

1915.
NEW ZEALAND.

MARINE DEPARTMENT:

ANNUAL REPORT FOR 1914-15.

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

MY LORD,—

Marine Department, Wellington, 22nd June, 1915.

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

I have, &c.,

W. H. HERRIES.

His Excellency the Right Hon. the Earl of Liverpool, G.C.M.G., M.V.O.,
Governor of New Zealand.

The SECRETARY, MARINE DEPARTMENT, to the Hon. the MINISTER OF MARINE.

SIR,—

Marine Department, Wellington, 31st May, 1915.

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

Harbours Amendment Act, 1914.

The principal provisions of this Act are that each candidate for election to a seat on a Harbour Board is to deposit £3 with the Returning Officer at the time of nomination, which is returnable to him if he polls one-eighth or more of the votes of the successful candidate polling the fewest votes; that when an officer of a Board is absent his duties and powers may be performed by an acting-officer approved of by the Board; that no money is to be drawn out of a bank unless authorized by the Board, and all moneys are to be paid by the Board in cash or by cheque signed by the Chairman or by any two members of the Board and countersigned by the Treasurer; that the Governor in Council may prescribe rules as to age, service, skill, character, and otherwise of persons appointed Harbour-masters and pilots; that Boards may hold special meetings either on resolution of the Board or on requisition of the Chairman or any three members; that the Governor in Council may grant the control of foreshore outside the limits of Harbour Board ports to any local authority, Domain Board, or persons as trustees for the inhabitants of the locality for recreation and bathing purposes.

Inspection of Machinery Amendment Act, 1914.

The principal provisions of this Act are that the Minister of Marine is to administer the Inspection of Machinery Acts; that the Secretary of the Department instead of the Inspectors of Machinery is to issue boiler and machinery certificates, on the reports of the Inspectors; that the Secretary may exempt any boiler or machinery from the requirement as to having a certificated driver on such conditions as he may prescribe; that separate certificates may be issued for locomotive-engine drivers and traction-engine drivers; that certificates without examination may be issued to New Zealand certificated railway-engine drivers who have been employed in driving a railway locomotive or stationary engine, and that in the case of electric motors used in any factory or workshop the inspection fee is only to be charged on the boiler or engines which drive the dynamo or generator, and not on the dynamo or generator or on the motors worked by the power supplied from the dynamo or generator.

Mercantile Marine Offices.

The work connected with these offices has been carried out in a very satisfactory manner. The withholding of the certificates of discharge of seamen for failure to join their ships and for desertion is having a good effect, as offenders are unable to ship in other vessels whilst their discharges are withheld. There are, however, still too many offences of this nature. In a few cases it has been found impossible to get properly certificated second mates for oversea ships, this being apparently

due to certificated men having joined the Expeditionary Forces, and in order to avoid delaying the vessels the Department has, in exercise of the powers given to it by section 57 of the Shipping and Seamen Amendment Act, 1909, allowed them to sail with second mates holding certificates of competency as home-trade masters.

Appended is a return showing the number of seamen engaged and discharged at the various ports in the Dominion, with the fees received for the engagements and discharges. The number engaged was 20,943, and the number discharged 20,458. The fees received amounted to £2,712 2s. During the previous year the engagements were 22,330, and the discharges 21,718, and the amount of fees received £3,015 18s. The transactions at the four principal ports were:—

			Engagements.	Discharges.	Fees.		
					£	s.	d.
Auckland	..	..	.. 5,655	5,718	765	12	6
Wellington	..	..	.. 7,632	7,235	907	8	0
Lyttelton	..	..	.. 1,896	1,884	281	7	0
Dunedin and Port Chalmers	..	..	.. 3,081	3,136	427	1	6
During the previous year they were—							
Auckland	..	..	.. 6,834	6,916	973	6	0
Wellington	..	..	.. 7,751	7,159	992	19	6
Lyttelton	..	..	.. 1,757	1,766	250	19	6
Dunedin and Port Chalmers	..	..	.. 2,730	3,052	408	4	6

Proceedings for breaches of the law in regard to seamen were taken by the Department, with the following results: A. J. Croft, master of s.s. "Victoria," for carrying a seaman without entering into an agreement with him—fined £2 and costs; R. E. Price, master of the schooner "Morning Light," for employing a seaman who had deserted from another vessel—fined £1 and costs; O. Berg, master of s.s. "Wetere," for carrying a seaman without entering into an agreement with him—convicted and ordered to pay costs, also convicted and ordered to pay costs for employing a seaman in a capacity other than that for which he was engaged.

Masters, Mates, and Engineers.

The examination of candidates has been carried out at the various examination ports in a very satisfactory manner. 329 candidates passed and 109 failed. Of those who passed, 188 were masters, mates, and engineers of sea-going ships, 26 were masters and engineers of steamships plying in restricted limits, 2 were masters of fishing-boats and of cargo-vessels up to 25 tons register, 23 were engineers of sea-going ships propelled by mechanical power other than steam, and 90 were engineers of similar vessels plying within restricted limits.

The regulations for the examination of masters and mates have been amended to provide that time served on a training-ship shall count as equivalent to half the same time spent in service at sea up to a limit of two years; and new regulations have been made as to examination in sight tests. The regulations for the examination of engineers have been consolidated and amended so as to bring them in line with those issued by the Imperial Board of Trade. The principal amendments are that candidates for second-class engineers' certificates must serve eighteen months at sea in a foreign-going steamer or twenty-seven months in a home-trade steamer, instead of twelve months and eighteen months respectively. Similar extensions in length of service have been made in the case of candidates for first-class certificates, and some additional problems have been added to the syllabus of subjects for examination. Provision is made that a portion of the time spent at recognized technical schools will count as equivalent to sea service, and a number of alterations have been made in the rules for the conduct of examinations.

Provision was made in the Shipping and Seamen Amendment Act, 1909, that the Minister could declare certificates granted in other British dominions to be of equal force with certificates granted in New Zealand, provided that the certificates are accepted as of equal force of specified grades of certificates granted in the dominion to which the declaration referred. Application was made to this Department that New South Wales third-class certificates might be recognized as being equal to New Zealand river engineers' certificates, and the New South Wales Department of Navigation was asked whether, if such recognition was given, New Zealand river engineers' certificates would be recognized in that State as being equal to its third-class certificates. The reply received was that as the Federal Navigation Act would be introduced in the near future, and as under that Act a third-class certificate would have quite a different value, the question should lie postponed until the Act came into operation. Nothing further could therefore be done in the matter.

Messrs. D. Rankin and S. N. Johnston have been appointed Examiners of Engineers.

Registration of Shipping.

Returns are appended showing the vessels registered in New Zealand on the 31st December last. On that date there were 197 sailing-vessels, of 20,984 registered tonnage, and 384 steamers of 77,901 tons register. The number of seamen and boys on board was 4,335, as compared with 5,477 at the end of the previous year. The register of 19 steamships, of 50,376 tons register, has been transferred to Great Britain to enable advantage to be taken of the Imperial Government's war insurance scheme.

Survey of Ships.

Certificates have been issued to 294 steamers, 474 oil-engine vessels, and 88 sailing-vessels, as compared with 332 steamers, 428 oil-engine vessels, and 112 sailing-vessels in the previous year. Details as to alterations and repairs to vessels surveyed will be found in the report of the Chief Surveyor of Ships, which is appended hereto.

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

Whangape: River limits, inside entrances of Whangape and Herekino on the north, and Hokianga on the south; extended river limits, between Whangape and Herekino on the north and between Whangape and Hokianga on the south.

Whakatane: River limits, inside bar of Whakatane River; extended river limits, between new outlet of Rangitaiki River and Opape Point, including Whale Island and Rurima rocks.

Ohiwa: River limits, inside bar of Ohiwa River; extended river limits, same as Whakatane.

Opotiki: River limits, inside bar of Opotiki River; extended river limits, same as Whakatane.

Tauranga: River limits, inside heads of Tauranga Harbour, including inside passage to Katikati; extended river limits, between Katikati and the new outlet of Rangitaiki River.

Captain O. J. S. Lake has been appointed Adjuster of Compasses at Napier, and Captain R. C. Harbord Adjuster at Bluff.

Proceedings were taken by the Department for the following breaches of the law in connection with the survey of ships: viz., J. Shaw, for carrying passengers on "Niagara" without life-saving appliances—fined £2 and costs; W. Parris, master of launch "Haraemai," for running beyond limits allowed by vessel's certificate—fined £2 and costs; L. S. Irving, for running launch "Waiomo" without certificate—fined £1 and costs; Lapwood Bros., for running launches "Endova" and "Waikato" without certificates—fined £1 and costs; for running launch "Rangimahora" without certificate—fined £1 and costs; F. Kukutai, for running launch "Tainui" without certificate—fined 10s. and costs; C. Roose, for carrying passengers without a certificate for boat—fined £1 and costs; G. Shalfoon, for carrying more passengers in launch than allowed by boat's certificate—convicted, but no fine imposed; E. Wade, for acting as engineer without a certificate—convicted and ordered to pay costs; C. Smith, for running launch "Chercher" without life-saving appliances—fined 1s. and costs; A. Middendorf and W. Watson, for carrying passengers without having life-saving appliances on board—cases dismissed for want of sufficient evidence; and R. N. Anderson, master of schooner "Kereru," for carrying more passengers than allowed by vessel's certificate—fined £20 and costs.

Deceased Seamen's Estates.

The estates of forty-three deceased seamen have been dealt with. The amount received was £535 5s., and the amount paid to relatives and other claimants was £348 8s. 4d. Particulars of the estates are given in an appended return. The sum of £122 10s. 9d. which had remained unclaimed for over six years was paid into the Public Account.

Wrecks and Casualties.

During the year eighty-eight inquiries into shipping casualties were held, seventy-seven of them being preliminary inquiries and eleven Magisterial inquiries. Returns which are appended show the casualties and an analysis thereof. Those on or near the coasts of the Dominion numbered eighty-five, of 39,604 tons register, as compared with eighty-seven, of 62,733 tons, in the previous year. The number of lives lost was twenty-two, as compared with five in the previous year.

Nautical Publications.

The Nautical Almanac for 1915, prepared by Captain Blackburne, Nautical Adviser to the Department, was issued in November last, and the sale of copies has been very good. A good number of the A B C Azimuth Tables issued by the Department has been sold, and there has been a good demand for Admiralty charts, which are imported by the Department and sold at the Mercantile Marine Office at a little over cost-price.

Notices to Mariners.

A return of Notices to Mariners relating to New Zealand subjects which have been issued by the Department is appended. A large number concerning matters outside the Dominion has been published by the Department and circulated for the information of shipmasters and others.

Meteorological Weather Office.

The Rev. Mr. Bates, Director of the Meteorological Office, reports as follows:—

"I have to report the more important matters concerning New Zealand meteorology during the past year.

"The development of wireless weather reports and ocean forecasts showed need of official organization, and also better equipment for ships reporting weather-conditions. The matter of charges for services rendered called for united action on the part of the Commonwealth and Dominion offices, and another subject for conference was the retention of the wireless station at Macquarie Island. For this purpose I attended conferences with the authorities in Melbourne and Sydney in June last. At these conferences the Amalgamated Wireless Company of Australasia offered reduced terms, and undertook to procure the best offer obtainable from British and foreign companies trading to Australia and New Zealand. In many directions Mr. E. T. Fisk, engineer to the Amalgamated Wireless Company, rendered us most valuable assistance. The Commonwealth office undertook to prepare codes, &c., for a maritime wireless weather service for Australasia, and to co-operate further with the Dominion office. The development and consideration of these arrangements was, however, interrupted by the war; for, with the outbreak of hostilities, all wireless reports immediately ceased on account of the necessity for absolute secrecy as to the movements of ships.

“ With regard to the Macquarie Island Wireless Station, the Commonwealth authorities were unwilling to act without us, because the question of its continuance for the further study of sub-antarctic conditions was of universal scientific interest, and of the greatest importance to the meteorology of the Southern Ocean. It was also necessary for co-operation with the Imperial Antarctic Expedition under Sir Ernest Shackleton. The plant of the wireless station was offered by Sir Douglas Mawson for £500, and the upkeep and supply was estimated to cost from £1,200 to £1,800 per annum. As the island is Commonwealth territory, the purchase of the plant and management of the station was regarded in the province of the Commonwealth Government, but for upkeep I proposed to ask the Dominion to contribute £500 per annum for three years towards its maintenance. On this the Commonwealth authorities agreed to proceed, and on the 7th July the Prime Minister of the Commonwealth was definitely informed by the New Zealand Government of the offer. Some doubt and delay occurred at the outbreak of the war, and the consequent uncertainty of the sailing of the Imperial Antarctic Expedition, but on the 2nd October Mr. H. A. Hunt, the Commonwealth Meteorologist, cabled to me that his Government agreed to his continuance for one year at least, and accepted our contribution. The records from the Macquaries have been regularly transmitted since its establishment by Sir D. Mawson, but on the 8th, 9th, 10th, and 11th January last no records were taken, the staff being engaged in co-operating with the search for the s.s. “ Endeavour,” which is believed to have foundered on returning from the island after leaving stores, &c. A member of the staff of the Commonwealth Weather Bureau who had been engaged for some time in meteorological work on the island was lost with the ship.

“ In my visit to the Central Weather Bureau at Melbourne and the divisional office at Sydney I was treated with the utmost courtesy and consideration, and in the short time at my disposal I saw much of the inside working of these offices. I obtained sets of forms, maps, and plans which were of great interest and value, and I would like to especially mention the system of the Queensland flood-reporting inaugurated by the Weather Bureau, which I think might be applied with advantage to some of the rivers subject to floods in this Dominion.

“ The work of our office has gone on as usual, but with a natural growth in volume, which, without increase of staff, prevents advance in several directions regarded as desirable and important. Changes have also been postponed for want of fuller consultation with, and approval of, international meteorological authorities.

“ Dr. W. N. Shaw, Director of the British Meteorological Office and Chairman of the International Committee, has informed me that the decennial Conference of Directors of Meteorological Offices throughout the world, which was to have taken place in September, 1915, has been postponed, and probably will not assemble until a year after the declaration of peace. The Conference has many matters of particular interest to New Zealand for its consideration, particularly a system of storm-warning, upon which I have been for some time in communication with Dr. Shaw. Both he and Dr. H. R. Mill, Director of the British Rainfall Organization, however, urge the necessity of bringing New Zealand more into line with international requirements, and say that it would be beneficial if the Government were to send me Home in the meantime.

“ The need for more office space has been met by the Public Service Accommodation Board securing for us two extra rooms at the former rental by taking the whole under lease for a period of five years. We have now a direct telephone communication with the Telegraph-office and the room in which we prepare the daily morning weather reports. Mr. Wyatt, the Superintendent of the Wellington Telegraph-office, has instituted a system of checking the incoming weather reports, and, by occasionally speeding the returns of certain dilatory reporters, has saved great inconvenience to us as well as the telegraph operators themselves, enabling us to issue the reports more promptly to the public. In some instances it has been reported to us that local Postmasters are careless about the publication of the weather reports and forecasts, but in general the services rendered to our Department by the Post and Telegraph officers show commendable zeal and public spirit. The staff of the Head Office has assisted us, with the utmost alacrity and to the fullest extent, and we are deeply indebted to them.

“ Chatham Island Wireless Station has been equipped with instruments for reporting weather daily, and on the 8th April, 1915, commenced transmitting reports at a nominal cost to this Department. This report is again sent by us as a collect telegram to Australia.

“ The establishment of the Public Service Commissioner's system of filing correspondence, though necessary for the growth of our operations, has entailed considerable difficulty and some delay while carrying on the usual work of the office.”

Arrangements have been made with the Government of the Commonwealth under which New Zealand is to contribute £500 a year for a period not exceeding three years towards the cost of wireless communication with Macquarie Island, and under this arrangement the Meteorological Branch of the Department is receiving reports which are used for weather-forecast purposes.

Government Steamers.

The Department has continued to employ the “ Hinemoa ” on her usual work of conveying material, stores, provisions, and oil to lighthouses, in attending to cleaning and painting buoys and beacons, and the work has been carried out in a very satisfactory manner. In addition to her ordinary work the vessel has conveyed to the site the material required for the lighthouse-tower which is being built on Karori Rock in Cook Strait.

A vote was taken last session of a part of the cost of a new steamer to replace the “ Hinemoa,” and steps are now being taken to invite tenders for building and equipping the vessel.

During last winter and early spring the training-ship "Amokura" was moored in Wellington Harbour, and the boys attended technical-school classes at the ship's schoolroom on the Thorndon Esplanade, instruction being given by a teacher employed by the Wellington Technical School, the Department paying his salary. The examination which was held at the end of the term showed very satisfactory results. The vessel is now moored in the harbour for this winter, and the instruction classes are being carried on in the same way as was done last winter.

The vessel commenced cruising at the end of October last, having been delayed for a time owing to the outbreak of war, and in addition to coastal cruises she paid two visits to the southern islands, and one to the Kermadec Islands, to search for castaways, and to examine the provision and clothing depots which are maintained on those islands for the benefit of persons who may be shipwrecked on them. During her coastal trips she called at Gisborne, Picton, Port Underwood, Kaikoura, Lyttelton, Akaroa, Timaru, Oamaru, Otago Harbour, Bluff, and Stewart Island. It is usually found that after she visits a place applications for admission to her come from boys at those places. No difficulty has been experienced in keeping up her full complement of sixty boys—in fact, there are usually boys waiting for vacancies.

The general behaviour of the boys has been good; their duties have been carried out with alacrity and cheerfulness, and there have been no serious offences against discipline.

Under the arrangement made with the Union Steamship Company four more of the best boys have been placed on board the s.s. "Aparima" to be trained as officers. Their names are—S. A. Faulkner, of Devonport; W. H. Cadwallader, of Timaru; F. H. Retter, of Auckland; and L. Massey, of Gisborne.

There are at present fifty boys who have been trained in the ship serving in the Empire's military and naval forces. They are as follows: With the New Zealand Expeditionary Forces—W. W. McNeil, C. J. Lawton, H. C. Breach, A. S. Birse, W. Brennan, F. Small, E. L. G. Mahony, A. J. Cox, W. Morrissey, P. J. Jenkins, V. J. Hay, E. C. Sarginson, J. G. Macalister, S. R. Billett, T. P. Moir, W. Middleton, C. C. Todd, B. W. Martin, T. J. Guthrie, A. J. Westrupp, H. C. Watson, J. Scaife, P. Manson, C. G. Edwards, E. A. Latimer, G. Silvester, I. Asher, and J. Smith; in His Majesty's Navy—R. H. Hucks, A. H. Soper, W. H. Burborough, J. F. Burrows, B. Macfarlane, H. O. Stone, G. M. Collins, E. Magnusson, F. C. Turvey, H. G. Hullah, R. W. Fairweather, R. T. Ings, H. T. M. Watson, F. Darlow, E. O. Maney, T. W. Parton, F. Kivell, J. Hannan, C. J. M. Gaby, and I. Grace; in the Imperial Army—T. R. Wagstaff; in Imperial Transport Service—M. Martin.

The members of the permanent staff have carried out their duties very satisfactorily. Their quarters are very cramped, but owing to the small size of the ship they cannot be enlarged.

Lighthouses.

The construction of a ferro-concrete tower for the proposed light on Karori Rock has been proceeded with during the year, but, owing to its being impossible to work on the rock in southerly weather and to there having been a good deal of such weather, the progress of the work has been slower than anticipated. A portion of the foundation had to be started near high-water mark and built up to the top of the rock—a height of 25 ft. This has been completed, and the tower has been built to a height of 32 ft. above the rock, leaving 8 ft. to be completed. The light will be an automatic acetone-acetylene white light showing a flash of half a second followed by an eclipse of three and a half seconds.

An iron tower has been erected on Channel Island, in the Hauraki Gulf, and an automatic acetone-acetylene white light has been installed in it. It was lighted on the 11th February, 1915, last, and showed the following flashes: half-second light; two seconds eclipse; half-second light; ten seconds eclipse. Since it was lighted a defect developed in the mechanism, and pending a new flasher being procured the light is showing a flash of half-second light with eight seconds darkness.

A vote was taken last session for a light on Flat Rock, in the Hauraki Gulf. The necessary steps are now being taken to alter the beacon on the rock to make it suitable for carrying a light, and an automatic acetone-acetylene light has been ordered.

Automatic acetone-acetylene lights have been ordered for Nelson and Ponui Passage lighthouses.

Last session of Parliament a vote was taken for a light on Okuri Point, D'Urville Island, which will serve as a mark for the Beef Barrel Rocks, and steps are being taken to erect the necessary tower and to procure an automatic acetylene light.

The Pintsch-gas light has been maintained at Jackson's Head, but I recommend that an automatic acetone-acetylene light be procured and substituted for it, as such a light will be more reliable, the work of attending to it will be much lighter, and the cost of the necessary gas less.

The various lighthouses have been maintained in a state of efficiency, and the keepers have carried out their duties satisfactorily.

The Department has always necessarily provided houses for keepers, and in consequence of this being done their salaries have been less than they would have been had they provided houses themselves. Since the Public Service Superannuation Fund was established the keepers have had a valid grievance in that their superannuation allowances being based on their salaries, those allowances are less when they retired than they would have been had they provided their own houses, as is done by other public servants for whom houses are not provided. This grievance would be remedied by fixing the salaries £25 a year higher than the rates hitherto paid, and charging the keepers £25 a year house-rent.

Lightning struck Dog Island tower at 12.30 a.m. on the 1st June last, fusing the telephone-wires and speaking-tube, destroying two spare copper shutters and all connections on the telephone-line to the Bluff, breaking four windows, and smashing tank-stand where the current went to earth. On the 30th September an earthquake threw the machine out of position in the Cape Campbell tower: the light was out for one night, when the machine was put back into its place. On the 28th October an earthquake made a deep crack in a part of East Island near the lighthouse and the principal keeper's house, but no damage was done to the buildings.

During the year I have inspected the lighthouses at Castle Point, Portland Island, East Cape, Cuvier Island, Ponui Passage, Tiritiri, Mokohinou, Chicken's Island, Cape Brett, Cape Maria van Diemen, Kaipara, Manukau, and Cape Egmont; but pressure of departmental work has prevented me visiting those in Cook Strait and the South.

A rearrangement has been made in the night watches at lighthouses where there are two keepers, which allows two watches to be kept from the 1st November to the end of February, the first watch being from sunset to midnight and the second from midnight to sunrise. At three-men stations the watches remain as hitherto—namely, first watch from sunset to 8 p.m., second from 8 p.m. until midnight, third from midnight to 4 a.m., and fourth from 4 a.m. until sunrise.

Three keepers have died, two have resigned, two have been transferred to other Departments, and one has been dismissed from the service for going to sleep on watch, when the light, which is a revolving one, became stationary. Eight new keepers have been appointed to fill the vacancies.

The following additions and repairs have been made to lighthouses:—Cape Maria van Diemen: Winches repaired; second assistant keeper's house enlarged. Mokohinou: Landing-place improved and new crane erected. East Cape: Boat-shed finished and new telegraph-cable laid. Manukau Head: Fence erected. Kaipara: Washhouse erected. Pencarrow: Fence erected. French Pass: Flagstaff erected. Stephen Island: Underground water-tanks repaired. Cape Campbell: Rabbit-proof fence erected. Akaroa Head: Incandescent light installed. Taiaroa Head: Telephones and washtubs put in. Cape Saunders: Winch repaired. Nugget Point: Fowlhouses, cow-shed, and stables erected. Dog Island: Roofs repaired, porches built, drains laid, and new lightning-conductor fitted. Centre Island: New boat supplied.

Marine Store.

The new store for the Department on the reclaimed land at Wellington has been completed, and the two old stores which were at Pipitea Point have been moved to the new site. The new store has been fitted with a travelling crane which enables the work of taking in and putting out goods to be carried out more expeditiously.

Fog-signals.

The explosive fog-signals at Cuvier Island, Pencarrow Head, Godley Head, and Taiaroa Head have been maintained in good working-order. Repairs have been made to those at Godley Head and Taiaroa Head.

The light dues collected during the year amounted to £39,216 10s. 4d., as compared with £41,745 12s. 4d. during the previous year.

Harbours.

The s.s. "Hinemoa" has carried out the work of cleaning and painting the buoys in the harbours under the control of the Department. Arrangements have been made for the erection of a beacon to carry a light in the Narrows, Hokianga Harbour, between Rawene and Kohukohu, and a light has been ordered. A new retaining-wall is being built round the area at Kohukohu, which was reclaimed by the deposit of sawdust when a sawmill was working there. The Department's intention when it started this wall was to road the land, cut it up, and lease the sections, but since the work was commenced the Railway Department has asked for the area for a site for a sawmill which it proposes to establish at Hokianga, and the question of whether the request will be acceded to is under consideration. A portion of the foreshore at Rawene has been surveyed and cut up into sections, which have been leased, and it is proposed to survey a further portion so that it may be cut up into sections for lease as demand for them arises.

As it has been found inconvenient for the Harbourmaster to be stationed at Hokianga Heads, it has been decided to move him and the boatman to Rawene, where he will be in a central position, and arrangements have been made to erect a new house for him there, and to move the boatman's house up from the Heads.

The contract which was let for making a buoy to carry the proposed light at Beacon Reach, Kaipara Harbour, has not yet been completed, owing to the delay in getting the necessary material from England which arose in consequence of the war; but as soon as the buoy is ready it will be placed in position, and the light will be placed on it.

In February last the automatic light at Shelly Beach in this harbour went out owing to the gas escaping from the cylinders. The light was relighted as soon as a fresh supply of gas was obtained, and there has been no difficulty with it since.

The work of repairing and extending the training-wall at Karamea is being carried out. Floods have necessitated extensive modifications and additions to the contracts. The repairs to the wharf have been completed, and it is proposed to repair the wharf-shed.

The Harbours Act, 1910, gives power to lease mud-flats on which there is not sufficient water at high water for navigation purposes, the leases not to exceed twenty-one years; and applications for leases in Kaipara Harbour have been received, the applicants desiring to reclaim the land by banking the tide out, and then to use the areas for fruitgrowing and gardening. Arrangements have been made with the Lands Department to inspect the flats, and report as to the areas in which they should be leased and as to the rents that should be charged.

The practice of licensing persons to take gravel and sand from the foreshores on payment of a royalty has been continued, most of the licenses being for the Hauraki Gulf. It is proposed to proclaim a strip of land round a portion of the gulf to be a reserve, so that the taking of the material from the foreshore may not cause injury to private land. The necessary survey has been made and the plans prepared.

A report by the Marine Engineer on the various works dealt with by him is appended.

Proceedings have been taken against persons for taking shingle and sand without permits, and for offences in connection with harbours, as follows: W. Larsen, for taking shingle—fined £2 and costs; S. Clare, for taking shingle—fined £10 and costs; T. Brown, for taking shingle—fined £4 and costs; J. Spencer, for taking shingle—fined £2 and costs; W. Hadly, for taking shingle—fined 5s. and costs; and L. Vasta, master of the ketch "Coronation," for depositing ballast in Russell Harbour—fined £5 and costs. H. Hardiman was prosecuted for sending a boy to steal benzene from the Harbourmaster's shed at Hokianga, and was sentenced to one month's imprisonment.

The sum of £1,561 16s. 1d. was collected for pilotage and port charges in respect of harbours under the control of the Department, as compared with £1,440 13s. 4d. during the previous year. A return of the amounts collected at the various ports, and also the amounts collected at ports under the control of Harbour Boards, is appended.

Fisheries.

On the completion of the examination of the fisheries of the Dominion last year Professor Prince, the Canadian Commissioner of Fisheries, made a preliminary report containing valuable recommendations which are under consideration. His complete report, has not, however, been yet received, but a letter has recently been received from him stating he has it in hand.

The Department continued to pick rock-oysters in the Hauraki Gulf and the Bay of Islands last season. The beds have improved so much that a greater quantity than was picked could have been taken had there been a greater demand for them. The quantity picked and sold was 8,361 sacks, and the amount realized was £5,752 6s. 6d., and the net profit made was £1,664 18s., part of which has been used to replant depleted areas. I saw some of the beds in December and January last, when they were in first-class condition, and they should this season meet all demands—which is a very different state of things from that which existed when the Department took over the picking in 1908, at which time they were becoming rapidly depleted by the indiscriminate picking which was carried on by private pickers.

The price charged is 13s. 6d. a sack at the depot in Auckland, and in addition to disposing of them by the sack the Department is now selling them at the depot in quantities of five dozen for 1s., and a kerosene-tin full, or about eighteen dozen, for 3s. These parcels have met with ready sale, 367 sacks having been sold in such parcels to persons who do not require so large a quantity as a sack.

The beds in Hokianga Harbour, which were very much depleted by overpicking when the system of private picking was in vogue, having recovered, they were picked last season, and the oysters were sold locally at 10s. a sack. They are being again picked this season and sold in the Hokianga district at the same price.

Of the oysters, 8,361 sacks, picked last season in the Hauraki Gulf, Bay of Islands, and Hokianga, 7,523 sacks were sold at Auckland, 255 at Russell, 38 at Hokianga, 248 at New Plymouth, 138 at Gisborne, 60 at Napier, 12 at Hokitika, 8 at Greymouth, 19 at Westport, 2 at Patea, 13 at Wanganui, 43 at Wellington, and 2 at Christchurch.

There are now large quantities of mangrove-oysters growing on the mangrove-trees in the north of Auckland, and as there is no market for these oysters in New Zealand it would be advisable to export them to Australia, which formed a good market for them before the export of rock and mangrove oysters was prohibited.

The oysters taken from the Foveaux Strait beds last season were 24,793 sacks, valued at £12,396 10s., of which 3,285 sacks, containing 302,050 dozen, valued at £2,396, were exported to Australia.

Thirteen Inspectors of Sea Fisheries, of whom eight were members of the Police Force, were appointed during the year.

Mr. Henry Stephenson, who has been Inspector of Fisheries at the Bay of Islands since the 1st September, 1892, will retire on superannuation at the end of October next. He has been a most capable and zealous officer, and I regret the age-limit necessitates his retirement.

Toheroa: The toheroa-bearing coast in the Kaipara district has been cut up into reasonable areas for leasing, £5 being fixed as the annual rent for each area. Provision was made in the leasing regulations that if two or more persons apply for the same area the one having a canning-factory in operation is to receive the lease, and if there are two or more applicants who have factories, the one who has had his factory the longest is to receive preference. Tenders were invited for the leases, but only two were received, and as these were for the same area and both tenderers had factories, the preference clause had to be put into operation.

The report of Mr. Ayson, Chief Inspector of Fisheries, is appended, and also the report on the Portobello Marine Fish-hatchery, by Mr. Anderton, the curator.

Inspection of Land Boilers and Machinery.

As it was found that the Inspectors employed by the Department were unable to keep the inspection-work up to date, two new Inspectors have been appointed, one of whom, Mr. D. Rankin, has been stationed at Napier, and the other, Mr. S. N. Johnston, at Wanganui; and in order that the law requiring boilers and machinery to be inspected may be carried out, so as to provide as far as possible for the safety of life and freedom from accident, it will soon be necessary to appoint another Inspector for the Waikato.

As pointed out by the Chief Inspector in his report which is appended hereto, it is advisable that more frequent inspections should be made of passenger and goods lifts; but it is impossible to do this without an increase in the staff. This will, of course, involve an increase in the cost of inspection, but this should not stand in the way when the safety of life is concerned.

As pointed out in the synopsis of the Inspection of Machinery Amendment Act, which appears in this report, certificates for boilers and machinery are now issued by the Secretary of the Department on the reports of the Inspectors who made the inspections, which saves time and expense. Prior to

the coming into operation of the amending Act of 1914 the certificates were made out in the Head Office and sent to the Inspectors for signature, and were then posted by them to the post-offices at which the inspection fees were to be paid. Under the new system they are completed at the Head Office and sent direct to the post-office; a notice that this has been done, with a note of the fees payable, being at the same time posted to each owner.

