" ··	<i>"</i>	River					
Colleen		15	2 1 2		Oil-engines	"	Home trade	1	••	•••	•••	First survey; fish-
a 1		122	- 24	1	Compound	a de la companya de l	River					ing-vessel.
Condor Corinna		820	141^{24}	1,067	Compound	,	Home trade	7	3		3	
Countess		84	28	•••		"	River		•••	•••	••.	· · ·
Cygnet	•••	66	43	170	Non-condensing		Home trade River	2	2		•••	Yacht.
Daphne Defender		117	$\frac{1}{36}$	144	Compound		Home trade	4	2			
Despatch ·		24	20		-		Extreme limits	1	1	••	• •	Fishing-vessel.
Dolly Varden		19	30	• • •	Oil-engines	"	Home trade Extended river	1	••	• •	•••	"
Doto Duchess	•••	19 95	13 81		Compound Triple-expansion	" ···	River		•••			"
Duco		25	60				Extended river	•••	••		••	Tug.
\mathbf{Durham}	•••	54	24	••	Compound	Paddle	"		••	•••	•••	
Eagle Echo	•••	138 98	70 60		Oil-engines	Screw	Home trade	2				First survey.
Edina		4	6		Non-condensing	* ••	River	•••	••	••	••	Towing only.
Eliza		•••	3		"	" ••	Extended limits		•••	•••	•••	1.5
Elsie Elsie Evans		15 6	8 20		Oil-engines	" ••						
Emma Sims		$\tilde{61}$	32		"···		Home trade	2	••	• • •	•••	This and the
Endeavour	••.	54	30	•••	Gammannd	"••	Extended limits	2		::		First survey.
Endon *Energy		$12 \\ 15$	$\frac{5}{16}$	48	Compound	n	Home trade	i	1			
Enterprise		14	$2\frac{1}{2}$		Oil-engines	"•••		1	•••	••	••	Fishing-vessel.
Erskine		98	35	109	Compound	·· // ·· ··	Extended river Home trade	· 2	· · 2	••	••	
Express Fairy	::	- 3 6 - 3 3	$\frac{25}{15}$	108	Non-condensing	"	Extended limits					Fishing-vessel.
Falcon			6	•••		· • • •	T		•••	•••	•••	
Fanny	•• [-55	30	149		" · · ·	Home trade River	2	2			First survey.
Ferro Fingal	::	$10 \\ 22$	20 11	 48	Oil-engines	// · · ·	Home trade	1				, .
Freetrader		94	30		Non-condensing	Stern-wheel	River	••	••		••	
Gael	••	55	20 6	**••	Compound	Screw	Extended limits	••	::			
Gannet (Picton) Gannet (Bluff)		15 18	6 5	· · · ·	Oil-engines	• · · · · · · · · · · · · · · · · · · ·	Home trade	1				First survey ; fish-
)					-							ing-vessel.
								}	1	1	1	

* Surveyed twice.

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

	er.	orse - power ngines and se-power of	Horse-power engines.	Nature of Engines.	Nature	Class of	ber Clas Lav	of f sses v re	of (quir ied.	wing Drøw	f
Name of Vessel.	Tons Register	Nominal Horse - power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated I of Steam-e	Neuro or mignes.	of Propeller.	Certificate.	Able Segmen.	Firemen.	Trimmers.	Greasers.	
Gertie	119	59	332		Twin-screw	Home trade	4 4	3 3		••	1
Glenelg Goldfinch	156	75 12	288	Compound Non-condensing	Screw	River	••			••	Fishing-vessel.
Gosford	57	30	••	Compound	"	Extended river	••	••		••	· •
Gordon Greyhound	- 9 - 83	$\frac{12}{50}$	•••	Oil-engines	"···	River Home trade	2			••	· · · ·
*Hamurana	24	3		Non-condensing	" ••	River	•••	••	• • •	••	
Haupiri	$\frac{452}{1,276}$	88 253	$\frac{493}{1,241}$	Compound	"···	Home trade Foreign trade	- 6 8	3 3		3	
Hauroto Hawea	1,270 1,114	104		Triple expansion	, , , , , , , , , , , , , , , , , , ,	,	7	š		3	
Heathcote Heather Bell	94 20	35 12	 	Compound Oil-engines	" "	Extended river Home trade	ï	••	••	•• ••	First survey; fishing-vessel.
Himitangi	149	45	243	Compound	"	"	4	2		•••	Moming Topport
*Hinemoa	8	$6\frac{1}{2}$		Non-condensing	". Twin-screw	River Extended river	••	••	••	••	
Hirere Huia (Thames)	32	16 8	2 ••	Compound Non-condensing	Screw	River				•••	
Huia (Wellington)	69	23	126	Compound		Home trade	2	2		••	
*Huia (Wellington)		$\frac{2}{10}$	• • •	Condensing Non-condensing	" ···	River Extended river					
Ida Ithaca	13	9		Compound	<i>"</i>	" ••			•••	••	
Jane Douglas	75	22 28	71	" · ·	" ••	Home trade Extended river	2 	1	•••	••	Tug and dredge.
J.D.O John Anderson	88 36	$\frac{28}{20}$	•••	u ••	" ·· " ··	Extreme limits					Tug una areago.
John Townley	85	40	•••	" ••	Twin-screw	Extended	•••	••	•••	••	
Kaeo *Kahu	147 99	60 40	193	Oil-engines Compound	Sorew	Home trade	4 2	2	••	••	
Kanu Kaituna	6	10		Oil-engines		River	•••	•••		••	First survey.
Kaituna (Dunedin)	$1,246 \\ 903$	$\frac{200}{117}$	$1,063 \\ 723$	Triple expansion	" · · ·	Foreign trade	7 6	3 3		3 • •	
Kamona Kanieri	115 - 115	20		Compound	" ··	Home trade	4	2			
Kapanui	75	32			<i>"</i> ···	Extended river Home trade	$\frac{1}{2}$	••• 2		••	
Kapiti Karitane	80 848	$\begin{array}{c} 35\\ 147 \end{array}$	206 900	Triple expansion	"	Foreign trade	6	3		3	First N.Z. survey.
Karoro	52	17		Compound	<i>"</i>	Extended river	••	••	••	••	
Kate Katikati	27	5 8	•••	Non-condensing Condensing	"	" ···	•••		•••	••	
Kawatiri		$2\frac{1}{2}$		Non-condensing	"	River	••	••]	••	••	
Kawau (Auckland)	53 131	20 43	187	Compound		Extended river Home trade	 4	·:2		•••	
Kennedy Kereru	96	55	••	Oil-engines	<i>"</i> ···		2			••	First survey
Kia Ora (Auckland)	157	$\begin{array}{c} 65\\ 24\end{array}$		Compound Non-condensing		 River	4	3	•••	••	
Kia Ora (Waikato) Kilmorey		24 1]		Non-condensing	Screw	# ··	•••		•••		e * • .
Kini	702	130		Triple expansion	"	Home trade	6	3 2		••	
Kiripaka Kittawa	75 708	$\begin{array}{c} 24 \\ 120 \end{array}$	110 718	Compound	" ··	<i>"</i> ••	2 6	23		•••	
Kittawa Koi	53	32	160	"•••	Twin-screw	Extreme limits	2	2	•••	••	First survey.
Koonya	663	115 13	749	Triple expansion Non-condensing	Single Paddle	Home trade Extended river	6	3	•••	••	
Kopu Koputai	5	120		Compound	. "	Home trade	i	3		••	Tug.
Koroi	••	9]	•••	Quadruple expan- sion	Screw	Extended river	•••	••	••	••	
Kotahi	9	18		Oil engines	"•••	Home trade	1	••		•••	
Kotare	79	20		Compound	"	. "	2	2	••	••	Formerly "Shir- ley Hassell."
Kotiti	42	14		"	" ••	Extended river					10J IIQDDUII.
Kuaka	33	90		Oil-engines	"	"	$\frac{\cdot \cdot}{2}$	·. 1	. • •	••	
Lady Barkly	39	20 1 1	71	Compound Non-condensing	" ··	Home trade River	2		•••	••	Yacht.
Little Jack Loyalty	68	35	175	Compound		Home trade	22	2	••	••	Fishing-vessel.
Lyttelton	39	80 14	191	Non-condensing	Paddle Twin-screw	Extreme river River		2	···	•••	Tug.
Lyttelton Mabeno	3,277	600	.†	Turbines	Triple-screw	Foreign trade	12	‡		‡	First N.Z. survey, turbines.
Maheno	24	60		Oil-engines	Screw	River		••		••	
Mahuta	11 45	13 13		Non-condensing	// ···	" ··	•••	••		•••	
Makarora Mana (Westport)	51	90		Compound	Paddle	Extended river	• • •			•••	
Mana (Wellington)	77	25 300	$126 \\ 1,535$		Screw	Home trade Foreign trade	2 8	2 6		· 3	· • · · ·
Manapouri Manaroa	1,288 78	24	156		<i>"</i> ··· <i>"</i> ···	Home trade	2	$\frac{1}{2}$			_
Manchester	366	160	•••		" ••	Extended river River	••	••	••	••	Dredge.
Mangaiti		6 28	 199	Non-condensing	<i>"</i> · · ·	Home trade	2	2		••	
Mangapapa Manuka	2,784			Triple expansion	Twin-screw	Foreign trade	11	9			et s
	,		1							_	

* Surveyed twice.

1 No provision yet made for turbine steamers.

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32

[†] Estimated 6,000.

RETURN of	STEAMERS	and	OIL-ENGINE	VESSELS	to	which	CERTIFICATES	of	SURVEY	were	
			issued	l, &c.—co	ntin	wed.					

				issued, &c	.—continue	d.					
	er.	orse - power ngines and se-power of	Horse-power engines.		Nature	Class of	ber Clas	of f ses 7 ree	of C quire ied.	wing Prew	
Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated H of Steam-e	Nature of Engines.	of Propeller.	Certificate.	Able Seamen.	Firemen.	Trimmers.	Greasers.	
Mapukau Manurere	45 	15 3 1	80 	Compound Quadruple expan- sion SIC	Screw " ··	Extreme limits River	2 	1 	•••	••	
Manuwai Mapourika	$94 \\ 718 \\ 1,381$		$1,076 \\ 3,865$	Non-condensing Triple expansion	Stern wheel Screw	 Home trade Foreign trade	· 7 8	 3 9	${2}{6}$	 3 3	
Mararoa Mascotte (Auckl'd)	1,501	3	3,000	Non-condensing	<i>"</i>	River	••	••		•••]	
Matarere		2		Compound 🕬	" ···	"	••	••	••	•••	
Matuku	••••	4		Non-condensing	"	TTomo trodo	$\frac{1}{2}$	••	••		
May Howard	55	$\frac{45}{372}$	4,491	Oil-engines Triple expansion	"	Home trade Foreign trade	10	· · · 9	6	3	
Moana (Dunedin) Moana (Greymouth)	$2,414 \\ 6$	7	1,101	Non-condensing	" ···	River				••	
Moeraki	2,715	357	3,984	Triple expansion	Twin-screw	Foreign trade	11	9	6	3	
Moerangi	16	273		Oil-engines	Screw	River Foreign trade	10		6	3	
	2,154	$255 \\ 4$		Triple expansion Non-condensing	" ···	River	10				
Motara Moturoa		10			"	"		••			
Mountaineer	66	50		Compound	Paddle		••	••	•••	•••	
Moura	1,247	275	1,810	Triple expansion	Twin-screw	Foreign trade Home trade	8 4	6 3	3	0	Dredge.
Murihiku	369 133	70 45	443 265	Compound	Screw	Home made	4	3			proupo.
Muritai (Auckland) Naomi II.	9	19	200	Oil engines	" ···	Extended river					
Napier	48	30	87	Compound	"	Home trade	2	1	••	••	Fishing-vessel.
Natone	50	24		" ••	"	River Extended river					
Naumai Nautilus	29 29	12 18		"••	" ···	Extended IIver				•••	
Nautilus	1,813		2,206	Triple expansion	Twin-screw	Foreign trade	9	9	3	3	
Ngapuhi	299	160	663	"	"	Home trade	5 5	3 3	••	•••	First N.Z. survey.
Ngatiawa	220 68	55 17	355	A	Screw	"	2	1			F 1150 11.22. Survey.
Ngunguru Nina	7	2		Compound	"	River	••	••		••	·
No. 121	394	100			Twin-screw	Extended river	•:	•••	• •	••	Dredge.
No. 222	502	120	528		"	Home trade	5 5	3 3	$\frac{\cdot \cdot}{2}$		First N.Z. survey
No. 850	488	••	750	Triple expansion	"	"•••		Ŭ		J	dredge
Ohinemuri	73	26	120	Compound	Screw	Home trade	2	2		•••	-
Ohura	34	60		Condensing	Twin-screw	River	·. 2	·:; 1	••	••	
Opawa	64	18 50	60 209		Screw	Home trade	4	2			
Oreti (Wellington) Oreti (Invercargill)	117	30	209	Non-condensing	"···	River] .]]]	•••	Lighter.
Orewa	37	17		Compound	"	Extended river	• •	••	• •	••	
Osprey	138			"	Paddle	River Home trade	$\frac{\cdot \cdot}{2}$	 1			
Paeroa Pania	46	15 11	66	"	Screw	Extended river					Fishing-vessel.
Pania Pareora	355	71		Triple expansion		Home trade	4	3		•••	-
Pateena	550			Compound			6 1	63	8	3	
Pelican		57 12	284	<u></u>	Twin-screw Screw	Home trade River					
Pelorus Penguin	517	180	932		Screw	Home trade	6	3		3	
Petone	388		525	Triple expansion			4	3	1 1	••	Thigh in a second
Phantom	18	11		Compound	" ••	Extended river River		••		••	Fishing-vessel.
Phœnix Pilot (Dunedin)	6			Non-condensing Triple expansion	"						
Pilot (Duneain) Pilot (Napier)	11	13		Compound	" ••	Extended river		••		••	
Piraki	10			Non-condensing	" ··	River	••	••	•••	•••	
Planet	13	8 40		Compound		Home trade	i	 3		•••	Tug.
*Plucky Poherua	749		704		"•••	"	6	3			Ū.
Presto		3		Non-condensing	"	River	••	•:		••	Durden
Progress	200			Compound	" ••	Home trade	4 6	2 3			Dredge.
Pukaki	917	110	623	Quadruple expan-	"	" ··	Ĭ	0		•••	
Purau	38	18		Compound	Twin-screw	Extended river	••	•••		•••	
Putiki	157	60	370		Screw	Home trade	4	3	••	••	
Queen of Beauty	$\begin{vmatrix} 9\\121\end{vmatrix}$		195	Oil-engines Compound	# ··	Extreme limits Home trade	1 4	2		•••	
Queen of the South Rakanoa	1,393		939		<i>"</i> ···	Foreign trade	7	3	2		
*Rakiura (Dunedin)			125	· ·	<i>"</i> · · ·	Home trade	2	2		••	Formerly "Rose
Rakiura (Bluff)	13	10		Oil-engines	" ··	"•••	1			••	Casey." First survey; fishing vessel.
Rarawa	460	140	1,055		"		6	3	1 1		
Result	18		1 ::	Compound	" ··	Extended river Home trade	•••	•••	F 1	••	Fishing-vessel.
Rimu *Binnle	144		459 290	Triple expansion	<i>"</i> · · ·	Foreign trade	4	3			First N.Z. survey.
*Ripple			200	.					1		