Certificates have been issued to 414 land engineers and land engine-drivers, and a list of the persons receiving them is appended hereto.

The Hon. the Minister of Marine, Wellington.

I have, &c.,

GEORGE ALLPORT, Secretary.

The MARINE ENGINEER to the SECRETARY, MARINE DEPARTMENT.

SIR,—

15th April, 1915.

I have the honour to report as follows upon the various works dealt with during the year ended the 31st March, 1915:—

Cape Maria van Diemen Lighthouse.—A revolving cowl is being manufactured for the purpose of improving the ventilation.

Hokianga: Taheke River Improvement.—A scheme for improving the river-channel has been prepared, and some work has been done in the way of removing rocks, destroying willows, &c. The remainder of the work can only be done when the river is at its lowest, and will be attended to at the first opportunity.

Hokianga: Kohukohu Reclamation.—Contracts were prepared and tenders invited for the erection of a protective wall and other works, but the tenders received were considered excessive, and the work is being carried out under the direction of the Department. Small contracts have been let for the supply of steelwork, and also for pile-driving, &c. The work is approaching completion, and the area behind the walls is being filled in.

Hokianga: Harbourmaster's and Boatman's Houses. Arrangements are being made for the removal of the boatman's cottage from the Heads to Rawene, and for some additions and improvements; also for the erection of a new residence for the Harbourmaster at the same place.

Hokianga: Beacon at the Narrows.—It is proposed to construct a beacon with automatic acetylene light on a rock at The Narrows, Hokianga. Plans, &c., have been prepared, and arrangements made for the construction of the concrete base, and for the manufacture of the pedestal. The lighting-apparatus is on order.

Hokianga: Launch-landing at Rawene. Reports and estimates have been prepared in connection with a proposed launch-landing at Rawene.

Hokianga: Mangamuka and Orira Rivers. A small vote for the improvement of these rivers has been expended in snagging, but further expenditure is necessary to complete the work satisfactorily.

Hokianga: Karaka Point Wharf.—A proposal to erect a wharf at Karaka Point was investigated and reported upon.

Mokohinou Lighthouse.—A revolving cowl, similar to that which is being installed at Cape Maria, has been ordered for this lighthouse.

Flat Rock Beacon.—It is proposed to instal an automatic acetylene light on the beacon at Flat Rock, Kawau Island, and the necessary information is being obtained.

Great Barrier Wharf.—Surveys have been made in connection with the road approaches.

Kaipara: Mititai Wharf.—A further report was supplied regarding channel improvement, with estimate for a suitable training-wall.

Kaipara: Beacon Reach Light-buoy.—A tender has been accepted for the manufacture of a buoy to carry an automatic light for use in Beacon Reach, Northern Wairoa River. The work is not yet complete. The lighting-apparatus is being obtained.

Manukau Harbour.—A report was prepared in connection with a stock route across the mud-flat at Otahuhu.

Puhoi River.—A report was supplied with regard to a private reclamation.

Paparoa River Wharf. A report was prepared in connection with some suggested improvements and repairs.

Auckland: Turanga Creek Wharf.—A proposal to erect a wharf at Turanga Creek was reported upon.

Auckland: Taikata Creek Bridge.—A difference of opinion having arisen between the local authorities concerned as to the class of navigation to be provided for in connection with this bridge, a report and recommendation were made. Plans, &c., have since been approved.

Auckland: Channel Island Light.—A wire ropeway has been constructed and the pedestal erected ready for the lighting-apparatus, which has since been fitted up and the light exhibited.

Auckland Waterways Commission.—A certain amount of business has been dealt with in connection with this Commission.

Piako River Entrance.—Two leading-lights are being erected to facilitate navigation.

Whangapoua.—A report was furnished regarding the condition of a wharf at this place.

Tauranga Harbour.—A report was prepared in connection with a complaint that certain land-owners had encroached upon the foreshore. Sundry reports have been furnished in connection with wharf and harbour improvements at Tauranga. The matter is complicated by the proposed railway-line and station-yard in the vicinity, and a conference between representatives of the Government Departments and local authorities concerned has been arranged in order to devise a scheme which will meet all requirements.

Matata.—A report was prepared with regard to the silting alleged to have taken place in consequence of the diversion of the Rangitaiki River in connection with the land-drainage scheme.

Hicks Bay.—A proposal to erect a breakwater at Hicks Bay was reported upon.

Wainawa River.—Complaints having been made regarding the condition of the river, owing to timber-driving, the matter was investigated and reported upon.

Waipa River.—In order to obtain data with a view to improving the navigation of the Waipa River, gauges were erected at several places and connected with a line of levels, and the height of water in the river has since been observed regularly.

Kawhia.—A report has been obtained in connection with a proposed ferro-concrete wharf extension.

Castle Point Lighthouse.—Suggestions have been made regarding the renewal of the roofs of the houses at Castle Point, where the present roofing-material has proved unsatisfactory.

Karori Rock Beacon.—The erection of this beacon has been continued under great difficulties, due to the very exposed position of the rock. It is only when the sea is smooth that it is possible to do any work, the concrete being mixed on shore and carried by boat to the rock. Up to the present the base has been constructed, and the tower carried up to a height of about 20 ft. above it, or 45 ft. above water-level. The lighting-apparatus has been obtained, and can be fitted up as soon as the tower is completed, which should be in about two months' time, provided reasonably fine weather is experienced.

Karamea.—The repairs to the wharf, which were in hand at date of last report, have since been completed. Plans have been prepared for additions to the wharf-shed. The contract for repairs to the training-wall is still in hand, as is also the contract for extension, both having been seriously affected by floods, which have also necessitated extensive modifications and additions to the contracts. The extension of the training-wall having narrowed the channel, a number of residents, with the assistance of the Department, attempted to improve the entrance by diverting the river. Their efforts, combined with an opportune flood, resulted in the formation of a new outlet through a sand-spit, which has so far proved quite satisfactory.

Westport.—A report was furnished in connection with harbour-works at this port.

Kaikoura.—A proposal to provide better shelter for fishing-boats was reported upon.

Greymouth.—Sundry matters relating to harbour improvements have been dealt with.

Godley Head Lighthouse.—A report was supplied with reference to improvements in the water-supply.

Bruce Bay Landing.—Some further information has been obtained with regard to improved landing facilities at Bruce Bay, South Westland, and plans, &c., are being prepared.

Pelorus Sound—Kenepuru Arm—Waitaria Wharf.—This new structure was completed in August last.

Waimakariri River.—Further reports and estimates have been furnished in connection with the proposed training-wall to fix the outlet of this river.

Moeraki.—The repairs to launch-slip, which were in hand at date of last report, have since been completed.

Cape Saunders Lighthouse.—A new winch has been provided for the landing-crane.

Otago Harbour.—Sundry matters in connection with reclamation-works, &c., have been reported upon.

Taieri River.—A new jetty, in reinforced concrete, is being erected on the northern side of the river, near its mouth, and a report and estimate was prepared in connection with repairs to the existing jetty on the southern side, at Taieri Mouth Township.

Nuggets Boat-landing.—The mole protecting the fishermen's landing has been extended a short distance, the new work consisting of concrete blocks. A further sum is available and will be expended in a similar manner.

Dog Island Lighthouse.—The lightning-conductor has been renewed.

Ruapuke Island.—A proposal to construct a wharf is being investigated.

R. W. HOLMES, Marine Engineer.

The Secretary, Marine Department, Wellington.

The CHIEF INSPECTOR OF MACHINERY to the SECRETARY OF THE MARINE AND INSPECTION OF
MACHINERY DEPARTMENT.

SIR,—

Customhouse Building, Wellington, 27th May, 1915.

I have the honour to submit herewith the annual report on the operations and work of the Inspectors of Machinery and the Surveyors of Ships during the twelve months which ended on the 31st March, 1915.

The work connected with the surveys of steamers, of sailing-vessels, and of oil-launches is practically up to date. The launch-surveying has now assumed large proportions all over New Zealand and has engaged the attention of two Surveyors of Ships during the year. The land-boiler inspections and the machinery inspections include hydraulic and electric lifts for the carriage of both passengers and cargo. All oil and gas engines and electric motors have been inspected in all parts of New Zealand. In most of the country districts this year, owing to the weather-conditions, which have been good, a great number of new machinery inspections have been made in the more remote parts of the various districts. In the North Auckland district it will, I think, be advisable to open a new district office soon, either in Dargaville or Whangarei. The ship-surveys are getting very numerous in the Kaipara, Hokianga, Whangarei, and Bay of Islands, and the land machinery in and around those centres is, owing to new land-settlement, increasing very rapidly.

In the four principal towns of New Zealand the time of one Inspector is now largely devoted to inspecting passenger and goods lifts, and more time should, I think, be devoted to work of this kind in the large cities than heretofore. The speed of these lifts is fairly high and the wear-and-tear considerable. During the working-day thousands of passengers travel up and down in these passenger-lifts. So far, very few accidents have been recorded with lifts, and but for the supervision given to them the number of accidents might easily have been more numerous. I personally visited most of the districts throughout the year, and I can bear testimony to the zeal displayed by the surveying and inspecting staff in their respective districts.

The engineering trades have been slack during the year, and the new work offering has not been sufficient to keep all the works at their full running capacities. Ship-building has been fairly busy in Auckland and Dunedin.

Annual Survey of Steamships and Auxiliary-powered Vessels.

During the year new Life-saving Appliances Rules for ships came into operation. The rules deal with new boat equipment, more especially lifeboat equipment in the seagoing class of vessel, and buoyant equipment for vessels plying in restricted limits in and around harbours. Considerable alterations have had to be made in the equipments of most foreign-going vessels, and these have added to the cost of surveys this year. These regulations have led to a good deal of correspondence, but so far satisfactory arrangements have been made to comply with the regulations without unnecessary friction of any sort. There is no doubt that each year adds to the cost of running a modern ship, but any appliance that leads to the greater safety of ships should be adopted without delay. Modern passenger-ships, even in New Zealand waters, are large and carry a lengthy passenger-list, particularly in the intercolonial trades.

Four new vessels, over 25 tons gross register, have been built in the Dominion during the year, and six vessels are now under construction. The plans and specifications for all these vessels were submitted to the Department for approval. Last year the engines and boilers of only one out of the three steamers built were made in the Dominion. Of the four vessels completed this year, three are steamers, and in each case the boilers and machinery were made in the Dominion. This is a step in the right direction, and proves that satisfactory work can be done in the Dominion equal to the imported article. Two steamers, the "John Anderson" and the "Admiral," have been fitted with new boilers made locally, and these were supervised by the Department's Surveyors during the whole time of construction and installation. Of the four new vessels, two, the "Albany" and "Te Teko," were built of New Zealand wood, the other two, the dredge "Wallace" and the tug "Dunedin," of steel plating.

The "Albany" is a twin-screw steamer of 35 tons gross and 20 tons register, and is employed carrying passengers in restricted limits.

The "Te Teko" is an oil-engine cargo vessel of 108 tons gross and 56 tons register. She is fitted with twin screws, and the propelling-engines are of the semi-Diesel type and are of 120 b.h.p.

The dredge "Wallace" was built on the Priestman system. Her length is 83 ft. 9 in., breadth 22 ft., depth 6 ft. 6 in. The propelling-engines have cylinders 9 in. by 16 in. diameter, with a stroke of 10 in. The boiler is of the dry-back marine type, 6 ft. in diameter and 5 ft. 3 in. in length.

The tug "Dunedin" is of the following dimensions: Length, 124 ft. 6 in.; breadth, 25 ft.; depth, 13 ft. 6 in. Her gross tonnage is 345 and the register tonnage 125. The vessel is propelled by two sets of triple-expansion surface-condensing engines, each set driving a separate propeller. A contraflo condenser with centrifugal circulating-pump has been fitted, and also an independent air-pump and a pair of feed-pumps. Salvage and fire pumps and a complete electric-lighting plant have been installed. Steam is supplied from an Inglis type of marine boiler, 14 ft. in diameter and 11 ft. in length, working at a pressure of 180 lb. per square inch. This is the first New Zealand vessel to have this type of boiler fitted. The boiler is similar to the Scotch type, except that the products of combustion first pass from the common combustion-chamber at the back of the furnaces to a flue leading to the front of the boiler. The gases then travel back again by way of the usual small tubes to the uptake at the back of the boiler. The boiler is fitted with three corrugated furnace-tubes, and the flue-tube, which is similar to the furnace-tubes, is placed directly above the centre furnace.

Sixty-seven of the steamers surveyed were fitted with new propeller-shafts; sixteen had new propellers fitted; eleven had new blades fitted to their propellers; twenty had new engines fitted; several had new boilers fitted, three of which were made in the Dominion. One vessel was fitted with a new donkey boiler.

Considerable repairs and renewals to several of the vessels surveyed were made. Extensive repairs, as set out below, were effected at survey to the following vessels:—

S.S. "Elsie."—In the forward part of the hull a new keelson, 12 in. by 7 in. by 28 ft., was fitted and secured with Muntz bolts, $\frac{3}{4}$ in. diameter. The mast was found to be defective and was renewed. A new casing was built over the boiler. The engines were lifted out of the ship and thoroughly overhauled, including the re boring of cylinders and the fitting of new pistons. A new donkey pump was fitted. All the main and auxiliary steam-pipes were tested by hydraulic pressure to double the working-pressure. The steering-chains were renewed.

S.S. "Ennerdale."—The principal repairs at the survey of this vessel were made to the propelling machinery and the donkey boiler. The shafting of the main engines was lined up, the crank-shaft being lifted $\frac{1}{4}$ in. and the thrust-shaft $\frac{3}{8}$ in. The spare propeller was fitted. In the main boiler a number of rivets in the circumferential seams at the bottom of the boiler were renewed. The landing, where forward end plates join the shell at the bottom of the boiler, was overlapped with a patch 9 ft. long by $\frac{1}{2}$ in. thick. The bottom of the centre tube-plate at the front end was also patched. In the combustion-chambers four dog-stays, two screwed stays, one $2\frac{1}{4}$ in. back stay, one stay-tube, and two plain tubes and sixty rivets were renewed. In the donkey boiler eighty plain tubes and two stay-tubes were renewed. Two new feed-pump plungers were fitted, and new valves were fitted to the main and donkey check-valve chests.

S.S. "John Anderson."—A new main boiler, with new seats and casings, was fitted into the vessel. Structural repairs to the hull in the engine-room consisted of five new floors and reverse-bars, two new stringer-bars, and five new frames in the bunkers. The bunkers were renewed. Two new plates were fitted to hull. The bottom of the collision-bulkhead was repaired. The repairs to the machinery included the straightening of the intermediate shafting and the facing of the couplings, and the drawing and the cleaning of condenser-tubes. All winch steam-pipes were renewed. A new seat was fitted to one safety-valve. A new check-valve and a new blow-down pipe were fitted.

S.S. "Karoro."—Some important repairs were made to the hull of this vessel. The main keelson on the engine-room was strengthened by fitting two pieces of hardwood on each side of it. Two new sister keelsons were placed under the boiler-bed. The bulkhead between the boiler and fore hold and seven floor-timbers in the fore hold were renewed. Nine feet of the upper part of the stern was renewed, and four new hull-planks have been fitted on the starboard side and three on the port side. A new deck has been laid between the hatchway and the after-deck house. The vessel has been fitted with a new boiler, which was constructed in Auckland under the supervision of the local Surveyors.

S.S. "Maheno."—This intercolonial steamer is of the turbine-driven class. Her original machinery consisted of three sets of direct-driven turbines driving separate propellers. Those were taken out of the vessel at Port Chalmers and two sets of geared turbines were installed. The original central propeller has been discarded. All the original turbine and shaft seatings were cut out, and new seatings for the turbines, gear-cases, thrust-blocks, and bearings were erected. New stern-tubes of lap-welded steel have been fitted. All ballast-tanks were tested by water-pressure. Alterations were also made in the passenger accommodation, and casings for eight cabins have been fitted on the port and starboard sides of the after end of the smoking-room on the promenade deck. The geared turbines were made by Messrs. Denny, engineers, of Dumbarton.

S.S. "Mascotte."—The main boiler was lifted out of this vessel. New tubes, new bar-stays in steam-space, and four new stays in the combustion-chamber were fitted. The boiler was tested by hydraulic pressure to one and a half times the working-pressure. All main steam-pipes were also tested.

S.S. "Ngatiawa."—Both of the main engines were raised. The engine-seatings, all the reverse angles under engine-seatings, and all intercostals were riveted. Four of the intercostals were renewed. Two new 3 in. pillars were fitted in the engine-room. Both engines were relined off and fitted down to teak-wood chocks. New holding-down bolts were made and fitted.

O.E.V. "Taupiri."—This vessel received a thorough overhaul. Twenty-five rib frames, two sister keelsons, and several planks on both sides of hull were renewed. The inside lining of hull, the stern-post, the deadwood rudder, and rudder-post were renewed. A new stern-tube, propeller-shaft, and propeller have been fitted. The steering-gear has been renewed throughout, and a deck-house has been erected over the machinery.

S.S. "Wairoa" (of Auckland)."—The wooden bearers under the boiler have been removed and replaced with two long bearers, 28 ft. by 8 in. by 6 in., which have been bolted down to the hull. A new keelson, 40 ft. by 10 in. by 10 in., has been fitted under the engine and boiler. The lower side plates of the bunkers have been renewed. The old boiler was lifted out and a new boiler installed. The new boiler was fitted with new gun-metal mountings, new stop and safety valves and chests, smoke-box, and funnel. The stern-tube was rebored, a new metal bush and a new brass-lined propeller tail-shaft fitted. The whole of the engine-shafting was lined up. New feed-pump escape-valves and chests were fitted. A portion of the main steam-pipe was renewed, and the whole of the main and auxiliary steam-pipes were tested by hydraulic pressure to double the working-pressure.

The number of steamers and auxiliary-powered vessels surveyed during the year amount to 756, which shows a considerable increase on last year's surveys. Besides the usual annual surveys, a great many visits have been made by the Surveyors to vessels between annual-survey dates at docking-times, to have a look at the hulls and to see that the boats and equipments had been kept up to the standard.

The steamer excursion trips have been quite as numerous during the year as in former years, and have all been run free of accident.

Surveys of Ships for Seaworthiness.

Thirty-six of these special surveys of steam-vessels were made during the year throughout the Dominion. The principal causes for these surveys were the following: Vessels grounding, collisions, fire, boiler-defects, defects in steam-pipes, and leakage in hulls through loose rivets, mostly caused by driving vessels when light against a heavy head sea.

Government Steamers.

The Government steamers were all surveyed during the year, at which surveys no extensive repairs were made, with the exception of the s.s. "Janie Seddon" and s.s. "Lady Roberts," both of which have had fairly heavy repairs made to their main boilers. The names of the Government vessels surveyed are—s.s. "Ben Lomond," s.s. "Barnslaw," s.s. "Hauraki," s.s. "Hinemoa," o.e.v. "Huia," o.e.v. "Irvine," s.s. "Janie Seddon," s.s. "Lady Roberts," o.e.v. "Manurere," o.e.v. "Maroro," s.s. "Mountaineer," o.e.v. "Patiti," o.e.v. "Reremoana," s.s. "Tawera," s.s. "Tutanekai," and o.e.v. Defence launch "W."

Additional Steamers and Auxiliary-powered Vessels surveyed for the First Time.

Sixty-one steamships and vessels fitted with oil-engines as a motive power were surveyed for the first time during the year. This clearly proves the healthy expansion of the shipping trade in and around the ports of the Dominion, notwithstanding the adverse conditions under which trade has been carried on during the year.

Sailing-ships.

All surveys that were asked for by owners have been carried out. Several of these vessels have required a fair amount of time spent on them, as the repairs in some cases were fairly heavy. These

include new deck-beams, new stringers, new decks and new side planking, and a good many refastenings to hull. The copper sheathing, steering-gear, and centre-board gear in nearly all vessels required attention. These repairs were absolutely necessary to bring the vessels up to a seaworthy condition.

Among the principal surveys made of sailing-vessels are the following :—

Ketch "Katie S."—This vessel was thoroughly overhauled. A new stem and apron were fitted. New planking was fitted to both sides of the bow. New bulwarks on both sides forward, new hawse-pipes, and a new pawl-post for the windlass were fitted. Other parts renewed include the centre-board, knight-heads, decking forward, wheel chains for the steering-gear, bowsprit, and headgear. The bilges were stripped and the decks caulked.

Ketch "Pahiki."—The repairs to this vessel include two new stringers, 35 ft. by 12 in. by 2½ in., fitted to the hull, one on either side; three new half-beams under the deck; new lining in the hold where required, and centre casing renewed for 3 ft. 6 in. from the top. The general repairs include three new planks in the hull on the port side, two on the starboard side, and two on the starboard bow. The bottom of the vessel was refastened and the whole of the hull recaulked. Six new deck-planks were fitted and the decks were caulked. A new centre-board was fitted and new coamings to the starboard side of the hatchway were fitted. All new equipments were placed on board the vessel, including masts, rigging, and cargo gear.

Schooner "Rangi."—The lum-leg of the donkey boiler was renewed, and compensating-plates were fitted at all sludge-door openings, and new mud-doors were fitted. Repairs were also made to the centre-board of the vessel, the rudder-stock, the steering-wheel and chains, and the bower anchors.

Schooner "Welcome."—The repairs to this vessel include the following: Six deck-beams were renewed; ten new pillars were fitted under the deck; two partly new headstocks, each 14 ft. by 5 in. by 5 in., were fitted for the pillars under the deck. The following new planks were fitted to hull of vessel: Eight were fitted in the bottom and one on the side, each 25 ft. by 1 ft. 10 in. by 6 in.; six 9 in. by 4 in. timbers were fitted in the sides, and the whole were thoroughly rebolted. New pieces of covering board, 24 ft. by 10 in. by 3 in., were fitted. Both sides of the vessel were recaulked. One iron knee on the forward bulwarks was repaired. Several pieces of deck-planking were renewed, and the centre-board casing was repaired and caulked. The deadwood was repaired and rebolted. All the rudder-bands were refastened, and the rudder-gudgeons were bushed and refastened. The centre-board was reversed and fitted with new sheaves and pins.

The total number of sailing-vessels surveyed was ninety-five.

Explosive Permits.

At the port of Wellington 211 permits were given for the carriage of explosives on passenger and cargo vessels.

Marine Engineers' Examinations.

As foreshadowed in my report last year, new regulations have been issued for the examination of marine engineers in the Dominion to conform with regulations recently issued by the British Board of Trade. The new regulations were gazetted on the 15th June, 1914, and came into operation on the 1st August, 1914. A considerable alteration has been made in the service necessary to qualify for both the first-class and the second-class engineers' examinations. The machinery on board modern steamers is getting more complicated every year, and the knowledge required, both scientific and practical, covers a wide field.

Examinations for certificates of competency were held during the year at Auckland,* Awanui, Christchurch,* Dunedin,* Greymouth,* Half-moon Bay, Hamilton,* Hokianga, Invercargill,* Kohukohu,* Napier,* Nelson,* Opotiki, Papatowai, Russell, Tauranga, Wanganui,* Wellington,* Whangaparapara, Whangarei, and Whitianga.

The classes for which examinations were held were: First-class marine engineer, second-class marine engineer, third-class marine engineer, river engineer, marine engine-driver, first-class engineer of seagoing auxiliary-powered vessels, second-class engineer of seagoing auxiliary-powered vessels, and restricted-limits engineer of auxiliary-powered vessels.

The total number of candidates who sat for examination was 296, of whom forty-nine failed.

The examinations for marine engineers at Auckland, Wellington, Christchurch, and Dunedin are now held every two months instead of every four months. This is of great benefit to the candidate, but the change has necessarily taken up a great deal more of the examiners' time than in former years.

Examination of Land Engineers and Land-engine Drivers.

These examinations were held at the principal centres throughout the Dominion, and special examinations have also been held at many places to suit the convenience of the applicants. The full list of places where examinations were held is as follows: Alexandra, Auckland,* Bannockburn, Blenheim, Christchurch,* Dannevirke, Dargaville, Denniston, Dunedin,* Greymouth,* Hamilton,* Hawera,* Invercargill,* Kaikoura, Kohukohu, Napier,* Nelson,* Oban, Opotiki, Otautau, Palmerston North,* Queenstown, Tautuku, Timaru,* Waimana, Wanganui,* Wellington,* Westport,* and Whangarei.

The examinations held were for extra first-class engineers, first-class engine-drivers, second-class engine-drivers, winding-engine drivers (for both steam and electric power), and locomotive and traction engine drivers.

Reciprocal certificates were issued to applicants from other States as follows: England, 2; Canada, 1; New South Wales, 1; Queensland, 1; South Africa, 1; Tasmania, 2; Victoria, 2; and Western Australia, 1: total, 11.

* Places at which examinations have been held more than once during the year.

The book of regulations for these examinations was reprinted during the year. By the Inspection of Machinery Amendment Act, 1914, a candidate will, from the 1st April, 1915, be able to sit for either the locomotive or the traction certificate separately, or he can sit as in previous years for the full traction and locomotive certificate.

The total number who sat for these examinations was 547 ; of this number 133 failed.

Examination of Electric-tram Drivers.

Examinations for this certificate were held at Auckland,* Napier,* Wanganui,* Wellington,* Christchurch,* Dunedin,* and Invercargill.*

The numbers who sat for examination total eighty ; of this number eight failed.

Board of Examiners.

The Board of Examiners, consisting of the Chief Inspector of Machinery of the Marine and Inspection of Machinery Department, the Inspecting Engineer of the Mines Department, the Engineer-in-Chief, and the Electrical Engineer of the Public Works Department, with Mr. J. G. Macpherson as Secretary, sat in Wellington on thirteen days to issue certificates to candidates, and for other business with which the Board deals.

Inspection of Gas, Oil, Water, and Electric-driven Machinery, including Lifts.

Of this class of machinery there are still a number of inspections yet to be made, notwithstanding the fact that two thousand more inspections have been made this year than in any previous year. Oil-engines have been so perfected and cheapened that they are now within the reach of any one desiring a useful and an easily applied power.

The machinery inspections this year total 11,053. Of this number, 1,650 were gas-engines, 4,870 oil-engines, 4,516 electric and other lifts and motors (which include water and electric motors), and 17 steam machinery.

In Christchurch the use of electric power is becoming general since the power generated at Lake Coleridge has been available. The electric motor takes up little room, and the power is easily applied. It can be used at any time and for any purpose where power only is required for driving purposes.

Fencing of Machinery and Accidents with Machinery.

The fencing of machinery has received special attention this year. Some 784 notices have been given to owners to protect dangerous parts of machinery. The fencing of machinery tends to minimize the danger in connection with moving machinery, but no mechanical means can altogether take the place of the human element. Accidents will always occur, and this year quite a number of non-fatal and fatal accidents have taken place. A full account of each reported accident appears in a return at the end of this report.

Boilers inspected.

During the year 7,398 boilers were examined, being an increase of 362 on the number inspected last year. 790 defects were discovered in connection with boilers, twenty-six of which were very dangerous. No boiler-explosion has taken place causing bodily injury to any one, which is a matter of great satisfaction to the Department, and I congratulate the entire technical staff on such a result. Every district as far as possible has been visited, and there were not a great many boilers overdue in any part of New Zealand at the end of the year. This branch of the Department's work has gone along very smoothly, and there have been few cases of dispute with owners. Several steam-jacketed pans of peculiar construction have been submitted for the Department's ruling during the year.

Three hundred and seventy new boilers were inspected for the first time during the year. The table below gives the districts to which they have gone, their horse-power, and whether made locally or imported :—

District.	Local.		Imported.		Total.	
	Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
Auckland	50	529½	45	889½	95	1,419
Auckland South	21	254	5	153	26	407
Hawke's Bay	24	195	11	333	35	528
Taranaki	21	308	7	274	28	582
Wellington North	10	91¾	6	118	16	209¾
Wellington	17	74¼	15	551½	32	625¾
Marlborough	5	41	...	...	5	41
Nelson North	5	67	10	42½	15	109½
Nelson South	5	41	2	132	7	173
Westland	6	237	...	...	6	237
Canterbury	23	107¼	7	33½	30	140¾
Canterbury South	1	15	4	21	5	36
Otago	15	114¼	31	205	46	319¼
Southland	13	105½	11	67½	24	173
Totals	216	2,180½	154	2,820½	370	5,001

* Places at which examinations have been held more than once during the year.

Drawings for each of these boilers were submitted for approval before a decision as to a working-pressure was arrived at.

The whole of the moving machinery driven by steam plants has been thoroughly inspected for the employees' safety. Defective fittings in connection with boilers numbering 350 were discovered during the year, and 425 notices to have repairs made to boilers were given to owners.

Districts and Inspections.

Two new Inspectors and Surveyors were appointed during the year. Mr. D. Rankin was appointed on the 4th January, 1915, and Mr. S. N. Johnston on the 15th January, 1915. Mr. Johnston has been appointed permanently to assist the Wanganui District officer, and Mr. Rankin to permanently assist the Napier officer. It will be necessary to appoint another officer to permanently assist the officer at Hamilton. This district has grown very much of late, and long distances have to be covered. Assistance totalling six months has been rendered by officers to districts other than their own throughout the year. The natural increase in boilers and machinery last year easily provided work for two new Inspectors, and this year will be no exception, so far as I can see, judging by the amount of new machinery installed since the beginning of April.

I have, &c.,

ROBERT DUNCAN,

Chief Inspector of Machinery, Chief Surveyor of Ships; Chief Examiner of Marine Engineers, Land Engineers, and Engine-drivers.

The Secretary, Marine and Inspection of Machinery Department.

THE CHIEF INSPECTOR OF FISHERIES TO THE SECRETARY, MARINE DEPARTMENT.

SIR,—

Wellington, 4th June, 1915.

I have the honour to supply the following report on the fisheries and the work carried out by me during the year ended the 31st March last.

When I resumed my duties on the 1st April, on the expiration of my leave, I was engaged from that date until the 15th August making arrangements for and accompanying Professor Prince on his inspection tour of the fisheries of the Dominion.

By instructions from the Hon. the Minister of Marine I met Professor Prince on his arrival at Auckland from Vancouver on the 7th April, and accompanied him to Wellington by way of the Wanganui River.

The Department decided to use the Government steamer "Hinemoa" to take Professor Prince on a sea cruise round the Dominion to enable him to inspect and test the various fishing-grounds. The vessel was fitted out with trawling-gear, dredges, &c., and also a supply of preservatives, and also jars and other receptacles for holding specimens, and was ready to begin the cruise on his arrival in Wellington, leaving there on the 14th April for Lyttelton.

The work of prospecting the fishing-grounds was commenced in Pegasus Bay, off Lyttelton Heads, the following day, and from there the vessel worked south to Port Chalmers, testing the various fishing-grounds on the way down.

Mr. G. M. Thomson, Chairman of the Portobello Marine Fisheries Board, and Mr. Anderton, Curator of the Portobello Marine Hatchery, joined the "Hinemoa" at Port Chalmers. Mr. Thomson remained on board until the work was finished as far south as Foveaux Strait, and Mr. Anderton continued on board throughout the cruise to assist Professor Prince in collecting and sorting specimens.

From Foveaux Strait the cruise was continued west to Te Waewae Bay, through the West Coast Sounds, and up the west coast to Nelson, and from there through the Marlborough Sounds and Cook Strait to Wellington, arriving there on the 30th April.

During the cruise round the South Island twenty-eight hauls of the trawl-net were made, and thirty-one shots of the dredge.

The work of inspecting the fishing-grounds was resumed on the 4th May, when the "Hinemoa" left Wellington on her cruise round the North Island. Professor Prince remained on board until the vessel arrived at Auckland, where, owing to the limited time at his disposal, he was compelled to leave in order to commence an inspection of the lakes, rivers, and fish-hatcheries, and meet fishermen, fish-salesmen, members of Acclimatization Councils, and others interested in fish and fisheries at the various centres throughout the Dominion. The "Hinemoa" continued the work of inspecting the fishing-grounds from Auckland round the North Island, Captain Bollons directing the work, and Mr. Anderton collecting specimens and keeping the records of the work.