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* Surveyed twice,

Return	of	STEAMERS	and	OIL-ENGINE	VESSELS	to	which	CERTIFICATES	of	SURVEY	were
				issued	l, &cco	ntin	ued.				

Norma of Versel	.er.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Horse-power t-engines.	N	Nature	Class of	ber Clas	of f sses v rec	ollov of C quire ed.	ving brew	
Name of Vessel.	Tons Register	Nominal H of Steam-e Brake Hor Oil-engines	Indicated F of Steam-e	Nature of Engines.	of Propeller.	Certificate.	Able Seamen.	Firemen.	Trimmers.	Greasers.	Remarks.
*Rita	22	11		Compound	screw	Home trade	1	1	1 (Fishing vessel.
Riwaka *Rob Roy	19 34	$10\frac{1}{2}$ 16		" ··	" ··	River trade Home trade	2	$\frac{1}{1}$		•••	
Rosamond Rosetta	462 10	90 5	422	Oil-engines	"	* •• // ••	5 1	- 8 		•••	First survey;
*Rothesay	8	4 1		Compound	"	" ••	1	1			fishing vessel.
Rotoiti (Auckland) Rotoiti (Dunedin) Rotomahana (Auck-	630	$\begin{array}{r}2\frac{1}{2}\\104\\50\end{array}$	1,103	Triple expansion Compound	Twin-screw Screw	River Home trade Extended river	 7 	3		 3 	
land) Rotomahana (Dun-	915	450	2,620	"	"	Home trade	7	9	3	3	
edin) Rotokohu	11	8	•	Oil-engines	"	Extended river					Yacht.
*Rotorua Ruahine	6 12	 2 1	•••	- " ••	"	River Home trade	$\begin{array}{c} \\ 1 \end{array}$	•••	•••	· · ·	First survey ; fish-
Rubi Seddon	349	60		Triple expansion	Twin-screw	Extended river					ing-vessel. Dredge.
Rurahau Ruru (Auckland)	16 11	$2\frac{1}{2}$ 10^2		Oil-engines	Screw	Home trade Extended river	1	••	••		Fishing-vessel.
*Ruru (Napier)	65	50	$\dot{260}$		" ·· " ··	Home trade	2	3	•••	•••	First survey.
Savaii Scout	31 11	16 11	•••	Condensing Oil-engines	"	Extended river Home trade	· · · 1	•••	•••	•••	Fishing-vessel. Fishing-vessel;
Shamrock Sir Wm. Wallace	60 30	$120 \\ 20$	••	Compound	"	Extreme limits Extended river	2	••	••	•••	first survey. First N.Z. survey;
Southern Cross	403	117	545	Triple expansion	"	Foreign trade	6	3			fishing-vessel. Missionary vessel.
Speedwell Squall	31 133	10 60	${243}$	Compound	Stern-wheel Screw	River Home trade	 4	· . 2	••	•••	
Standard	9 157	10 90	$\frac{1}{227}$	Oil-engines	"	River Home trade	 4	· . 2	••		First survey.
Sterling	26	39	197	<i>«</i> ···	u "	# ···	1	2	••	•••	Tug.
Storm Stormbird	186 137	70 40	292 206	· · ·	" ···	u	4 4	3 2	•••		
Sumner Sunbeam	94 8	35 5		Oil-engines	" ··	Extended river Home trade	$\frac{1}{1}$	••	••	•••	Fishing-vessel.
Swan		ĭ		Steam rotary	"	River				•••	First survey;
Taieri	1,071	155	745	Triple expansion	" "11) ···	Home trade	7	3			yacht.
Tainui Tainui	46 60	20 24	122	Non-condensing Compound	Paddle Screw	River Home trade	$\dot{2}$	2	•••	••	
Takapuna (Auck- land)	58	20	•••	Non-condensing	Paddle	River	•••	• •	••	••	
Takapuna (Dun- edin)	472	165	1,493	Compound	Screw	Home trade	6	6	3	3	
	$1,370 \\ 110$		1,987	Triple expansion Compound	 Twin-screw	 Extended river	8	6	-	3	
Taniwha (Auckland)	191	40		- 	··· ··		••	•••	••		.
Taniwha (Timaru) Tarakihi	16 	4		Non-condensing	Screw	River	•••	•••	•••		Dredge.
Tarawera Tarewai	1,269 7	250 6	1,542	Compound Non-condensing	" ···	Home trade River	8	6 	3	3	
Taviuni	910	135	960	Quadruple expan- sion	<i>w</i>	Foreign trade	7	3	2	3	
Tawera (Waikato) Tawera (Auckland)	 44	8 40	•••	Non-condensing Oil-engines	"	River Extended river		•••	••	••	
Tawera (Te Anau)		25	1 045	Non-condensing	" ·· " ··	River	•••	•••			
Te Anau Te Waipounamu	$1,028 \\ 20$	250 2]	1,245	Compound Oil-engines	" · ·	Home trade	8 1	3	2 	3	First survey ;
Tere	7	12			"	River					fishing-vessel. First survey.
Thistle Thomas King	77 70	90 16	•••	Oil-engines Non-condensing	Twin-screw Screw	Extreme limits Extended river	2			••	Dredge.
Timaru	211	78	295	Compound	Twin-screw	Home trade	4	3	••	•••	"
Togo *Tongariro		14 8		Non-condensing	Screw	River	•••	•••	•••	•••	
Torgauten Toroa	197 174	$18\frac{1}{2}$ 91	$\begin{array}{c} 108 \\ 494 \end{array}$	Compound Triple expansion	" · · ·	Home trade	4 4	2 3	•••	•••	
Traveller Tuakau	•••	8 2	••	Compound Vertical	N	River				••	
Tuatea	58 30	$2\overline{8}$ 48	278	Compound	"	Home trade Extended river	2	3	••	•••	
Tuhara	74	60	•••			Home trade	2	•••	•••	•••	First survey.
Tuna (Gisborne) Uira		14 3 1	•••	Compound Non-condensing	Screw	Extended river River				•••	
Variance Victoria	19 92	$2\frac{\overline{3}}{50}$		Oil-engines Non-condensing	Paddle	Home trade River	1	•••		•••	Fishing-vessel.
Vivid	6 57	13 15		on "	Screw			••	••	•••	
Waihi	63	20	172	Compound		Home trade	2	$\dot{2}$			
Waikato Waimarie (Auck-	56 159	14 48		Non-condensing Compound	Paddle Screw	River Extended river		•••	••		
land))				<u> </u>	<u> </u>	

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* Surveyed twice.

34

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

Name of Vessel.	ster.	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 Num- ber of following Classes of Crew Law requires to be carried.					
	Tons Register.	Nominal I of Steam Brake Ho Oil-engin	Indicated of Steam-			Cerinicate.	Able Seamen.	Firemen.	Trimmers.	Greasers.		
Waimarie (Wanga- nui)	65	26		Non-condensing	Paddle	River			•••	••		
Wainui	411	95	568	Compound	Screw	Home trade	6	3				
*Waione	43			E		River						
Waiora			66									
Waiotahi	168	56	298		Twin-screw	Home trade	4	3				
Waipori	1,229	180	993	Triple expansion	Screw	Foreign trade	7	3	2	3		
Wairere	41	81		Non-condensing	Paddle	River						
Wairua			66	Compound	Screw							
Wairuna	2,530	396	1,965		"	Foreign trade	10	6	3	3		
Waitangi (Auckland)	34	62	394	Compound	Twin-screw	Home trade	2	ŝ				
Waitangi (Kaipara)	31	5		"···	Screw	River						
Waitohi	18	10				Extended river						
Waiwera (Henley)		16		Oil-engines	"	River						
Waiwiri		73	•••	Non-condensing	"	Extended river						
Wakatere	157	140^{-1}		Compound	Paddle							
Wakatu	95	23	161	- 	Screw	Home trade	2	2				
Wanaka	1.572	280	1,181	Triple expansion	"	Foreign trade	7	3	2	3		
Warkworth	24	10	1	Oil engines		River						
Warrimoo	2,076	490	3,713		"	Foreign trade	10	9	6	3		
Waverley	Ý 93	25	105	Compound	Twin-screw	Home trade	2	2				
Weka (Auckland)	86	27		- "	"	River						
Weka (Napier)	53	20			Screw	Home trade	2	1				
Westland	8	64		Condensing	Paddle		$\overline{2}$	3			Tug.	
Whakapara		$2\frac{1}{4}$		Compound	Screw	Extended river					Yacht.	
Whakarire	449	120^{*}	630	· · · ·	Twin-screw	Home trade	5	3			Dredge.	
Wootton	90	33	180	"	Screw	,	$\tilde{2}$	2			First N.Z. survey.	
Yankee Doodle		12	[Stern wheel	Extended river						
Young Bungaree	47	35	199	"	Screw	Home trade	2	2				

* Surveyed twice.

The compulsory-manning schedule of the Act does not apply to steamers and oil-engine vessels plying within river and extended-river limits.

RETURN of INTERCOLONIAL SAILING-SHIPS to which SURVEY CERTIFICATES were issued during the Year ended 31st March, 1907.

Now		Vogeol		Tons	Class of		me	n Number on required w to be car	1	Remarks.		
Name of Vessel.				Register.	Certificate.		Able Seamen.	Ordinary Seamen.	Boys.			
*Defiance				199	Intercolonial		4		1			
171		••		361	"		6 5	1	ī			
Empreza		••	•••	236	,		5.	1	1			
Frank Guy	••		• •	191			4	••	1			
Helen Denny	7	••	• •	695	"	••	8	1	2			
Hirotha	••	••		499	"		7	1	1	First survey New Zealand.		
James Craig	• •	••		646	"		8	1	2	Formerly "Clan McLeod."		
Jessie Craig	• •		• •	653	"	••	8	1	2	First New Zealand survey.		
<u></u>	••	••		396	"		6	1	1			
Pendle Hill	• •	••		222	"		5	1	1			
St. Kilda	••			189	"	• •	4	•••	1			
Wai-iti		••	{	690	"	••	8	1	2	First New Zealand survey.		
Zelateur				524	"	• •	7	1	2			

* Surveyed twice.

RETURN showing Number of FISHING-BOATS REGISTERED and LICENSED at each Port during Year ended 31st December, 1906.

	Port			Number registered.	Number licensed.	Port.				Number registered.	Number licensed.
Auckland	••	••		272	197			ward		772	670
Blenheim	••	••	••	2	2	New Plymou	ιτα	• •	••	19	19
\mathbf{B} luff	••	••	••	107	84	Oamaru	••		••	50	48
Dunedin and	Port (halmers	••	. 96	92	Patea	••		••	••	••
Greymouth	••	••		••	••	Picton		••	••	6	6
Hokitika	••		•••	4	3	Poverty Bay		••	••	6	6
Hokianga				12	12	Russell	••			51	51
Invercargill				58	58	Tauranga				6	6
Kaipara		· · · · ·	•••	26	26	Thames	• • •		•••	44	37
Lyttelton	••			106	106	Timaru				14	14
Mangonui	••]	13	13	Wanganui		••		1	1
Napier				39	39	Wellington				120	120
Nelson	••	••	•••	38	38	Westport	••	••	••	17	17
Carrie	d forwa	ard	•••	772	670	Tota	ls		••	1,106	995

35

TABLE showing, for the Year 1906, the Number and Tonnage of Registered Vessels (exclusive of River Steamers) of the Colony of New Zealand which were employed wholly in the Home Trade, partly in the Home and partly in the Foreign Trade, and wholly in the Foreign Trade, respectively; and the Number of Men and Boys (exclusive of Masters) employed thereon.