Professor Prince commenced his overland tour through the Dominion the day he left the "Hinemoa" at Auckland (13th May), and we visited and held conferences with those interested in the fisheries generally at the following places: viz., Russell, Auckland, Thames, Tauranga, Rotorua, Okoroire, Taupo, Tokaanu, Napier, New Plymouth, Hawera, Wanganui, Masterton, Wellington, Picton, Blenheim, Nelson, Greymouth, Hokitika, Christchurch, Lake Ellesmere, Temuka, Timaru, Oamaru, Hakataramea, Moeraki, Port Chalmers, Dunedin, Invercargill, Bluff, Riverton, and Queenstown. We also made an inspection of some of the principal rivers and lakes in the following districts: viz., Southland (including Te Anau and Manapouri Lakes and their tributaries), Lake Wakatipu, Otago, Canterbury, Westland, Grey District, Nelson, Marlborough, Wellington, Wairarapa, Manawatu, Wanganui, Hawera, Taranaki, Hawke's Bay, Taupo, Rotorua, and Waikato. Professor Prince also made an inspection of the rock-oyster beds in the Hauraki Gulf and Bay of Islands.

As will be seen from his report, Professor Prince is very favourably impressed with the extent of our coastal fishing-grounds and of the quantity and quality of the fish obtainable, also with the lakes, rivers, and inland waters of the Dominion; and in comparing the fisheries of New Zealand with those of some other countries he says, "there is every ground for being optimistic in regard to the future of New Zealand fisheries. Their extent and possibilities have not been adequately realized."

Professor Prince makes useful and practical recommendations with regard to the organization and development of both the sea and fresh-water fish, and I hope the Government will see its way to act on these recommendations with as little delay as possible.

Besides the general tour with Professor Prince, I have since made during the year special visits of inspection to Bluff, Invercargill, Dunedin, Oamaru, Timaru, Lyttelton, Lake Ellesmere, Kaikoura, Marlborough Sounds, Nelson, Napier, Auckland, Whangarei, Bay of Islands, and Kaipara. I have also made a special inspection of the Hauraki Gulf, Bay of Islands, and Whangarei oyster-beds, and also an inspection of the toheroa-beds on the Rangitira Beach, near Helensville, and the beds between North Kaipara Heads and Maunganni Bluff.

With regard to the supply of fish brought to market at the various fishing-ports during the year and the condition of the fisheries generally, I beg to give the following information from the local Inspectors' reports and from my own observations.

Bluff and Stewart Island.—The Inspector at Bluff reports that during the year 8,045 cwt. of fish, valued at £11,263, was landed, and of this quantity 4,445 cwt., chiefly blue cod, was exported to Australia. During the season three steamers and four auxiliary vessels were employed dredging for oysters, the steamers generally worked the "east" beds and the other vessels the "west" beds. The total quantity of oysters landed during the season was 24,793 sacks, valued at £12,396 10s., of which 3,285 were exported to Hobart and Melbourne. The quality of the oysters during the last two seasons has been exceptionally good. Owing to the intercolonial steamers now running triweekly instead of weekly as formerly, a set-back has been given to the export trade of both fish and oysters.

The fishermen at Stewart Island report good catches of blue cod and other market fish when the weather was favourable. A good deal of stormy weather was experienced in the spring and early summer, but notwithstanding this the earnings of the fishermen have been well maintained.

In the New River Estuary and Riverton, flounders have been fairly plentiful throughout the year.

Otago District.—The monthly reports supplied by Mr. Adams, Inspector of Fisheries for the Otago District, show that during the winter and spring bad weather frequently interfered with fishing operations, but notwithstanding this the market was fairly well supplied from the local fishing-grounds. Good catches of flounders, trevalli, &c., were frequently made by the seine-net men inside the harbour at times when bad weather prevented the trawlers and line men from going outside. Through the summer and autumn fish have been plentiful, and in fine weather splendid catches of the best market fish were made, and the market has been very well supplied.

At Nugget Bay the fishermen say it has been a poor season. Unfavourable weather up to the end of the year interfered with fishing; since then fair catches of groper and blue cod have been made.

At Pounawea, where the fishing is all seining in the tideway of the Catlins Estuary, good catches of flounders have been made.

At Tautuku there are now five boats fishing and getting good catches. With proper facilities for getting the fish to market this place is capable of supplying a large quantity of fish for the Dunedin and other city markets.

At Moeraki the catches of groper and blue-cod have been poor all through the winter, and since then fishermen report that the supply has not been equal to that of an average season.

At Oamaru poor catches of groper were made up to the end of the year; since then the supply has improved.

Timaru.—The Collector of Customs, in his report on the fisheries, says that "the supply of fish has only been moderately good, the catches of groper by the line fishermen being much smaller than in past years." Taking the year all through it has been a fairly successful one for the trawlers, and in the autumn there was an improvement in the supply of groper on the lining-grounds, and within the few weeks some large catches have been made. During the year a fish-market has been established by the fishermen close to the fishermen's wharf. The building is leased to the fishermen by the Harbour Board at a nominal rent, and the fish are sold by the fishermen direct to the public. The market has been a great success. It is well supported by the people of Timaru, who avail themselves of the opportunity of getting fish fresh from the boats at a reasonable price, while the fisherman gets a better price for his catch, as a good part of the profit usually made by the retail fish salesman now goes into the pocket of the man who catches the fish.

Christchurch.—The local fishing-grounds have for a considerable time supplied only a very small proportion of the fish required for this market, the principal supply coming from the various fishing-ports outside the district—at certain seasons from as far south as Nugget Bay and north to Wellington. As is to be expected, the supply coming forward is frequently insufficient, and, in the summer months at any rate, often not in the best condition. During the past year the supply has been somewhat erratic: for some time there was a considerable scarcity, but lately a good supply has been coming forward. With the extensive fishing-grounds which exist in the Canterbury Bight and to the north of Akaroa there is no reason why the City of Christchurch and district should not be well supplied with fresh fish from the local fishing-grounds. Having prospected these grounds, I am convinced that good-sized trawlers with insulated packing-chambers to store the fish should do well on the grounds I have mentioned, particularly to the south of the Akaroa Peninsula. Such vessels could stay out several days at a time and land in port once or twice a week with a cargo of fish.

Kaikoura.—The usual market fish caught here have been plentiful throughout the year, and large consignments have been sent to Wellington and Christchurch markets, and in favourable weather landed in good condition. With cool storage and ice-making plant and a better transport service the Kaikoura fishing-grounds could supply the markets of these two cities with a large and regular supply of the finest market fish. Fishermen could fish every day when the weather would let them, and with the certainty that every fish they caught would arrive at the market in good condition and realize the highest market price. As things are at present they can only fish part of their time, and it is only in the winter months that there is any certainty of their catches arriving at Wellington and Christchurch in a marketable condition.

Marlborough Sounds.—The output of fish during the year has been quite up to the average of other seasons. Unfavourable weather through the winter and spring interfered somewhat with fishing operations, but when the weather was favourable good catches were made, particularly through the summer and autumn. The principal fish sent to market are hapuku, blue cod, moki, tarakihi, warehou, herrings, and flounders. The launches trawling in Cloudy Bay have had a successful season.

Nelson.—During the year the market has been well supplied with hapuku, hake, flounders, schnapper, butterfish, red cod, and gurnard. No exceptional catches have been reported, but a fairly regular supply has been maintained. Besides supplying the local market and inland districts, considerable quantities are shipped to the towns on the west coast as far south as Hokitika.

Wellington.—This season the catches of groper on the local grounds have been exceptionally good. The warehou season has also been an exceptionally good one. Fish salesmen say that for the quantity and quality of the fish it is one of the best warehou seasons they have known. The supply of other fish from the local fishing-grounds has been about the average of other seasons.

The Municipal Fish-market continues to be well patronized by the public. The quantity of fish passed through shows a considerable increase on the previous year. As in all cities, an occasional short supply of fish has to be experienced, but, taking the year through, the supply coming forward to the Wellington market has been well maintained. For some time during the year the steam trawlers "Nora Niven" and "Countess" worked on the trawling-grounds in Cook Strait and Palliser Bay. The "Nora Niven" worked for a time on the west coast north of Waitara, and was successful in getting good catches of fish, principally schnapper, tarakihi, gurnard, soles, and flounders.

Napier.—Very fair hauls of fish were made by the trawlers on the Hawke's Bay trawling-grounds up to the end of the year; since then the catches have been rather poor, and said to be considerably below the average of the two previous seasons for the same period. The two larger trawlers, the "Nora Niven" and "Countess," have, as usual, worked farther out in water from 20 to 40 fathoms, getting fair catches of round fish such as schnapper, kingfish, tarakihi, &c. Lately very good hauls are reported from the grounds to the north of the Mahia Peninsula and off Tolaga Bay. The catches by the seine-net fishermen have been about the average of other years.

Auckland.—Inspector Bennett reports that the market has been generally well supplied with fish during the past year. Schnapper, he says, are decreasing in quantity on the old fishing-grounds near Auckland, but on the grounds farther out in the neighbourhood of the Barrier Islands, Mokohinou, and Hen and Chickens they are found in abundance. He reports that mullet are becoming scarcer every year, and recommends a close season extending over a number of years in the Hauraki Gulf. Flounders have been taken in fairly large quantities by net fishermen. Trevalli, tarakihi, john-dory, and hapuku are plentiful on the fishing-grounds in the Hauraki Gulf and on the outside grounds.

The Hauraki Gulf and Great Barrier oyster-beds are in first-rate condition, and are being extended every year by the replanting areas which were depleted some years ago under the old system of licensed picking. Last picking season a total of 4,042 sacks were taken off these beds. Of these, 2,049 were taken from Waiheke Island, 791 from Mahurangi, 750 from Maeritai, 350 from Rangitoto, and 102 from Tiritiri Island.

I made an inspection of the beds in Hauraki Gulf some time after the closing of the picking season, and I found that the beds had been left in a very satisfactory condition, and would all yield a good supply for the next season.

The supply of first-class oysters available last season considerably exceeded the demand, for at the close of the season there was a considerable extent of the best beds in the Hauraki Gulf and Bay of Islands which had not been touched and from which about 5,000 sacks could have been taken if required. This must be considered very satisfactory indeed, and proof that the Department's system of picking and protection has been a complete success. This opinion is endorsed by Professor Prince in his report. In speaking about our rock-oyster beds and system of picking he says, "I had every reason when visiting the northern oyster-beds to conclude that the system of Government supervision carried out in the Hauraki Gulf and Bay of Islands has been the best possible. It has saved these beds from destruction, otherwise they would by this time have probably been entirely cleaned out. Two main objects have thus been accomplished—namely, the beds have not only been preserved, but rendered far more productive; and, secondly, the public have been able to obtain ample supplies at a reasonable rate."

The beds which were replanted on the Coromandel coast and islands in the Thames Gulf are improving very satisfactorily. Young oysters are showing up along the foreshore wherever "plants" of brood oysters were made. This season some more replanting was done on several of the islands. Valuable work in extending the beds was also done on Pakihi Island and in Port Fitzroy Harbour, Great Barrier, by removing high-water rock down to the oyster-line and filling in bare spaces between oyster-beds in the bays.

Thames.—The Inspector reports that fish have been plentiful on the Thames fishing-grounds during the year, and good catches have been made. There are forty launches and about ninety men employed catching fish. There are three fish-freezing works and cleaning and packing sheds. Most of the fish

is sent by rail to inland towns in the Waikato and through the King-country, and at certain seasons as far south as Wellington.

Bay of Islands.—Inspector Stephenson reports that the principal market fish taken during the year were schnapper, mullet, flounders, garfish, kahawai, tarakihi, kingfish, and crayfish, all of which were on the whole found to be fairly plentiful; the catches being disposed of at Auckland and inland markets, and the prices obtained by fishermen is reported to have been satisfactory. There are two mullet-canneries in the district, one at Purerua and the other at Awanui. There were thirty-eight cases canned at the Purerua factory and 537 at Awanui, valued approximately at £1 per case. There are also sixteen smokehouses in all places smoking schnapper and mullet. These fish prepared in this way command a ready sale.

The number of fishing-boats registered at the Port of Russell for the year ended the 31st December, 1914, was sixty-seven, with crews totalling 161—viz., 103 Europeans and 58 Natives.

The whaling carried out by Messrs. Jagger and Cook on this coast has been considered fairly profitable, having captured fifty-seven whales for the season, which yielded 270 tons of oil and 60 tons bonedust, the value of the oil being £4,590, and £360 for the bonedust.

Oysters.—During last oyster season only a portion of both the middle and southern subdivisions were picked, giving an output of 4,278 sacks. The beds are looking very well indeed, oysters increasing and spreading in all directions.

Kaipara.—Captain Savident, Harbourmaster and Inspector of Fisheries, reports that fish are plentiful and the fishermen have had a successful season. Mullet, schnapper, flounders, trevalli, and gurnard are the principal fish taken. The following are approximately the quantities of fish caught for the year ended the 31st March: Mullet—Canned, 20,000 dozen; sold fresh, 35,000 dozen. Schnapper—Sold fresh, 8,000 dozen; smoked, 5,000 dozen. Flounders, sold fresh, 20,000 dozen. Trevalli, sold fresh, 1,000 dozen. Gurnard, sold fresh, 200 dozen.

Whitebait.—The following reports have been received with regard to the run of these fish in the principal whitebait rivers during the past year: Waikato River—The run has been better than the previous season. Ngaruroro and Tukituki (Hawke's Bay)—A fair run of whitebait, but on the whole rather below the average of other seasons. Buller River—Last whitebait season was good. Grey River—The run last season was rather poor. Hokitika River—A very fair season, rather above the average. Waimakariri, Styx, and Avon—The last whitebait season was a very good one. Some record catches were made in the Waimakariri and Styx.

Quinnat Salmon.—A succession of floods in the Hakataramea River during the month of May, 1914, interfered seriously with the collection of salmon-eggs. The nets were washed out several times, and most of the salmon escaped up-stream and spawned in reaches of the river in the gorge. The manager at Hakataramea reports a heavier run of fish than the previous season, but owing to the unfavourable river-conditions the number of eggs collected was less. On account of the large number of salmon which escaped up the Hakataramea during the floods the river was heavily stocked with the salmon-fry hatched from the natural spawning. In the late summer and autumn thousands of fine strong healthy fish were to be seen in every pool. The total number of eggs collected for the season was 234,000, which were disposed of as follows: 25,000 were supplied to the Tasmanian Government; 145,000 were sent to the West Coast for stocking the Hokitika River; 53,000 were hatched out at Hakataramea. The loss during the incubation and hatching of the eggs was 11,000. During the year 41,000 three-months-old fry, 19,254 yearling salmon, 680 two-years-old and 36 three-years-old fish were liberated from the stations. The number of salmon in the ponds on the 31st March was as follows: 19,929 ten-months-old fish, 598 one year and ten months old, 100 two years old, and 35 three years old.

During the angling season it was reported that salmon were caught with rod and line at the mouth of the Waitaki and Rangitata Rivers, and also that they were frequently taken with hook and line off Timaru and Oamaru by persons fishing for sea-fish.

The run of spawning salmon during the present season (1915) in the headwaters of some of the main tributaries of the Waitaki is undoubtedly the heaviest since the fish first commenced to run up from the sea. When recently in the Upper Waitaki district I was told by men who have lived for a number of years near the rivers and lakes in that region, and who are in the habit of observing the spawning every season, that there are more salmon and larger fish than any previous season. Mr. Macdonald, manager of Ben Ohau Station, said that for some years he had watched the salmon spawning in the Ohau River, and this year from its outflow from the lake to its junction with the Waitaki River (a distance of about eighteen miles) he had never seen so many fish.

When I arrived at Benmore Station after leaving the Ben Ohau Camp on the 18th, Mr. Sutherland (manager) told me his head shepherd and musterers had returned a few days before from the head of the lake and reported hundreds of large salmon spawning in the Dobson River, so I went on to the head of the lake the same afternoon to see for myself, and ascertain whether it would be possible to get any eggs. Mr. Fraser, the shepherd in charge there, provided me with a riding-horse and accompanied me to the Dobson the following morning. We examined the river from its junction with the Hopkins to where the camp joins it, a distance of about eight miles. The statement of the Benmore shepherds with regard to the fish I found to be practically correct. We saw a number of large fish in every pool—we counted as many as fifteen in one—and large spawning-beds every chain or so as far as we went. From the appearance of the fish, the number of spawning-beds, and the number of dead fish on the shingle beaches it was evident that the spawning was about finished for this season. We saw some very large fish: two spent dead fish measured 42 in. and 42½ in., and I estimate the average size of the fish we saw at from 20 lb. to 25 lb. I may say that I inspected the Dobson

at the end of the spawning season of 1911; then I saw from thirty to fifty fish and a number of spawning-beds. This season I estimate there are well on to ten times as many, and much larger fish.

Collection of Brown-trout Eggs.—The condition of the rivers last season was unusually favourable for netting spawning-trout, and there was no difficulty in collecting all the eggs required to supply acclimatization societies. As a matter of fact, two or three million eggs could have been collected if they were required. The total number of eggs collected was a little over a million. Of this number, 930,000 eyed and fry were supplied to acclimatization societies, and the balance of the fry hatched were liberated in the Hakataramea River.

I have, &c.,

The Secretary, Marine Department, Wellington.

L. F. AYSON,
Chief Inspector of Fisheries.

REPORT OF CURATOR, PORTOBELLO MARINE FISH-HATCHERY.

GENTLEMEN,—

Portobello, 7th June, 1915.

I have the honour to present this (the ninth) annual report of operations at the Marine Fish-hatchery during the year ended the 31st March, 1915.

Lobsters.—Of the new stock of lobsters, forty-one in number, which arrived in March, 1913, two deaths occurred during 1913, and one, a male, had died during the past year. Two deaths have also occurred amongst the survivors of the earlier shipments. As already reported, twelve, of which eight were egg-bearing females, have also been liberated in what is considered to be a suitable locality. This leaves the present stock of lobsters of both sexes in the ponds at forty-four. Eighteen females of the new shipment spawned during January and February, 1914. On examination as late as October these new-stock lobsters were found to have retained their eggs much better than those that have been confined to the ponds for a number of years, and most of them still retained their full broods.

As all the indoor tanks are now in use for the turbot, we were unable to make use of these for the hatching-out of the young lobsters. The adults were therefore allowed to hatch their broods in the large pond, as was done the previous year. The first larvæ appeared in the pond on the 15th December, 1914, and from this date until early in January vast numbers were to be seen at all depths in the large pond. Owing to the increased number of spawners, and to the fact that the adults were not handled, the past season has been a record one for the output of young lobsters, the number being estimated at ninety thousand. Many of the females have again spawned, and there is every probability of the coming season being an equally successful one.

Crabs.—As reported last year, nineteen of the adult crabs were liberated, and eight (four males and four females) were retained in the ponds; of these, two males died in January, 1914. The four remaining females produced full batches of eggs in the spring. On the 14th December the surface of the pond was seen to be teeming with crab larvæ. The four egg-bearing crabs were transferred to the hatching-boxes on the 16th December, and between this date and the 23rd December twelve million larvæ were hatched and liberated in various parts of the harbour, chiefly on the ebb tide. A constant lookout is being kept for the appearance of the young stages on the banks in the harbour and amongst the stomach-contents of all fishes examined.

Turbot.—None of the turbot died during 1913. Three have died during the past year. These three deaths occurred amongst the smallest of the stock, and in all cases were the ones that have shown the least growth or development. The cause of death was not apparent. The remaining stock are all in good condition. The largest now measure about 16 in. in length. Ling has again been used solely as food, and has proved most satisfactory. There are as yet no visible signs of the development of the ovaries, but there is every reason to hope that some of the larger ones will spawn during the coming season. Owing to the great increase in their size, further accommodation is being provided for them inside the hatchery, in the shape of a large concrete tank measuring 15 ft. by 5 ft. 6 in. wide.

Observations on Local Fish.—The exceptionally stormy weather experienced during the greater part of the summer interfered very considerably with this important branch of the station's functions. The launch is not sufficiently seaworthy to proceed any distance off the land excepting during the finest weather. No opportunity has, however, been lost of adding to our store of knowledge, and records of all observations have, as usual, been placed in tabulated form in a log kept for this purpose. These observations have now been carried on for a period of about ten years, and although, for various reasons, these notes are not so copious and extensive as one could desire, many valuable, interesting, and hitherto unknown facts relating to the life-history, &c., of many of our indigenous fishes have been brought to light. A report on these observations, with drawings, &c., is in course of preparation by the Chairman, Mr. G. M. Thomson, and myself.

The Board is again indebted to Mr. F. J. Sullivan in allowing me to accompany his trawlers for the purpose of securing the ova of any of the fishes taken in the trawl. From eggs collected by this means 88,000 young flounders and 322,000 young soles have been hatched and the fry liberated.

I have, &c.,

T. ANDERTON.

RETURN SHOWING PROCEEDINGS TAKEN FOR BREACHES OF THE FISHERIES ACT.

Name of Person.	Nature of Offence.	Fine.
L. Jenkinson	For illegally taking oysters	£5 and costs.
J. Lambert	For stalling	£1 and costs.
J. Cross	"	"
H. Wright	"	£2 and costs.
A. Anderson	"	£1 and costs.
H. J. Biggs	For illegally taking oysters	£2 and costs.
D. Cincolla	For having nets with undersized mesh in possession	£1 and costs.
A. Tomlinson	Ditto	"
G. Dixon	"	"
C. Ormes	"	"
G. Foster	"	"
W. Martin	"	"
V. Picone	"	"
A. Gordon	"	"
T. H. Blake	For illegally taking oysters	£3 and costs.
T. Bridger	"	"
K. Ramsay	"	"
W. Carter	"	"
J. Bark	"	£4 and costs.
J. Rabbidge	"	£2 and costs.
G. Field	"	"
T. Kernot	"	£5 and costs.
E. Patrick	"	£4 and costs.
M. McElroy	"	£1 and costs.

RETURN SHOWING NUMBER OF FISHING-BOATS REGISTERED AND LICENSED AT EACH PORT DURING THE YEAR ENDED 31ST DECEMBER, 1914.

Port.	Number registered.	Number licensed.	Port.	Number registered.	Number licensed.
Auckland	389	389	Brought forward	1,123	1,070
Blenheim	10	6	New Plymouth	20	20
Bluff	81	81	Oamaru	34	28
Dunedin and Port Chalmers	91	91	Pictou	32	32
Greymouth	9	9	Poverty Bay	29	28
Hokianga	15	15	Russell	67	67
Invercargill	42	42	Tauranga	46	32
Kaipara	90	42	Thames	57	57
Lyttelton	261	261	Timaru	26	26
Napier	51	51	Wanganui	13	13
Nelson	84	83	Wellington	105	70
			Westport	16	16
Carried forward	1,123	1,070	Totals	1,568	1,459

RETURN SHOWING THE TOTAL ORDINARY EXPENDITURE OF THE MARINE AND INSPECTION OF MACHINERY DEPARTMENT DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Nature of Expenditure.	Details.	Totals.	Grand Totals.
Head Office : Salaries of staff	£ s. d.	£ s. d.	£ s. d.
Harbours :—		4,538 11 1	
Greymouth,—			
Salary of Engineer*		440 0 0	
Hokianga,—			
Salaries of Harbour staff	560 16 8		
Removal of snags	16 0 0		
Stores and contingencies	130 11 3	707 7 11	
Kaipara,—			
Salaries of staff	749 10 0		
Repairing beacon, Helensville Creek	215 4 2		
Repairing launch	26 11 10		
Fascines for sand protection	30 0 0		
Repairing and attending buoys	39 1 9		
Stores and contingencies	190 2 8	1,250 10 5	

* Refunded by Greymouth Harbour Board.

RETURN SHOWING THE TOTAL ORDINARY EXPENDITURE OF THE MARINE AND INSPECTION OF
MACHINERY DEPARTMENT, ETC.—*continued.*

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Harbours—<i>continued.</i>			
Wellington,—			
Salary of storeman	..	220 0 0	
Pictou,—			
Salary	300 0 0		
Stores and contingencies	38 14 4		
Ngunguru,—		338 14 4	
Salary	..	15 0 0	
Whangaparapara,—			
Salary	26 0 0		
Stores and contingencies	4 1 9		
Napier,—		30 1 9	
Salary	20 0 0		
Gas and contingencies	15 10 6		
Marakopa,—		35 10 6	
Salary	..	10 0 0	
Tongaporutu,—			
Salary	25 0 0		
Stores and contingencies	14 0 2		
Mokau,—		39 0 2	
Salary	..	50 0 0	
Awakino,—			
Salary	..	20 0 0	
Nelson,—			
Salaries of signalmen	..	23 6 8	
Waitapu,—			
Salary	25 0 0		
Stores and contingencies	4 6 0		
Puponga,—		29 6 0	
Stores and contingencies	..	14 0 0	
Collingwood,—			
Salary	60 0 0		
Stores and contingencies	25 2 10		
Karamea,—		85 2 10	
Salary	145 0 0		
Clearing and fencing site for house	27 8 0		
Repairs and additions to cottage	54 18 5		
Removing snags and shifting beacons	69 18 2		
Stores and contingencies	66 0 5		
Little Wanganui,—		363 5 0	
Signalling vessels	11 0 0		
Removal of snags and erection of beacons	50 10 3		
Stores and contingencies	18 17 4		
Hokitika,—		80 7 7	
Salary	20 0 0		
Gas and contingencies	12 19 9		
Okarito,—		32 19 9	
Signalling vessels	74 0 0		
Cutting channel through bar	22 0 0		
Stores and contingencies	25 7 11		
Okuru,—		121 7 11	
Salary	..	60 0 0	
Waikawa,—			
Salary	..	10 0 0	
Anglem Point,—			
Salary	25 0 0		
Stores and contingencies	6 2 0		
Supervision of beaches, Hauraki Gulf	..	31 2 0	
General contingencies	..	27 3 3	
Buoy-chain	..	27 18 4	
		95 11 1	
Lighthouses* :—			
Salaries	10,844 6 7		
Oil, stores, and contingencies	6,225 10 8		
Keepers' travelling-expenses	301 16 9		
Salary of Lighthouse Expert	280 0 0		
		17,651 14 0	
Meteorological Office :—			
Salaries	1,366 0 0		
Cleaning offices	26 0 0		
Inspection of stations	61 10 4		
Postage and telegrams, and rent of boxes	1,317 3 5		
Printing and stationery	76 13 0		
Purchase and repair of instruments	399 8 6		
Rent, office equipment, &c.	146 19 3		
Telephones	48 3 10		
Weather messages by wireless	50 0 0		
Contingencies	27 0 0		
		3,518 18 4	

* Represents total expenditure for year. Actual cost of maintenance is given in a separate return.

RETURN SHOWING THE TOTAL ORDINARY EXPENDITURE OF THE MARINE AND INSPECTION OF MACHINERY DEPARTMENT, ETC.—*continued.*

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Mercantile Marine Offices :—			
Salaries	4,746 17 10		
Cleaning offices	67 13 9		
Office equipment and rent	228 10 10		
Telephones	119 8 0		
Travelling allowances and expenses	76 15 6		
Contingencies	3 13 6	5,242 19 5	
Protection of fish and oysters :—			
Salaries	1,434 2 4		
Benzene, oil, stores, &c.	112 9 3		
Bonuses and gratuities to officers	25 0 0		
Casual labour	151 10 0		
Collection and distribution of brown-trout ova	109 7 4		
Fresh-water aquarium, Auckland Exhibition	309 18 11		
Hakataramea Salmon-hatchery	73 18 10		
Grant for maintenance of fish-hatchery at Portobello	430 0 0		
Picking and sale of oysters	4,305 5 2		
Planting oysters in Hauraki Gulf	87 12 2		
Stocking a Westland river with salmon	150 11 0		
Travelling allowances and expenses	195 3 7		
Contingencies	104 11 6	7,489 10 1	
Inspection of Machinery and Survey of Ships :—			
Salaries	9,614 6 11		
Advertising, books, and periodicals	25 3 6		
Collection of inspection fees	150 0 0		
Rent, cleaning offices, fuel, and light	130 8 11		
Telephones	96 17 10		
Travelling allowances and expenses	2,902 18 4		
Contingencies	12 18 6	12,932 14 0	
		55,532 2 5	
		809 0 0	
Less miscellaneous credits			54,723 2 5
Government steamers :—			
S.s. "Hinemoa"	10,419 7 2		
Training-ship "Amokura"	7,824 14 9	18,244 1 11	
		443 13 4	
Less amount received for freights, passages, &c.			17,800 8 7
Miscellaneous services :—			
Acquiring land for Beach Reserve, Hauraki Gulf	253 5 0		
Administration of Shipping and Seamen Act, and inquiries into shipping casualties	297 7 5		
Aquarium, Newtown Park, Wellington	285 7 9		
Auckland Inland Waterways Commission	461 4 5		
Jackson's Head Beacon	52 19 10		
Cartage and freight	136 7 10		
Charts, books, and periodicals	232 11 5		
Checking overcrowding of excursion steamers	488 15 8		
Compassionate allowance to widow of late John McVeigh, lightkeeper	250 0 0		
Compassionate allowance to John Driscoll	50 0 0		
Contribution towards New Zealand sailors' room, England	17 17 0		
Expenses in connection with the visit of Professor Prince to report on New Zealand fisheries	1,304 17 11		
Extra clerical assistance	71 3 4		
Fog-signals, cartridges, and maintenance	164 18 10		
Gas and fuel for offices	20 12 3		
Grants,—			
For fishermen's boat-slip, Kaikoura	56 0 0		
For erection of wharf at Batley, Kaipara	531 3 8		
For repairs to Karitane Jetty	41 18 0		
For repairs to Matakohu Wharf	225 0 0		
For repairs to Waitara Wharf	225 0 0		
For repairs to Whakapirau Wharf	81 17 8		
For clearing out canal at Titiri	15 0 0		
For repairing Miranda Wharf and Bridge	70 17 10		
Grant to H. W. N. Millais, for special work	100 0 0		
Grant to R. Pitcaithley, for losses in connection with Wellington Dock	200 0 0		
Legal expenses	78 8 8		
Legal and other expenses of Mr. W. T. Jennings, on action to remove him from Waitara Harbour Board	18 17 6		
Morse signals at lighthouses	9 9 0		
New Zealand Nautical Almanac	425 16 3		
Office equipment	107 15 9		
Payment to diver for examining wreck of s.s. "Kairaki"	107 15 8		
Postage, telegrams, and rent of boxes	910 19 1		

RETURN SHOWING THE TOTAL ORDINARY EXPENDITURE OF THE MARINE AND INSPECTION OF
MACHINERY DEPARTMENT, ETC.—*continued.*

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Miscellaneous services— <i>continued.</i>			
Preparation of tide-tables	687 10 0		
Printing and stationery	722 4 6		
Prosecutions under Shipping, Harbours, and Fisheries Acts	82 16 8		
Relief of distressed seamen	11 10 8		
Relief of distressed New Zealand seamen and others in the United Kingdom	72 1 6		
Renewal of cable to East Cape Lighthouse	750 0 0		
Rent and expenses connected with examinations	176 3 5		
Repairs to boat-slip, Port Moeraki	40 0 0		
Repairing and extending wharf, Karamea	122 0 0		
Refund of redemption fee to owner of yacht "Rawene"	50 0 0		
Rewards to officers for special services	1 10 0		
Subsidy of £1 for £1 for repairs to Tairua Wharf	112 10 0		
Subsidy of £1 for £1 for repairs to Howick Wharf	149 19 0		
Telephones	114 10 10		
Travelling allowances and expenses	48 8 0		
Contingencies	81 11 7		
		10,516 3 11	
Less credits		639 9 0	
			9,876 14 11
Grand total			82,400 5 11

RETURN SHOWING TOTAL COST OF MAINTENANCE OF THE NEW ZEALAND COASTAL LIGHTHOUSES
DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1915.

Name of Lighthouse.	Salaries.	Oil consumed.		Stores and Contingencies.	Totals.
	£ s. d.	Gallons.	Value. £ s. d.	£ s. d.	£ s. d.
Cape Maria Van Diemen	393 10 10	720†	30 0 0	(a)219 11 4	643 2 2
Cape Brett	398 16 9	706†	29 8 4	161 2 9	589 7 10
Mokohinou	378 16 6	854*	71 3 4	(b)176 13 6	626 13 4
Tiritiri	303 15 0	569*	47 9 2	136 2 9	487 6 11
Ponui Passage	109 10 1	80*	6 13 4	49 4 6	165 7 11
Cuvier Island	345 11 0	684†	28 10 0	121 1 11	495 2 11
East Cape	361 1 2	920*	76 13 4	125 14 11	563 9 5
Portland Island	394 11 4	786*	65 10 0	73 11 0	533 12 4
Napier Bluff	20 0 0	Gas	14 10 6	1 0 0	35 10 6
Castlepoint	415 16 8	697†	29 0 10	76 18 8	521 16 2
Cape Palliser	290 4 0	584†	24 6 6	87 13 8	402 4 2
Pencarrow Head	317 10 0	681†	28 7 6	41 6 1	387 3 7
Somes Island	247 12 0	665*	55 9 2	(c)137 4 11	440 6 1
Cape Egmont	320 0 0	681†	28 7 6	95 10 8	443 18 2
Manukau South Head	281 14 2	748*	62 9 2	89 5 3	433 8 7
Manukau South Head leading lights		159*	13 5 0	3 5 1	16 10 1
Kaipara Head	283 15 0	528*	44 0 0	(d)212 1 10	539 16 10
Brothers	521 19 6	748†	30 3 4	106 7 9	658 10 7
Tory Channel leading lights	100 0 0	182*	15 3 4	1 15 2	116 18 6
Cape Campbell	216 12 7	621†	25 17 6	(e)215 8 1	457 18 2
Godley Head	278 17 2	567*	47 5 0	95 18 2	422 0 4
Akaroa Head	273 16 8	582*	48 10 0	(f)204 4 7	526 11 3
Jack's Point	170 0 0	318†	13 5 0	35 17 7	219 2 7
Moeraki	299 3 4	568*	47 6 8	109 11 4	456 1 4
Taiaroa Head	291 16 7	546*	45 10 0	(g)149 1 10	486 8 5
Cape Saunders	261 9 2	630†	26 5 0	(h)141 6 6	429 0 8
Nugget Point	356 17 6	717†	29 17 6	(j)196 17 2	583 12 2
Waipapapa Point	280 16 8	750†	30 5 0	91 14 4	402 16 0
Dog Island	396 1 8	739*	61 11 8	(k)318 4 10	775 18 2
Centre Island	405 5 11	561†	24 4 2	132 17 4	562 7 5
Puysegur Point	370 9 2	702†	29 5 0	166 7 4	566 1 6
Cape Foulwind	277 0 1	610*	50 16 8	99 5 6	427 2 3
Hokitika	20 0 0	Gas	12 15 0	0 4 9	32 19 9
Kahurangi Point	391 10 5	1,001*	83 9 2	(l)148 17 4	623 16 11
Farewell Spit	387 18 0	656†	27 6 8	168 19 10	584 4 6
Nelson	301 18 1	199*	16 11 8	27 19 8	346 9 5
French Pass	180 0 0	177*	14 15 0	41 1 7	235 16 7
Stephens Island	388 11 8	687†	28 12 6	(m)200 19 4	618 3 6
Totals	11,032 8 8	21,623	1,363 19 6	4,460 8 10	16,856 17 0

* Paraffin oil.

† Kerosene oil.

(a) Includes £97 5s. 7d. for new winches and hauling-wire. (b) Includes £43 12s. 9d. for repairs. (c) Includes £108 18s., extra wages on account of war and quarantine duties. (d) Includes £66 6s. 11d., cost of new outhouses. (e) Includes £49 11s. 7d., cost of clearing rabbits off reserve. (f) Includes £66 6s. 6d., cost of new apparatus. (g) Includes £23 5s., cost of new cart. (h) Includes £23 5s., cost of new cart. (i) Includes £31 8s. 6d., cost of repairs. (k) Includes £160 6s. 6d., cost of repairs and additions. (l) Includes £37 10s., cost of packing stores. (m) Includes £30 9s. 9d., cost of repairs.

RETURN SHOWING THE COST OF ERECTION OF THE NEW ZEALAND COASTAL LIGHTHOUSES.

Name of Lighthouse.	Cost of Erection.
	£ s. d.
Pencarrow Head	6,422 0 4
Nelson	2,824 8 9
Tiritiri	5,747 7 2
Mana Island*	5,513 0 1
Taiaroa Head	4,923 14 11
Godley Head	4,705 16 4
Dog Island	10,480 12 8
Farewell Spit	6,139 11 8
Nugget Point	6,597 3 7
Cape Campbell	5,619 2 6
Manukau Head	4,975 2 4
Cape Foulwind	6,955 9 1
Brothers	6,241 0 0
Portland Island	6,554 14 5
Moeraki	4,288 13 2
Centre Island	5,785 19 0
Puysegur Point	9,958 19 5
Cape Maria van Diemen	7,028 14 8
Akaroa Head	7,150 6 5
Cape Saunders	6,066 6 3
Cape Egmont†	3,353 17 11
Mokohinou	8,186 5 0
Waipapapa Point	5,969 18 11
Ponui Passage‡ .. .. .	.. .. .
Kaipara Head	5,571 8 0
French Pass	1,427 17 5
Cuvier Island	7,406 16 11
Stephens Island	9,349 9 11
Cape Palliser	6,243 16 1
East Cape	7,594 8 8
Kahurangi Point	9,528 1 1
Jack's Point	1,204 10 9
Cape Brett	11,237 3 5
Castle Point	9,703 16 10
Chicken Island	1,149 3 4
Channel Islet	1,227 7 8
Karori Rock (building)	3,537 14 1
Cost of telegraph-cable to Tiritiri	1,085 19 6
Miscellaneous and unallocated	1,322 2 2
Total	£219,078 0 5

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

RETURN SHOWING THE FEES, ETC., RECEIVED UNDER THE SHIPPING AND SEAMEN ACTS, THE MERCHANT SHIPPING ACT, THE HARBOURS ACTS, THE FISHERIES ACTS, THE INSPECTION OF MACHINERY ACTS, AND THE TRAMWAYS ACTS, DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1915.

Nature of Receipts.	Amount.
	£ s. d.
Shipping and Seamen Acts:—	
Fees for engagement and discharge of seamen, and sale of forms	3,276 12 2
Surveys of steamers and sailing-vessels	2,684 5 0
Measurement of ships	27 11 0
Examination of masters, mates, and engineers	341 0 0
Light dues	39,216 10 4
Sundry receipts	821 15 0
Merchant Shipping Act	538 14 3
Harbours Acts:—	
Pilotage, port charges, &c.	1,561 16 1
Foreshore rents, and sundry receipts	1,141 15 10
Fisheries Acts:—	
Sale of oysters	5,752 6 6
Sundry receipts	438 17 6
Inspection of Machinery Acts:—	
Inspection of boilers and machinery	12,313 12 6
Examination of engine-drivers	568 10 0
Tramways Acts:—	
Examination of electric-tram drivers	83 0 0
Total	£68,766 6 2

RETURN SHOWING THE AMOUNT OF LIGHT DUES COLLECTED DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1915.

Port.	Amount collected.
	£ s. d.
Auckland	14,228 0 10
Onehunga	116 19 3
Whangarei	253 12 7
Russell	68 11 6
Mangonui	0 13 9
Whangaroa	14 0 2
Hokianga	22 11 8
Whitianga	20 4 8
Whangape	0 8 6
Kaipara	81 11 0
Whangaparapara	7 15 2
Thames	73 9 5
Coromandel	12 13 7
Tauranga	55 17 1
Poverty Bay	750 10 8
Napier	1,098 0 5
New Plymouth	419 3 10
Waitara	135 8 9
Patea	18 0 6
Wanganui	299 19 11
Wellington	10,577 13 0
Wairau	16 6 7
Havelock	0 6 3
Picton	416 5 0
Nelson	425 12 2
Westport	932 16 9
Greymouth	368 9 10
Hokitika .. .. .	.. .. .
Lyttelton	3,396 7 5
Timaru	829 13 6
Oamaru	207 0 6
Dunedin	2,277 12 2
Bluff and Invercargill	2,090 13 11
Total	£39,216 10 4

RETURN SHOWING THE AMOUNT OF PILOTAGE, PORT CHARGES, ETC., COLLECTED DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1915.

Name of Port.	Pilotage.	Port Charges, &c.	Total.
	£ s. d.	£ s. d.	£ s. d.
Auckland* & Onehunga*	9,688 16 8	7,488 3 1	17,126 19 9
Hokianga .. .. .	.. .. .	704 17 8	1,210 12 11
Kaipara	505 15 3	197 12 4	212 6 8
Thames*	14 14 4	4,013 10 9	4,372 3 0
Gisborne*	358 12 3	191 15 8	519 2 2
Wairoa*	327 6 6	7,422 1 6	8,493 3 5
Napier*	1,071 1 11	382 10 9	850 12 8
N. Plymouth*	382 10 9	187 9 3	307 11 6
Waitara*	120 8 3	124 10 3	985 7 8
Wanganui*	860 17 5	72 9 2	86 19 11
Patea*	72 9 2	357 17 3	357 17 3
Foxton*	357 17 3	1,019 2 1	20,600 12 10
Wellington*	1,019 2 1	229 18 3	289 10 2
Picton	59 11 11	.. .. .	567 8 4
Wairau*	567 8 4	2,919 11 0	4,011 8 6
Nelson*	2,919 11 0	720 19 7	720 19 7
Westport*	720 19 7	89 1 0	89 1 0
Karamea	89 1 0	133 9 6	33 9 6
Hokitika* .. .. .	.. .. .	7,104 18 10	19,772 0 4
Lyttelton*	12,667 1 6	3,475 12 8	6,848 13 8
Timaru*	3,373 1 0	2,428 4 11	2,428 4 11
Oamaru* .. .. .	.. .. .	8,759 9 8	18,963 11 7
Dunedin*	10,204 1 11	2,366 6 2	6,387 12 1
Bluff*	4,021 5 11	13 3 6	13 3 6
New River* .. .. .	.. .. .	133 3 2	133 3 2
Tauranga* .. .. .	.. .. .	.. .. .	.. .. .
Totals	49,401 14 0	65,990 2 1	115,391 16 1

* Harbour Board revenue. † Tonnage dues.

**RETURN SHOWING THE NUMBER OF SEAMEN ENGAGED AND DISCHARGED IN THE FOREIGN AND INTERCOLONIAL TRADE, THE HOME TRADE, AND WITHIN RESTRICTED LIMITS
RESPECTIVELY, TOGETHER WITH THE AMOUNT OF FEES RECEIVED FOR THE SAME, DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.**

Port.	Engagements and Discharges in Foreign and Intercolonial Trade.				Engagements and Discharges in Home Trade.				Engagements and Discharges in Restricted Limits.				Total Engagements.		Total Discharges.		Grand Totals.	
	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	£ s. d.	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	£ s. d.	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	£ s. d.	Number of Seamen.	£ s. d.	Number of Seamen.	£ s. d.	Number of Seamen.	£ s. d.
Auckland	2,154	158 3 0	2,272	170 14 0	3,117	193 2 6	3,055	197 12 6	384	22 12 6	391	23 8 0	5,655	373 18 0	5,718	391 14 6	11,373	765 12 6
Dunedin and Port Chalmers	1,806	109 0 0	1,581	119 7 6	1,275	87 2 6	1,555	111 11 6	..	..	..	..	3,081	196 2 6	3,136	230 19 0	6,217	427 1 6
Greymouth	56	4 4 0	47	3 10 6	178	12 14 6	120	8 7 6	..	..	..	..	234	16 18 6	167	11 18 0	401	28 16 6
Hokitanga	4	0 6 0	3	0 4 6	13	0 19 6	15	0 19 0	..	..	..	..	17	1 5 6	18	1 3 6	35	2 9 0
Hokitika	..	..	..	..	3	0 4 6	2	0 3 0	..	..	..	..	3	0 4 6	2	0 3 0	5	0 7 6
Invercargill	57	4 5 6	31	2 6 6	27	1 17 6	15	0 19 6	..	..	..	..	84	6 3 0	46	3 6 0	130	9 9 0
Kaipara	80	6 0 0	76	5 14 0	15	0 19 0	14	0 17 6	..	..	..	..	95	6 19 0	90	6 11 6	185	13 10 6
Lyttelton	610	46 9 6	615	46 3 6	1,286	96 16 0	1,269	91 18 0	..	..	..	..	1,896	143 5 6	1,884	138 1 6	3,780	281 7 0
Napier..	13	0 19 6	13	0 19 6	402	20 16 6	418	21 13 6	68	5 2 0	69	5 2 0	483	26 18 0	500	27 15 0	983	54 13 0
Nelson..	2	0 3 0	..	..	304	20 16 6	355	18 10 6	139	8 11 0	141	8 14 0	445	29 10 6	496	27 4 6	941	56 15 0
New Plymouth	..	..	..	..	27	1 8 6	27	1 8 6	..	..	..	..	27	1 8 6	28	1 10 0	55	2 18 6
Oamaru	8	0 12 0	6	0 9 0	14	1 1 0	12	0 18 0	..	..	..	..	22	1 13 0	18	1 7 0	40	3 0 0
Onehunga	..	..	..	..	482	31 0 0	477	30 17 0	..	..	..	..	482	31 0 0	477	30 17 0	959	61 17 0
Patea ..	..	..	..	..	67	3 14 0	40	1 5 6	..	..	..	..	67	3 14 0	40	1 5 6	107	4 19 6
Pictou ..	8	0 12 0	6	0 9 0	10	0 15 0	5	0 7 6	..	..	..	..	18	1 7 0	11	0 16 6	29	2 3 6
Povey Bay	8	0 12 0	..	..	73	4 15 0	83	5 4 6	..	..	..	..	81	5 7 0	83	5 4 6	164	10 11 6
Russell	3	0 4 6	3	0 4 6	..	..	..	..	..	..	..	..	3	0 4 6	3	0 4 6	6	0 9 0
Tauranga	..	..	..	..	1	0 1 6	2	0 3 0	..	..	..	..	1	0 1 6	2	0 3 0	3	0 4 6
Thames	1	0 1 6	1	0 1 6	5	0 7 6	2	0 3 0	..	..	..	..	6	0 9 0	3	0 4 6	9	0 13 6
Timaru	37	2 15 6	24	1 16 0	48	3 12 0	24	1 16 0	..	..	..	..	85	6 7 6	48	3 12 0	133	9 19 6
Waitara	..	..	..	..	19	0 16 0	20	0 14 6	..	..	..	..	19	0 16 0	20	0 14 6	39	1 10 6
Waitara	4	0 6 0	1	0 1 6	36	1 8 6	33	1 4 0	..	..	..	..	40	1 14 6	34	1 5 6	74	3 0 0
Wanganui	14	1 1 0	9	0 13 6	91	6 16 6	79	5 18 6	..	..	..	..	105	7 17 6	88	6 12 0	193	14 9 6
Wellington	3,446	165 9 0	2,910	178 11 0	4,186	276 12 0	4,325	287 6 0	..	..	..	..	7,632	442 1 0	7,235	465 17 0	14,867	907 18 0
Westport	229	17 3 6	202	15 3 0	111	7 17 0	95	6 2 0	..	..	..	..	340	25 0 6	297	21 5 0	637	46 5 6
Whangarei	10	0 15 0	2	0 3 0	11	0 10 6	11	0 9 0	..	..	..	..	21	1 5 6	13	0 12 0	34	1 17 6
Whangaparapara	1	0 1 6	1	0 1 6	..	..	..	..	..	..	..	..	1	0 1 6	1	0 1 6	2	0 3 0
Totals ..	8,551	519 4 0	7,804	546 15 0	181,801	776 6 0	12,053	796 9 6	591	36 5 6	601	37 4 0	20,943	1,331 13 6	20,458	1,380 8 6	41,401	2,712 2 0

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1915.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
John Jonathan Elven	Extra master	Foreign trade	14 Oct., 1914	1037
Victor George Carl Parker	Master .. .. .	.. .. .	8 April,	1222
Alexander Cook	Master, steam .. .. .	.. .. .	28	1224
John Stewart	Master .. .. .	.. .. .	13 July,	1140
Gordon Archibald Grey			4 Aug.,	1139
George Andrew Drummond			14 July,	1230
Frederick Albert Clayton Hoslop			12 Jan., 1915	1237
Ross Clark			23 Feb.,	1119
Thomas Clarkson Sawyer	.. steam .. .. .	.. .. .	10 Nov., 1914	1165
Ernest Fear			10 Dec.,	1235A
Cyril Brears Atkinson			15	1236
Alexander Pyper			15	1157
David Washington Nicholas	First mate, steam .. .. .	.. .. .	28 April,	1223
John Watson			27 Aug.,	1189
Henry Alexander Anderson			14 Oct.,	1234
Alfred Frederick Inman			23	1194
William Hutcheon Watt			23	1235
Everard John McClellan			23	1182
Norman Berthold Wily Haszard			18 Nov.,	1177
Reginald Henry Baigent			25	1176
Andrew Granville Manners Christie			8 Dec.,	1180
Mariner Tucker Holm	Second mate .. .. .	.. .. .	8 June,	1225
Kenneth Laverton	.. steam .. .. .	.. .. .	8	1226
Edward MacMillan			3 July,	1227
Frederick William Banks			3	1228
William Russell Woebling			13	1229
Edward Henry	.. steam .. .. .	.. .. .	29	1231
George Arthur Atwood			22 Sept.,	1232
Walter Harrington			6 Oct.,	1233
John Douglas Gibbon Chayter	.. steam .. .. .	.. .. .	10 Dec.,	1234A
Francis Feary Gibson			23 Feb., 1915	1238
George William Heatley	Master	Home trade	15 May, 1914	5645
Robert Everett Price			13 July,	5750
Frederick Alfred Brock			11 Sept.,	5725
Johan Alfred Norling			22	5704
John Maylen			6 Oct.,	5749
Johannes Sandvick			8 Dec.,	5710
Thomas Oscar Stephens			12 Jan., 1915	5693
John Leafberg			12	5759
Julius Christoffersen			24 Mar.,	5790
William Hardie Stevens			24	5734
Henry Scollay Groat	Mate .. .. .	.. .. .	1 June, 1914	5774
Henry John Bourke			1	5775
Cecil Sharpe			1	5776
Emery Jackson			15	5777
John Sidney Hall			3 July,	5778
Ernest Herbert Cathcart			3	5779
Charles Frederick Olsen			4 Aug.,	5780
William Farquhar Cowie Wilson			25	5781
Harald Birkeland			6 Oct.,	5782
John Llewelyn Fisher			23	5783
Leslie Gordon Liley			10 Nov.,	5784
William Mead			10	5785
John James Cottier			18	5786
Arthur William Humphreys			8 Dec.,	5787
Arthur Thomas Day			15	5788
John Duncan McDonald			19 Mar., 1915	5789
William Fowler Christie	Master	River steamer	28 April, 1914	3668
William James George Poole			1 June,	3669
Vivian Frederick McLeod			1	3670
James Edward Douglas			1	3671
Ernest Radford Hodgkinson			3 July,	3672
Henry Bayne			29	3673
William Creighton			25 Aug.,	3674
James John Smith			25	3675
William Edward Wade			6 Oct.,	3676
James Warburton			6	3677
Waru Rapana			23	3678
Cecil Osborne Windsor			18 Nov.,	3679
John Smith			8 Dec.,	3680
Carl Adolf Anderson			12 Jan., 1915	3681
William Henry Jenkins			26	3682
George Edgar Henderson Garden			25 Feb.,	3683
John Duncan McDonald			5 Mar.,	3684
Joseph Smyth			23	3685
James Robertson Kennedy		Fishing - boat or cargo-vessel under 25 tons register	3 July, 1914	67
William Herbert Stephens		Ditto	14 Oct.,	68
Robert Graham	1st-class Engineer	Foreign trade	5 May,	1145
Francis Onslow Morath			19	1245
Fritz Falavai Kronfeld			19	1330

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1915—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
James Oswald Penman	1st-class engineer ..	Foreign trade ..	19 May, 1914 ..	1165
Charles Ernest Dunn	" ..	" ..	19 " " ..	1717
Andrew Smart Young	" ..	" ..	7 July, " ..	888
Edward Charles Roi Young	" ..	" ..	14 " " ..	1267
William Byers Stanley Sealy	" ..	" ..	5 Aug., " ..	1418
James John Jack	" ..	" ..	5 " " ..	531
John Moffat	" ..	" ..	22 Sept., " ..	1735
John Watson Thomson	" ..	" ..	22 " " ..	1736
John Robert Loraine	" ..	" ..	22 " " ..	1737
William Patrick Kiely	" ..	" ..	22 Oct., " ..	1003
Arthur George Rogerson	" ..	" ..	5 Nov., " ..	1398
Cecil Roy McLean Baird	" ..	" ..	10 " " ..	1177
Gilbert Stuart Mitchell	" ..	" ..	10 " " ..	880
Hector Charles Hamlin	" ..	" ..	10 " " ..	1379
Stannus Reuben Bach	" ..	" ..	10 " " ..	1752
Benjamin Dennitts Smith	" ..	" ..	8 Dec., " ..	1160
Alexander Tough	" ..	" ..	8 " " ..	1765
Frank Bernard Williams	" ..	" ..	15 " " ..	1390
Leigh Easton Baxter	" ..	" ..	12 Jan., 1915 ..	1381
Herman Nielsen	" ..	" ..	12 " " ..	521
John Jack Wildridge	" ..	" ..	12 " " ..	1767
Percy Robert Hunter	" ..	" ..	18 Feb., " ..	947
William Anderson Schumann	2nd-class engineer ..	" ..	5 May, 1914 ..	1454
Vincent Maplesden	" ..	" ..	5 " " ..	1522
Thomas Ralph Noble	" ..	" ..	19 " " ..	1493
William John Ormiston	" ..	" ..	19 " " ..	1467
Harry Granger	" ..	" ..	19 " " ..	1436
Reginald Gordon Haughton	" ..	" ..	19 " " ..	1456
Ernest Williams	" ..	" ..	19 " " ..	1375
Duncan William Palmer	" ..	" ..	19 " " ..	1527
Leslie George Wilkinson	" ..	" ..	14 July, " ..	1575
Wilson Campbell	" ..	" ..	5 Aug., " ..	1515
Herbert John Allen Knewstubb	" ..	" ..	5 " " ..	1421
Gordon Louis Ansenne	" ..	" ..	22 Sept., " ..	1561
Augustus Wentworth Johnson	" ..	" ..	10 Nov., " ..	1464
Reginald James Mentiplay	" ..	" ..	18 " " ..	1301
David Finlayson MacDonald	" ..	" ..	18 " " ..	1552
John Stewart	" ..	" ..	18 " " ..	884
Norman Reginald Rawlings	" ..	" ..	18 " " ..	1457
Kenneth Alexander Gunn	" ..	" ..	8 Dec., " ..	1426
Malcolm Elliott McLeod	" ..	" ..	15 " " ..	1354
Francis Nelson Hesketh	" ..	" ..	12 Jan., 1915 ..	977
John Ross	" ..	" ..	12 " " ..	1586
Oscar Hugh Wright	" ..	" ..	12 " " ..	1524
Clement Cauty Richardson	" ..	" ..	12 " " ..	1509
Reginald Cleveland Jones	3rd-class engineer ..	" ..	7 April, 1914 ..	1692
John Edward Bish	" ..	" ..	7 " " ..	1693
Arthur Roland Johnson	" ..	" ..	27 " " ..	1694
James Edward O'Shea	" ..	" ..	5 May, " ..	1695
William Cunningham Ashe Williams	" ..	" ..	5 " " ..	1696
Gordon Lancelot Dungey	" ..	" ..	5 " " ..	1697
Joshua Crombie Mewhinney	" ..	" ..	5 " " ..	1698
Kenneth James Lindsay	" ..	" ..	5 " " ..	1699
James Alexander Cowan	" ..	" ..	19 " " ..	1700
Athol Ashley McDonald	" ..	" ..	19 " " ..	1701
Edward Albert Wenmouth	" ..	" ..	19 " " ..	1702
William Melbourne	" ..	" ..	19 " " ..	1703
Edward Napier Roberts	" ..	" ..	19 " " ..	1704
Wallace Marama McLeod	" ..	" ..	19 " " ..	1705
Waldemar Bruno Sanft	" ..	" ..	19 " " ..	1706
William Hunter Campbell	" ..	" ..	19 " " ..	1707
George Francis Smith	" ..	" ..	19 " " ..	1708
William Harold Fuller	" ..	" ..	19 " " ..	1709
William Earland	" ..	" ..	19 " " ..	1710
Charles Frederick Brewin	" ..	" ..	19 " " ..	1711
George Dallas McNeil	" ..	" ..	19 " " ..	1712
William John Wells	" ..	" ..	19 " " ..	1713
Douglas Lush	" ..	" ..	19 " " ..	1714
Henry Thomas Moody	" ..	" ..	19 " " ..	1715
George Henry Hunt	" ..	" ..	19 " " ..	1716
James Blackie	" ..	" ..	14 July, " ..	1718
Howard Faulkner	" ..	" ..	14 " " ..	1719
Frank Furneaux	" ..	" ..	14 " " ..	1720
Alexander Jack Archibald	" ..	" ..	14 Aug., " ..	1721
David Stevens McLaren	" ..	" ..	14 " " ..	1722
Leslie John Berkeley Pollard	" ..	" ..	14 " " ..	1723
Dugald MacDonald	" ..	" ..	14 " " ..	1724
Gordon William Fairweather	" ..	" ..	14 " " ..	1725
James Bode	" ..	" ..	14 " " ..	1726
Cyril Alexander Robinson Perkins	" ..	" ..	14 Aug., 1914 ..	1727
Henry Alfred Shacklock	" ..	" ..	14 " " ..	1728
Gerald Henry Straker	" ..	" ..	14 " " ..	1729

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1915—*continued*.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Alexander Stewart	3rd-class engineer ..	Foreign trade ..	14 Aug., 1914 ..	1730
Norman Roy Joseph Greenwood	" ..	" ..	14 " " ..	1731
William Thomas Robertson	" ..	" ..	14 " " ..	1732
Kenneth John MacLeod	" ..	" ..	25 " " ..	1733
Allan Chamberlain Murray	" ..	" ..	27 " " ..	1734
Hamilton St. George Pendock Tucker	" ..	" ..	22 Sept., " ..	1738
William Ellis Wiggins	" ..	" ..	22 " " ..	1739
Athol Trevor McGlashan	" ..	" ..	22 " " ..	1740
Robert Campbell Corbett	" ..	" ..	22 " " ..	1741
Stanley Nelson Going	" ..	" ..	22 " " ..	1742
Alfred Perez	" ..	" ..	22 " " ..	1743
Frederick George Thomas	" ..	" ..	22 " " ..	1744
Walter Dance	" ..	" ..	22 " " ..	1745
Frederick William Brown	" ..	" ..	22 " " ..	1746
Evan William Jesse Steer	" ..	" ..	22 " " ..	1747
Frederick Julius Von Tunzelmann	" ..	" ..	14 Oct., " ..	1748
Charles Geddes Williamson	" ..	" ..	10 Nov., " ..	1749
Thomas Churchill Peacock	" ..	" ..	10 " " ..	1750
James Milne	" ..	" ..	10 " " ..	1751
Kenneth Robertson	" ..	" ..	18 " " ..	1753
George Clement Wadsworth	" ..	" ..	18 " " ..	1754
James William McGill	" ..	" ..	18 " " ..	1755
James Muir Liddell	" ..	" ..	18 " " ..	1756
Louis Herbert Palfreyman	" ..	" ..	18 " " ..	1757
William Ullrich	" ..	" ..	18 " " ..	1758
Cyril Lionel Alphonsus Mitchell	" ..	" ..	18 " " ..	1759
Harold Percival Rhodes	" ..	" ..	18 " " ..	1760
Frank George Fowler	" ..	" ..	18 " " ..	1761
Alexander Edward Matthews	" ..	" ..	18 " " ..	1762
Campbell McVicar	" ..	" ..	18 " " ..	1763
Henry Rix-Trott	" ..	" ..	8 Dec., " ..	1764
John Pirie	" ..	" ..	15 " " ..	1766
James Kennedy	" ..	" ..	12 Jan., 1915 ..	1768
Robert Rutherford Douglas, jun.	" ..	" ..	26 " " ..	1769
Ralph Ashford Lush	" ..	" ..	26 " " ..	1770
James McIvor	" ..	" ..	26 " " ..	1771
Sydney Pearson Inman	" ..	" ..	25 Feb., " ..	1772
Charles Tennant	" ..	" ..	25 " " ..	1773
Charles Botting	" ..	" ..	25 " " ..	1774
Neil Gauld	" ..	" ..	25 " " ..	1775
Alexander McCulloch Ross	" ..	" ..	25 " " ..	1776
Douglas Harold MacLachlan	" ..	" ..	25 " " ..	1777
William Henry Hodgson	" ..	" ..	25 " " ..	1778
George Edward King	Engineer ..	River trade ..	7 April, 1914 ..	2219
Frank Stewart	" ..	" ..	19 May, " ..	2220
James George Olson	" ..	" ..	14 July, " ..	2221
Wilson McKie	" ..	" ..	14 " " ..	2222
George Alexander Nisbet	" ..	" ..	5 Aug., " ..	2223
Conway Braddell	" ..	" ..	14 " " ..	2224
Charles Whitford	" ..	" ..	22 Sept., " ..	2225
Samuel Manders Hill	" ..	" ..	18 Nov., " ..	2226
John McLintock, jun.	" ..	" ..	18 " " ..	2227
Edmund Hillman	" ..	" ..	26 Jan., 1915 ..	2228
Robert Thomas Bruce Mackie	" ..	" ..	26 " " ..	2229
John Solomon Taylor	" ..	" ..	19 Mar., " ..	2230
Richard Richmond Skewes	Marine-engine driver ..	" ..	19 May, 1914 ..	156
Edgar Blundell	1st-class oil engineer ..	Sea-going ..	19 " " ..	218
Oscar Camille Müller	" ..	" ..	19 " " ..	219
Charles Cuthbert Lucius Fagan	" ..	" ..	19 " " ..	155
Joseph Mathew Ryan	" ..	" ..	19 " " ..	220
Walter Malcolm Foot	" ..	" ..	14 July, " ..	222
Douglas Gordon Jack	" ..	" ..	5 Aug., " ..	223
John Thomas Knewstubb	" ..	" ..	27 " " ..	225
James Templar Mason	" ..	" ..	22 Sept., " ..	225A
Cyril Probyn Berridge	" ..	" ..	26 Jan., 1915 ..	157
Bruce McLeod Grant	2nd-class oil engineer ..	" ..	14 July, 1914 ..	221
William George Krause	" ..	" ..	14 Aug., " ..	224
Arthur Amical Lundberg	" ..	" ..	22 Sept., " ..	226
Trevor Russell McLeod	" ..	" ..	22 " " ..	227
Victor George Judd	" ..	" ..	22 " " ..	228
Alexander Bowie Farmer	" ..	" ..	14 Oct., " ..	229
Albert George Turvey	" ..	" ..	14 " " ..	230
Alfred Herbert Bond	" ..	" ..	18 Nov., " ..	231
James William Peterson Thomson	" ..	" ..	12 Jan., 1915 ..	232
Archibald Louis Ross	" ..	" ..	26 Jan., " ..	233
Charles Ernest Giles	" ..	" ..	26 " " ..	234
Alexander Macmaster	" ..	" ..	26 " " ..	235
Alfred Hunt	River oil engineer ..	River trade ..	7 April, 1914 ..	435
James Attwood	" ..	" ..	7 " " ..	436
Thomas Kay	" ..	" ..	7 " " ..	437
George Warner Ellis	" ..	" ..	27 " " ..	438
Ernest Richard Thornton	" ..	" ..	19 May, " ..	439