TABLE showing the Number and Tonnage of Sailing and Steam Vessels which remained upon the Register of the Colony of New Zealand on the 31st December, 1905; of those added to and deducted from the Register during the Year 1906; and of those which remained upon the Register on the 31st December, 1906.

	5	ailing Vess	els.		Steam Ves	sels.		Totals.	
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels	Gross Tonnage.	Net Tonnage
Upon the Register on the 31st December,		12 100	41,145	272	127,857	76,439	600	170,957	117.584
1905	337	43,100	41,145						
Added to the Register,- Vessels registered for the first time-									
 (a.) New vessels built at a port in the United Kingdom		••	••	4	6,840	3,850	4	6,840	3,850
British possessions	4	412	367	7	812	518	11	1,224	885
(c.) Purchased from foreigners Vessels transferred from ports in the	I	733	690			••	I	733	690
United Kingdom	2	1,517	1,456	2	782	320	4	2,299	1,776
possessions	I	126	98	4	478	251	5	604 1,586	349
Vessels registered de novo	7	1,113	1,019	5 x	473	250 28	12	28	1,200
Other vessels					48	28		55	35
Total added	15	3,908	3,637	23	9,461	5,245	38	13,369	8,882
Struck off the Register,-									[
Vessels wrecked or otherwise lost	10	I,076	994	г	19	13	11	I,095	1,007
Vessels broken up or unfit for use	9	565	559		•••		9	565	559
Vessels converted into hulks, &c		••		I	350	199	1 I	350	199
Vessels sold to foreigners	4	51	51	••			4	51	51
Vessels transferred to ports in the					1				
United Kingdom		••	••	•••			1	1	1
Vessels transferred to ports in British					ļ		2	770	711
possessions	2	770 1,006	711 957	2		153	I II	1,343	1,110
Vessels registered de novo	9	28	28	·*			1 1	28	28
Other vessels	1	20	20			ļ	-		}
Tonnage deducted on remeasurement or alteration (without re-registry)			27			14		<u></u>	41
Total deducted	35	3,496	3,327	4	706	379	39	4,202	3,706
Vessels on Register on 31st December, 1906	317	43,512	41,455	291	136,612	81,305	608	180,124	122,760

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, 1906.

						Sailing Vesse	ls.		Steam Vessel	s.
	Por	ts.		I	Vesseis.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage
Auckland					204	18,257	17,007	126	16,950	9,787
Napier	••		• •		Ġ	550	537	22	2,571	1,632
Wellington		••	••		23	3,687	3,520	36	6,857	3,604
Nelson		••	••		II	320	299	13	1,561	868
Lyttelton			••		23	4,775	4,612	11	2,996	1,284
fimaru	••	• •		•••	2	1,649	1,577	1	942	488
Dunedin		••	••		36	12,969	12,659	75	103,812	63,159
nvercargill	••	••	••	• •	12	1,305	1,244	7	923	483
-	Totals	••	••	• • •	317	43,512	41,455	291	136,612	81,305

Name of Lighthouse.	Order of Apparatus.	Description.	Period of Revolv- ing Light.	Colour of Light.	Tower built of	Dwellings built of	Date first lighted.
	1st order dioptric	Revolving	1'	White	Timber	Timber	24 Mar., 1879
Cape Maria van J Diemen		Fixed		Red, to show over Columbia Reef.			
Moko Hinou	1st order dioptric	Flashing	10"	White	Stone	Timber	
Tiritiri	2nd "	Fixed	•••	White, with red arc over Flat Rock	Iron	"	1 Jan., 1865
Ponui Passage	5th "	,,	1	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
Hast Cape	2nd "	Revolving	30″	"	Timber	"	10 Feb., 1878
Portland Island		Fixed		Red, to show over Bull Rock.	1	-	
Cape Palliser	2nd order dioptric	Revolving	*	White	Iron	Timber	27 Oct., 1897
Pencarrow Head.	2nd order dioptile	Fixed		" •• ••	"	"	1 Jan., 1859
Cape Egmont	2nd "	"	1		"	"	1 Aug., 1881
Manukau Head	3rd "			<i>"</i>	Timber	"	1 Sept., 1874
Kaipara Head	2nd "	Flashing	10″	<i>"</i>	"	"	1 Dec., 1884
Kaipala lieuu	2nd "		10″		"	"	24 Sept., 1877
Brothers		Fixed	••	Red, to show over Cook Rock.			
Cape Campbell	2nd order dioptric	Revolving	1'	White	Timber	Timber	1 Aug., 1870
Godley Head	0.3	Fixed			Stone	Stone	1 April, 1865
Akaroa Head	0.1	Flashing	10"	<i>"</i>	Timber	Timber	1 Jan., 1880
Jack's Point	441.	Fixed	••	"	Iron		1 July, 1904
Moeraki	01	- moa		"	Timber	"	22 April, 1878
Taiaroa Head	3rd "	"		Red	Stone	Stone	2 Jan., 1865
Cape Saunders	01	Revolving		White	Timber	Timber	1 Jan., 1880
Nugget Point	4 -4	Fixed		"	Stone	Stone	4 July, 1870
Waipapapa Point	2nd "	Flashing	10"	" •• ••	Timber	Timber	1 Jan., 1884
Dog Island	1st order catadiop-			<i>"</i>	Stone	Stone	1 Aug., 1865
Centre Island	tric 1st order dioptric	Fixed		White, with red arcs	Timber	Timber	16 Sept., 1878
			1 011	over inshore dangers			1 Mar 1070
Puysegur Point	1st "	Flashing	10"	White	"	"	1 Mar., 1879 1 Sept., 1876
Cape Foulwind	2nd "	Revolving	30″		T	"	
Kahurangi Point	2nd "	Fixed		White, with red sec- tor 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	"	"	4 Aug., 1862
French Pass	6th "	"	••	anchorage Red and white, with white light on	"	, <i>"</i>	1 Oct., 1884
Stephen Island	lst "	Group flashing	†	beacon White	"	"	29 Jan., 1894

DESCRIPTIVE RETURN of New Zealand COASTAL LIGHTHOUSES.

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

+ Two flashes in quick succession

1

0001	Name of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
	Endeavour (schooner), Fre- mantle, 117813	J. Rand, A.B.	Injured right shoulder	:	Auckland Wharf	Stepped on gangway, which was not made fast, and fell on the deck.
4440 0800	Clansman, s.s., Auckland, 87520 Kahu (scow), Whangarei, 102314 Canopus, s.s., Dunedin, 101490 Cvenet, s.s., Lyttelton, 91893	W. Donald, greaser J. Johansen, A.B. John Taft, A.B. B. J. Etheridze, mate	Strained baok Injured right foot Sprained ankle Right arm broken	::::	Auckland Whangarei Lyttelton Lyttelton	In attempting to lift a heavy brass bush he strained his back. Whilst unloading bricks one fell and injured right foot. Slipped on deek and sprained ankle. Bundle of leather fell out of sling and struck his right arm.
12 S	Seagull (soow), Auckland, 87534		Back hurt	: :	Mercury Bay	breaking it. While having vessel to wharf the line slipped off a post, and
16 N	Mararoa, s.s., Dunedin, 89380	J. Livingstone, A.B.	Strained right foot	:	Wellington	White fell against spokes of wheel, causing injury to his back. Whilst working about hydraulic gear he slipped and caught his
28 V	Wimmera, s.s., Melbourne,	E. Wright, fireman	Contused right thigh	:	On voyage, Lyttelton to Wel-	100t in the pipes, straming it severely. Washed by a sea against fore-hatch, and bruised right leg.
28 F	Rimutaka, s.s., Plymouth,	Robert McEllenney,	Drowned	:	Timaru Wharf	Fell off wharf, and was drowned.
6	Gannet (scow), Auckland, 82683	greaser James Evans, seaman	Internal injuries	:	Freeman's Bay, Auckland	While engaged discharging logs one slipped and crushed him,
II F	Kanieri, s.s., Auckland, 84490	M. Anderson, A.B.	Right ankle sprained	:	Whangarei	A sack of wheat injurtes. A sack of wheat fell from slings striking him on the leg, and
17 N	Mangapapa s.s., Auckland	John Kelly, fireman	Little finger crushed	:	Hauraki Gulf	spranning ins ankie. Whilst engaged trimming, a piece of coal fell and crushed his
118 118 118 118 118	Kia Ora, s.s., Auckland, 102289 Taniwha, s.s., Auckland, 102302 Seagull (scow), Auckland, 87534	Mrs. F. Nelson, stewardess J. Malley, fireman G. Broadfoot, mate	Broken arm Bruised hand Left hand bruised	: : :	New Plymouth Auckland Auckland	Slipped on deck and fell, fracturing her right arm. Band was caught by wheel of dynamo, and bruised badly. Whilst engaged discharging logs the jack slipped, and bruised
21 T	Taniwha, s.s., Auckland, 102302	T. Clayton, O.S.	Right hand cut	;	Auckland	Ins nand badiy. When coming out of forecastle, slipped and fell on some pipes,
24 F 26 A	Kassa (scow), Hobart, 55310 Aparima, s.s., London, 115807	Karl Anderson, A.B Frederick Perara, wharf	Drowned Killed	::	Wellington Harbour Wellington Wharf	걸렸道
31	Niwaru, s.s., London, 114854	labourer John Richardson, O.S.	ed left wrist,	and cut over	Queen's Wharf, Wellington	on hatches. Inquest verdict: "Accidental death." While descending ladder into No. 2 hold he slipped and fell into
5	Mararoa, s.s., Dunedin, 89380	E. Darnoch, greaser	right eye Injured foot	:	Between Wellington and	lower hold. Foot jambed in levers of valve-gear, badly damaging left heel.
E 8	Tongariro, s.s., Plymouth, 111356	A. Barratt, bosun's mate	right leg,	and several	Lytterton Wellington Wharf	While fixing weather screens on promenade-deck, fell between
15 J	Mokoia, s.s., Dunedin, 101483	G. Hampshire, fireman	bruises Arm injured	:	Between Wellington and	whilst putting coal on port fire the door slammed, owing to ship
15 8	Southern Isle (scow), Nelson, 102334	Karl Johansen, A.B.	Fractured skull	:	Lyttelton Wharf	roung, and caused the shoven in this name to induce the arm. When going on board at night he fell from wharf to deck, and from the shore of the shor
26	Niwaru, s.s., Auckland, 114854	C. Pitt, A.B	Crushed hand	:	Auckland	Whilst shipping insulator hatches the cross-piece of the upper before and error bis visit hand
~~ ~~	Manuka, s.s., Dunedin, 117582	M. McCann, A.B.	Injured leg	:	Dunedin Wharf	When the taking in timber the end of a log struck McCann, and pinned him against the skylight.

H.—15.

			NIROLI HO STOTIO NHR	na nunh reported			DEFAMIMENT, &CCOMMUNED.
Date of Accident.	Name of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	or otherwise.	Place where Accident occurred.	dent occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1906.							
July 6	Rotomahana, s.s., Dunedin,	H. Stephens, greaser	Loss of finger	:	Wellington	:	Whilst greasing engines Stephens slipped, and had third finger
; 8	Kia Ora (soow), Auckland,	William Bateson, Cook	Cut hand	:	Kawhia	:	out the hand with knife which he was carrying.
., 16	Queen Helena, s.s., Glasgow,	Frank Nelson, A.B.	Injury to head	:	Dunedin	:	Fell between wharf and ship into the water, and struck his head.
., 17	LIBLE Via, S.S., Auckland, 115205	James Duffercy, A.B.	Injured limbs	•	Auckland	•	Duffercy released winch when pawl was disconnected, and handle struck him on left arm and right leg, injuring both
,, 19	Defender, s.s., Sydney, 112520	William Brown, fireman	Injury to ribs	:	At sea	:	severely. Fell from main hatch on to lower deck.
	Mokoia, s.s., Dunedin, 101483 Waimarie, s.s., Auckland, 102282	P. McLean, A.B. W. Cunningham, O.S.	Fingers crushed Bruised fingers.		Auckland Auckland	::	Whilst taking in boat after drill got fingers crushed in chock. Whilst lifting bullion into safe slipped and fell.
. 31	Ripple, s.s., Lyttelton, 120627	Charles Williams, tireman	Hurt ankle	:	Wanganui	:	In getting down from forecastle-winch he stepped on a rope, and twisted his ankle.
Aug. 1	Rarawa, s.s., Auckland, 115207	C. Berry, A.B.	Bruised arm	:	New Plymouth Wharf	Wharf	Whilst heaving the ship to the wharf one of the chocks carried
	Ngapuhi, s.s., Auckland, 102329	William Millar, A.B.	Bruised knee	:	New Plymouth	:	away, and the summer but note struck perry's arm. Whilst steadying a sling of cargo it struck his left knee.
" ; , 10 #	Detender, s.s., Sydney, 112520 Medora (schooner), Auckland,	rk. Aspin Thomas, A.B	Injury to ankle Drowned	::	About 40 miles N.N.E. from	N.N.E. from	rell from ladder on to forecastle-deck. Vessel jibed, and Thomas was probably knocked overboard by
14	78380 Neamhi se Anckland 102329	George Roberts cook	Rmised knee		Taiaroa Heads	S	the boom ; master and other A.B. were below at the time. Whilst he was stead vince a sline of earce it struck his left bree
" "	Atua, s.s., Dunedin, 117591	D. Nelson, fireman	Fractured rib	: :	At sea	· :	Whilst firing and using the slice it struck him on the right side.
	Manuka, s.s., Dunedin, 117582 Waimarie, s.s., Auckland, 102282	William Klemp, fireman William Cunningham, O.S.	Bruised foot Crushed fingers	::	At sea Auckland	::	Whilst trimming coal a lump fell on his left foot. Whilst attending to the winch Cunningham leaned over to olear
25	Eunice (scow), Auckland, 102343	J. McDonald, mate	Concussion	:	Onehunga Wharf	: 12	the falls, and placed his right hand on the cogs. Whilst loading timber McDonald fell backwards into the hold
. 25	Moana, s.s., Dunedin, 101479	W. Clarke, fireman	Head cut	:	At sea, near Lyttelton	ttelton	on his head. Fell whist going into foreeastle.
" ~	······································	n. oyuus, A.D.	DIUDEU NALINA	:	DUBLIC	:	WILLS' avecturing to when the nature liew on the partret, and struck his wrist.
, 31	Kapanui, s.s., Auckland, 102311	P. Hansen, seaman	Burst vein in leg	:	Auckland Wharf	: :	Whilst making fast to wharf he struck his left leg against some timber.
Sept. 4 ,, 6	Moeraki, s.s., Dunedin Kamona, s.s., Auckland, 101486	E. Hayden, fireman John Wilson, A.B.	Fractured elbow Crushed foot	::	Dunedin At sea, near Lyttelton		Whilst slioing fires struck his elbow against bulkhead. Whilst lashing the forward hawser got his foot jambed between
., 14	Wakatu, s.s., Wellington, 64818	M. Colbert, fireman	Injured finger	:	At sea, near Lyttelton	ttelton	the grating and the forward bitts. Whilst on duty Colbert bruised the knuckle of middle finger of
" 19 97	Taviuni, s.s., Dunedin, 84500	C. F. Osberg, seaman	Right foot injured	:	Westport	:	rignt hand. When at boat-drill Osberg jumped from rail of ship to deok. While habiin to discharge on the brane miched his hash.
; ; ; ;	Aparima, s.s., London, 115807	George Stant, labourer	Head injured	::	Wellington	: :	Whilst coaling from "Pukaki" a basket of coal was being
	-	John Cashman, labourer	wrist injured	:)		hove up when the hook on lower block of topping-lift tackle carried away, causing the "Pukaki's" derrick to come down
							on "Aparings", deck, the gin-block struck Stant on the back of the head, severely injuring him. Cashnere was
							ime, and had h