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1915—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
John Solem	River oil engineer ..	River trade ..	19 May, 1914 ..	440
Joseph Arthur Cullen	" ..	" ..	19 " ..	441
Clifford Reginald Le Grice	" ..	" ..	19 " ..	442
Frederick Charles Frogley	" ..	" ..	19 " ..	443
William Henry Mills	" ..	" ..	19 " ..	444
Ernest Martin	" ..	" ..	19 " ..	445
James Cregdala Paton	" ..	" ..	19 " ..	446
Arthur Roy Brownlee	" ..	" ..	19 " ..	447
Alfred Norman Ramsey	" ..	" ..	19 " ..	448
Ernest Albert Wakeham	" ..	" ..	19 " ..	449
Stanley Gordon Butland	" ..	" ..	19 " ..	450
Edward Bernard Howe	" ..	" ..	19 " ..	451
James Scott Donley Begg	" ..	" ..	19 " ..	452
Marcus Dod McPherson	" ..	" ..	19 " ..	453
John Samuel Austin	" ..	" ..	19 " ..	454
Edward Fitzgerald Bradley	" ..	" ..	19 " ..	455
John Stanley Carr	" ..	" ..	19 " ..	456
John Dobbie Spörle	" ..	" ..	19 " ..	457
Clive Arthur Swears	" ..	" ..	19 " ..	458
Norman McLeod Wyles	" ..	" ..	14 July, ..	459
Dunlop James Smith	" ..	" ..	14 " ..	460
Henry McGregor	" ..	" ..	14 " ..	461
Bertram Cruller	" ..	" ..	14 " ..	462
Clarence Leslie Cheeseman	" ..	" ..	14 " ..	463
Charles Scivier Goodwill	" ..	" ..	14 " ..	464
Samuel Guppy	" ..	" ..	14 " ..	465
William Frederick Dolan	" ..	" ..	14 " ..	466
John Lawrence Neilson	" ..	" ..	14 " ..	467
Joseph Gilbert	" ..	" ..	14 " ..	468
Henry Arthur Wallis	" ..	" ..	14 " ..	469
Harry Osborne	" ..	" ..	14 " ..	470
William Robert Norman Warren	" ..	" ..	14 " ..	471
William Henry White	" ..	" ..	29 " ..	472
Walter Herbert McKenzie	" ..	" ..	29 " ..	473
Cecil Howard Hayward	" ..	" ..	14 Aug., ..	474
Louis Morrell	" ..	" ..	27 " ..	475
Thomas Kirkwood	" ..	" ..	22 Sept., ..	476
Reginald Eton Collins	" ..	" ..	22 " ..	477
Napier Cross	" ..	" ..	22 " ..	478
William Eyre Powell	" ..	" ..	22 " ..	479
John Henry Walden	" ..	" ..	22 " ..	480
Gerald Stevenson Hall	" ..	" ..	22 " ..	481
William Parris	" ..	" ..	22 " ..	482
Leonard Thomas Dean	" ..	" ..	22 " ..	483
Leonard Peterson	" ..	" ..	22 " ..	484
Thomas Barker	" ..	" ..	22 " ..	485
Llewelyn Mostyn Parry	" ..	" ..	22 " ..	486
William McLennan	" ..	" ..	22 " ..	487
John William Henry Mitchell	" ..	" ..	22 " ..	488
Harold Malcolm Keir	" ..	" ..	22 " ..	489
Samuel Ralston Bourdot	" ..	" ..	22 " ..	490
William James Smith Morrell	" ..	" ..	10 Nov., ..	491
Lewis Sydney Morell	" ..	" ..	10 " ..	492
Herbert Wilfred Subritzky	" ..	" ..	18 " ..	493
Edward Ralph Shoebridge	" ..	" ..	18 " ..	494
Edward Duncan Gray	" ..	" ..	18 " ..	495
Ernest Henry Oxenham	" ..	" ..	18 " ..	496
Earle Owen Evans	" ..	" ..	18 " ..	497
Henry Edward Berridge	" ..	" ..	18 " ..	498
Roy Wells	" ..	" ..	18 " ..	499
Joseph Rice	" ..	" ..	18 " ..	500
Walter Sharland	" ..	" ..	18 " ..	501
Herbert James Allison	" ..	" ..	8 Dec., ..	502
Claude Percival Tibbey	" ..	" ..	8 " ..	503
Charles Smolander	" ..	" ..	8 " ..	504
William Lawson	" ..	" ..	8 " ..	505
Robert William Lawson	" ..	" ..	8 " ..	506
Claude Gaudin Martin	" ..	" ..	8 " ..	507
Bramwell Modland	" ..	" ..	8 " ..	508
Russell Bedford Graham	" ..	" ..	8 " ..	509
George Robert Sutherland	" ..	" ..	15 " ..	510
Henry Martin Wilde	" ..	" ..	12 Jan., 1915 ..	511
Charles Lawrence Aldridge	" ..	" ..	12 " ..	512
Charles Oliver Rowlands	" ..	" ..	12 " ..	513
Harold Vipond	" ..	" ..	12 " ..	514
Robert Bruce Sunhouse Hogwood	" ..	" ..	12 " ..	515
Frank Noble Davidson	" ..	" ..	26 " ..	516
Harold Bernard Wagener	" ..	" ..	26 " ..	517
John Rupert Sheppard	" ..	" ..	26 " ..	518
George Henry Bartlett	" ..	" ..	26 " ..	519
Richard Moody	" ..	" ..	26 " ..	520
Cornelius Gothard	" ..	" ..	25 Feb., ..	521
Edwin Phillips	" ..	" ..	25 " ..	522
Ernest James Dudson	" ..	" ..	6 Mar., ..	523

RETURN SHOWING THE NUMBER OF MASTERS', MATES', AND ENGINEERS' EXAMINATIONS IN NEW ZEALAND DURING THE YEAR ENDED THE 31ST MARCH, 1915, SHOWING THE NUMBER OF SUCCESSFUL AND UNSUCCESSFUL CANDIDATES.

Class of Certificate.	Auckland.			Wellington.			Lyttelton.			Dunedin.			Other Places.			Totals.		
	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.	Passed.	Failed.	Total.
Foreign-going masters and mates	17	16	33	9	10	19	5	8	13	5	..	5	..	..	..	36	34	70
Home-trade masters and mates	14	7	21	8	6	14	5	..	5	..	..	..	..	..	..	27	13	40
River-steamers ..	8	4	12	4	6	10	..	..	..	2	..	2	3	1	4	17	11	28
Master, fishing-boat or cargo-vessel under 25 tons register	2	2	4	..	..	..	..	..	..	..	..	..	..	..	..	2	2	4
Master, sailing-vessel plying in harbours and rivers	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Seagoing engineers (steam)	59	12	71	24	6	30	8	5	13	25	4	29	9	6	15	125	33	158
River-steamers engineers ..	6	2	8	..	..	..	1	..	1	..	..	..	1	..	1	8	2	10
Marine engine-drivers ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Seagoing engineers (mechanical power other than steam)	14	9	23	..	..	..	..	..	..	2	..	2	7	..	7	23	9	32
River engineers (mechanical power other than steam)	45	2	47	1	..	1	2	..	2	..	..	..	42	3	45	90	5	95
Totals ..	165	54	219	46	28	74	21	13	34	34	4	38	63	10	73	329	109	438

RETURN OF CERTIFICATES OF EXEMPTION FROM EXAMINATION AS THIRD-CLASS ENGINEERS ISSUED DURING THE YEAR ENDED 31ST MARCH, 1915.

Date of Issue.	Name.
26 June, 1914	David Manson.

RETURN OF LICENSES AS COLONIAL PILOTS ISSUED IN PURSUANCE OF SECTION 190 OF THE SHIPPING AND SEAMEN ACT, 1908, DURING THE YEAR ENDED 31ST MARCH, 1915.

No. of License.	Date of Issue.	Name of Licensee.	Port of Residence.	Date of Expiry of License.
43	10 Oct., 1914	Felix Black	Wellington	8 Oct., 1915.
45	10 April, "	John Grant	Onehunga	4 April, "
46	2 Sept., "	John Robertson ..	Auckland	29 Aug., "
47	9 March, 1915	Richard Edward Smith	..	30 Oct., "
49	7 Jan., "	William Andrew Smith	Wellington	19 Jan., 1916.
50	14 April, 1914	William John McLean Tate	"	14 April, 1915.

RETURN OF LICENSED ADJUSTERS OF COMPASSES IN NEW ZEALAND.

Date of Issue.	Name of Licensee.	Address.
9 April, 1896	Frederick Macbeth	Dunedin.
15 May, "	Robert Strang	"
5 " "	George Urquhart Thomson	"
27 April, 1897	Frederick William Cox ..	Nelson.
27 May, "	Thomas Fernandez ..	Auckland.
27 July, "	Robert Hatchwell ..	Lyttelton.
1 Sept., "	Arthur G. Gifford ..	Wellington.
13 Aug., 1898	Herbert John Richardson	"
26 April, 1899	Robert Heddelston Neville	"
26 June, 1900	Charles Frederick Sundstrum	Dunedin.
27 July, "	John Adamson ..	Auckland.
27 Nov., "	Thomas Basire ..	Port Chalmers.
27 March, 1903	George Samuel Hooper ..	Wellington.
19 Oct., "	John McLennon McKenzie	"
1 Nov., 1906	Frederick Pryce Evans ..	Dunedin.
6 Feb., 1907	David Todd ..	"
22 " 1909	Norman Macdonald ..	Bluff.
28 May, "	Charles Cornelius Plunket	Auckland.
23 Oct., "	Robert Crawford ..	Wellington.
19 June, 1911	Frederic George Cooper ..	"
16 Nov., "	Major William Solloway Lane	Totara North.
3 " 1913	Cesar Anthony Colonna ..	Christchurch.
27 Nov., 1914	John Jonathan Elven ..	Christchurch.
10 Feb., 1915	Richard Chamberlain Harbord	Bluff.

TABLE SHOWING THE NUMBER AND TONNAGE OF SAILING AND STEAM VESSELS WHICH REMAINED UPON THE REGISTER OF THE DOMINION OF NEW ZEALAND ON THE 31ST DECEMBER, 1913; OF THOSE ADDED TO AND DEDUCTED FROM THE REGISTER DURING THE YEAR 1914; AND OF THOSE REMAINING ON THE REGISTER ON THE 31ST DECEMBER, 1914.

	Sailing Vessels.			Steam Vessels.			Totals.		
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.
Remaining on Register on 31st December, 1913	225	33,931	31,619	391	220,186	127,691	616	254,117	159,310
Added to the Register,—									
Vessels registered for the first time—									
Built at ports in British possessions abroad	..	..	..	16	985	513	16	985	513
Vessels transferred from ports in British possessions abroad	2	134	111	2	358	185	4	492	296
Vessels registered <i>de novo</i> ..	1	25	20	3	237	115	4	262	135
Tonnage added in consequence of re-measurement or alteration	..	2	39	..	132	583	..	134	622
Total added ..	3	161	170	21	1,712	1,396	24	1,873	1,566
Deducted from the Register,—									
Vessels wrecked or otherwise lost ..	2	780	714	2	647	273	4	1,427	987
Vessels broken up, decayed, &c. ..	13	3,361	3,323	4	526	327	17	3,887	3,650
Vessels converted into hulks, &c. ..	9	5,767	5,390	..	..	..	9	5,767	5,390
Transferred to ports in the United Kingdom	..	..	..	19	84,504	50,376	19	84,504	50,376
Vessels transferred to ports in British possessions	3	1,233	1,146	2	358	185	5	1,591	1,331
Vessels registered <i>de novo</i> ..	2	209	161	1	25	14	3	234	175
Other vessels ..	2	28	25	..	..	..	2	28	25
Tonnage deducted in consequence of remeasurement or alteration	..	..	46	..	..	11	..	..	57
Total deducted ..	31	11,378	10,805	28	86,060	51,186	59	97,438	61,991
Upon the Register on the 31st December, 1914	197	22,714	20,984	384	135,838	77,901	581	158,552	98,885

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 1914.

Ports.	Sailing Vessels.			Steam Vessels.		
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.
Auckland	138	9,044	7,863	193	22,848	12,295
Napier	4	266	253	28	3,485	2,026
Wellington	12	1,014	888	43	12,060	6,171
Nelson	8	209	172	13	2,710	1,277
Lyttelton	14	3,944	3,834	16	4,820	2,162
Timaru	1	733	690	1	942	488
Dunedin	18	7,132	6,940	78	87,715	52,870
Invercargill	2	372	344	12	1,258	612
Totals	197	22,714	20,984	384	135,838	77,901

DESCRIPTIVE RETURN OF NEW ZEALAND COASTAL LIGHTHOUSES.

Name of Lighthouse.	Order of Apparatus.	Description.	Period of Revolving Light.	Colour of Light.	Tower built of	Dwellings built of	Date first lighted.
Cape Maria van Diemen	1st order dioptric	Revolving	1'	White	Timber	Timber	24 Mar., 1879
Cape Brett	1st order dioptric	Fixed ..	..	Red, to show over Columbia Reef.	53 7/8"	Timber	21 Feb., 1910
Mokohinou	1st	Group flashing	10"	White	Iron ..	"	18 June, 1883
Chicken Island (Marotiri)	Acetone-acetylene (unwatched)	Flashing	1 1/2" fl.	"	Stone	"	28 April, 1913
Tiritiri	2nd order dioptric	Fixed ..	3 1/2" ecl.	White, with red arc over Flat Rock	Iron ..	Timber	1 Jan., 1865
Channel Island	Acetone-acetylene (unwatched)	Flashing §	1 1/2" fl. 2" ecl. 1 1/2" fl. 10" ecl.	White	" ..	"	11 Feb., 1915
Ponui Passage	5th	" ..	..	White and red ..	Timber	Timber	29 July, 1871
Cuvier Island	1st	Revolving	30"	White	Iron ..	"	22 Sept., 1889
East Cape	2nd	Flashing	10"	"	" ..	"	9 Aug., 1900
Portland Island	2nd	Revolving	30"	"	" ..	"	10 Feb., 1878
Castle Point	2nd order dioptric	Fixed ..	..	Red, to show over Bull Rock	Timber	"	12 Jan., 1913
Cape Palliser	2nd	Group flashing	†	White	Iron ..	Timber	27 Oct., 1897
Pencarrow Head	2nd	Revolving	†	"	" ..	"	1 Jan., 1859
Cape Egmont	2nd	Fixed ..	..	"	" ..	"	1 Aug., 1881
Manukau Head	2nd	" ..	..	"	Timber	"	1 Sept., 1874
Kaipara Head	3rd	Flashing	10"	"	"	"	1 Dec., 1884
Brothers	2nd	Fixed ..	10"	"	"	"	24 Sept., 1877
Cape Campbell	2nd	Red, to show over Cook Rock	..	"	"	"	1 Aug., 1870
Godley Head	2nd order dioptric	Revolving	1'	White	Iron ..	"	1 April, 1865
Akaroa Head	2nd	Fixed ..	..	"	Stone	"	1 Jan., 1880
Jack's Point	2nd	Flashing	10"	"	Timber	"	1 July, 1904
Moeraki	4th	Fixed ..	..	"	Iron ..	"	22 April, 1878
Taiaroa Head	3rd	" ..	..	"	Timber	"	2 Jan., 1865
Cape Saunders	3rd	" ..	..	Red	Stone	Stone	1 Jan., 1880
Nugget Point	2nd	Revolving	1'	White	Timber	Timber	4 July, 1870
Waipapapa Point	1st	Fixed ..	..	"	Stone	Stone	1 Jan., 1884
Dog Island	2nd	Flashing	10"	"	Timber	Timber	1 Aug., 1865
Centre Island	1st order catadioptric	Revolving	30"	"	Stone	Stone	16 Sept., 1878
Puysegur Point	1st order dioptric	Fixed ..	..	White, with red arcs over inshore dangers	Timber	Timber	1 Mar., 1879
Cape Foulwind	1st	Flashing	10"	White	"	"	1 Sept., 1876
Kahurangi Point	2nd	Revolving	30"	"	Iron ..	"	30 Nov., 1903
Farewell Spit	2nd	Fixed ..	..	White, with red sector to show over Stewart Breaker	"	"	17 June, 1870
Nelson	2nd	Revolving	1'	White, with red arc over Spit end	"	"	4 Aug., 1862
French Pass	4th	Fixed ..	..	White, with red arc to mark limit of anchorage	"	"	1 Oct., 1884
Stephens Island	6th	" ..	..	Red and white, with white light on beacon	"	"	29 Jan., 1894
	1st	Group flashing	*	White	"	"	

* Two flashes in quick succession every half-minute. † Three white flashes every forty-five seconds. ‡ Flashing twice every half-minute, with interval of three seconds between flashes. § At present showing half-second flashes, eight seconds elapsing pending repairs.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE ISSUED IN
NEW ZEALAND DURING THE YEAR ENDED 31ST MARCH, 1915.

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Admiral ..	82	50	..	Compound	Screw	Restricted limits	..	..	..	..	
Advance (A'kland)	12	8	..	Non-condensing	"	"	..	..	..	..	
Advance (Hokianga)	3	7	..	Oil-engine	"	"	..	..	..	..	
Advance II	4	8	..	"	"	"	..	..	..	..	
Adventure	3	10	..	"	"	"	..	..	..	..	
A.H.B.	5	15	..	"	"	"	..	..	..	..	
Ahuriri ..	33	17	..	Compound	"	"	..	..	..	..	
Ailoma ..	4	15	..	Oil-engine	"	"	..	..	..	..	
Aio ..	4½	20	..	"	"	"	..	..	..	..	
Akaroa ..	29	28	97	Compound	"	Home trade ..	1	1	..	..	
Albany ..	20	9	..	"	Twin-screw	Restricted limits	..	..	..	..	
Albatross	111	37½	..	"	Screw	"	..	..	..	..	
Albatross (Ham'ltn)	4	8	..	Oil-engine	"	"	..	..	..	..	
Albatross (H'kianga)	2	4	..	"	"	"	..	..	..	..	
Alert ..	†20	6	..	Compound	"	"	..	..	..	..	
Alert (Wanganui)	5	15	..	Oil-engine	"	"	..	..	..	..	
Alexander ..	185	72	338	Compound	Twin-screw	Home trade ..	4	3	..	..	
Alexandra	5	15	..	Oil-engine	Screw	Restricted limits	..	..	..	..	
Alice ..	2	6	..	"	"	"	..	..	..	..	
Alice (Te Kopuru)	4½	12	..	"	"	"	..	..	..	..	
All Black	4	17	..	"	"	"	..	..	..	..	
All Black, No. 2 ..	4	24	..	"	"	"	..	..	..	..	
Alma ..	5	10	..	"	"	"	..	..	..	..	
Alva ..	4	12	..	"	"	"	..	..	..	..	
Amy ..	2	5	..	"	"	"	..	..	..	..	
Anaru ..	6	16	..	"	"	"	..	..	..	..	
Anna ..	19	10	..	"	"	Home trade ..	1	..	..	..	Fishing.
Aorere ..	49	16	80	Compound	"	"	2	1	..	..	
Aotea ..	157	33	..	"	"	Restricted limits	..	..	..	..	
Apanui ..	135	28	216	Triple-expansion	"	Home trade ..	4	2	..	..	
Aparima	3,684	284	2,750	"	Twin-screw	Foreign trade	12	9	3	3	
Arahura	772	145	1,707	"	"	Home trade ..	7	6	3	3	
Arapawa	128	47	241	"	Screw	"	4	2	..	..	
Arawa ..	2	5	..	Oil-engine	"	Restricted limits	..	..	..	..	
Arawa (French Pass)	3	5	..	"	"	"	..	..	..	..	
Arawa (Port Under-wood)	5	10	..	"	"	"	..	..	..	..	
Ariel ..	9	2½	..	"	"	Home trade ..	1	..	..	..	
Arita ..	2	4½	..	"	"	Restricted limits	..	..	..	..	
Ark ..	3	5	..	"	"	"	..	..	..	..	
Aroha ..	6	16	..	"	"	"	..	..	..	..	
Aroha (Lyttelton)	4	8	..	"	"	"	..	..	..	..	
Arrino ..	2	5	..	"	"	"	..	..	..	..	
Arumai ..	6	10	..	"	"	"	..	..	..	..	
Atalanta	6	25	..	"	"	"	..	..	..	..	
*Athleen ..	2	6	..	"	"	"	..	..	..	..	
Atlas ..	2	10	..	"	"	"	..	..	..	..	
Atua ..	2	5	..	"	"	"	..	..	..	..	
Audrie ..	2	4	..	"	"	"	..	..	..	..	
Aupouri ..	220	55	412	Triple-expansion	Twin-screw	Home trade ..	5	3	..	..	
Aurere ..	3	8	..	Oil-engine	Screw	Restricted limits	..	..	..	..	
Awahou ..	151	74	319	Compound	Twin-screw	Home trade ..	4	3	..	..	
Awaroa ..	211	62	478	Triple-expansion	Screw	Restricted limits	..	..	..	..	
Awaru ..	2	4½	..	Oil-engine	"	"	..	..	..	..	
Baden Powell	72	30	194	Compound	"	Home trade ..	2	2	..	..	
Balder ..	3	6	..	Oil-engine	"	Restricted limits	..	..	..	..	
Baroona	79	24	149	Compound	"	Home trade ..	2	2	..	..	
Beldame	4	20	..	Oil-engine	"	Restricted limits	..	..	..	..	
Bell Bird	52	15	..	Triple-expansion	"	"	..	..	..	..	
*Belle ..	5	10	..	Oil-engine	"	"	..	..	..	..	
Benares	2	5	..	"	"	"	..	..	..	..	
Ben Lomond	33	15	..	Compound	"	"	..	..	..	..	
Blenheim	85	50	242	"	"	Home trade ..	2	2	..	..	
Bletsoe ..	1½	5	..	Oil-engine	"	Restricted limits	..	..	..	..	
Blue Bird	1	5	..	"	"	"	..	..	..	..	
Branch ..	3	9	..	"	"	"	..	..	..	..	
Breeze ..	286	84	454	Triple-expansion	"	Home trade ..	4	3	..	..	
Breta Tui	36	40	..	Oil-engine	"	Restricted limits	..	..	..	..	
Brit ..	4	14	..	"	"	"	..	..	..	..	
Brit (Auckland)	5	12	..	"	"	"	..	..	..	..	
Brit (Whangarei)	6	16	..	"	"	"	..	..	..	..	
Britannia	3	13	..	"	Twin-screw	"	..	..	..	..	
Britannia (A'kland)	108	40	..	Non-condensing	Paddle	"	..	..	..	..	
Britannia (Bluff)	10	2½	..	Oil-engine	Screw	Home trade ..	1	..	..	..	Fishing.
Bruce ..	1	5	..	"	"	Restricted limits	..	..	..	..	
Bulli ..	29	24	..	Compound	"	"	..	..	..	..	
Campbell	6	26	..	Oil-engine	Twin-screw	"	..	..	..	..	
Canopus	835	250	1,182	Triple-expansion	Screw	Home trade ..	6	3	2	3	

* Surveyed twice.

† Under.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law re- quires to be carried.				Remarks
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Canterbury ..	521	120	..	Compound ..	Twin-screw	Restricted limits	..	..	..	..	
Canterbury ..	..	24	..	Non-condensing	"	"	..	..	..	..	
Capel ..	3	10	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Centaur ..	6	32	..	" ..	Twin-screw	"	..	..	..	..	
Chance ..	3	5	..	" ..	Screw ..	"	..	..	..	..	
Chelmsford ..	79	25	58	Compound ..	" ..	Home trade ..	2	1	..	..	
Clansman ..	379	99	568	" ..	" ..	" ..	5	3	..	..	
Claymore ..	119	54	377	Triple-expansion	" ..	" ..	4	3	..	..	
Clematis ..	3	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Clifton ..	2	7	..	" ..	" ..	"	..	..	..	..	
Clio ..	5½	6	..	" ..	" ..	"	..	..	..	..	
Clutha ..	96	24	..	Compound ..	Stern-wheel paddle	"	..	..	..	..	
Clyde ..	..	40	..	" ..	Ditto ..	"	..	..	..	..	
Cobar ..	69	40	..	" ..	Screw ..	"	..	..	..	..	
Cobar (Tryphena) ..	4	12	..	Oil-engine ..	" ..	"	..	..	..	..	
Comet ..	8	20	..	" ..	" ..	"	..	..	..	..	
Comet (Stewart Isl.) ..	6	5	..	" ..	" ..	"	..	..	..	..	
Condor ..	188	24	..	Compound ..	Screw (at each end)	"	..	..	..	..	
Conella ..	1	3½	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Coo-ee ..	3	8	..	" ..	" ..	"	..	..	..	..	
Coquette ..	3	10	..	" ..	" ..	"	..	..	..	..	
Corinna ..	812	141	1,045	Compound ..	" ..	Home trade ..	6	3	2	3	
Countess ..	2½	20	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Countess (W'gton) ..	57	28	181	Compound ..	" ..	Home trade ..	2	2	..	..	Fishing.
Cygnat ..	66	43	188	" ..	" ..	"	2	2	..	..	
Cygnat (Mokau) ..	4	16	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Cygnat (Te Kopuru) ..	3	8	..	" ..	" ..	"	..	..	..	..	
Dairymaid ..	2	6	..	" ..	" ..	"	..	..	..	..	
Daphne ..	100	55	247	Compound ..	" ..	Home trade ..	4	2	..	..	
Daphne (Hokianga) ..	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Daphne (Ohiwa Bay) ..	9	30	..	" ..	" ..	"	..	..	..	..	
Daphne (Queen Charlotte Sound) ..	1	5	..	" ..	" ..	"	..	..	..	..	
*Dauntless ..	3	16	..	" ..	" ..	"	..	..	..	..	
Dawn (Auckland) ..	14	36	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Dawn (Mangonui) ..	3	8	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Defender ..	109	36	116	Compound ..	" ..	Home trade ..	4	2	..	..	
Defender (Thames) ..	4	18	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Defiance ..	5	15	..	" ..	" ..	"	..	..	..	..	
Despatch ..	24	20	..	Compound ..	" ..	Home trade ..	1	1	..	..	
D'Jinn ..	6	23	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Doak ..	3	8	..	" ..	" ..	"	..	..	..	..	
Dolly Varden ..	17	26	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Doris ..	5	6	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Doris (Napier) ..	4	20	..	" ..	" ..	"	..	..	..	..	
Doris (Piton) ..	2	4	..	" ..	" ..	"	..	..	..	..	
Doris (Russell) ..	3	12	..	" ..	" ..	"	..	..	..	..	
Dot ..	1	5	..	" ..	" ..	"	..	..	..	..	
Dove ..	2	4	..	" ..	" ..	"	..	..	..	..	
Dovey ..	2	5	..	" ..	" ..	"	..	..	..	..	
Dreadnought (I'gill) ..	26	12	..	" ..	Stern-wheel	"	..	..	..	..	
Dreadnought (Port Underwood) ..	6	16	..	" ..	Screw ..	"	..	..	..	..	
Dredge 121 ..	394	100	..	Compound ..	Twin-screw	"	..	..	..	..	Dredge.
*Dredge 222 ..	502	140	869	" ..	" ..	Home trade ..	5	3	2	3	"
Dredge 350 ..	483	117	585	Triple-expansion	" ..	" ..	5	3	..	..	"
Dredge 404 ..	215	78	463	Compound ..	" ..	" ..	4	3	..	..	"
Duchess ..	137	81	..	Triple-expansion	Screw ..	Restricted limits	..	..	..	..	
Duchess ..	1	1½	..	Oil-engine ..	" ..	"	..	..	..	..	
Dunedin ..	125	500	785	Triple-expansion	Twin-screw	Home trade ..	4	3	2	3	
Eagle ..	138	70	..	Compound ..	Paddle ..	Restricted limits	..	..	..	..	
Earl ..	3	8	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Earnslaw ..	155	80	1,000	Triple-expansion	Twin-screw	"	..	..	..	..	
Echo ..	98	60	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Eclipse ..	2	8	..	" ..	" ..	Restricted limits	..	..	..	..	
Eclipse (Te Kopuru) ..	2	8	..	" ..	Screw ..	"	..	..	..	..	
Eileen Ward ..	472	123	..	Triple-expansion	Twin-screw	"	..	..	..	..	Dredge.
Elsie ..	21	30	..	Oil-engine ..	" ..	"	..	..	..	..	
Elsie (French Pa-s) ..	3	5	..	" ..	Screw ..	"	..	..	..	..	
Elsie (Wellington) ..	22	11	..	Compound ..	" ..	"	..	..	..	..	
Elsie Evans ..	6	20	..	Oil-engine ..	" ..	"	..	..	..	..	
Elsie Mary ..	85	60	..	" ..	" ..	Home trade ..	2	..	..	..	
Elswick ..	4	12	..	" ..	" ..	Restricted limits	..	..	..	..	
Emerald ..	4	12	..	" ..	" ..	"	..	..	..	..	
Emily ..	5	25	..	" ..	" ..	"	..	..	..	..	