RETURN of ACCIDENTS to SEAMEN and Others on board Ship reported to the MARINE DEPARTMENT, &c.--continued.

Date of Accident.	f Name of Vessel, Port of Registry, the and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	otherwise.	Place where Accident occurred.	d. Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1906 Oct.	5 Manapouri, s.s., Dunedin 8 Waiotahi, s.s., Auckland, 94250	R. Howearth, seaman James Coglan, second	Twisted ankle Injured spine	• : :	Raratonga Auckland	Fell down companion-ladder. Whilst cleaning brasswork on companion-steps Coglan fell.
[∞] <u>+</u> <u>:</u> " * * 15.	 Altair (scow), Auckland, 115200 Mokcia, s.s., Dunedin, 101483 Togo, s.s	J. Jansen, seaman J. Jansen, seaman T. Cuthbert, fireman Michael McCarthy, sea-	Injured leg Burnt face and arms . Drowned	::	Auckland Auckland Wellington Harbour	 A basket upon which he was standing capsized, and he fell. Whilst raking fires Cuthbert received a blast from the furnace. Whilst assisting in mooring a punt McCarthy stepped from the
50 50 50 50	En	man John Hume, steward J. Martell, seaman	Injured knee Bruised wrist	::	Auckland Between Whangaroa and	
, 23	11897 2 3 Clansman, s.s., Auckland, 87520	E. Williams, deck-boy	Killed	:	Kaeo Whangaroa	combing of hatch. Williams was taking the spring off the post on the wharf, when he slipped and fell between the wharf and the vessel. frac-
,, 23	3 Clansman, s.s., Auckland, 87520	F. Wilson, seaman	Injured knee	•	Between Whangaroa and $\frac{W}{W-1}$	3
,, 24	4 May (scow), Auckland, 94257	H. Hardwick, A.B.	Bruised arm	:	naeo Off East Cape	Whilst helping to break away the anchor he was struck on the
., 25	5 Waitangi, s.s., Auokland	C. Willis, A.B.	Injury to side	:	Parengarenga	right arm by the handle of the winch. Whilst vessel was laying at anchor the mate exploded a de-
" 27	7 Tarawera, s.s., Dunedin, 84480	J. Harrison, trimmer	Burnt feet	:	Lyttelton	Voltator, part of which struck the man and penetrated his side. Whilst sweeping dust off boiler, Harrison put his feet into some
,, 29	9 Clansman, s.s., Auckland, 87520	William Baker, A.B.	Injured back	:	Auckland	Whilst discharging cargo in lifting a bale Baker twisted the
Nov. 8	8 Ngapuhi, s.s., Auckland, 102329	C. Rider, A.B.	Crushed fingers	:	Whangarei Wharf	. Whilst assisting to moor vessel Rider got two fingers of left hand cruthed befuveen bow-line and windlass. Fingers had to be
288 828	0 Ngapuhi, s.s., Auckland, 102329 0 Muritai, s.s., Auckland, 89319 7 Delphic, s.s., Liverpool, 106851	James Oakes, A.B William Kelly, A.B P. Sims, fireman	Bruised foot Sprained ankle Scalded		Auckland Wharf Onehunga Dunedin	go a case fell v sugar fell and i nside of one of
Dec.	1 Ngapuhi, s.s., Auckland, 102329	E. Robinson, A.B.	Bruised knee	:	Whangarei	was accidentally turned on. Whilst engaged at boat-drill Robinson fell out of one of the
:	I Stella, s.s., Auckland, 69002	C. Malinguist, A.B.	Legs injured	:	Waiapu	boats. When taking in logs the rope surged and threw him across the
	4 Atua, s.s., Dunedin, 117591 4 Kotiti, s.s., Auckland, 102306	E. A. Clark, trimmer Charles Clark, O.S.	Crushed finger Fatal	::	At sea Entrance to Matakana River	88
	 5 Hawea, s.s., Dunedin, 101478 6 Opawa, s.s., Wellington, 91800 6 Takapuna, s.s., Dunedin, 84485 	Percival Fulda, steward Frederick Walker, boy J. A. Grieves, A.B.	Fatal Fatal	::::	Greymouth Wellington Between New Plymouth and	and was crowned. Fell off the wharf when going aboard his vessel, and was drowned. Drowned whilst bathing in the Opawa River.
£-	7 Kanieri, s.s., Auckland, 84490	John West, A.B.	Sprained ankle	:	Onenunga Auckland	Whilst discharging cargo he stepped on a piece of dunnage, and
., 11	1 Wanaka, s.s., Dunedin, 95018	A. Stewart, A.B.	Internal injury	:	Napier	Whilst rigging heavy gear he got jammed between the derrick
., 15	12 Wairuna, s.s., Dunedin, 118495	G. A. Pratt, fireman	Fractured ribs	:	Lyttelton	and a meat-safe. . Whilst washing paint-work in engine-room he fell.

	RETURN OF	RETURN of Accidents to SEAMEN and	and Others on board		Ship reported to the MARINE L	DEPARTMENT, &c.—continued.
Date of Accident.	Náme of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury : Fatal or otherwise.	otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1906. Dee. 12	Ysabel (schooner), Auckland,	A. J. Swanson, A.B.	Injured fingers	:	At sea	Whilst setting jib-stay got third and fourth fingers of right hand causifi in winch.
14	66578 Delphic, s.s., Liverpool, 106851	W. John Spooner, A.B.	Fatal	:	At sea	Fell from the fore-peak ladder. At Coroner's inquest jury found that death was due to heart-failure.
. 21	Ruapehu, s.s., Plymouth,,111357	James Scott, trimmer	Concussion of brain	:	Wellington	When going up gangway Scott fell from it to the wharf about 20 ft
., ²⁶		T. Baker, fireman John McDonald, A.B	Rupture	::	At sea Lyttelton	Whilst firing slipped on stokehold-plates. Whilst shipping passengers' luggage McDonald fell into the hold.
<u>1</u> 907. Јап. 7		Henry Kerr	Fatal	:	Outside Wairau Bar	When on a fishing excursion he fell overboard when drawing a bucket of water, and was drowned.
., 11	Y	Cyril Johnson, boy	Injured head	:	Between Kaipara and Lyttel- ton	Main-boom topping-lift carried away and fell on Johnson's head.
", 14		T. White, fireman	Sprained ankle	:	Wharf, Auckland	When cleaning a window in the engine-room the ladder on which he was standing slipped.
,, 18 ,, 18 23	Tarawera, s.s., Dunedin, 84480 Takapuna, s.s., Dunedin, 84485 Mokoia, s.s., Dunedin, 101483	R. Reilly, A.B C. Muir, fireman W. Olsen, steward	Injured leg Burnt foot Poisoned hand		Napier	When taking the stern-line along the deck Reilly fell. Whilst working near the boiler Muir got his foot burnt. Whilst shifting ease in store-room he scatched his left hand with
Feb. 8		J. Sutherland, A.B.	Crushed finger	:	and Auckland At sea	Whilst at boat-drill got his hand jammed between the boat and shirls site
., 15		Ernest P. Saunders, mate	Drowned	:	Shag Creek, Wairoa River	Whilst paying out the tow-line Saunders was caught in a bight of the rove and dragged overboard.
;;; 20	ĔΑ	A. Matheson, A.B. Gustav Hanley, A.B.	Injury to ribs Drowned	::	Lyttelton	Was struck on the left side by a sling of timber. Hanley had been peculiar in his manner, and was missed when the ressel was about seven miles off shore at Port Awanui.
,, 26	102336 Ngapuhi, s.s., Auckland, 102329	J. McCracken, O.S.	Burnt foot	:	At sea	Whilst crossing deck he stood on a steam-pipe, and burnt his right foot.
Mar. 5		James Baird, stevedore	Fatal	:	Wellington	When putting on the hatches on No. 3 hold the fore-and-aft beam slipped out of its socket, and precipitated J. Baird
. 15	Turakina, s.s., Plymouth, 114620	Henry Tobin, stevedore	Severely injured	:	Wellington	and J. Usher (who were standing on the narou) more the standing on the narour procession of the fall, but Usher was not injured. Whilst working at No. 2 hatch he overbalanced himself and fall into the hold. He sustained severe scalp wound, slight concussion of the brain, a broken collarbone, and contused
,, 16	Ngapuhi, s.s., Auckland, 102389	E. Robinson, A.B.	Crushed foot	:	Whangarei	spine. Whilst working in the hold a sling of cargo fell on Robinson's foot.
., 20	Taniwha, s.s., Auckland, 102302	Walter Cain, fireman	Injured knee	:	At sea	When carrying a bag of ashes up the ladder leading from the stokehold he struck his right knee against one of the steps,
	A yrshire, s.s., Glasgow, 119066. Rsngi (scow), Auckland, 118976	A. Mustard, carpenters ¹ mate Daniel McKay, cook	Fractured leg and arm, and severe- bruises Drowned	id severe	Dunedin Wellington' Harbour	and the injury developed into an abscess. Whilst arranging a ladder to go down the hold he overbalanced himself and fiell to the bottom of the hold. McKay was missed from his vessel from 25th March, and his body was found floating in harbour on 3rd April. At the inquest a verdict of "found drowne" was returned

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Date of	Vessel's Name, Age,	Rie	1948î Dage,	Num	Number of	¥.	Nature of	Number	Place where Casualty	5	Wind.		
	and Class.	ř	g9A InoT	Crew.	Passen-gers.	Cargo.	Casualty.	Lives lost.	occurred.	Directien.	Force.	Linduit of cours of land	Rame of Masser.
1905. Sep. 8	Whangape, a.s., 5 years	Schooner	1901	32	:	Sugar	Collision, and stranded; partial loss	:	S.W. of Piles Light, South Passage, Suva Harbour	Calm	:	The "Whangape" left Suva for Auckland with a cargo of sugar, and whilst going at half- speed turned into the passage and dis-	R. D. Watson.
									-			covered the cutter "Bronzewing," 14 tons, straight ahead, showing no lights. The "Whangape" kept to port side of passage as much as possible, going full speed astern to avoid the cutter, which was crossing the passage, using sweeps. "Bronzewing"	
	•											struck "Whangape" on starboard bow, and carried away her bowsprit. After pass- ing the cutter the "Whangape's " bows took the sandpoint, south-west of Pile light, grounding very lightly, and backed off at	
1900. Mar. 21	Aotea, auxiliary, 12 years	Schooner	68	80	;	General	Stranded; par- tial loss	:	Waipiro Bay	S.S.W.	Gentle breeze	muchinght on three-quarter-flood tide Mate did not carry out master's order to keep out to sea. Vessel mis-stayed, and went	John Brown.
30	Cygnet, s.s., 20 years	Schooner	99	П	:	Ballast	Broke tail- shaft	:	Guard's Bay, Cook Strait	Ø	Squally	ashore Vessel broke her tail-shaft 4 in. inside pro- peller-boss. Breakage apparently caused	Alexander Innes Murray.
April 4	Aorere, s.s., 21	Ketch	49	<u>6</u>	:	General	Stranded; no	:	Inside Patea bar	S.S.W.	Light	by granulation from wear and tear Casualty caused by continuous westerly winds	A. H. Fisk.
10	Mimiro, s.s., 6 years	Schooner 4025	4025	55	:	Wool, flax, &cc.	Hire	:	Glasgow Wharf, Wel- lington	N.W.	Light	No evidence as to cause of fire. It may have been due to spontaneous combustion, or the far mor have hear wilf all and the hear hear	Fredk. Charles Lidstone.
10	Perthshire, s.s., 12 years, 100 Al	Schooner	3622	28	• •	General	Stranded ; no damage	•	Pania Reef, near Napier Breakwater	Ň.	Light	We have used used been within the bit of the	E. T. Cremer.
17	Mararoa, s.s	Schooner	1381	76	313	General	Stranded; no	:	Outside Western Mole,	S.W.	Moderate	Ň	W. Manning.
19	Warrior, scow	Schooner	73	Ъ	;	Timber	damage Stranded; total loss	:	Lyttetton Oakuru, New Plymouth	ø	oreeze Very light	bour, but got on again in a few hours Vessel cast ashore by the westerly swell, in consequence of the wind failing and render- ion it immossible to wood some and render-	C. Anderson.
,.		-						· ·	•	·		• ***	
". 21 or 22	Ronga, schooner, 6 years	Septemen	63	9	•	Coal	Capaized ; par- tial loss	6	Sumposed it o abe off Cape Campbell	φ <u>ά</u>	Gale	of the inquiry, ±6 3s. Vessel left %yttetton at mid day on 21st April, 1906, and was sighted next morning off Cape, Campbell, bottom up. It is supposed she conviced out to the violence of the wind	E. O. Pétersen.