* Surveyed twice.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Num- ber of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Emma ..	4	10	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	Fishing.
Empress ..	6	18	..	" ..	" ..	" ..	..	..	..	..	
Endeavour ..	54	30	..	" ..	" ..	Home trade ..	2	..	..	..	
Endora ..	2	5	..	" ..	" ..	Restricted limits	..	..	..	..	
Energy ..	26	16	48	Compound ..	" ..	Home trade ..	1	1	..	..	
Ennerdale ..	516	98	696	Triple-expansion	" ..	Foreign trade	5	3	..	..	
Erin ..	..	3½	..	Non-condensing	" ..	Restricted limits	..	..	..	..	
Erlin ..	4	4	..	Compound ..	" ..	" ..	..	..	..	..	
*Erskine ..	90	35	..	" ..	" ..	" ..	..	..	..	..	
Eureka ..	2	8	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Eureka (Hokianga)	3	10	..	" ..	" ..	" ..	..	..	..	..	Fishing.
Eva ..	5	20	..	" ..	" ..	" ..	..	..	..	..	
Eveleen ..	..	8	..	Non-condensing	" ..	" ..	..	..	..	..	
Excelsior ..	29	24	..	Oil-engine ..	Twin-screw	Home trade ..	1	..	..	..	
Excelsior (Tuakau)	5	6½	..	Non-condensing	Screw ..	Restricted limits	..	..	..	..	
Express ..	36	25	92	Compound ..	" ..	Home trade ..	2	1	..	..	
Fairburn ..	60	60	..	Oil-engine ..	Twin-screw	" ..	2	..	..	..	
Fairy ..	2	7	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Fairy (Napier)	32	11	..	Compound ..	" ..	" ..	..	..	..	..	
Fanny ..	55	30	140	" ..	" ..	Home trade ..	2	2	..	..	
Farina ..	5	16	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	Dredge.
Ferro ..	6	24	..	" ..	" ..	" ..	..	..	..	..	
Fiona ..	2	4½	..	" ..	" ..	" ..	..	..	..	..	
Fire Float ..	..	13½	..	Non-condensing	" ..	" ..	..	..	..	..	
Flora ..	2	4	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Flora (Totara N'th)	2	3	..	" ..	" ..	" ..	..	..	..	..	
*Flora (Hobart) ..	838	180	1,104	Compound ..	" ..	Home trade ..	6	3	2	3	
Flossie ..	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Foam ..	3	10	..	" ..	" ..	" ..	..	..	..	..	
Freda ..	5	8	..	" ..	" ..	" ..	..	..	..	..	
Freetrader ..	94	50	..	Non-condensing	Stern-paddle	" ..	..	..	..	..	Dredge.
Frisbie ..	6	16	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Gael ..	55	20	100	Compound ..	" ..	Home trade ..	2	2	..	..	
Gannet ..	10	12	..	" ..	" ..	Restricted limits	..	..	..	..	
Gem ..	3	6	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Gertie ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Gladstone ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Gleaner ..	5	16	..	" ..	" ..	" ..	..	..	..	..	
Glennelg ..	156	75	255	Compound ..	" ..	Home trade ..	4	3	..	..	
Glenlee ..	5	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	Dredge.
Goshawk ..	122	28	..	Compound ..	" ..	" ..	..	..	..	..	
Greyhound ..	83	60	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Haeremai ..	6	18	..	" ..	" ..	Restricted limits	..	..	..	..	
Hapai ..	364	155	..	Triple-expansion	Twin-screw	" ..	..	..	..	..	
Harriet ..	3	8	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Hauraki ..	82	32	269	Compound ..	" ..	" ..	..	..	..	..	
Hauraki ..	9	3½	..	" ..	" ..	" ..	..	..	..	..	
*Heathcote ..	94	35	..	" ..	" ..	" ..	..	..	..	..	
Himitangi ..	149	45	255	Triple-expansion	" ..	Foreign trade	4	3	..	..	
Hina ..	39	20	76	Compound ..	" ..	Home trade ..	2	1	..	..	Dredge.
Hinemoa ..	282	150	606	" ..	" ..	Foreign trade	5	3	..	..	
Hinemoa (Tryphena)	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Hinemoa (Rotorua)	4	10	..	" ..	" ..	" ..	..	..	..	..	
Hinewai ..	5	16	..	" ..	" ..	" ..	..	..	..	..	
Hipi ..	16	11	..	Triple-expansion	Twin-screw	" ..	..	..	..	..	
Hirere ..	20	16	..	Compound ..	" ..	" ..	..	..	..	..	
Hobsonville ..	23	15	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Holliday ..	4	15	..	" ..	" ..	" ..	..	..	..	..	
Holmdale ..	197	27	126	Compound ..	" ..	Home trade ..	4	2	..	..	Dredge.
Houmoana ..	4	16	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Huia ..	2	4	..	" ..	" ..	" ..	..	..	..	..	
Huia (Wellington)	69	25	121	Compound ..	" ..	Home trade ..	2	2	..	..	
Huia (Wellington)	..	2	..	Condensing	" ..	Restricted limits	..	..	..	..	
Huia (Wilson's Bay)	1	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Hukarere ..	2	40	..	" ..	" ..	" ..	..	..	..	..	
Hulk Launch ..	2	5½	..	" ..	" ..	" ..	..	..	..	..	
Ida ..	4	16	..	" ..	" ..	" ..	..	..	..	..	
Ika ..	7	20	..	" ..	" ..	" ..	..	..	..	..	Dredge.
Imperial ..	3	12	..	" ..	" ..	" ..	..	..	..	..	
Invercargill ..	123	41	207	Compound ..	" ..	Home trade ..	4	2	..	..	
Irene (Hokianga) ..	4	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Irene (Kaipoi) ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Irin ..	4	15	..	" ..	" ..	" ..	..	..	..	..	
Iris (Mercury Bay)	3	6	..	" ..	" ..	" ..	..	..	..	..	
Iris (Onehunga) ..	2	6	..	" ..	" ..	" ..	..	..	..	..	
Iris (Kutarere) ..	4	8	..	" ..	" ..	" ..	..	..	..	..	

* Surveyed twice.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—continued.

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Num- ber of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Iris (Port Waikato) ..	3	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Isa ..	3	5	..	" ..	" ..	"	..	..	..	..	
Isabel (Nelson) ..	2	10	..	" ..	" ..	"	..	..	..	..	
Isabel (Stewart Island) ..	5	5	..	" ..	" ..	"	..	..	..	..	
*Ivy ..	8½	30	..	" ..	" ..	"	..	..	..	..	
Jane (Auckland) ..	22	35	..	" ..	" ..	Home trade ..	1	..	..	..	
Jane (Mokau) ..	3	..	..	" ..	" ..	Restricted limits	..	..	..	..	
Janie Seddon ..	43	43	..	Compound ..	Twin-screw	"	..	..	..	..	
John ..	134	90	199	" ..	Screw ..	Home trade ..	4	2	..	..	
John Anderson ..	36	20	..	" ..	" ..	Restricted limits	..	..	..	..	
John Kennedy ..	4	12	..	Oil-engine ..	" ..	"	..	..	..	..	
*Jumbo ..	4	32	..	" ..	" ..	"	..	..	..	..	
Kaeo ..	146	60	..	" ..	Twin-screw	Home trade ..	4	..	..	..	
Kahu (Auckland) ..	25	40	..	" ..	" ..	"	1	..	..	..	
Kahu (Napier) ..	99	40	231	Compound ..	Screw ..	"	2	..	..	..	
Kaiaia ..	24	28	..	Oil-engine ..	Twin-screw	"	1	..	..	..	
Kaipoi ..	1,246	201	1,021	Triple-expansion	Screw ..	Foreign trade	7	3	2	3	
Kaipara ..	..	4	..	Compound ..	" ..	Restricted limits	..	..	..	..	
Kaipatiki ..	23	9½	..	Triple-expansion	" ..	"	..	..	..	..	
Kairaki ..	182	92	492	" ..	Twin-screw	Home trade ..	4	3	..	..	
Kaitoa ..	118	65	298	Compound ..	" ..	"	4	3	..	..	
Kaituna ..	6	10	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Kamo ..	725	159	746	Triple-expansion	" ..	Foreign trade	6	3	..	..	
Kamona ..	904	117	728	" ..	" ..	"	6	3	..	..	
Kanieri ..	115	20	140	Compound ..	" ..	Home trade ..	4	2	..	..	
Kanieri ..	2	3½	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kapiti ..	114	35	216	Compound ..	" ..	Home trade ..	4	2	..	..	
Kapuni ..	96	30	189	" ..	" ..	"	2	2	..	..	
Karaka ..	10	22	..	Triple-expansion	" ..	Restricted limits	..	..	..	..	
Karamu ..	452	102	735	" ..	" ..	Foreign trade	5	3	..	..	
Karewa ..	4	4½	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Karori ..	1,194	147	926	Triple-expansion	" ..	Foreign trade	7	3	2	3	
Karoro ..	52	17	..	Compound ..	" ..	Restricted limits	..	..	..	..	
*Kate (Batley) ..	5	24	..	Oil-engine ..	" ..	"	..	..	..	..	
Kate (Foxton) ..	..	5	..	Non-condensing	" ..	"	..	..	..	..	
Katoa ..	1,382	335	1,488	Triple-expansion	" ..	Foreign trade	7	6	3	3	
Kauri ..	1,830	304	1,200	" ..	" ..	"	8	3	2	3	
Kawau ..	37	15	..	Compound ..	" ..	Restricted limits	..	..	..	..	
Kawau ..	53	20	127	" ..	" ..	Home trade ..	2	2	..	..	
Kelvena ..	4	7	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kelvin ..	2	7	..	" ..	" ..	"	..	..	..	..	
Kennedy ..	131	38	171	Compound ..	Twin-screw	Home trade ..	4	2	..	..	
Kestrel ..	159	43	..	" ..	Screw (at each end)	Restricted limits	..	..	..	..	
Kia Ora ..	7	8	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Kiatere ..	6	6	..	" ..	" ..	"	..	..	..	..	
Kina ..	5	10	..	" ..	" ..	"	..	..	..	..	
Kini ..	702	130	624	Triple-expansion	" ..	Home trade ..	6	3	..	..	
Kinohaku ..	6	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kiritona ..	75	150	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Kismet ..	4½	24	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Kittawa ..	708	120	788	Triple-expansion	" ..	Home trade ..	6	3	2	3	
Kiwi (Whangarei) ..	4	28	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kiwi (Weymouth) ..	1	3	..	" ..	" ..	"	..	..	..	..	
Knoxie ..	5	12	..	" ..	" ..	"	..	..	..	..	
Kohi ..	20	60	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Koi ..	55	32	..	" ..	" ..	Restricted limits	..	..	..	..	
Kokiri (Russell) ..	4	10	..	" ..	Screw ..	"	..	..	..	..	
Kokiri (Whangarei) ..	4	8	..	" ..	" ..	"	..	..	..	..	
Komata ..	1,194	260	1,215	Triple-expansion	" ..	Foreign trade	7	3	2	3	
Kopu ..	18	13	..	Non-condensing	Paddle ..	Restricted limits	..	..	..	..	
Korari ..	4	8	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Koroi ..	..	9½	..	Quadruple-expan- sion	" ..	"	..	..	..	..	
Kotare ..	79	20	146	Compound ..	" ..	Home trade ..	2	2	..	..	
Kotiti ..	42	14	76	" ..	" ..	"	2	1	..	..	
Koutu ..	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Koutunui ..	98	26	127	Compound ..	Twin-screw	Home trade ..	2	2	..	..	
Kowhai ..	404	128	608	Triple-expansion	Screw ..	"	5	3	..	..	
Kowhatu ..	2	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kumi ..	5	28	..	" ..	" ..	"	..	..	..	..	
Kura ..	16	35	..	" ..	" ..	"	..	..	..	..	
Kurow ..	1,564	333	1,737	Triple-expansion	" ..	Foreign trade	8	6	3	3	
Lady Moira ..	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Lady Roberts ..	37	48	..	Compound ..	Twin-screw	"	..	..	..	..	
La Mascotte ..	1	4	..	Oil-engine ..	Screw ..	"	..	..	..	..	

* Surveyed twice.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Crews.	
La Reine ..	6	20	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Larola ..	3	14	..	" ..	" ..	"	..	..	..	..	
Lassie ..	3	6	..	" ..	" ..	"	..	..	..	..	
Lauderdale ..	719	135	740	Triple-expansion	" ..	Foreign trade	6	3	..	..	
Laurel ..	3	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Lena ..	12	8	..	" ..	" ..	"	..	..	..	..	
Lillian ..	4	10	..	" ..	" ..	"	..	..	..	..	
Lily ..	1	10	..	" ..	" ..	"	..	..	..	..	
Linda ..	24	9	..	" ..	" ..	"	..	..	..	..	
Little George ..	4	6	..	" ..	" ..	"	..	..	..	..	
Loch Lomond ..	4	14	..	" ..	" ..	"	..	..	..	..	
Loew Victor ..	4	40	..	" ..	" ..	"	..	..	..	..	
*Lomen ..	20	6	..	Compound	" ..	"	..	..	..	..	
Lorna ..	4	10	..	Oil-engine	" ..	"	..	..	..	..	
Loyalty ..	24	35	78	Compound	" ..	Home trade ..	1	1	..	..	
Lupe ..	3	10	..	Oil-engine	" ..	Restricted limits	..	..	..	..	
Lyttelton (Lyttel'n)	1	133	..	Compound	Twin-screw	"	..	..	..	..	
Lyttelton (Auckl'd)	24	108	264	" ..	Paddle ..	Home trade ..	1	3	..	..	
Magic ..	58	60	..	Oil-engine	Twin-screw	"	..	..	..	..	
Maheno ..	3,318	600	6,188	Turbine	" ..	Foreign trade	12	18	12	3	
Maheno (Dunedin)	24	40	..	Oil-engine	" ..	Restricted limits	..	..	..	..	
Mahino ..	6	5	..	" ..	Screw ..	"	..	..	..	..	
Mahua ..	353	28	..	Compound	Twin-screw	"	..	..	..	..	
Mahurangi ..	95	80	..	" ..	Screw ..	"	..	..	..	..	
Mahuta ..	13	11	..	" ..	" ..	"	..	..	..	..	
Maidi ..	12	11	..	" ..	" ..	"	..	..	..	..	
Majestic (H'kianga)	2	5	..	Oil-engine	" ..	"	..	..	..	..	
Majestic (Mercer)	3	7	..	" ..	" ..	"	..	..	..	..	
Makere ..	3	4	..	" ..	" ..	"	..	..	..	..	
Makuini ..	4	18	..	" ..	" ..	"	..	..	..	..	
Mana ..	51	90	..	Compound	Paddle ..	"	..	..	..	..	
Manaia ..	630	104	1,162	Triple-expansion	Twin-screw	Home trade ..	7	3	2	3	
Mangakura ..	3	12	..	Oil-engine	Screw ..	Restricted limits	..	..	..	..	
Manuka (Dunedin)	2,813	357	4,070	Triple-expansion	Twin-screw	Foreign trade	11	12	6	3	
Manuka (Lyttelton)	3	3	..	Oil-engine	Screw ..	Restricted limits	..	..	..	..	
Manukau ..	4	30	..	" ..	" ..	"	..	..	..	..	
Manukotuku ..	3	16	..	" ..	" ..	"	..	..	..	..	
Manurere ..	..	34	..	Quadruple-expansion	" ..	"	..	..	..	..	
Manuwai ..	15	50	..	Oil-engine	" ..	"	..	..	..	..	
Manuwai (Wanganui)	94	30	..	Non-condensing	Stern-wheel	"	..	..	..	..	
Maori ..	1,433	5,600	5,859	Turbine	Triple-screw	Home trade ..	8	15	9	3	
Maori (Picton) ..	6	8	..	Oil-engine	Screw ..	Restricted limits	..	..	..	..	
Maori (Taupo) ..	2	5	..	" ..	" ..	"	..	..	..	..	
Maori (Riverton) ..	3	5	..	" ..	" ..	"	..	..	..	..	
Mapourika ..	718	130	1,213	Triple-expansion	" ..	Home trade ..	7	3	2	3	
Marama ..	2	6	..	Oil-engine	" ..	Restricted limits	..	..	..	..	
Maramarua ..	2	9	..	" ..	" ..	"	..	..	..	..	
Mararoa ..	2	6	..	" ..	" ..	"	..	..	..	..	
Mareno ..	4	5	..	" ..	" ..	"	..	..	..	..	
*Maribel ..	6	16	..	" ..	" ..	"	..	..	..	..	
Marmot ..	4	12	..	" ..	" ..	"	..	..	..	..	
Marokopa ..	4	7	..	" ..	" ..	"	..	..	..	..	
Maroro ..	5	8	..	" ..	" ..	"	..	..	..	..	
Mascotte ..	..	5	..	Non-condensing	" ..	"	..	..	..	..	
Mascotte (Wang'ui)	..	12	..	" ..	" ..	"	..	..	..	..	
Matakokiri ..	3	9	..	Oil-engine	" ..	"	..	..	..	..	
Matareka ..	4	25	..	" ..	" ..	"	..	..	..	..	
*Matarere ..	..	2	..	Compound	" ..	"	..	..	..	..	
Matariki (L'ttelt'n)	4	10	..	Oil-engine	" ..	"	..	..	..	..	
Matariki (Tuakau)	3	6	..	" ..	" ..	"	..	..	..	..	
Matea ..	2	5	..	" ..	" ..	"	..	..	..	..	
Matuku ..	..	4	..	Non-condensing	" ..	"	..	..	..	..	
Maui ..	251	80	547	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	Dredge.
Mavis ..	3	10	..	Oil-engine	Screw ..	Restricted limits	..	..	..	..	
Mavis B. ..	7	3	..	Quadruple-expansion	" ..	"	..	..	..	..	
Mavora ..	4	10	..	Oil-engine	" ..	"	..	..	..	..	
May (Tryphena) ..	2	5	..	" ..	" ..	"	..	..	..	..	
May (Wanganui) ..	1	4	..	" ..	" ..	"	..	..	..	..	
Melinda ..	14	5	..	" ..	" ..	"	..	..	..	..	
Melville ..	4	10	..	" ..	" ..	"	..	..	..	..	
Meremere ..	..	3	..	Non-condensing	" ..	"	..	..	..	..	
Merita ..	3	8	..	Oil-engine	" ..	"	..	..	..	..	
Merlin (Auckland)	4	4	..	" ..	" ..	"	..	..	..	..	
Merlin (Picton) ..	3	5	..	" ..	" ..	"	..	..	..	..	

* Surveyed twice.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Mermaid (Fr. Pass)	4	7	..	Oil-engine	..	Screw	..	..	..	..	
Mermaid (M'nukau)	4	7	..	"	..	"	..	..	..	..	
Midlothian	3	5	..	"	..	"	..	..	..	..	
Mikado	6	12	..	"	..	"	..	..	..	..	
Minoru	2½	10	..	"	..	"	..	..	..	..	
Mizpah	4½	20	..	"	..	"	..	..	..	..	
Moa	15	4	..	"	..	"	..	..	..	..	
Moana (Pioton)	4	8	..	"	..	"	..	..	..	..	
Moana (Tryphena)	2	4½	..	"	..	"	..	..	..	..	
Moata	3	5	..	"	..	"	..	..	..	..	
Moeraki	2,715	357	4,038	Triple-expansion	..	Twin-screw	11	12	6	3	
Moerangi	5	16	..	Oil-engine	..	Screw	..	..	..	..	
Mokoia	2	6	..	"	..	"	..	..	..	..	
Moana	2	5	..	"	..	"	..	..	..	..	
Monica II	29	20	..	Compound	..	"	..	..	..	..	
Monowai	2,137	290	2,731	Triple-expansion	..	"	10	9	3	3	
Mororo	2	5	..	Oil-engine	..	"	..	..	..	..	
Moturata	13	25	..	"	..	"	..	..	..	..	
Moturoa	10	10	..	Compound	..	"	..	..	..	..	
Mountaineer	66	50	..	"	..	Paddle	..	..	..	..	
Muriel	3	5	..	Oil-engine	..	Screw	..	..	..	..	
*Muriel (Napier)	22	18	..	Compound	..	"	..	..	..	..	
Murihiku	369	70	505	Triple-expansion	..	Twin-screw	4	3	..	..	Dredge.
Murital	5	14	..	Oil-engine	..	Screw	..	..	..	..	
Muriwai	6	55	..	"	..	"	..	..	..	..	
Myrtle	1	4	..	"	..	"	..	..	..	..	
Namu	2	5	..	"	..	"	..	..	..	..	
Nancy	1	5	..	"	..	"	..	..	..	..	
Napier	48	30	98	Compound	..	"	2	1	..	..	
Natone	50	24	..	"	..	"	..	..	..	..	
Naumai	29	12	..	"	..	"	..	..	..	..	
Naumai (Kawhia)	5	9	..	Oil-engine	..	"	..	..	..	..	
Naumai (Mercer)	3	9	..	"	..	"	..	..	..	..	
Nautilus	3	7	..	"	..	"	..	..	..	..	
Nautilus (Onehunga)	6	6	..	"	..	"	..	..	..	..	
Navua	1,813	220	1,937	Triple-expansion	..	Twin-screw	9	6	3	3	
Nellie Mason	14	15	..	Oil-engine	..	Screw	..	..	..	..	
New Zealand	4½	1½	..	Non-condensing	..	"	..	..	..	..	
Ngahere	556	118	745	Triple-expansion	..	"	5	3	..	..	
Ngakuta	944	248	1,209	"	..	"	6	3	2	3	
Ngapuhi	299	160	738	"	..	"	5	3	..	..	
Ngarita	4	18	..	Oil-engine	..	"	..	..	..	..	
Ngaru	3	6	..	"	..	"	..	..	..	..	
Ngatiawa	220	55	365	Triple-expansion	..	Twin-screw	5	3	..	..	
Ngatoro	584	118	711	"	..	Screw	5	3	..	..	
Ngoiro	139	52	..	"	..	Screw (at each end)	..	..	..	..	
Nick	6	25	..	Oil-engine	..	Screw	..	..	..	..	
Nicola	4	20	..	"	..	"	..	..	..	..	
Nikau	98	55	243	Compound	..	Twin-screw	2	2	..	..	
Nimrod	4	32	..	Oil-engine	..	Screw	..	..	..	..	
Nina	..	2½	..	Compound	..	"	..	..	..	..	
Nita	3	5	..	Oil-engine	..	"	..	..	..	..	
Norah	3	5	..	"	..	"	..	..	..	..	
Nora Niven	66	35	187	Triple-expansion	..	"	2	2	..	..	Fishing.
Norval	50	20	..	Oil-engine	..	"	..	..	..	..	
Nydia	1	4	..	"	..	"	..	..	..	..	
Ohinemuri	73	30	142	Compound	..	"	..	..	..	..	
Ohura	34	25	..	Condensing	..	Twin-screw	..	..	..	..	
Okahu	5	18	..	Oil-engine	..	Screw	..	..	..	..	
Oleo	5	20	..	"	..	"	..	..	..	..	
Oline	2	10	..	"	..	"	..	..	..	..	
Olive	6	32	..	"	..	"	..	..	..	..	
Olive Branch	3	9	..	"	..	"	..	..	..	..	
Omana	3	16	..	"	..	"	..	..	..	..	
Omawi	14	20	..	"	..	Stern-wheel	..	..	..	..	
Onewa	31	15½	..	Compound	..	Screw	..	..	..	..	
Ongarue	9	45	..	Oil-engine	..	"	..	..	..	..	
Opaia	5	23	..	"	..	"	..	..	..	..	
Oparau	5	5	..	"	..	"	..	..	..	..	
Opawa	64	18	82	Compound	..	"	2	1	..	..	
Opouri	218	86	577	Triple-expansion	..	"	4	3	..	..	
Opoutia	..	5	..	Non-condensing	..	"	..	..	..	..	
Orakei	3	10	..	Oil-engine	..	"	..	..	..	..	
Oranga	4	16	..	"	..	"	..	..	..	..	
Orete	14	10	..	"	..	"	..	..	..	..	
*Orewa	37	17	87	Compound	..	"	2	1	..	..	

* Surveyed twice.

† Under.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law re- quires to be carried.				Remarks
							Able Seamen.	Firemen.	Trimmers.	Crewers	
Orira ..	1	4	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Oropi ..	12	16	..	" ..	" ..	" ..	..	..	..	..	
Osprey ..	138	70	..	Compound ..	Paddle ..	" ..	..	..	..	..	
*Otara ..	3	12	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Outsider ..	4	14	..	" ..	" ..	" ..	..	..	..	..	
Ozone ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Paeora ..	45	25	78	Compound ..	" ..	Home trade ..	2	1	..	..	
Pakahea ..	6	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Palatine ..	4	4	..	" ..	" ..	" ..	..	..	..	..	
Palooa ..	1,735	443	2,611	Triple-expansion	" ..	Foreign trade	9	9	3	3	
Pandora ..	5	14	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Pararoa ..	4	8	..	" ..	" ..	" ..	..	..	..	..	
Parera ..	6	4	..	Non-condensing	" ..	" ..	..	..	..	..	
Paritutu ..	233	90	648	Triple-expansion	Twin-screw	" ..	..	..	..	..	Dredge.
Pateana ..	550	250	1,973	Compound ..	Screw ..	Home trade ..	6	6	3	3	
Patiti ..	..	15	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Pearl (Kaipara) ..	9	7	..	Non-condensing	" ..	" ..	..	..	..	..	
Pearl (Maori ay)	2	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Pearleen ..	6	5	..	" ..	" ..	" ..	..	..	..	..	
Pearless ..	4	26	..	" ..	" ..	" ..	..	..	..	..	
Pelican ..	1	57	297	Triple-expansion	Twin-screw	Home trade ..	1	3	..	..	
Pelorus (Auckland)	3	12	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Pelorus (Nelson) ..	18	40	..	" ..	" ..	" ..	..	..	..	..	
Petone ..	388	82	510	Triple-expansion	" ..	Home trade ..	4	3	..	..	
Pet ..	5	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Phantom ..	18	11	..	Compound ..	" ..	" ..	..	..	..	..	
Phyllis (Hokitika)	1	3	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Phyllis (Russell) ..	4	12	..	" ..	" ..	" ..	..	..	..	..	
Phyllis (Te Kopuru)	5	2	..	Compound ..	" ..	" ..	..	..	..	..	
Pihinga ..	24	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Pilot ..	27	15	..	Triple-expansion	" ..	" ..	..	..	..	..	
Pilot ..	5	12	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Pioneer (Auckland)	1	4	..	" ..	" ..	" ..	..	..	..	..	
Pioneer (Westport)	5	14	..	" ..	" ..	" ..	..	..	..	..	
Pitoitoti ..	34	20	..	Compound ..	" ..	" ..	..	..	..	..	
Planet ..	4	3½	..	" ..	" ..	" ..	..	..	..	..	
Pleiades ..	3	12	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Plucky ..	29	40	268	Compound ..	" ..	Home trade ..	1	3	..	..	
Poherea ..	749	128	698	Triple-expansion	" ..	" ..	6	3	..	..	
Pompeii ..	3	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Pono ..	30	52	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Portare ..	6	17½	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Presto ..	..	3	..	Compound ..	" ..	" ..	..	..	..	..	
Pukaki ..	917	110	608	Quadruple-expansion	" ..	Foreign trade	6	3	..	..	
Pukeore ..	4	7	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Pupuke ..	68	50	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Purau ..	33	30	..	" ..	" ..	" ..	..	..	..	..	
Putiki ..	157	60	323	" ..	Screw ..	Home trade ..	4	3	..	..	
Queen ..	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Queen of the South	121	40	180	Compound ..	" ..	Home trade ..	4	2	..	..	
R. No. 1 ..	5	2½	..	" ..	" ..	Restricted limits	..	..	..	..	
Rainbow ..	4	18	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Rakanoa ..	1,393	200	883	Triple-expansion	" ..	Foreign trade	7	3	2	3	
Rakiura (Bluff) ..	13	10	..	Oil-engine ..	" ..	Home trade ..	1	..	..	..	
Rakiura ..	81	25	108	Compound ..	" ..	" ..	2	2	..	..	
Ralaco ..	2	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Rangi ..	2	4½	..	" ..	" ..	" ..	..	..	..	..	
Rangimahora ..	2	10	..	" ..	" ..	" ..	..	..	..	..	
Rangiora ..	3	7	..	" ..	" ..	" ..	..	..	..	..	
Rangi Pushi ..	4	14	..	" ..	" ..	" ..	..	..	..	..	
Rarawa ..	460	140	1,102	Triple-expansion	Twin-screw	Home trade ..	6	3	2	3	
Ratanui ..	2	3	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Rawhiti (Auckland)	5	5	..	" ..	" ..	" ..	..	..	..	..	
Rawhiti (Stew'rt Is.)	3	5	..	" ..	" ..	" ..	..	..	..	..	
Redwing ..	5	12	..	" ..	" ..	" ..	..	..	..	..	
Regal ..	14	10	..	" ..	" ..	" ..	..	..	..	..	
Regulus ..	232	150	690	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	
Rehutai ..	12	10	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
Reikura ..	5	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Reliance (Hokianga)	3	5	..	" ..	" ..	" ..	..	..	..	..	
Reliance (Young's Point)	5½	14	..	" ..	" ..	" ..	..	..	..	..	
Reliance (On'h'nga)	4½	12	..	" ..	" ..	" ..	..	..	..	..	
Rene ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Reremoana ..	14	50	..	" ..	" ..	" ..	..	..	..	..	
Result ..	19	10	..	" ..	" ..	" ..	..	..	..	..	
Rhodesian ..	4	7	..	" ..	" ..	" ..	..	..	..	..	

* Surveyed twice

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Num- ber of follow- ing Classes of Crew Law re- quires to be carried.				Remarks
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Rimu (Auckland)	145	95	511	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	
Rimu (Thames) ..	6	16	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Rimu (Invercargill)	28	18	..	" ..	Twin-screw	" ..	..	..	..	..	
Ripple (Hokianga)	2	6	..	" ..	Screw ..	" ..	..	..	..	..	
Ripple (Napier) ..	187	80	270	Triple-expansion	" ..	Home trade ..	4	3	..	..	
Rita (Invercargill)	5	11	..	Compound ..	" ..	" ..	..	..	..	..	
Rita (Thames) ..	1	4	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	Fishing.
Riwaka ..	19	10½	..	Compound ..	" ..	" ..	..	..	..	..	
Roamer ..	4½	8½	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Roko ..	3	12	..	" ..	" ..	" ..	..	..	..	..	
Rona ..	4	12	..	" ..	" ..	" ..	..	..	..	..	
Ronaki ..	4	8	..	" ..	" ..	" ..	..	..	..	..	
Rosamond ..	462	90	453	Compound ..	" ..	Home trade ..	5	3	..	..	
Rose (Ngunguru) ..	1½	4	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Rose (Tangitatoria)	3	10	..	" ..	" ..	" ..	..	..	..	..	
Rose (Whangarei)	4	10	..	" ..	" ..	" ..	..	..	..	..	
Rotoiti ..	6	30	..	" ..	" ..	" ..	..	..	..	..	
Rotokohu ..	11	8	..	Compound ..	" ..	" ..	..	..	..	..	
Rotongaro ..	4	3½	..	" ..	" ..	" ..	..	..	..	..	
Rowena ..	..	8	..	" ..	" ..	" ..	..	..	..	..	
Ruahine ..	5	12	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Ruru (Auckland) ..	14	10	..	Compound ..	" ..	" ..	..	..	..	..	
Ruru (Napier) ..	62	50	187	" ..	" ..	Home trade ..	2	3	..	..	
St. George ..	2	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Samson ..	4	16	..	" ..	" ..	" ..	..	..	..	..	
Savaii ..	31	16	..	Condensing ..	" ..	Home trade ..	2	..	..	..	
Sea Horse ..	2	4½	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Seamew ..	2	6	..	" ..	" ..	" ..	..	..	..	..	
Sea Wolf ..	5½	28	..	" ..	" ..	" ..	..	..	..	..	
Secret ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Settler (Russell) ..	8	7	..	Compound ..	" ..	" ..	..	..	..	..	
Settler (Thames) ..	6	18	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Shamrock (Grey- mouth)	6	10	..	" ..	" ..	" ..	..	..	..	..	
Shamrock (Well- lington)	60	120	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Sir William Wallace	30	20	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
Sneaker ..	6	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Sonoma ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Sonoma (Kaipara)	..	13	..	Non-condensing	" ..	" ..	..	..	..	..	
Southern Cross ..	403	117	357	Triple-expansion	Twin-screw	Foreign trade	6	3	..	..	
Southern Isle ..	59	28	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Sparrow ..	..	1½	..	Triple-expansion	Screw ..	Restricted limits	..	..	..	..	
Sparrowhawk ..	98	32	..	Compound ..	Double-end screw	" ..	..	..	..	..	
Special ..	5	16	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Speedy ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Spindrift ..	4	5	..	" ..	" ..	" ..	..	..	..	..	
Spray ..	2	8	..	" ..	" ..	" ..	..	..	..	..	
*Squall ..	145	60	282	Compound ..	" ..	Home trade ..	4	3	..	..	
Standard ..	9	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Stanley ..	2	7½	..	" ..	" ..	" ..	..	..	..	..	
Stella ..	2	4	..	" ..	" ..	" ..	..	..	..	..	
Sterling (Auckland)	4	28	..	" ..	" ..	" ..	..	..	..	..	
Sterling (Hokianga)	3	12	..	" ..	" ..	" ..	..	..	..	..	
J. T. Stewart ..	5	47	..	" ..	" ..	" ..	..	..	..	..	
Storm ..	186	70	275	Compound ..	" ..	Home trade ..	4	3	..	..	
Stormbird ..	129	40	203	" ..	" ..	" ..	4	2	..	..	
Stranger ..	4	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Sumner ..	94	35	..	Compound ..	" ..	" ..	..	..	..	..	
Swan ..	16	10	..	" ..	" ..	" ..	..	..	..	..	
Sybil (Hokianga)	1½	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Sybil (Tauranga)	6	30	..	" ..	" ..	" ..	..	..	..	..	
Sylph ..	1	4	..	" ..	" ..	" ..	..	..	..	..	
Sylvia ..	4	9	..	" ..	" ..	" ..	..	..	..	..	
Tahawai ..	9	14	..	" ..	" ..	" ..	..	..	..	..	
Tahuna ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Tainui ..	60	24	156	Compound ..	" ..	Home trade ..	2	2	..	..	
Tai Nui ..	5	30	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Taipo ..	13	12	..	" ..	" ..	" ..	..	..	..	..	
Takapuna ..	472	165	1,118	Compound ..	" ..	Home trade ..	6	3	2	3	
Talune ..	1,370	255	1,790	Triple-expansion	" ..	Foreign trade	8	6	3	3	
Tanfield Lea ..	3	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Tangaroa ..	109	70	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Tangihua ..	20	15	..	" ..	Screw ..	" ..	..	..	..	..	
Taniora ..	3	12	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Taniwha ..	191	40	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Taniwha ..	16	16	..	Non-condensing	Screw ..	" ..	..	..	..	..	Dredge.