RETURN OF WRECKS and CASUALTIES to SHIPPING REDORTED to the MARINE DEPARTMENT from the 1st April, 1906, to the 31st March, 1907.

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	;		RETURN et e. Nu	URN	AN OF WE	WRECKS and of Na	CASUALTIES ture of	to SHIPP	BHIPPING reported to the MARINE DEPARTMENT, &cconunued unber wind.	ARINE I	UEPARTME Wind.	ыт, «с.—соп ипие а.	
tinundity.	Vessel's Name, Age, and Class.	별	sigeA sanoT	Crew.	Passen- gers.	Cargo.	Casualty.	or Lives lost.	case water cantainty occurred.	Directien.	Force.	Plading of Court of Inquiry.	Name of Matter.
190 6. April 29	River Hunter, 14 years	Barquen- tine	284	10	:	Ballast	Stranded ; total loss	:	Whangape Heads	N.W.	Strong breeze	0 <u>5</u> 8	Robert Alex. Campbell.
May 4	Irene, scow, 17 years	Schooner	37	ಣ	•	Timber	Stranded ; total loss	:	N.E. end of Whanga- paroa Head, Hauraki Gulf	N.N.E.	Strong breeze	and the tow-line was detective. Vessel stranded before she could get back No loom of land visible, and only one glimpse of Tiri Tiri light. Vessel having very little draught sagged to leeward in the heavy sca,	Andrew Dono- van.
5 9	Devonport, 28 years	Barque	291	10	:	Timber	Leaking ; con- demned	:	Between Greymouth and Wellington	N.E.	Moderate gale	and went ashore The ship was on a voyage from Greymouth to Warnambool with a cargo of white-pine timber. She put into Wellington leaking badly, and was surveyed, and condemned	Robert Watt.
* *	Tasman, s.s.	Schooner	87	13	:	Coal	Fire, slight	:	4 miles W. of Jackson's	W.N.W.	Moderate	as unseaworthy Fire probably caused by the fusing of the electric-light wire in the forchold	P. A. Gibbons.
" 19	Haeremai, scow, 2 years	Schooner	61	ъ¢	:	Timber	damage Total loss	υ	Last seen off East Cape, North Island	:	Furious gale	The vessel was last seen by the East Cape Island lighthouse-keeper on the 19th May, passing the East Cape, and on her way	J. G. Morris.
												A day or so after the vessel passed East A day or so after the vessel passed East Cape the weather became unusually stormy, and the only reasonable inference to be drawn from the evidence is that she was	
. 33	Opawa, s.s., 10 years	Schooner	64	12	с ў	General	Lost propeller	:	¹ / ₂ mile south of Falcon Shoal, Wellington	N.W.	Strong	lost, with all hands, shortly arter the 19th May Propeller dropped off; no damage to ship	Edward Shaw.
* * %	Natone, s.s., 6 years Uta, 7 years	Schooner Cutter	50	നന	: :	Tug Pilot-boat	Collision ; no damage	:	Off end of No. 1 berth, Wellington Harbour	S. H	Light	Probable that if ". Natone's," engines had been stopped and reversed when she first sighted the ". Uta." the casualty would not have occurred	Joseph Carich. W. Shilling.
\$ *	Coromandel	Hulk Schooner	 1269	23 5	: 🗟	Coal General	Collision ; slight damage Collision ; dam-	: :	Wellington Harbour	ż	Moderate breeze	<u>Б</u>	No master. J. T. Rolls.
3 8 : :			13	e	:	Fish	age, £30 Stranded ; total loss	:	Napier, South Beach, Hawke's Bay	:	Calm	Whilst trying to return to port the vessel was stranded in a dense fog. Casualty might have been avoided by heaving the lead and	Joseph Eddy.
June 2	Muritai, s.s., 22 years	Schooner	133	13	:	General	Broken shaft	•	Off Manukau Bar	S.S.W.	Moderate	Ŭ	A. Stephenson.

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			86. 86.		Number of	4	Nature of	Number		M	Wind.		
Casualty.	and Classe, Age,	ਸ਼ ਸ਼	eiyəA anıoT	Crew.	Passen- gers.	Cargo.	Casualty.	of Lives lost,	Place where Casualty occurred.	Directien.	Form.	Finding of Court of Inquiry.	Name of Master.
1906. June 2	Elsie, s.s., 22 years	:	15	ი 	:	•	Burnt ; total loss	:	Blackball Wharf, Havelock	:	:	Woodwork near funnel caught fire, and vessel was souttled, as efforts to subdue the fire	R. Pugh.
6 :	Pelotas, 9 years	Barquen- tine	250	10	:	Timber	Stranded; total loss	:	Whangape Harbour	S. E.	Gentle breeze	failed • • • • • • • • • • • • • • • • • • •	F. W. Whitton.
., 14	Waihi, s.s., 24 years	Schooner	63	6	:	General	Stranded ; par- tial loss	:	Wairau Bar	S.E.	Moderate	sufficient power to tow her over the bar Cause of casualty : insufficient water on the bar, and the negligent navigation of the	C. F. Backstrom.
												insect in continuing too long on a soun- west by west course after passing the line of beacons; and, further, by not ascertaining his position by compass-bearings, or by soundings with the lead, after he had failed to pick up the back beacon. The Court	
" l4	Akitio, oil- launch, 2 years	Cutter	13	69	:	: IN	Swamped; total loss	63	Somewhere near mouth of Akitio River	S.W.	Strong	considered the master should be severely censured, and ordered him to pay the costs of the inquiry 215 718 with The water Returning from coastal voyage the vessel was unable to enter the river, owing to darkness and no lights visible. Direction of the wind	John Beer.
			1 1	;		•					· · · · · · ·	suddenly changed during the night, and the vessel was compelled to put to sea. Owing either to failure of the engines or rough sea she was swamped, and the occupants drowned	
July 2 " 3	Kuripaka, s.s., 11 years Pondo, s.s., 12 vears	Ketch Schooner	75	32	: :	General)	Stranded ; slight damage	•	Patea Bay	N.W.	Light	After crossing the bar the vessel touched bottom, and lost steerage-way (In backing out from Railway Wharf	A. M. Gillies. E. R. Large.
" °	Ŭ	Sohooner	812	30	:	General	Collision ; slight damage	:	Glasgow Wharf, Wel- lington Harbour	S.W.	Strong breeze	¹ Corruna. " coulded with " Fondo," and broke off a blade of the latter's propeller. Unavoidable accident, caused by the strong breeze blowing. The " Corinna " had one	J. S. Pender.
، ت تر	Blenheim, s.s., I year	Schooner	85	10	53	Produce	Supposed struck anchor	:	Wairau Bar	W.	Gale	V of her davits broken Vessel is supposed to have struck a submerged anchor on Wairau Bar, and had a hole torn	S. Clark.
7 <i>.</i> "	Kini, s.s., 12 years Paiaka as 95	Schooner Ketch	702	55	:	Ballast Ballast	Tail-shaft broken	:	6 miles N.W. by W. of Cape Foulwind		Strong breeze	in ner bottom by the nuke Heavy seas caused the engines to race, and the tail-shaft carried away	C. M. Tenant.
" "	years Lily, 31 years	Ketch	13	1 61	: :	Timber	stranded; slight damage	: :	TIVZTOY DAY Wharf, Okain's Bay	W.W.	Moderate	caute parteet, and vessel drove asnore, not having sufficient power to steam against heavy sea and wind Ketch swung round and stranded on rocks through swell making whilst she lay at	J. Зутопя. W. Adams.
							-	-				anchor	

	rəfer .92.001	E -		Nature of	Number of	Place where Casualty continued	×	Wind.	Finding of Court of Inquiry.	Name of Master.
TOL		Crew.	Cargo.	Casualty.	Post.	Occurrent.	Direction.	Force.		
81		:	General	Stranded ; par- tial loss		New River, near Inver- cargil	W.S.W.	Moderate	The "vessel" got in the trough of a rough sea as she was crossing the bar, and struck the	H. McGilvray.
95		:	Timber & drain- pipes	Capsized ; total loss	4	Between dast Cape Island and mainland	Ŗ	Furious gale	Wing to an unusually strong easterly gale Owing to an unusually strong easterly gale and heavy sea the vessel was capsized and lost, with all hands, about 7.30, a.m. on the 17th July of Fast (and	J. Goomes.
68		6	General	Stranded ; total loss	II	Waipiro Bay, near East Cape	ы	Furious gale	Owing to an unusually strong easterly gale and heavy sea the vessel was driven ashore in Waipiro Bay, and became a total wreck. The master, his wife and child, and the crew	J. H. Skinner.
44		4 :	T i m ber, bricks, & iron	Damage to bulwarks, &c., £100	:	Middle of Tokomaru Bay	:	Calm	were all drowned Whilst moored to the shore for the purpose of discharging cargo the sea suddenly in- creased, and the port cable parted. The vessel swung on to the beach, and the sea	W. Sharp.
									carried away part of outwarks, broke stanchions, and part of deadwood. The vessel was hove off on the 18th August, and	
87			General	Stranded ; no damage	:	Boulder Bank, Nelson	S.W.	Moderate	towed to disborne Casualty was caused through want of know- ledge of the currents and eddies in the new	F W. Cox.
95		12 .	Coal	Stranded ; partial loss	:	S. Spit, mouth of Manawatu River	N.W.	Moderate	cuanties Insufficient depth of water on the bar. Un- avoidable accident	W. H. Sayers.
87		13	General	cargo, £95 Collision with mole; triffing	:	Boulder Bank, Nelson	zż	Light	Vessel collided with pipe projecting from mole. Casualty caused by want of knowledge of	F. W. Cox.
157		16	Coal	30	•	(S. Spit, mouth of Manawatu River	S.W.	Fresh	currents and eddies in the new channel Insufficient depth of water on the bar; 240 tons of coal jettisoned	F. Dewhurst.
64		: : 	General	Collision; no damage Oellision; dam- age, ship, £300, cargo,	:	Queen's Wharf, Wel- lington	N.	Light	But the of Faterna was let go too soon, and she collided with s.s. "Aorere," lying at wharf Run into by " Pateena "	Charles Curt. A. H. Fisk.
33		:	General	East of life	,	About 40 miles N.N.F. from Otago Heads	NN.E.	Fresh	When running before a fresh breeze the boom jibed and knocked Thomas Thomas, an A.B., overboard. The vessel returned im- mediately to the place where the accident occurred, but no trace of Thomas could be	W. Scurrah.

DEPARTMENT, &c.—continued.
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Date of	Vessel's Name, Age,	10	19j2 (9 2 81		Number of	4	Nature of	Number	Place where Cerusla-	₿ B	Wind.		
Omenality.	and Class.	ł	igeA TuoT	Crew.	Passen- gers.	Cargo.	Casualty.	Lives lost.	occurred.	Direction.	Force.	Flading of Court of Inquiry,	Name of Master.
1906. Aug. 11	Mapourikā, s.s., 8 ⁵ years	Schööner	718		30	Coal ¹	Stranded ; no damage	:	Berdder Bank, Nelson, N' of nëw cut'	:	Calm	Vessel in charge of pilot, who allowed in- sufficient room in rounding up to get a fair	S. L. Kennedy.
" II	Pateena, s.s., 13 years	Schooner	550	40	30	General	Stranded; no dämage	:	Entrance to Nelson Harbour. old channel	хż	Light	run into the channel Vessel touched on flat rock, and afterwards grounded, got off without damage	c. clift.
., 18	Aorere, s.s., 21 years	Schooner	49	6	:	Produce	Shipped héavy sea; slight damage	:	Patea Bar		:	When crossing the bar the vessel shipped a heavy sea, which carried away the forward bulkhead of house on deck: unavoidable	A. H. Fisk.
, 21	Tuna; launch,	:	15	4	:	•	Damage of	:	Reef off Kaiti Beach,	:	Calm	accident. Vessel touched on reef and dented five plates,	C. F. Berney.
27	Deffánce; 26 years	Bigan tine	199	œ	:	Coal ⁻ fand general	plates Stranded; refloated;	:	Foverty Bay W: Sandspit, Rhipara	NE.	Fresh	and also broke two blades of her propeller Casualty was caused by master standing too close in to the beach before tacking	Robert Lloyd White.
., 28	Charles Edward, s s. 42 vears	Schooner	145	16	:	Timber	Lost propeller	:	Wanganui River	:	:	Hoad of shaft broken and propeller lost, but	Edward Gra-
Sept. 9	Eveline	Launch	not rg'd	61	:	•	Sunk	:	Mangawhare Wharf, Kaipara	N.N.E.	Light	afferwards recovered The laumch was obstructing the approach to the wharf, and the s.s. "Awaroa" ran into	ham. Thomas Pettit.
	Petone, s.s., 6 years	Schooner	388	17	:	Ballast	Crowns of fur- nace fell in	•	Greymouth	:	Calm	her Casualty was not due to faulty construction of furnaces or other portion of machinery, and was not due or contributed to by negligence	J. Christian.
, 20	Cape Corrientes, s.s., 15' years	Schooner	1660	5 8	:	Ballast	Stranded; no damage	:	Egg Bank, Dog Point, Kaipara	E.S.E	Strong	or carelessness Master had not entered Kaipara Harbour for four years, and was not aware of alterations	Edmund Jones.
. 30	Lutterworth, 38 years	Barque	887	18	:	Ballast	Dismasted	:	22 miles N. by E. <u>‡</u> E. of Kaikoura Penin- sula	భ	Moderate gale	in the channel, and took a wrong course The casualty was due to the vessel lurching heavily, thus causing the shifting of the ballast, which shifting was contributed to by the shifting boards being insufficiently	H. L. Hicks.
Oct. 10	Port Stephens, s.s. 12 years	Schooner	2278	33	:	Ballast	Broken shaft; abandoned	:	Long. 164° 40' E., Lat. 45° 50' S.	N.N.W.	Strong breeze	high The master was guilty of a great error of judg- ment in abandoning the vessel under the circumstances, and was ordered to pay £15	Arthur Édwin Jolly.
	Tarawera, s.s., 24 ryears	Schooner	1269	53	b'w'n 50 & 60	General	Fire; partial loss	•	Bay of Plenty	S.W.	Moderate	costs of inquiry. Whilst vessel was on voyage from Gisborne to Auckland it was found that cargo in No. 3 hold was on fire, which was extinguished by	John T. Rolls.
Nov. 7	Baden¶-?Powell, s.s., 6fyears	Schooner	92	12	:	Produce	Stranded; partial loss	:	Bar, Manawatu River	N.W.	Strong breeze	the unknown fire unknown Insufficient depth of water on the bar. Rud- der and rudder-post were carried away, caused by the vessel striking the ground heavily	W. MoGa vin Muir.

Date of	Wassel's Name Arre		1978 Age,		Number of	4	Nature of	Nunaber	Place where Casualty	5	Wind.	Vindian of Court of Tranier	Name of Meeter
Casualty.	Vessel s vance, Age, and Class,	Big	ely9A anoT	Crew.	Passen- gers.	Cargo.	Councility.	Lives tost	Detrinooo	Directien.	Force.	TRAINS OF COULD OF THE MILES.	Tagent In antibu
1906. Dec. 14	Elverland, 11 years	Barquen- tine	361	=	•	Coal	Foundered; total loss	:	About 3 miles N.E. of Three Kings	र्स S	Light	Vessel was becalmed between Three Kings Islands and Cape Maria, and during a dense fog in the night drifted close up to the is- lands. Whilst the boats were engaged tow- ing her off she struck a rock, sprung a leak, and finally sank. The easualty might have	S. E. Savory.
18	Penguin, ^{s.s.} , 42 years	Schooner	517	40	80	General	Damaged stern	:	Wellington Harbour	N.N.E.	Squally	been avoided if the lead had been used or bearings been taken to ascertain if vessel was drifting While working out to get clear of Jervois Quay the vessel's stern struck the wharf, causing damage to the vessel to the extent of about £160, and sulfiting corner vile of the wharf	S. Kennedy.
1907. Jan. 16	Storm, s.s., 3 years	Schooner	186	15	:	Coal	Stranded; slight dam-	:	Wanganui River Bar	W.N.W.	Strong.	Casualty caused by heavy fresh in river caus- ing bar to silt up	A. Irvine.
. 26	Purau, s.s.	Ketch	39 not r'g'd	ъ С	200	:	age Collision ; no	:	Purau Bay	•	Calm	The vessels came into collision owing to neg- lect on part of the master of the "Purau," and error of judgment on part of the master of "tobu" Andrecon", "Count ordered one	Matthew Mark Thomas.
26	Jo	Schooner	36	5	180	:	damage					or John Anterson. Court ordered by moiety of costs of inquiry to be paid by	John McDonald Etheridge
. 27 1	8.s., 15 years Mabel, scow, 25 years	Schooner	49	m 	:	Timber	F o u n d e red; partial loss	:	Auckland Harbour	Ø	Light	The vessel settled down on the fluke of her anchor, the ebb-tide running; the anchor entered her side, causing her to sink. She was subscouently raised, slipped and re-	FI
*	Wai-iti, 15 years	Barque	069	15	:	Ballast	Capsized; to- tal wreck (since re- floated)	:	Mangawhare, Kaipara	E.N.E.	Fresh breeze	paired The master committed an error of judgment in leaving the wharf under the circumstances without a trug. The negligence was not suf- ficiently serious to warrant the Court dealing	Wm. Cormack.
Feb. 1	A A	Schooner Schooner	85 60	4 9	: :	Ballast Ballast	Collision no damage Collision ; slight	:	12 miles E. of Anaura, Poverty Bay	N.E.	Moderate	with his certificate Schooner "Awanui" failed to stay and the wind being very light, the vessels collided, the jib-boom of the "Awanui" being car-	R. M. Cliffe. P. Bonfield.
\$ 61	years Greyhound, s.s., 8 years	Schooner	8	~	:	Flax and gum	Fire; £25 damage	:	Auokland Harbour	Ż	Fresh breeze	While vessel on a voyage from Whangaroa to While vessel on a voyage from Whangaroa to Auckland flax and tow in after hold caught fire, no cause being ascertainable. Fire brigade and fire-float gave assistance, but vessel had to be southled to finally ex-	Alfred Subitzky.

Casualty.		Ui~		Number of	. of	Natu	Nature of N	Number	Place where	ы	Wind.		
	Age, and Class.		ігаэЯ поТ	Crew. Bassen- gers.	sen- rs. Cargo.	go.	Casualty.	Lives lost.	Casualty occurred.	Direc- tion.	Force.	Finding of Court of Inquiry, &c.	Name of
1907. Feb. 5	Admiral, lighter, 30 years	Ketch	40	ന	. Wool	•	Foundered; partial loss; refloated	•	Napier Harbour	Ŕ	Light	Cause of casualty was the anchor went through the bow of the vessel and caused a leak, but how this happened is not known. Vessel was towed on to a bank, where cargo	J. C. Tonkin.
Q	Awarua, p.s., 23 years	Schooner	54		Balla	Ballast	Stranded; total wreck	;	1 mile from Kauri Mountain, Whanga- rei Heads	N.W.	Light	was discharged and damage repaired the "Awarua," in charge of an A.B., the master being engaged in mate's duties, struck on uncharted rocks, and became a total wreck. Movables were salved by s.s. "Pelican" and boats. In view of evi- dence given at Magisterial inquiry master should have heen warned of rocks in the	L. A. McLean.
" 14	Rock Lily, 20 years	Ketch	50	4	. Balla	:	Stranded; partial loss	:	¹ / ₂ mile N. of Mercury Bay	S.E.	Gale	vicinity of his course. Vessel driven ashore by a sudden tempest of wind and sea from an unexpected marter	P. Bonfield.
" 14	Bravo, scow, 10 years	Schooner	66	Ω.	Timber		Sfranded; partial loss, refloated	•	8 miles S.E. of Cape Maria Van Diemen	N.N.E.	Moderate	The master during thick stormy weather shortran his distance to clear Cape Maria Van Diemen, and was driven ashore. Pro- bable cause, strong adverse currents and	Charles Nelson.
" 1 5	Rimu, s.s., 9 years	Schooner	144	:		Timber &	Stranded; no damage	:	Paterson's Inlet, Stew- art Island	:	Calm	Grounded on a sand-bank (uncharted), and was towed off by the s.s. "Invercargill," on	J. A. Bergquist.
,, 16	Rakiura, s.s., 29 years	Schooner	81	10	.: Balla	Ballast.	Stranded; no damage	:	Korora Creek, Moly- neux Bay	S.S.E.	Light	List Marcn Court found that master was greatly to blame for not taking the usual precautions in foggy weather. Certificate suspended for eix months Considered that the mode mode	W. M. Dudfield
17	Marguerite Mira- baud	Barque (French)	1731	24 .	Coal,	Coal, &c.	Stranded; total loss	:	Akatore, Otago	E.S.E.	Light	also to blame, and ordered that he pay £5 5s. towards costs of inquiry No observations for correction of compasses were obtainable for severa days prior to the wreck, and the vessel got out of her	J. M. Tattevin.
, 20	Waikonini, scow 6 years	Schooner	60	4	•	•	:	I	Near East Cape	Ä	Strong	becoming a total wattor in a dense log, becoming a total wreck When vessel was about seven miles from land Gustave Hankey, A.B., was missed, and though vessel was brought up in the wind and toth the seven have been about the birthe wind	John Brown.
. 23	Matai	Oil-launch	*	F	12	•	Fire; slight damage	:	Otago Harbour	•	Calm	of the missing man could be found to sign of the missing man could be found One of the party threw a lighted match into a pool of benzine, which flared up and scorched	:
., 25	Echo, 2 years	Schooner	66		Timber		Stranded; slight dam- age	:	N. Spit, Karamea River	S.W.	Light	the woodwork of the boat The vessel not answering her helm properly stranded, owing to the jobble of the sea in a tortuous channel	Arthur Seeley.

RETURN of WRECKS and CASUALTIES to SHIPPING reported to the MARINE DEPARTMENT, &c.-continued.

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49

	The second s		ter 1924	Numt	Number of	Ň	Nature of	Number		W	Wind.		
Date of Casualty.	Age, and Class.	Rig.	sigeA anoT	Crew.	Passen- gers.	Cargo.	Casualty.	or Lives lost.	riace where Casualty occurred.	Direc- tion.	Force.	Finding of Court of Inquiry, &c.	Name of Master.
1907. Mar. 3	Onslow, 18 years	Schooner	16	:	:	:	Fire; slight	:	Tairua, Auckland	:	:	Fire caused by ignition of signal-lights in	J. Stenhouse.
,, 14	Invercargill, s.s., 22 years	Schooner	123	Π	:	General	Stranded; slight dam-	:	Wallace Rock, Wai- kawa River, South-	:	Calm	Entering Waikawa River against strong ebb tide the vessel was thrown slightly out of	J. Gillies.
,, 17	Ururoa, 6 years	Schooner	196	6	:	Timber	age Lost rudder	:.	Lat. 36° 5' S., Long. 150° 40' F.	S.E.	Gale	her course and grounded on wanace rock Heavy sea struck the ship, and carried away the midder	John Bushell.
About 25	Rangi, scow, 2 years	Schooner	86	:	:	:	Loss of life	1	Wellington Harbour	:	:	Body found floating in harbour on 3rd April was that of cook of "Rangi," missing since 25th March. At Coroner's inquest verdict	Geo. Sorenson.
., 25	Kestrel, 2 years		204	, co	100	:	Collision ; triff-	:	Auckland Harbour	vż	Light	of "Found drowned" was returned. The man's name was Daniel McKay Collision with "Rotomahana" took place owing to difference of opinion between the	Matthew Scott.
5 50 50 58 50 50 59 50	Kotomahana, s.s. 31 years Kanieri, s.s., 21 years Dawn, s.s.	Schooner Schooner Ketch	139 116 Not	13 14 13	41	 General General	ing damage Collision; triff- ing damage	:	Auckland Harbour	N.E.	Light	masters as to proper course in narrow waters Collision took place owing to difference of opnion between masters as to the rule of the word in hochome or nervow weters	Artur Stephen- son. Thomas Mayers. Hugh Bartho-
29	Argus, 53 years	Ketch	r. 36 1	°	:	Coal	Stranded; no damage	:	Haulashore Island, Nelson Harbour	N.E.	Strong gale	Vessel touched the ground aft when caught in the eddy of the ebb-tide and would not then come about	Iomew Kelly. Samuel West- rupp.

SUMMARY OF CASUALTIES to SHIPPING reported to the Marine Department during the Financial Year ended the 31st March, 1907.