* Surveyed twice.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Tapapa ..	3	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Tarakihi ..	4	..	..	Non-condensing ..	" ..	" ..	..	..	..	..	
Tarawera ..	1,269	250	1,311	Compound ..	" ..	Home trade ..	8	6	3	3	
Tarewai ..	11	11	..	Condensing ..	" ..	Restricted limits	..	..	..	..	
Tasman ..	97	38	198	Compound ..	Twin-screw	Home trade ..	2	2	..	..	
Tauri ..	6	16	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Taviuni ..	974	135	888	Quadruple-expansion	" ..	Foreign trade	6	3	2	3	
Tawera ..	44	40	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Tawera ..	..	25	..	Compound ..	" ..	" ..	..	..	..	..	
Te Aroha ..	57	85	..	Oil-engine ..	Twin-screw	Home trade ..	2	..	..	..	
Te Awhina ..	87	99	589	Triple-expansion	" ..	" ..	2	3	..	..	
Te Kooti ..	2	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Te Maika ..	5	10	..	" ..	" ..	" ..	..	..	..	..	
Tempest ..	3	10	..	" ..	" ..	" ..	..	..	..	..	
Te Pioneer ..	25	13	..	Compound ..	" ..	" ..	..	..	..	..	
Tepua ..	3	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Terawhiti ..	102	99	846	Triple-expansion	" ..	Home trade ..	4	3	2	3	
Te Teko ..	56	120	..	Oil-engine ..	Twin-screw	" ..	2	..	..	..	
Te Wake ..	3	5	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Te Whaka ..	141	45	..	Compound ..	" ..	" ..	..	..	..	..	
Te Wharu ..	3	7½	..	Oil-engine ..	" ..	" ..	..	..	..	..	
The Little Jack ..	..	1½	..	Non-condensing ..	" ..	" ..	..	..	..	..	
Thelma ..	3	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
The Minerva ..	20	14	..	Compound ..	Twin-screw	" ..	..	..	..	..	
The Peregrine ..	162	52	..	Triple-expansion	Screw ..	" ..	..	..	..	..	
The Pines ..	1	2	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Theresa Ward ..	9	95	466	Triple-expansion	" ..	Home trade ..	1	3	..	..	
Thistle (Kaipara) ..	10	14	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Thistle (Kaipoi) ..	4	5	..	" ..	" ..	" ..	..	..	..	..	
Thistle (Moana) ..	1	4	..	" ..	" ..	" ..	..	..	..	..	
Thistle (Wellingt'n) ..	77	90	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Thomas King ..	70	16	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
Thor ..	6	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Thornycroft ..	1½	5	..	" ..	" ..	" ..	..	..	..	..	
*Tikirau ..	5	20	..	" ..	" ..	" ..	..	..	..	..	
Tikitere ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Tio ..	4	12	..	" ..	" ..	" ..	..	..	..	..	
Tiri ..	6	20	..	" ..	" ..	" ..	..	..	..	..	
Togo ..	†20	14	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Toiler ..	28	13½	..	" ..	Screw ..	" ..	..	..	..	..	
Toitoti ..	5	18	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tokatea ..	5	16	..	" ..	" ..	" ..	..	..	..	..	
Tongariro ..	9	8	..	Compound ..	" ..	" ..	..	..	..	..	
Tongonge ..	4	8	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Torea ..	24	60	..	" ..	Twin-screw	" ..	..	..	..	..	
Tot ..	6	16	..	" ..	Screw ..	" ..	..	..	..	..	
Totoranui ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Traveller ..	..	8	..	Compound ..	" ..	" ..	..	..	..	..	
Tuahine ..	20	14	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tuatea ..	58	28	230	Compound ..	" ..	Home trade ..	2	2	..	..	
Tuatea ..	4	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Tu Atu ..	30	60	..	" ..	Twin-screw	" ..	..	..	..	..	
Tui (Auckland) ..	20	6½	..	Compound ..	Screw ..	" ..	..	..	..	..	
Tui (Mercer) ..	1	8	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tui (Rawene) ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Tuirangi ..	72	22½	..	Triple-expansion	" ..	" ..	..	..	..	..	
Tukua ..	11	4½	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tuna ..	..	3½	..	Compound ..	" ..	" ..	..	..	..	..	
Turanga ..	19	25	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Turua ..	1	6	..	" ..	" ..	" ..	..	..	..	..	
Tutanekai ..	2	8	..	" ..	" ..	" ..	..	..	..	..	
Tutanekai ..	412	205	802	Triple-expansion	Twin-screw	Foreign trade	6	3	2	3	
Uira ..	4	3½	..	Non-condensing ..	Screw ..	Restricted limits	..	..	..	..	
Una ..	1	3½	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Undine ..	5	10	..	" ..	" ..	" ..	..	..	..	..	
*Uta ..	23	50	..	" ..	" ..	" ..	..	..	..	..	
Vectus ..	22	16	..	" ..	" ..	" ..	..	..	..	..	
Ventura ..	3	7	..	" ..	" ..	" ..	..	..	..	..	
Vesper (Auckland) ..	20	32	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Vesper (Te Kopuru) ..	3	16	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Viking ..	5	14	..	" ..	" ..	" ..	..	..	..	..	
Viola ..	3	15	..	" ..	" ..	" ..	..	..	..	..	
Vivid ..	6	14	..	Non-condensing ..	" ..	" ..	..	..	..	..	
Vixen ..	15	12	..	Oil-engine ..	Twin-screw	Home trade ..	1	..	..	..	
W ..	11	26	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Wahine ..	1,798	720	7,938	Turbine ..	Triple-screw	Home trade ..	9	18	12	3	

* Surveyed twice.

† Under.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE
ISSUED, ETC.—*continued.*

Name of Vessel.	Tons Register.	Nominal Horse-power of Steam-engines and Brake Horse-power of Oil-engines.	Indicated Horse-power of Steam-engines.	Nature of Engines.	Nature of Propeller.	Class of Certificate.	Minimum Number of following Classes of Crew Law requires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Waiapu ..	57	35	..	Oil-engine ..	Screw ..	..	2	..	..	..	
Waihau ..	6	40	..	" ..	" ..	Restricted limits ..	..	..	..	..	
Waihora ..	2,993	410	1,872	Triple-expansion ..	Screw ..	Foreign trade ..	11	6	3	3	
Waihou ..	4	12	..	Oil-engine ..	" ..	Restricted limits ..	..	..	..	..	
Wai-iti ..	5	47	..	" ..	" ..	" ..	..	..	..	..	
Waikana ..	67	200	..	Compound ..	Twin-screw ..	" ..	..	..	..	..	
Waikare ..	1	4	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Waikare ..	2½	5	..	" ..	" ..	" ..	..	..	..	..	
Waikuku ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Waima ..	6	20	..	" ..	" ..	" ..	..	..	..	..	
Waimarie ..	159	48	..	Compound ..	Twin-screw ..	" ..	..	..	..	..	
Waimarie ..	53	20	..	Non-condensing ..	Paddle ..	" ..	..	..	..	..	
Waimea ..	207	100	627	Triple-expansion ..	Twin-screw ..	Home trade ..	3	3	..	..	
Wainoni ..	3	6	..	Oil engine ..	Screw ..	Restricted limits ..	..	..	..	..	
Wainui ..	5	10	..	" ..	" ..	" ..	..	..	..	..	
Waioma ..	5	20	..	" ..	" ..	" ..	..	..	..	..	
Waiomo ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Waiome ..	48	80	..	Compound ..	Twin-screw ..	" ..	..	..	..	..	
Wai-ora ..	3	15	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Waiora ..	120	75	..	" ..	" ..	" ..	..	..	..	..	
Waiotahi ..	167	56	356	Compound ..	Twin-screw ..	Home trade ..	4	3	..	..	
Waipapakauri ..	5	9	..	Oil-engine ..	Screw ..	Restricted limits ..	..	..	..	..	
Waipori ..	1,229	180	886	Triple-expansion ..	" ..	Foreign trade ..	7	3	2	3	
Waipuna ..	2½	7	..	Oil-engine ..	" ..	Restricted limits ..	..	..	..	..	
Wairau ..	59	20	142	Compound ..	" ..	Home trade ..	2	2	..	..	
Waireka (Dunedin) ..	72	49	..	Triple-expansion ..	Twin-screw ..	Restricted limits ..	..	..	..	..	
Waireka (Russell) ..	3	5	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Waireka (Wanganui) ..	5	45	..	" ..	" ..	" ..	..	..	..	..	
Wairoa (Auckland) ..	49	40	124	Compound ..	" ..	Home trade ..	2	2	..	..	
Wairoa (Nelson) ..	48	16½	78	" ..	" ..	" ..	..	..	..	..	
Wairoa (Queens-town) ..	5	10	..	Oil-engine ..	" ..	Restricted limits ..	..	..	..	..	
Wairua (Wanganui) ..	120	5	..	Compound ..	" ..	" ..	..	..	..	..	
Wairua (Auckland) ..	175	44	..	Triple-expansion ..	Twin-screw ..	" ..	..	..	..	..	
Wairuna ..	2,530	396	2,071	" ..	Screw ..	Foreign trade ..	10	9	3	3	
Waitangi ..	32	60	293	Compound ..	" ..	Home trade ..	2	3	..	..	
Waitara ..	16	3½	..	" ..	" ..	Restricted limits ..	..	..	..	..	
Waitaria ..	2	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Waitemata ..	5	13	..	" ..	" ..	" ..	..	..	..	..	
Waitohi ..	18	10	..	Compound ..	" ..	" ..	..	..	..	..	
Waitomo ..	2,719	372	1,581	Triple-expansion ..	" ..	Foreign trade ..	10	6	3	3	
Waituna ..	3	5	..	Oil-engine ..	" ..	Restricted limits ..	..	..	..	..	
Waiuku ..	49	200	..	" ..	Twin-screw ..	" ..	..	..	..	..	
Waiwera ..	..	6	..	Compound ..	Screw ..	" ..	..	..	..	..	
Waiwera ..	..	16	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Wakaiti ..	15	39	..	" ..	Twin-screw ..	Home trade ..	1	..	..	..	
Wakapai ..	120	10	..	Compound ..	Screw ..	Restricted limits ..	..	..	..	..	
Wakatere (Auckl'd) ..	176	140	..	" ..	Paddle ..	" ..	..	..	..	..	
Wakatere (Raglan) ..	4	5	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Wakatu ..	95	30	134	Compound ..	" ..	Home trade ..	2	2	..	..	
Wallace ..	60	50	..	Non-condensing ..	" ..	Restricted limits ..	..	..	..	..	
Wanaka ..	1,572	280	1,073	Triple-expansion ..	" ..	Foreign trade ..	8	3	2	3	
Waro ..	34	50	..	Oil engine ..	" ..	Home trade ..	1	..	..	..	
Warrimoo ..	2,076	490	3,210	Triple-expansion ..	" ..	Foreign trade ..	10	9	6	3	
Waterlily ..	29	20	..	Oil-engine ..	" ..	Home trade ..	1	..	..	..	
*Wave ..	29	38	..	" ..	Twin-screw ..	" ..	1	..	..	..	
Waverley ..	93	25	128	Compound ..	" ..	" ..	2	2	..	..	
Weka ..	75	27	..	" ..	" ..	" ..	2	..	..	..	
Weka ..	53	20	80	" ..	Screw ..	" ..	2	1	..	..	
Westland ..	8	86	504	" ..	Paddle ..	" ..	1	3	..	..	
Wetere ..	41	22	..	" ..	Screw ..	Restricted limits ..	..	..	..	..	
Whakarapa ..	2	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Whakarire ..	449	120	565	Compound ..	Twin-screw ..	Home trade ..	5	3	..	..	
Whangape ..	1,900	280	1,177	Triple-expansion ..	Screw ..	Foreign trade ..	8	3	2	3	
Whanui ..	2	5	..	Oil-engine ..	" ..	Restricted limits ..	..	..	..	..	
*Whati ..	..	6½	..	Compound ..	" ..	" ..	..	..	..	..	
Will Watch ..	48	45	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Wimmera ..	3	5	..	" ..	" ..	Restricted limits ..	..	..	..	..	
Winifred ..	3½	8	..	" ..	" ..	" ..	..	..	..	..	
Wootton ..	90	33	119	Compound ..	" ..	Home trade ..	2	2	..	..	
Young Bungaree ..	2	35	156	" ..	" ..	" ..	1	2	..	..	
Zephyr ..	4	7	..	Oil-engine ..	" ..	Restricted limits ..	..	..	..	..	
Zoe ..	1½	4½	..	" ..	" ..	" ..	..	..	..	..	
Zomar ..	4	12	..	" ..	" ..	" ..	..	..	..	..	

* Surveyed twice.

† Under.

RETURN of SAILING-SHIPS TO WHICH SURVEY CERTIFICATES WERE GRANTED DURING THE YEAR
ENDED 31ST MARCH, 1915.

Name of Vessel.	Tons Register.	Class of Certificate.	Minimum Number of Seamen required by Law to be carried.			Remarks.
			Able Seamen.	Ordinary Seamen.	Boys.	
Agnes Martin	41	Restricted limits	2	..	..	
Alert	98	Home trade ..	2	1	..	
Alma	56	" ..	2	..	..	
Altair	57	Restricted limits	2	..	..	
Aratapu	122	Home trade ..	4	..	..	
Awanui	85	" ..	2	1	..	
Bee	24	" ..	1	..	..	
Clifton	18	Restricted limits	1	..	..	
Clio	81	" ..	2	1	..	
Combine	24	" ..	1	..	..	
Comet	20	Home trade ..	1	..	..	
Coronation	85	" ..	2	1	..	
Dandy	82	" ..	2	1	..	
Daphne	20	Restricted limits	1	..	..	
Deveron	26	Home trade ..	1	..	..	
Dominion	25	" ..	1	..	..	
Echo	98	" ..	2	1	..	
Edith	19	" ..	1	..	..	
Edna	22	" ..	1	..	..	
*Eliza Firth	143	" ..	4	..	..	
Esme	20	" ..	1	..	..	
Ethel Wells	19	Restricted limits	1	..	..	
Eunice	171	Home trade ..	4	..	..	
Falcon	98	" ..	2	1	..	
Gannet	25	" ..	1	..	..	
Gem	20	Restricted limits	1	..	..	
Haere	99	Home trade ..	2	1	..	
Herald	73	" ..	2	1	..	
Huia	20	Restricted limits	1	..	..	
Huon Belle	43	" ..	2	..	..	
Ida	25	Home trade ..	1	..	..	
Inez Dean	12	Restricted limits	1	..	..	
Irene	30	" ..	2	..	..	
Jane Gifford	20	Home trade ..	1	..	..	
Janet	22	Restricted limits	1	..	..	
Joseph Craig	694	Foreign trade ..	8	1	..	
Kapua	18	Home trade ..	1	..	..	
Kereru	106	Foreign trade ..	4	..	..	
Kiatia	20	Restricted limits	1	..	..	
Kiwi	19	" ..	1	..	..	
Kitty Fraser	25	" ..	1	..	..	
Korora	160	Home trade ..	4	..	..	
Lady of the Lake	19	Restricted limits	1	..	..	
Lena Gladys	24	" ..	1	..	..	
Lily	84	Home trade ..	2	1	..	
Lily	16	" ..	1	..	..	
Lizette	25	Restricted limits	1	..	..	
Lizzie Taylor	77	Home trade ..	2	1	..	
Louisa Craig	683	Intercolonial ..	8	1	..	
Maggie	20	Restricted limits	1	..	..	
Maid of Italy	15	" ..	1	..	..	
Manunui	358	Foreign trade ..	6	1	..	
Moa	99	Home trade ..	2	1	..	
Moehau	23	Restricted limits	1	..	..	
Moonah	83	Home trade ..	2	1	..	
*Morning Light	92	" ..	2	1	..	
Ngaru	66	" ..	2	1	..	
Nor'west	18	Restricted limits	1	..	..	
Oban	24	Home trade ..	1	..	..	
Onerahi	25	" ..	1	..	..	
Pahiki	20	Restricted limits	1	..	..	
Pearl Kasper	25	Home trade ..	1	..	..	
Ranger	64	" ..	2	1	..	
Rangi	86	" ..	2	1	..	
Result	23	" ..	1	..	..	
Rimu	49	Restricted limits	2	..	..	
Rona	618	Foreign trade ..	8	1	..	
Rosalie	7	Restricted limits	1	..	..	
Saucy Kate	25	" ..	1	..	..	
Scot	18	Home trade ..	1	..	..	
Seagull	25	" ..	1	..	..	
Stag	19	Restricted limits	1	..	..	
Stanley	90	" ..	2	1	..	
Sunderland	20	" ..	1	..	..	
Talisman	84	" ..	2	1	..	
Tally Ho	51	Home trade ..	2	..	..	
The Lee	19	Restricted limits	1	..	..	
The Portland	59	" ..	2	..	..	
Transit	19	Home trade ..	1	..	..	
Venture	19	" ..	1	..	..	
Vindex	23	" ..	1	..	..	
Violet	20	Restricted limits	1	..	..	
Waikonini	23	Home trade ..	1	..	..	
Welcome	62	" ..	2	1	..	
Winnie	19	Restricted limits	1	..	..	
Ysabel	149	Foreign trade ..	4	..	..	

* Surveyed twice.

LIST OF BOYS WHO HAVE SERVED ON TRAINING-SHIP "AMOKURA" DURING YEAR ENDED
31ST MARCH, 1915.

Name.	Date of Joining.	Date of Discharge.	Occupation taken up on Discharge.
Newton, F. J. W. ..	28/5/12	9/5/14	Joined s.s. "Arahura" as boy.
Went, O. L. ..	29/5/12	9/5/14	" " "Awahou" as boy.
Moore, W. ..	29/5/12	1/6/14	" " "Karori" as O.S.
Comeron, J. ..	29/5/12	12/5/14	" " "Flora" as O.S.
McFarlane, G. Mc. ..	29/5/12	11/5/14	" " "Tutanekai" as boy.
Hay, C. J. ..	12/6/12	26/5/14	" " "Alexander" as O.S.
Wickens, T. L. ..	20/11/12	16/9/14	" " "Mapourika" as O.S.
Bacon, W. S. ..	20/11/12	8/9/14	" " "Ngahero" as O.S.
Edwards, J. T. ..	22/11/12	11/9/14	" " "Karamu" as O.S.
Retter, F. H. ..	27/11/12	25/9/14	" " "Aparima" as apprentice.
Massey, L. J. ..	11/2/13	13/10/4	" " "Alexander" as O.S.
Robertson, A. B. ..	11/2/13	19/10/14	" " "Karamu" as O.S.
Hardley, C. F. S. ..	11/2/13	17/10/14	" " "Kittawa" as O.S.
Cadwallader, W. H. ..	13/2/13	25/9/14	" " "Aparima" as apprentice.
Hayward, R. D. ..	18/6/13	..	Still on board.
Leeder, L. R. ..	18/6/13	6/2/15	Joined s.s. "Hinemoa" as boy.
Sundgren, G. G. ..	18/6/13	..	Still on board.
Faulkner, S. H. ..	18/6/13	25/9/14	Joined s.s. "Aparima" as apprentice.
Weston, F. R. ..	18/6/13	9/3/15	" " "Paloona" as O.S.
Davis, N. ..	18/6/13	..	Still on board.
Bowater, N. E. ..	18/6/13	10/3/15	Joined s.s. "Ngatoro" as O.S.
Thorpe, H. M. ..	20/6/13	..	Still on board.
Leith, J. P. ..	23/6/13	..	" "
Jackson, L. R. ..	24/6/13	11/3/15	Joined s.s. "Victoria" as O.S.
Evans, J. ..	7/7/13	11/3/15	" " " " "
Reeves, F. ..	23/7/13	14/3/15	" " "Wimmera" as O.S.
Robertson, L. G. ..	14/11/13	..	Still on board.
Francis, B. C. ..	19/8/13	..	" "
Ingham, H. A. ..	9/9/13	..	" "
Thackwell, L. C. ..	23/10/13	..	" "
Chapman, F. G. ..	21/1/14	..	" "
Jespersen, V. A. ..	21/1/14	..	" "
Kime, G. H. ..	21/1/14	..	" "
Hayes, F. A. ..	21/1/14	..	" "
Horton, E. C. ..	26/1/14	..	" "
Strongman, C. D. ..	22/1/14	..	" "
Sewell, J. ..	21/1/14	..	" "
Redshaw, L. J. ..	22/1/14	..	" "
Hooker, A. B. ..	20/1/14	..	" "
Henry, J. W. ..	27/3/14	..	" "
Wolfe, J. H. ..	21/5/14	..	" "
Wilkins, A. F. ..	21/5/14	..	" "
Barlow, V. A. H. ..	21/5/14	..	" "
Shortland, F. E. P. ..	21/5/14	23/12/14	Deserted and purchased discharge.
Ramsay, A. McK. ..	21/5/14	..	Still on board.
McLachlan, E. R. ..	21/5/14	4/3/15	Dismissed.
Hancox, J. C. ..	21/5/14	..	Still on board.
Hards, L. G. ..	21/5/14	..	" "
Johnston, F. D. ..	21/5/14	..	" "
Murrell, H. A. C. ..	21/5/14	..	" "
Gee, G. S. ..	21/5/14	..	" "
Grant, A. J. ..	21/5/14	10/8/14	Purchased discharge.
Stubbs, W. ..	29/5/14	..	Still on board.
Wilcox, A. W. H. ..	27/5/14	..	" "
Collins, W. C. ..	9/6/14	..	" "
McGrath, L. J. ..	9/6/14	..	" "
White, L. O. ..	21/6/14	..	" "
Sussex, V. ..	30/6/14	..	" "
Stalker, L. ..	31/7/14	..	" "
Jenkins, J. S. ..	3/8/14	..	" "
Heaphy, J. ..	14/8/14	..	" "
Joyce, F. ..	14/8/14	21/8/14	Purchased discharge.
Halliday, F. S. ..	24/8/14	..	Still on board.
Williams, J. G. F. ..	3/9/14	..	" "
Kerr, G. D. ..	4/9/14	..	" "
Morris, W. A. ..	17/9/14	..	" "
Cruller, W. L. H. ..	12/10/14	..	" "
Body, G. A. V. ..	28/10/14	..	" "
Neall, F. C. ..	26/1/15	..	" "
McArthur, M. M. ..	26/1/15	..	" "
Edwards, K. A. ..	26/1/15	..	" "
Roberts, W. D. ..	26/1/15	..	" "
Ovenden, S. E. ..	26/1/15	..	" "
Smith, J. A. ..	26/1/15	..	" "
Milne, D. V. ..	26/1/15	..	" "
Haydock, A. E. J. ..	26/1/15	..	" "
Charman, F. V. H. ..	26/1/15	..	" "
Herivel, H. ..	26/1/15	..	" "
Hoare, D. O'B. ..	26/1/15	..	" "
Angus, S. C. J. ..	26/1/15	..	" "
Lundon, R. J. ..	27/1/15	..	" "
Stanlake, R. B. ..	20/1/15	..	" "
Leeves, L. W. ..	20/1/15	..	" "
Murrell, I. R. ..	26/1/15	..	" "
Laing, P. C. ..	17/2/15	..	" "
Sollitt, N. H. ..	5/3/15	..	" "

RETURN OF ESTATES OF DECEASED SEAMEN RECEIVED AND ADMINISTERED IN PURSUANCE OF
THE PROVISIONS OF THE SHIPPING AND SEAMEN ACT, 1908, DURING THE YEAR ENDED
31ST MARCH, 1915.

Name of Seaman.	Balance to Credit of the Estate on 31st March, 1914.	Amount received.	Amount paid.	Balance to Credit of the Estate on 31st March, 1915.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Robert Collins	1 5 8	..	1 5 8	..
James Swinton	..	10 2 9	10 2 9	..
H. L. Halversen	2 14 4	0 18 6	3 12 10	..
Benjamin Johansen	..	25 5 10	25 5 10	..
John Winters	..	4 5 0	..	4 5 0
William Tyrell	..	9 15 11	9 15 11	..
Thomas Black	..	7 1 7	..	7 1 7
Andreas Knudsen	..	10 14 11	10 14 11	..
C. Bam	..	0 8 10	0 8 10	..
John West	..	1 17 4	..	1 17 4
H. Nathan	..	7 0 0	7 0 0	..
Andrew Erskine	..	1 13 3	1 13 3	..
A. Norgrove	..	9 14 6	9 14 6	..
Robert Wassell	..	0 7 6	..	0 7 6
John McDonald	..	48 15 7	48 15 7	..
Philip James Kunst	..	5 2 8	5 2 8	..
Edward Espada	..	8 14 10	6 0 0	2 14 10
Bryan Whishaw	..	15 9 0	15 9 0	..
James Butler	..	15 14 7	15 14 7	..
D. McIntyre	..	14 14 8	14 14 8	..
George Laurenson	..	24 11 3	0 2 6	24 8 9
E. Knudson	..	1 8 0	..	1 8 0
A. Smith	..	7 17 11	..	7 17 11
E. Hedges	..	7 7 8	..	7 7 8
W. Hollis	..	12 18 10	7 16 8	5 2 2
F. Johnson	..	1 15 8	..	1 15 8
C. Johnson	..	5 4 0	..	5 4 0
W. Arnold	..	19 18 8	..	19 18 8
W. H. Gittos	..	15 3 4	..	15 3 4
T. R. Noble	..	13 9 11	..	13 9 11
W. Garratt	..	8 13 4	..	8 13 4
F. Hyphus	..	8 13 4	..	8 13 4
A. Taylor	..	10 0 4	..	10 0 4
J. Collingwood	..	9 10 8	9 10 8	..
James Anderson	..	16 5 0	16 5 0	..
W. Garratt, jun.	..	4 6 8	..	4 6 8
Mary Brew	..	2 2 7	2 2 7	..
Patrick Connor	..	0 16 11	..	0 16 11
W. L. Leers	..	22 5 6	22 5 6	..
D. Matheson	..	17 3 6	..	17 3 6
P. O'Brien	..	104 14 5	104 14 5	..
R. Powell	..	10 3 11	..	10 3 11
James Johnston	..	8 16 4	..	8 16 4
Totals	4 0 0	531 5 0	348 8 4	186 16 8

RETURN SHOWING AMOUNTS RECEIVED PRIOR TO 1ST APRIL, 1914, STANDING TO CREDIT OF
ESTATES OF DECEASED SEAMEN, AND FOR WHICH CLAIMS HAVE NOT BEEN PROVED.

	£ s. d.		£ s. d.
Annis, S., late fireman, "Duco"	0 10 8	Mason, E., "Maori"	1 11 6
Barnes, G., late trimmer, "Penguin"	4 1 8	Matsen, L. M., late A.B., "Huia"	4 10 8
Benjamin, W., late A.B., "Waiotahi"	5 6 3	Mays, J. J., late A.B., "Ngaru"	4 19 6
Blanquist, O., late A.B., "Aotea"	1 18 2	Menard, A. L., late chief engineer, "Duco"	1 8 0
Brown, J., late fireman, "Hinemoa"	10 12 1	Mercer, J., late cook, "Jessie Nicol"	1 4 6
Bullen, A., late fireman, "Paeroa"	11 5 2	Millott, L. C., late O.S., "Maroro"	1 6 6
Cameron, A., late O.S., "Duco"	0 9 4	Muller, J., late fireman, "Arahura"	26 15 0
Clarke, F., late O.S., "Flora"	0 10 0	Murdoch, W., late A.B., "Duco"	0 9 4
Collins, C., late steward, "Waitomo"	2 7 1	Mutton, J. W., late fireman, "Duco"	0 10 8
Dahlborg, J., late A.B., "Duco"	0 13 4	Mackay, W., late A.B., "Duco"	0 9 4
Denholm, J. S., late fireman, "Pukaki"	6 18 3	Parry, R., late A.B., "Koromiko"	1 15 6
Forman, J., late A.B., "Waitemata"	3 4 5	Payne, H., late A.B., "Kini"	70 7 11
Gale, E., late A.B., "Penguin"	5 4 9	Porter, J., late cook, "Duco"	2 11 2
Glancy, W., late A.B., "Titania"	2 9 2	Roberts, C., late O.S., "Morning Light"	3 4 11
Grimshaw, J., late A.B., "Ngatoro"	4 10 11	Ross, A. L., late A.B., "Fanny"	41 2 6
Hansen, C., late A.B., "Duco"	0 9 4	Sluice, G., late cook, "Kuro"	0 7 6
Henderson, S., late greaser, "Waipori"	11 19 0	Tall, J., late A.B., "Aore"	7 11 6
Holmgard, P., late A.B., "Duco"	0 9 4	Tronson, A., late mate, "Rangi"	6 8 7
Kennedy, D., late A.B., "Kini"	5 16 9	Wadsworth, S., late A.B., "Eva"	2 15 4
Kennedy, W., late A.B., "Moa"	1 3 2	Ward, J., late fireman, "Penguin"	7 18 7
Lewis, R., late cook, "Clyde"	0 16 0	Waters, J. H., late second engineer, "Duco"	0 13 0
Lewis, A. P., late engineer, "Pioneer"	18 8 3	Williams, C., late second mate, "Duco"	0 12 0
Lindbloom, G. W., late A.B., "Wanderer"	2 10 10	Williams, T. B., late cook, "Opouri"	2 5 8
Lindsay, J., late A.B., "Wanderer"	1 0 8	Yviquel, J., late A.B., "Eliza Firth"	0 0 6

RETURN OF WRECKS AND CASUALTIES TO SHIPPING REPORTED TO THE MARINE DEPARTMENT FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Date of Casualty	Vessel's Name, Age, and Class.	Rig.	Number of		Nature of		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
			Registered Tonnage	Passengers.	Cargo.	Casualty.			Direction.	Force.		
1914. April 13	Pilot, s.s., 30 years	Sloop ..	27	3	..	Collision ..	..	Off Lowry Bay, Wellington Harbour	N.W.	Moderate	The primary cause of the collision was the failure of the master of the "Atalanta" to keep a proper lookout, but the captain of the "Pilot" committed an error of judgment in not taking some steps to avoid a collision. The master of the "Atalanta" to pay assessor's fee £3 3s., otherwise each party to pay his own costs.	J. Jones.
"	Atalanta, 20 years	Yacht ..	8	5	..	Collision ..	..	At wharf, Nelson	..	..	Fire was discovered in saloon and galley, but cause could not be ascertained	..
"	Wairoa, s.s., 30 years	Cutter ..	48	8	General	Fire; partial loss	..	Wellington Harbour	N.W.	Light ..	When leaving Queen's Wharf, Wellington, the tail-shaft broke.	F. P. Ricketts.
"	Wootton, s.s., 14 years	Ketch ..	90	10	Nil	Broken shaft	..	Waimakariri Bar	N.E.	Moderate	Stranded through insufficiency of water on bar, but after landing a quantity of cargo she was hove off	S. Larsen.
"	Kairaki, s.s., 5 years	Schooner	181	15	Timber	Stranded; no damage	..	Mangawai Bar	N.E.	Strong..	When crossing bar she touched the ground, causing slight leakage	W. G. Scott.
"	Kawan, s.s., 15 years	Ketch ..	53	9	General	Stranded; trifling damage	..	Akaroa Harbour	..	Calm ..	Vessel was in charge of A. J. Murray, mate, with A.B. at wheel, when captain instructed mate to go to tea. The A.B., thinking that he was instructed also, left the bridge, assuming the master would take the wheel, and the vessel was left with no one in charge. Shortly after, finding she was heading ashore, the A.B. ran to the wheel, and the master, taking charge, manoeuvred her off, but in doing so the propeller struck a rock and stripped three blades	E. Olsen.
"	Cygnets, s.s., 29 years	Schooner	66	11	General	Stripped propeller	..	..	..	..	When at Napier the coal in the port bunker was found to be heated, and the vessel proceeded to Gisborne where the fire was extinguished with assistance of the fire-boat "John Townley."	A. J. Murray.
May, 1	Tokomaru, s.s., 21 years	Schooner	3,912	60	General	Fire in coal bunker; 306 bales wool damaged	..	Napier and Gisborne..	S.E.	Light ..	Engines were not working properly, and it was found that the stern bush had fired and damaged the tail-shaft	V. J. H. Bosdet.
"	John, s.s., 15 years	Schooner	111	13	General	Accident to machinery; trifling	..	Otago Harbour	S.W.	Light ..	Struck the buoy off Brown's Island with star-board paddle-wheel	S. Holm.
"	Wakaterere, p.s., 18 years	..	176	32	..	Damaged paddle	..	Off Brown's Island, Auckland	Calm	..	Strong wind caused vessel to bump into wharf and injure hawse-pipe	Wm. Sullivan.
"	Karamu, s.s., 2 years	Schooner	453	22	Coal	Struck wharf; trifling damage	..	Lyttelton	S.	Strong..	Vessel's engine and shafts had been removed and stern tube was not properly plugged up, with result that vessel filled and sank	C. Roberts.
"	Maheno, o.e.v., 9 years	Launch	24	..	..	Sank at wharf; trifling damage	..	Rattray Street Wharf, Dunedin	Calm	..	Fire broke out in tow cargo; cause unknown; cargo slightly damaged	..
"	Torea, o.e.v., 2 years	Schooner	24	5	Maize, chaff, &c.	Fire; no damage	..	Kaituna River	Calm	..	..	F. W. Morris.