						Casua	Casualties on or ne	or near	the Co	ar the Coasts of the Colony.	te Coloi	ny.	-			Cast	Casualties outside the Colony.	ttside th	e Colon	y.		-	E	Manuka	
·					Ste	Steamers.		Sailing	ling-vessels.		Total v	within Co	Colony.	St	Steamers.		Saili	Sailing-vessels.	ls. J	lotal ou	Total outside Colony	lony.	Tota Casualt	Total Number of Casualties reported	ed.
RB	Nature of Casualty.	sualty.		10 VN	Vo. of Vessels.	.өзаппоТ	Vo. of Lives lost.	lo .oV .aleaseV	.өзялпоТ	Yo .of Lives lost.	Vo. of Vessels.	.92ялпоТ	Yo. of Lives lost.	¥о. оf Vевве]в,	.өзвппоТ	Vo. of Lives lost.	Yo. of Vessels.	.93лля8е.	Vo. of Lives lost.	Vo, of Vessels.	.өзаппоТ	Vo, of Lives lost.	Vessels. Vessels.	Топляде,	Vo. of Lives lost.
Strandings,— Total wrecks	:	:	:	:		156	11		3,065	:	6	3.221									-			100 6	=
Partial loss Slight damage	:	:		:	94	430 541	:	େ ୩ ୩	149	:	00 1	579	1:	::	::	::	: :	::	: :	::	: :	::	n 00 i	579	= :
No damage	::	::	•••	[:::		8,292	::		36	::	-10	8,328	::	::	::	::	::	::	::	::	::	::	10	852 8,328	::
Total	Total strandings	sg	•	:	22 9	9,419	H,	12	3,561	:	34	12,980	=	:	:	:	- :	:	<u> </u> :		:	:	34 1	12,980	11
Foundered, Total loss Partial loss	::	::	::.	· · · · · · · · · · · · · · · · · · ·	. 73	. 12	C7 :	0101	458 89	2 :	40	470 89	L :	::	::	::	::	::		<u> </u>	::	::	40	470 89	L :
Total	Total foundered	p	:	:	63	13	64	4	547	5	9	559	4	:	:	:	:			:		:	9	559	6
Capsized, Total loss Partial loss	::	::	::		 ::	::	::		95 93	6	 нан	38 88	49	::	::	. :	::	::	::		::	::		95 93	49
Total	Total capsized	:	•	<u> </u> ;		:	:	5	188	10	51	188	10	:	:	:	:			:	:	:	5	188	10
Collisions,— Partial loss Slight damage No damage	:::	:::		:::	80 H	$ \begin{array}{c} 49 \\ 2,488 \\ 2,602 \end{array} $:::	 :	85 85	:::		$ \begin{array}{c} 49 \\ 2,573 \\ 2,662 \end{array} $		- 	1,901	:::	:::	:::	:::		106,	:::	010	1,950 2,573 2,662	:::
Total	Total collisions	sı	`.'	:	15 5	5,139	:	63	145	:	17	5,284	:		1,901	:	:	:		<u>-</u> -	, 901	:	18	7,185	:
Fires,— Total loss Partial loss	· • •	::	•••	::	1 6 5	15 5,480	::	::	::	::	6 1	15 5,480		::		::	::			::		::	6 1	15 5,480	::
Total fires	fires	:	•	:	7 5	5,495	:	:	:		4	5,495	:	:	:		:		<u> </u> :	:	:		6	5,495	:
Miscellaneous, including damage by heavy seas to hull and cargo, loss of masts, sails, &c., breakdown of machinery and abandonment	sluding di igo, loss schinery :	amage i of mast and aba	yy heavy seas 88, sails, &c., ndonment		10 2	2,164	:	4	1,418	:	14	3,582	:		2,278		:	:	 :	- <u>3</u>	2,278	:	15	5,860	:
Total Loss of life only	Total casualties to shipping uly	ss to shi 		::	56 22 6 3	22,229 3,672	13 6	24 44 5	5,859	15	89	28,088 4,078	10	- 10	4,179	: -	::		::	1 2 2 2	$\frac{4}{5},401$: "	82 11	32, 267 9, 479	11
Total	number c	of casua	Total number of casualties reported		62 25	25,901	19	28	6,265	19	66	32,166	38	n n	9,580		:	:		8 8	9,580	-	93 4	41,746	39
						-	-	-		-	-	-	- `	-	-	-	-	-		-			-	-	

51

RETURN showing the number of NOTICES to MARINERS relating to Matters within the Colony issued by the Marine Department during the Year ended 31st March, 1907.

Port or F	Tace.		Subject of Notice.
Auckland			Rock being deposited off Acheron Point, Freeman's Bay.
"			
"		• •	Them besterner and have an
"			with many work a
"			Erection of dolphin in Freeman's Bay.
Bluff Harbour			
" · ·			Substitution of pile beacons for buoys.
Bream Island	• •		Awarua Rock and cluster of rocks off Ocean Bay,
Bruce Bay and Jack			Uncharted rocks.
Cape Egmont (265 n		rom)	Temporary cable buoys.
Cape Kidnappers			
Croixelles Harbour			Telegraph-cable laid:
Hauraki Gulf			
Hokianga River			
Jack's Point, Timarı	1 .		Alteration in lights.
Kaipara Harbour			
. .			
Little Barrier and K			Rock off north-west shore.
Manukau Harbour			
			Red light at signal-station when bar unsafe for vessels to proceed to sea.
Manawatu Heads			
New Plymouth			A 3 6
Oamaru Harbour			Durden un min m
Otago Harbour			Fog-signal, Taiaroa Head.
olugo Huroour			
Pelorus Sound			
Port Ahuriri			O
		••	
<i>"</i> ••	••		Red leading-light on Breakwater Wharf.
Three Kings Islands		••	Non a second of the stand in later
THEO IMAGE ISLANDS		••	Provision-depot.
Tory Channel	••	••	Telegraph-cable laid.
Wairau Bar	••	••	Mooring buoy laid.
Wanganui River		••	Lights to be exhibited during carrying-out of harbour-works.
Hausann Iniver	••	••	Directions for vessels entering.
Wellington	••	••	Lights for Taranaki Street Wharf.
	••	••	T I I I I I I I I I I I I I I I I I I I
Westport	••	••	The state limit and some former Description
-	• •	••	
General	••		Electric lights shown. Error in notice.
General	· · ·	• •	"New Zealand Nautical Almanac "published.

RETURN showing the Orders in Council which have been issued during the Year ended 31st March, 1907.

Date of (Order.	Purpose of Order.
190	6.	
April	6	Approves plans of footbridge, boat-shed, and slip, Picton. Authorises Picton Borough Council to con- struct same.
,,	6	Approves plans of Mr. Thomas Begg's wharf, Anderson's Bay, Otago Harbour.
,,	6	Licenses Mr. Thomas Begg to occupy foreshore, Anderson's Bay, Otago Harbour.
••	6	Makes regulations for examination and licensing of colonial pilots.
,,	6	Licenses Borough Council to occupy foreshore for wharf-site, Akaroa Harbour, and fixes wharf dues.
"	18	Fixes dues for Sounds Co-operative Company's wharf, Paradise Bay, Pelorus Sound.
•,	18	Approves plans of wharf at Horeke.
	18	Licenses Hokianga County Council to occupy foreshore as wharf-site, Horeke.
,,	30	Prescribes oyster-license fee for North Island.
,,	30	Approves plan and authorises construction of tram-line from Otatara to Invercargill.
"	30	Approves expenditure by Westport Harbour Board of sums for waiting-room, Westport, and goods-shed, Seddonville.
May	8	Approves expenditure by Westport Harbour Board for railway-carriage accommodation.
,,	8	Approves plans of Mr. C. Gothard's wharf, Whangaroa.
,,	8	Licenses C. Gothard to occupy foreshore, Whangaroa, as wharf-site.
,,	4	Approves plans of outfall drain from Messrs. Dymock and Co., and Banks' Co-operative Meat-works, Ngahauranga.
,,	12	Revokes Order in Council licensing Joseph Fell to occupy foreshore, Hokianga Harbour.
,,	12	Extends close season for seals.
,,	23	Approves plans of removal of Thorndon Yacht Club's house, and construction of boat-slip.
"	23	Approves plans of extension of Monck's jetty, Sumner, and construction of boat-skids by Lyttelton Harbour Board.
,,	23	Approves plans of Eastern Breakwater, Westport Harbour.
,,	23	Approves plans of Waitemata County Council's wharf, Deep Creek.
,,	23	Licenses Waitemata County Council to occupy foreshore, Deep Creek, Hauraki Gulf.
,,	23	Appoints member of Greymouth Harbour Board.
, ,,	23	Makes regulations under "Sea-fisheries Act, 1894."
June	1	Approves plans of Devonport Steam Ferry Company's wharf, Brown's Island.
,,	1	Licenses Devonport Steam Ferry Company to occupy foreshore, Brown's Island, as wharf-site.
,,	1	Approves plans of boatshed and stage for Kaipara Union Amateur Boating Club, Te Kopuru.
,,	1	Licenses Kaipara Union Amateur Boating Club to occupy foreshore, Te Kopuru.
,,	1	Approves plan of Mangonui County Council's goods-shed and additions to Awanui wharf.

Date Orde		Purpose of Order.
1906. June	1	Licenses Mangonui Council to occupy foreshore, Awanui River, for goods-shed and wharf.
	i	Approves plans of Awhitu Road Board's shed and extension of Granam's Beach what.
,,	1)	Licenses Awhitu Road Board to occupy foreshore, Graham's Beach, as whart-site.
,, ,,	ī	Approves plans of Amos McKegg's wharves, Taieri Mouth.
,,	1	Licenses Amos McKegg to occupy foreshore, Taleri Mouth, as whart-sites.
,,	1	Approves plans of wharf and breastwork, Kaiapoi.
,,	11	Approves plans of Dive and Ramsay's wharf, Ĥokianga Harbour. Licenses Dive and Ramsay to occupy foreshore, Hokianga Harbour, as wharf-site.
,,	11 11	Approves plans of jetty, landings, &c., Birkenhead.
"	11	Approves plans of yeary, randings, we, Differentiated Approves plans of wharf, north-east of Glasgow Wharf, Wellington.
,, ,,	ii	Approves plans of hoat-slip. Port Moeraki.
,, ,,	ii	Licenses Waitaki County Council to occupy foreshore, Port Moeraki, as site for boat-slip.
,, ,,	28	Approves plans of Westport floating-basin.
,,	28	Prescribes dues and rates for Kohukohu County wharf.
,,	28	Prescribes dues and rates for Rawene County wharf.
T	28	Makes regulations for loading and storage of ballast. Makes regulations for controlling traffic on Lake Rotoiti and management of wharves, and prescribe
July	9	dues for same.
	12	Approves plans of extension of Orna Bay wharf.
,,	$1\overline{2}$	Licenses Awhitu Road Board to occupy foreshore, Manukau Harbour, for extension to Orua Bay whar
,, ,,	12	Approves plans of Northern Coal Company's wharf and bridge at Ngunguru.
,,	12	Licenses Northern Coal Company to occupy foreshore, Ngunguru, as whart and bridge sites.
••	12	Approves plans of Levin and Co.'s mooring-piles. Foxton Harbour,
,,	12	Licenses Levin and Co. to occupy foreshore, Foxton Harbour, as site for mooring-posts.
,,	$\begin{array}{c} 23\\ 23\end{array}$	Approves expenditure of £125 by Westport Harbour Board on verandah at Waimangaroa Station. Approves plans of wharf-extension and erection of shed by Messrs. Prouse and Saunders at West Wanganui
,,	23	Licenses Prouse and Saunders to occupy foreshore, West Wanganui, for wharf-extension and shed.
,,	$\frac{23}{23}$	Approves plans of extension of Karamea Sawmilling Company's wharf, Karamea.
,,	23	Licenses Karamea Sawmilling Company to occupy foreshore, Karamea, for wharf-extension.
,, ,,	23	Prescribes dues and rates for Rawene County wharf.
**	23	Prescribes dues and rates for Kohukohu County wharf.
,,	23	Approves plans of E. G. Pilcher's tramway, Pakawau.
,,	23	Licenses E. G. Pilcher to occupy foreshore, Pakawau, as tramway-site.
."	23	Approves alteration of site for erection of Ohinemuri County bridge over Waihou River at Mangaiti.
Aug.,	2	Issues Commission to inquire into and report on cause of fires on ships carrying wool, &c. Approves plans of E. G. Pilcher's wharf, Pakawau.
,,	$\begin{array}{c} 6\\ 6\end{array}$	Licenses E. G. Pilcher to occupy foreshore, Pakawau, as wharf-site.
,,	18	Varies rules as to life-saying appliances for ships.
,, ,,	$\overline{27}$	Extends time for report by Commission of Inquiry into cause of fires on ships carrying wool, &c.
Sept.,	3	Revokes Order in Council authorising construction of tram-line across New River Estuary, and authorises
-		construction of work on new plan.
,,	3	Approves plans of cattle-yards and slip alongside Raupo wharf.
,,	3	Declares County Council shall exercise powers of Harbour Board, Kawhia, and defines limits of harbour. Revokes license to Havelock Town Board to occupy foreshore as wharf-site, and vests management of
,,	10	wharf in Havelock Harbour Board.
	10	What is a way of the second se
,, ,,	17	Approves plans of D. G. Lane's wharf, Rawene, Hokianga.
,,	17	Licenses D. G. Lane to occupy foreshore, Rawene, Hokianga, as wharf-site.
,,	17	Prescribes class of boats to be carried by fishing-vessels.
••	24	Approves plans of C. J. Brunsell's boat-slip, Picton Harbour.
,,	24	Approves plans of Waikokopu Harbour Board's tramway and shed.
**	24	Approves plans of New Zealand Portland Cement Company's wharf-extension, Limestone Island, What
	24	ngarei. Licenses New Zealand Portland Cement Company to occupy foreshore, Limestone Island, Whangarei.
. "	$\frac{24}{24}$	Approves plans of Mrs. E. Nield's wharf, Wairoa River, Kaipara.
,, ,,	$\tilde{24}$	Licenses Mrs. E. Nield to occupy foreshore, Wairoa River, Kaipara, as wharf-site.
,, ,,	$\overline{24}$	Approves plans of Ramsay Bros, and Eyes's boat shed and slip, Rawene, Hokianga.
,,	24	Licenses Ramsay Bros. and Eyes to occupy foreshore, Rawene, Hokianga, as site for boat shed and slip
,,	24	Approves modification of plan of bridge across New River Estuary for Invercargill Borough Council's
A :	~	tram-line.
Oct.	2	Approves plans of harbour-works, Puponga Harbour. Authorises Puponga Coal and Gold-mining Company to carry out harbour-works, Puponga Harbour.
,,	$\frac{2}{2}$	Licenses C. J. Brunsell to occupy foreshore, Picton Harbour, as site for boat-slip.
••	$\frac{2}{2}$	Extends time for report of Wool Fires Commission.
, ,	8	Makes regulations for safe navigation of harbours.
"	15	Approves plans and authorises construction of bridge over Ohinemuri River at Paeroa.
•• ••	15	Approves plans of J. McLaren's wharf, Wairoa River, Kaipara Harbour.
,, ,,	15	Licenses J. McLaren to occupy foreshore, Wairoa River, Kaipara Harbour, as wharf-site.
,,	15	Approves plans of borough baths, Bluff Harbour.
,,	15	Licenses Campbelltown Borough Council to occupy foreshore, Bluff Harbour, as site for baths.
••	15	Approves plans of wharf, Tamaki River.
,,	15	Licenses Otahuhu Road Board to occupy foreshore, Tamaki River, as wharf-site, and fixes dues for same Consents to lease of land by Thames Harbour Board to H. H. Adams and others.
,,	15	Consents to lease of land by Thames Harbour Board to H. H. Adams and others. Approves expenditure by Westport Harbour Board for water-supply, &c., on Westport-Mokihinui Rail
"	15	way.
	22	way. Authorises Westport Harbour Board to expend £13,000 on additional hopper coal-wagons.
,,	$\frac{22}{22}$	Makes additional regulations for loading and stowage of ballast.
,, ,,	$\overline{22}$	Extends time for report of Wool Fires Commission.
,, ,,	$\bar{29}$	Revokes license to Harry Couch to occupy foreshore, Bon Accord Harbour, Kawau Island, as wharf-site
	29	Licenses A. J. Farmer to occupy foreshore, Bon Accord Harbour, Kawau Island, as wharf-site. Approves plan and licenses Sumner Borough Council to occupy foreshore for artesian wells.
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RETURN showing the ORDERS IN COUNCIL which have been issued during the Year ended 31st March, 1907-continued.

Date Orde	of er.	Purpose of Order.	
1906	3.		
Jov.	6	Approves plan and authorises erection of tramway viaduct near Cave Rock, Sumner.	
,,	6	Revokes license to S. J. Deck to occupy foreshore, Golden Bay, Stewart Island, as site for boat-shed.	1.
,, ,,	6	Licenses J. W. Squires to occupy foreshore, Golden Bay, Stewart Island, as site for boat-shed.	
	6	Fixes dues for Amos McKegg's wharves, Taieri Mouth.	
••	26	Vests management of wharf in Kawhia County Council as Harbour Board, and fixes dues for same.	
,,	$\overline{26}$	Fixes pilotage for Karamea.	
). Dec.	- Š	Extends time for report of Commission on Wool-ship's fires, &c.	
	3	Approves construction of bridge by Picton Borough Council.	
,,	3	Revokes existing regulations, and makes new ones, for loading and stowage of ballast.	
,,	10	Approves plan and authorises cutting of channel through Wairau Boulder Bank.	
,,	10	Approves plan and automotes cutoing of channel through Walkar Doulder Dould.	
•••	10	Approves plan of G. B. Watson's tram-line, West Wanganui.	
, ,	10	Licenses G. B. Watson to occupy foreshore, West Wanganui, as site for tram-line.	
,,	17	Approves plans of Port Awanui wharf.	
,,	17	Licenses Apirana T. Ngata and others to occupy foreshore, Port Awanui, as wharf-site.	
••	21	Approves plans of Mason Bros. and Walker's booms, Whirinaki River, Hokianga.	
"	$\frac{21}{21}$	Licenses Mason Bros. and Walker to occupy foreshore, Whirinaki River, Hokianga, as site for boon	
" 1903		incenses mason bios, and warker to occupy to eshore, whiting inver, itokianga, as she for book	110+
	1. 7	Approves plans of R. T. Wrathall's building, Mangonui Harbour.	
an.	÷	Licenses R. T. Wrathall to occupy foreshore, Mangonui Harbour, as building-site.	
"	7	Appended the set of the state o	
,,		Approves plans of Levin and Co.'s wharves, Manawatu River.	
,,	7	Licenses Levin and Co. to occupy foreshore, Manawatu River, as site for wharves.	
,,	7	Extends time in which Wool Fires Commission may report.	
,,	21	Appoints members of Greymouth Harbour Board.	
"	21	Approves plans of D. Goldie's timber booms, Hobson's Bay, Auckland.	
	21	Appoints trustee for Cape Turnagain landing.	
feb.	2	Approves plans of wharf, Little Shag Creek, Tokatoka.	
,,	7	Licenses Otamatea County Council to occupy foreshore, Little Shag Creek, Tokatoka, as wharf-site.	
,,	7	Approves expenditure on coal-loading crane-wharf, by Westport Harbour Board.	
••	7	Approves plans of Northern Steamship Company's wharf, Awaroa Bay, Waiheke Island.	1
,,	7	Licenses Northern Steamship Company to occupy foreshore, Awaroa Bay, Waiheke Island, as wh	nari
	-	site.	
••	7	Approves reclamation of 8 [‡] acres by Bluff Harbour Board.	ът.
••	7	Extends hour for closing poll for election of Lyttelton Harbour Board members by ratepayers of I	TNET
		Brighton, Woolston, and Sumner.	
,,	16	Extends time for report by Wool Commission.	
,,	16	Approves expenditure for shed at or near Crane Wharf by Westport Harbour Board.	
,,	27	Grants pension to W. Cunningham, late light-keeper, Nelson.	
March	5	Approves plans of approaches to cargo-shed, Waikokopu.	
,,	13	Fixes time and place for first election of members, Hokitika Harbour Board.	
,,	19	Extends close season for seals.	

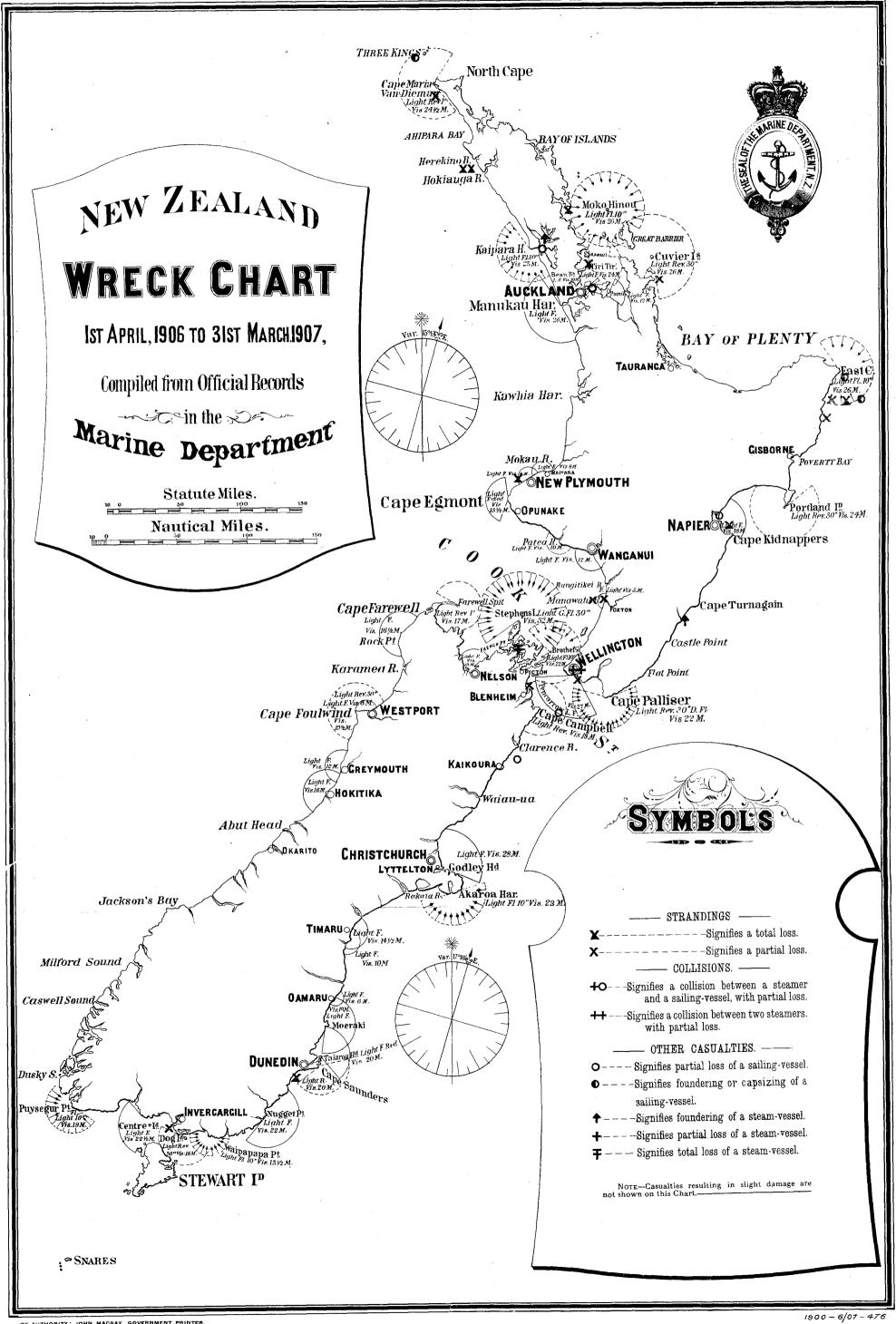
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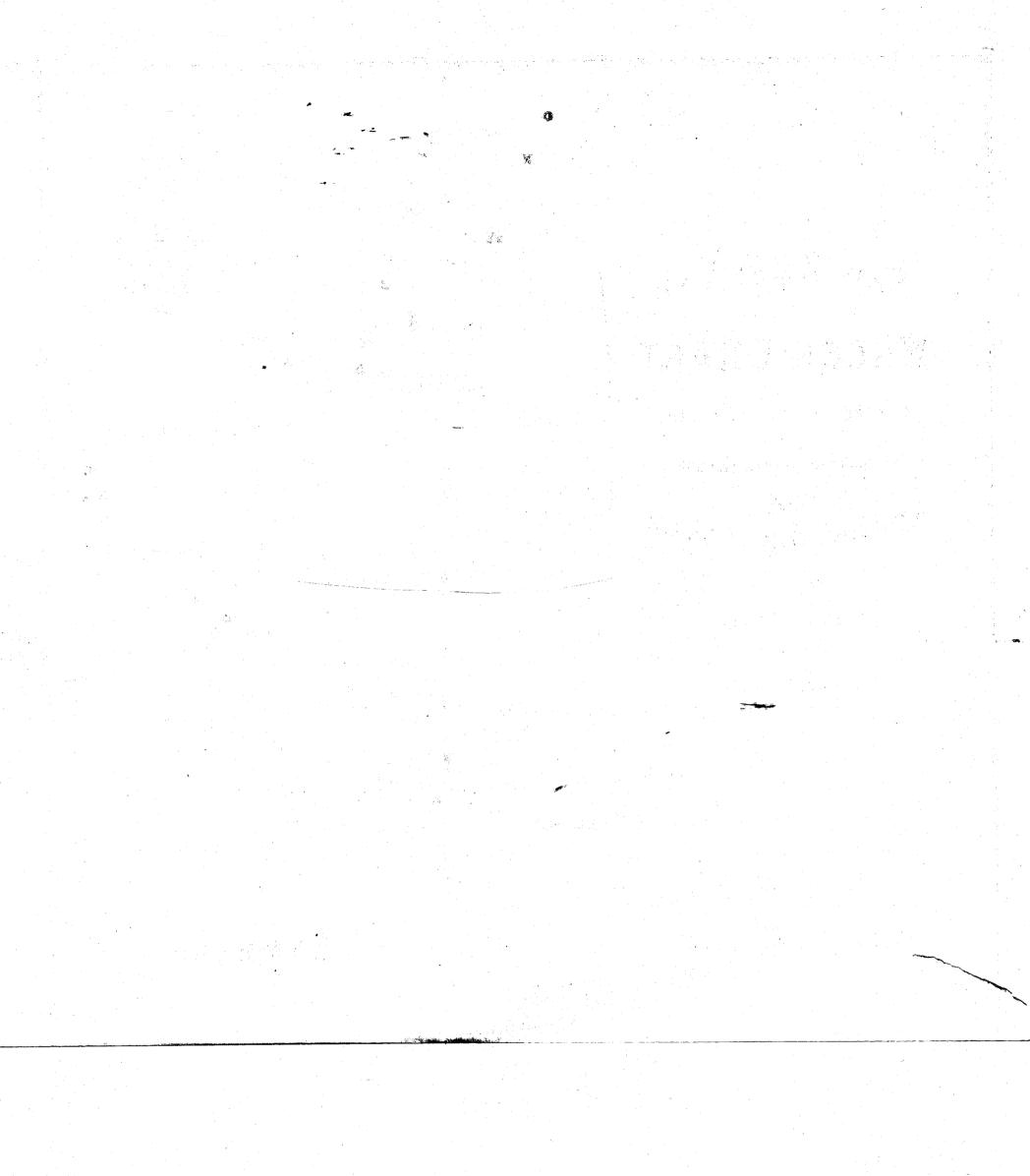
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