May 31	Kairaki, s.s., 5 years	F. & A.	181	16	..	General	Deck steam-pipes carried away	..	18 miles N.N.E. of Cape Campbell	N.W.	Gale ..	Heavy sea carried away deck forward steam-pipes; water got through holes in deck and damaged some of the cargo	W. G. Scott.
June 3	May, o.e.v. ..	Cutter	2	2	..	..	Stranded; total loss	..	Ohiwa Bay	N.W.	Gale ..	When being taken from Whangarei to Auckland for repairs, the boat was caught in a gale and stranded at Ohiwa Bar, Great Barrier Island; a total wreck	G. Bartlett.
" 11	Pohrua, s.s., 24 years	Schooner	749	22	..	General	Fire; £20 ..	..	Birch Street Wharf, Dunedin	N.	Moderate	Fire broke out in steering-house, which was used as lamp-room. Some lamps destroyed and woodwork charred; cause of outbreak unknown	B. B. Irwin.
" 18	Hauti, s.s., 3 years	F. & A.	82	12	15	General	Collision; £20	..	King's Wharf, Auckland	N.W.	Light	"Hauti" was going to berth, and "Glenelg" was taking a vessel in tow. Master of "Hauti" mistook "Glenelg's" lights for lights on wharf, and vessels collided before "Hauti" could be stopped	J. McKenzie.
" 18	Glenelg, s.s., 36 years	Schooner	156	12	..	..	Collision; £80	..	Grey mouth	..	..	When loading coal a truck of coal fell, smashing a boat, boat-deck, gangway, and part of rail	A. Jonas.
" 20	Katuna, s.s., 10 years	Schooner	1,246	27	..	Coal ..	Truck of coal fell on deck; trifling damage	..	..	..	..		J. Morley.
" 21	Joseph Craig, 36 years	Barque	694	16	..	General	Stranded; slight damage	..	Rough Boek, Rangitoto Channel, Auckland	S.W.	Squally	The master acted unwisely in attempting to enter the port at night under the conditions as they existed. The stranding was due entirely to a sudden rain-squall which obscured the lights in the channel for some time, and the master did all that was possible under the circumstances to ensure the safety of the ship	G. W. Airy.
" 21	Clara, o.e.v., 9 years	Cutter ..	4	4	..	..	Fire; total loss	..	Owhanaki Bay, Waheke Island, Auckland	..	..	The vessel was totally destroyed by an explosion of benzene, and subsequent fire. The owner has been charged with wilfully causing the fire	H. Christian.
" 23	Kauri, s.s., 9 years	Schooner	1,830	31	..	General	Stranded; £3,000 damage	..	Westport ..	W. to S.W.	Gale ..	The "Kauri" was driven on to the eastern wall at the entrance of the harbour through being struck by a sudden squall while running in a current setting from W. to E. The accident was not due to any neglect, default, or error of judgment on the part of the master	G. M. Buxton.
" 23	Ihumata, s.s., 3 years	Schooner	680	23	..	Timber	Stranded; damage £2,500	..	Hokianga Bar	S.W.	Moderate	A heavy sea had been running on the bar and had evidently caused the channel to silt up, and the vessel struck when proceeding outward. Her bottom was dented and frames bent	R. Matheson.
" 24	Clansman, s.s., 20 years	Schooner	379	26	20	General	Collision; no damage	..	Auckland Harbour ..	W. by N.	Light	The collision was due to the neglect of the second officer of the "Clansman" to keep a sharp lookout. The master was lax in not seeing that a sufficient and sharp lookout was being kept. The master was ordered to pay three-fourths of the cost of the inquiry, £35 11s. 9d., and the second officer the remaining fourth, £11 17s. 3d. On a rehearing of the case in the Supreme Court the order requiring the master to pay portion of the costs was annulled, and the second officer was required to pay £10	E. McLeod.
" 24	Pahiki, scow, 9 years	Schooner	20	3	..	Shingle	Collision; £420 damage	..	..	..	..		E. D. Christian-sen.

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

Date of Casualty.	Vessel's Name, Age, and Class.	Reg. Tonnage	Number of		Nature of		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
			Crew.	Passengers.	Cargo.	Casualty.			Direction.	Force.		
1914. June 27	Oban, 17 years	Schooner	24	3	Coal	Fire; main-sail burnt and boom charred	..	Nydia Bay	..	..	Galley caught on fire and mainsail above galley was burnt and boom charred	G. Lang.
July 17	Tarawera, s.s., 32 years	Schooner	1,269	63	..	Fire; trifling damage	..	Queen's Wharf, Auckland	..	..	Fire in saloon was caused by the action of one of two stewards who came on board, unknown to the officers, under the influence of liquor and went to sleep in one of the state-rooms	H. W. Parsons.
" 19	Kawau, s.s., 23 years	Schooner	37	3	..	Accident to machinery; trifling	..	Auckland Harbour	S.W.	Light	Valve-spindle of the crosshead broke	J. Sullivan.
" 28	Kestrel, s.s., 9 years	Ferry-boat	159	4	..	Collision with punt; trifling damage	..	Queen Street Wharf, Auckland	S.E.	Light	The "Kestrel" collided with a mooring-punt in a dense fog	C. Daniel.
Aug. 2	Kotare, s.s., 10 years	Ketch	10	10	General	Stranded; trifling accident	..	Catlin's River	S.W.	Strong	When entering the river the vessel was caught by the tide and wind and grounded on a sandbank, being refloated next day	H. J. Treurn.
" 2	Tahu, o.e.v., 5 years	Launch	4	2	..	Collision; damaged £30	..	Off Orakei Wharf, Auckland Harbour 18 miles N.E. of Cape Palliser	W.S.W.	Moderate	The "Mistletoe" was entirely to blame for the collision in attempting to cross ahead of the "Tahu," and her master was ordered to pay £5 towards the cost of the inquiry	Rikurangi Paul Tuinga.
" 2	Mistletoe, aux., 14 years	Cutter	4	1	Fish	Collision; damaged £15	..		N.W.	Moderate	Fire occurred amongst some bundles of pressed hay in No. 2 hold, and was extinguished with some difficulty, the cargo being damaged to extent of £1,900	A. M. Bishop.
" 3	Wanaka, s.s., 27 years	Schooner	1,572	29	General	Fire; no damage to ship	..		..	..	When crossing the Hokiang Bar in tow of the "Ohinemuri" a squall struck the vessel, the towline parted, and the vessel drifted ashore. The Court found that the master committed an error of judgment in attempting to return to port instead of dropping his anchors, and he was ordered to pay the costs of the inquiry, £32 5s. 6d.	J. Flynn.
" 7	Joseph Craig, 36 years	Barque	694	17	Timber	Stranded; total loss	..	Hokianga Heads	S.	Moderate	When crossing the Hokiang Bar in tow of the "Ohinemuri" a squall struck the vessel, the towline parted, and the vessel drifted ashore. The Court found that the master committed an error of judgment in attempting to return to port instead of dropping his anchors, and he was ordered to pay the costs of the inquiry, £32 5s. 6d.	G. W. Airly.
" 9	May Howard	Auxiliary schooner	55	5	General	Damaged rigging, £15	..	Off Hokianga Bar	N.W.	Gale	N.W. causing the main boom to break and carrying away part of the head-gear	F. G. Kemp.
" 18	Flora, s.s.	Schooner	818	28	General	Collision with wharf; trifling damage	..	Dunedin	N.E.	Gale	When hauling away from the wharf, a heavy squall caused her to bump against a pile and slightly damaged a plate	F. W. Baron.
" 31	Dandy, 13 years	Schooner	82	6	General	Stranded; damaged, £75	..	Waipapa, Bay of Islands	S.W.	Light	When discharging cargo the vessel grounded on a sunken log and carried away the dead-wood	J. Silveria.
Sept. 8	Kaipara, s.s.	..	not regis.	2	..	Crown of furnace collapsed, damage, £300	..	Omana, Kaipara	..	..	Crown of furnace came down through insufficiency of water in boiler	H. Lowther.
" 10	Kawau, s.s.	Schooner	4	4	..	Stranded; trifling damage	..	Reef near Kohimarama Wharf, Auckland Harbour	..	Calm	Vessel struck reef in a fog at low water, but floated off on the rising tide	A. Beehre.

Sept. 11	Endeavour, aux., 10 years	Schooner	54	5	..	Oil	Fire; £150 damage	1	Rangitoto Channel ..	S.	Light ..	When filling the oil-tank with naphthalene the oil took fire by some means unknown, and the vessel's cabin was badly burnt. The engineer who was filling the tank was severely burnt, and succumbed to his injuries when coming to berth the vessel bumped into the Ferry Wharf, the Wool Jetty, and the hulk "Gertie," through the engines being run ahead instead of astern	A. E. Ragg.
" 16	Cobar, s.s., 11 years	Ferry-boat	69	5	21	..	Collision with wharf	..	Ferry Wharf, Wellington	N.	F.B.	When coming to berth the vessel bumped into the Ferry Wharf, the Wool Jetty, and the hulk "Gertie," through the engines being run ahead instead of astern	A. Durlow.
" 16	Waimarie s.s., ..	Schooner	159	17	12	General	Loss of propeller	..	Waihou River	..	Calm	Owing to the nut having worn loose the propeller dropped off the shaft	J. Freeman.
" 22	Fairburn, aux., 8 years	Schooner	60	6	..	General	Stranded; slight damage	..	Opotiki Bar	E.N.E.	Light	When crossing the bar the ebb tide caused the vessel to run into the western bank. She was afterwards refloated.	C. Thomsen.
" 23	Kereru, 8 years	Ketch ..	106	9	6	General	General damage, £40	..	Lat. 28° 56' S., long. 178° 22' W.	N.E.	Moderate gale	When running before the gale the vessel pooped a sea which broke the rail and stanchions, &c.	R. N. Anderson.
" 26	Anglo Norman 38 years (Norwegian)	Barque	762	12	..	..	Stranded; total loss	..	Kaipara ..	S.W.	Light but squally	When crossing the bar the vessel was struck by a squall, and the strong current and heavy sea caused her to drift ashore	H. Jeremiassen.
" 26	Kairaki s.s., 5 years	Schooner	181	16	1	General	Foundered; total loss	17	Off Point Elizabeth, West Coast	W.	Storm	The "Kairaki" foundered in a storm off Point Elizabeth on the night of the 25th or morning of the 26th November, 1914, while on a voyage from Wellington to Greymouth with a light cargo	W. G. Scott.
" 29	Arrimo, s.s., 8 years	Schooner	2,843	47	..	Timber	Collision with wharf; trifling damage	..	Wharf, Dunedin	S.	Strong	When berthing at the Rattray Street Wharf the vessel bumped her stern into it and dented some plates	F. Dent.
Oct., 2	Waterlily, aux., 50 years	Ketch ..	29	4	..	Timber	Dis masted; £50 damage	..	Saddle Point, Stewart Island	W.S.W.	F.B.	Mainsail carried away	J. R. Eadie.
" 6	Kini, s.s., 16 years	Schooner	702	22	..	Ballast	Broken shaft	..	Off Cape Turnagain ..	W.	Gale	During a westerly gale the tail-shaft broke ..	A. R. Stewart.
" 10	Mangapapa, s.s., 12 years	Schooner	11	4	..	Timber	Stranded; £4,600	..	Bar, Karamea River..	N.	Strong	The stranding was caused by the sudden silting-up of the bar two or three days before the casualty. The casualty was not due to any wrongful act on the part of the master, who did everything possible after the casualty for the safety of the passengers and crew	A. J. Tointon.
" 29	Mana, 28 years	Schooner	77	10	..	Cement	Stranded; slight damage	..	Patea Bar ..	W.	F.B.	Vessel touched ground when crossing bar and lost way, and had to be run ashore to save damage	V. Johansen.
Nov. 1 1913.	Canada Cape, s.s., 10 years	Schooner	2,801	37	..	Coal and timber	Accident to machinery; trifling	..	..	..	Moderate	Pump-crosshead broke ..	A. B. Friend.
Nov. 6	Iris, o.e.v., new	Cutter	4	4	..	Fish ..	Unknown; total loss	4	Between Bluff and Ruapuke Island	E.	Gale	The "Iris" was last seen at Caroline Bay, Ruapuke Island, on 5th November. She is supposed to have capsized when making for Bluff on 6th November, some oars and fittings belonging to her having been found	A. Lightfoot.
1914.	Koutunui ..	Schooner	98	11	..	General	Stranded; damage, £550	..	Orote Point, Bay of Plenty	..	Calm	The cause of the casualty was the failure of the captain to take any steps to accurately define the ship's position when he took charge from the mate, whose information as to the position was incorrect. The captain was ordered to pay £8 16s. 6d. towards cost of inquiry	Ivan Vasta.

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

Date of Casualty.	Vessel's Name, Age, and Class.	Rig.	Number of		Nature of		Number of Lives lost.	Place where Casualty occurred.	Wind.		Finding of Court of Inquiry.	Name of Master.
			Crew.	Passengers.	Cargo.	Casualty.			Dirac-tion.	Force.		
1914												
Nov. 12	Rosetia, 21 years, aux.	Schooner	9	3	Fish ..	Stranded; total loss	..	Caroline Bay, Ruapuke Island	W.	Gale ..	Vessel was at anchor when the cable parted and she drifted ashore	W. B. Bailey.
" 17	Rakura, 36 years	Schooner	81	9	Coal ..	Leaky boiler; slight damage	..	Puaponga Harbour	S.W.	Light ..	When preparing for sea the boiler was found to be leaking. Temporary repairs were effected and the vessel proceeded	H. A. Anderson
" 18	Warimoo, 22 years	Schooner	2,076	80	General	Stranded; no damage	..	Bluff Harbour	W.S.W.	Gale ..	When being swung from wharf the hawser parted and the vessel grounded on a sand-bank. She was towed off when the gale moderated	F. W. Macbeth.
" 22	Lakura, 36 years	Schooner	81	9	Ballast..	Struck buoy and stripped propeller	..	Wellington Heads	N.W.	Strong	When entering Wellington Heads vessel struck buoy off Steeple Rocks. Accident due to searchlight from Seatoun dazzling captain's sight	H. A. Anderson
" 26	Taviuni, s.s., 24 years	Schooner	974	32	General	Damage to machinery, £20	..	Bay of Plenty	W.	Fresh ..	A split iron nut fell into the casings and worked in on top of one of the pistons	J. Morrison.
" 28	Kahu, s.s., 29 years	Schooner	99	..	General	Loss of life ..	3	Te Awaite ..	..	..	When bringing bales of wool from store the surf-boat was swamped by a big sea, and W. L. Leers, mate, D. Matheson, A.B., and P. O'Brien, A.B., were drowned. Coroner's verdict: "Accidentally drowned."	E. J. Grey.
Dec., 8	Clyde, p.s., 14 years	..	80	6	General	Stranded; slight damage	..	Upper Landing, Bal-clutha	S.W.	Gale ..	The vessel sank at her moorings alongside the bank of the river, probably through bumping and starting a plate	J. Butler.
" 11	Kauri, s.s., 9 years	Schooner	1,825	32	Ballast	Fire; no damage to ship	..	Wellington Harbour ..	..	..	The coal in the port bunker was found to be on fire, and is supposed to have been caused by spontaneous combustion	H. S. Whyburn
" 16	Katie S., 6 years	Ketch ..	20	3	..	Collision; damage, £160	..	Near Ponui Lighthouse, Hauraki Gulf	S.W.	Light	The casualty was caused by the second mate, Neil McArthur, who was in charge of the "Wakare," misjudging the distance and position of the "Katie S.," and subsequently committing breaches of the regulations for preventing collisions at sea. He was ordered to pay £10 10s. towards cost of inquiry	N. Matheson.
" 16	Wakare, s.s., 18 years	Schooner	32	40	General	No damage ..	..	Alongside Terakohe Wharf	..	..	When coming alongside wharf, the engineer put the engines ahead instead of astern as telegraphed, and the vessel ran ashore	W. Sullivan.
" 21	Hina, s.s., 53 years	Cutter ..	39	7	General	Stranded; slight damage	..	Whakatane Bar	..	Calm ..	When towing in a narrow part of the channel the tide carried the vessel against a rock, and she filled and sank	A. S. Gibson.
1915.	Kaiaia, o.e.v., aux., 5 years	Ketch ..	24	3	Timber	Stranded; damage, £40	..	Portobello Wharf, Otago Harbour	S.W.	Moderate	Whilst lying at the wharf the vessel was discovered to be on fire. It is surmised that a lighted match may have been accidentally dropped amongst the lifebelts by some person smoking.	J. McLennan.
Feb. 1	Waikana, s.s., 5 years	Yacht ..	67	5	..	Fire; damage, £150	..	Thames Estuary, Auckland	W.	F.B. ..	The ship left Auckland for Monte Video in ballast, but owing, it is said, to faulty compasses, she headed up the Firth of Thames and grounded there, being subsequently towed off.	D. Hanning.
" 4	Eurasia, 30 years (Italian)	Ship ..	1,242	..	Ballast..	Stranded; no damage	..	Thames Estuary, Auckland	W.	F.B. ..		F. Olivari.

Feb. 6	Wairoa, s.s., 30 years	Schooner	48	8	..	General	Fire; no damage	..	Railway Wharf, Nelson	..	..	Fire was discovered in hold, but was extinguished without damage to vessel	F. P. Ricketts.
" 8	Blenheim, s.s., 10 years	Schooner	85	15	..	General	Stranded; trifling damage	..	Wairau Bar	N.W.	F.B.	Was struck by a sea on starboard quarters and prevented from coming round in time to clear the spit	S. T. Brown.
" 13	Hapai, s.s., 6 years	Dredge	364	11	..	..	Collision with hulk; no damage	..	Half a mile off Queen's Wharf, Auckland	S.W.	Light	The dredge was proceeding up the harbour when she collided with a hulk which was in tow of a tug. The accident was due to the strong tide causing the master of the dredge to mistake his distance	S. Cochrane.
" 16	Puran, s.s., 12 years	Ferry-boat	33	3	..	..	Disastered; £10	..	Lyttelton Harbour	N.W.	Calm	When coming alongside the hulk "Darra" to coal, the engines were put ahead instead of astern, and the mast of the "Puran" came in contact with a mooring-rope and was carried away	Geo. Nelson.
" 18	Defender, s.s., 14 years	Schooner	109	12	..	..	Leak in boiler	..	Near Stephen's Island	W.	Strong	The boiler developed a leak, and the vessel was towed to smooth water, where temporary repairs were effected	J. Jameson.
" 19	Koromiko, s.s., 8 years	Schooner	1,541	33	..	..	Collision with wharves; damage, £300	..	Railway and Glasgow Wharves, Wellington	S.	F.B.	When leaving the Railway Wharf the vessel got out of control owing to the strong wind, and bumped into the Glasgow and Railway wharves	J. Morley.
" 29	Arapawa, s.s., 8 years	Schooner	291	14	2	General	Stranded; trifling damage	..	Waitara Harbour	S.W.	Light	When leaving the harbour the vessel struck the concrete harbour-wall through smelling the ground, and therefore steering badly	E. J. Keatly.
" 20	Holmdale, s.s., 13 years	Schooner	192	12	..	Timber	Fire; trifling damage	..	Off Albatross Point, West Coast	W.	Light	The funnel became overheated and scorched the lining of the cabin, &c.	G. W. Airly.
" 26	Kini, s.s., 16 years	Schooner	702	22	..	Coal	Loss of life	1	Off Westport	..	..	An A.B. named James Johnston fell from aloft and sustained fatal injuries. Verdict: "Accidentally killed"	H. Platts.
" 26	Kwinana, s.s., 23 years	Schooner	2,130	44	..	Timber	Stranded; no damage	..	Otago Harbour	E.	Gale	When proceeding up the harbour the force of the wind caused the vessel to take a sheer to starboard, and she grounded in soft mud on the side of the channel. She was hauled off by the tug	F. D. Lewis.
" 26	Wairau, s.s., 14 years	Ketch	59	9	..	General	Broken mast, £20	..	Opawa River, Blenheim	..	..	When coming down the river the vessel touched bottom and sheered inshore, and the mast, catching in a tree, was broken off	W. Deiley.
" 27	Ruru, s.s., 13 years	Schooner	14	3	4	Nil	Collision; no damage	..	..	N.	..	S.S. "Buru" ran into launch "Karoro" whilst lying at her moorings	J. Sullivan.
" 27	Karoro, o.e.v., 9 years	Yacht	10	..	..	..	Side stove in and boatsunk; damage, £225	..	Devonport, Auckland	N.	..	Vessel touched on end of Farewell Spit, but no damage resulted	W. McKinnon.
Mar. 12	Storm, s.s., 11 years	Schooner	186	15	..	General	Stranded; no damage	..	Farewell Spit	Calm	..	Fire discovered in bunker-hold. Supposedly due to spontaneous combustion	T. Moffatt.
" 14	Tanui, s.s., 6½ years	Schooner	6,297	124	..	General	Fire in bunker; slight damage	..	Lyttelton	N.	Light	"Chio" was lying at anchor near Orakei Wharf when "Endeavour" ran into her through not seeing her anchor-light owing to misty weather	A. E. Ragg.
" 22	Endeavour, o.e.v., 11 years	Schooner	54	5	..	Ballast	Collision; slight damage	..	..	N.E.	Squally	Leak attributed to vessel bumping against wharf when leaving the berth	J. R. Vieira.
" 22	Chio, 44 years..	Ketch	81	4	..	Coke	£10..	..	Orakei Wharf, Waitemata Harbour	N.W.	Fresh	Vessel stranded when entering Waitara, as not enough water on bar	A. E. Burt.
" 30	Huia, s.s., 36 years	Schooner	69	10	..	General	Leak	..	Wellington Wharf	N.W.	..	..	W. B. Robertson.
" 31	Mahoe, o.e.v., ½ year	Cutter	14	3	..	Wool	Stranded; rudder-head twisting	..	Waitara Bar	S.W.	Moderate	..	..

SUMMARY OF CASUALTIES TO SHIPPING REPORTED TO THE MARINE DEPARTMENT DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Nature of Casualty	Casualties on or near the Coasts of the Dominion.										Casualties outside the Dominion.										Total Number of Casualties reported.	
	Steamers.					Sailing-vessels.					Steamers.					Sailing-vessels.					No. of Vessels.	Tonnage.
	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.
Strandings—																						
Total wrecks	3	98	..	2	1,456	..	5	1,554	..	..	..	..	..	..	..	..	..	..	..	..	5	1,554
Partial loss	1	1,830	..	..	..	..	1	1,830	..	..	..	..	..	..	..	..	..	..	..	..	1	1,830
Slight damage	12	1,805	..	2	776	..	14	2,081	..	..	..	..	..	..	..	..	..	..	..	..	14	2,081
No damage	4	4,573	..	1	1,242	..	5	5,815	..	..	..	..	..	..	..	..	..	..	..	..	5	5,815
Total strandings	20	7,906	..	5	3,474	..	25	11,280	..	..	..	..	..	..	..	..	..	..	..	..	25	11,280
Foundered: Total loss	2	185	21	..	..	..	2	185	21	..	..	..	..	..	..	..	..	..	..	..	2	185
Collisions—																						
Partial loss	..	..	..	1	20	..	1	20	..	..	..	..	..	..	..	..	..	..	..	..	1	20
Slight damage	15	6,557	..	3	102	..	18	6,666	..	..	..	..	..	..	..	..	..	..	..	..	18	6,666
No damage	4	802	..	..	..	..	4	802	..	..	..	..	..	..	..	..	..	..	..	..	4	802
Total collisions..	19	7,359	..	4	129	..	23	7,488	..	..	..	..	..	..	..	..	..	..	..	..	23	7,488
Fires—																						
Total loss	1	4	..	..	..	..	1	4	..	..	..	..	..	..	..	..	..	..	..	..	1	4
Partial loss	2	115	..	..	..	..	2	115	..	..	..	..	..	..	..	..	..	..	..	..	2	115
Slight damage	5	8,566	1	1	24	..	6	8,590	1	..	..	..	..	..	..	..	..	..	..	..	6	8,590
No damage	5	7,381	..	..	..	..	5	7,381	..	..	..	..	..	..	..	..	..	..	..	..	5	7,381
Total fires	13	16,066	1	1	24	..	14	16,090	1	..	..	..	..	..	..	..	..	..	..	..	14	16,090
Miscellaneous, including damage by heavy seas to hull and cargo, loss of masts, sails, &c., and breakdown of machinery	22	4,628	..	..	..	..	22	4,628	..	..	1	2,801	..	..	3	4,408	..	..	..	..	25	9,036
Total number of casualties reported	76	36,044	22	10	3,627	..	86	39,671	22	..	1	2,801	..	..	2	1,607	..	..	..	..	89	44,079

RETURN OF ACCIDENTS TO SEAMEN AND OTHERS ON BOARD SHIP REPORTED TO THE MARINE DEPARTMENT DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Date of Accident.	Name of Vessel, Port of Registry, and Official Number.	Name of Person Injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1914.					
Jan. 2	Mauganui, Dunedin, 127810	P. Goodman, A.S. ..	Crushed finger	At sea ..	Caused by blow from hammer while opening fruit-case.
" 12	Kurov, Dunedin, 127804	R. McLeod, A.B. ..	Strained ankle	Westport ..	Working hatches.
" 24	Pateena, Launceston, 79262	H. Smith, scullion ..	Strained back	Pic'on ..	Lifting a sack of potatoes.
Feb. 3	Moa, Wellington, 40347	R. Nelson, fireman ..	Burnt arms	Wanganui ..	Caused by an explosion.
" 22	Ngakuta, London, 128829	A. Nugent, fireman ..	Injured kneecap	Lyttelton ..	Caused by a fall of coal in the bunkers.
Mar. 3	Opawa, Wellington, 91800	J. Landras, A.B. ..	Injured foot	Wellington ..	Cut by a piece of glass while washing decks.
" 3	Maori, Dunedin, 117598	P. Barry, trimmer ..	Internal injuries	Wellington ..	Fell down ladder.
" 7	Maori, Dunedin, 117598	P. Quinn, trimmer ..	Injured back	At sea ..	Fell down stokehold-ladder.
" 11	Maona, Dunedin, 101479	J. Anderson, trimmer ..	Poisoned hand	At sea ..	He cut his hand.
" 14	Mapourika, Dunedin, 101482	H. Jones, fireman ..	Burnt arm	Westport ..	Caused by back-fire from furnace.
" 16	Arakura, Dunedin, 117587	A. E. Edmondson ..	Wound in leg	Greymouth ..	Bag of fireclay fell out of sling and lacerated his leg.
" 18	Maitai, Dunedin, 101935	E. Connelly, trimmer ..	Injured wrist	Lyttelton ..	Caused by hook when heaving ashes from stokehold.
April 2	Rumu, Auckland, 102280	J. Smith, A.B. ..	Bruised ankle	Waiheke ..	Whilst taking in shingle a barrow struck his leg.
" 3	Mamka, Dunedin, 117582	E. Boys, greaser ..	Injured wrist	Sydney ..	Jammed his wrist while at work in engine-room.
" 3	Taniwha, Auckland, 102302	A. McIntyre, cook ..	Injured head	Auckland ..	Slipped and fell going down stairway.
" 5	Ada, Thames ..	Charles C. Bush ..	Drowned	Thames River ..	Fell out of dinghy when overhauling fishing-nets.
" 6	Weka, Auckland, 102274	A. Jackson, fireman ..	Amputated finger	At sea ..	Whilst oiling engines got finger caught in eccentric-strap.
" 6	Corinna, Launceston, 79252	H. S. Groat, A.B. ..	Poisoned hand	At sea ..	Cut his hand with wire hawser.
" 9	Wahine, Dunedin, 127813	A. Tait, A.B. ..	Bruised legs	Lyttelton ..	Whilst working boats something on derrick carried away.
" 9	Clansman, Auckland, 87520	J. R. Weston, engineer ..	Injured head	At sea ..	An ash-bucket fell on his head and cut it.
" 9	Squall, Napier, 118113	S. Connolly, A.B. ..	Injured foot	Gisborne ..	Working cargo.
" 10	Kennedy, Nelson, 52361	J. McClarly, fireman ..	Burnt foot	Greymouth ..	A live coal dropped on his foot.
" 12	John, London, 110059	J. Hangland, A.B. ..	Dislocated wrist	At sea ..	Staysail sheet struck him.
" 13	Moeraki, Dunedin, 101488	R. Woebing, A.B. ..	Crushed fingers	Dunedin ..	Got his fingers jammed in topping block of hydraulic crane.
" 16	Wakare, Auckland, 102288	R. Barrington, sculleryman ..	Bruised arm	Thames ..	Lid of ice-chest fell on his arm.
" 16	Tahue, Hobart, 57626	T. Barratt, trimmer ..	Injured leg	At sea ..	Bicked his leg while working in stokehold.
" 16	Maheno, Dunedin, 117590	R. Turnbull, trimmer ..	Injured head	At sea ..	Piece of coal fell on him.
" 18	Rotomahana, Auckland, 75119	J. Cross, A.B. ..	Bruised hand	Coromandel ..	Hand bruised whilst working cargo.
" 18	Fanny, Napier, 87321	R. Swanson, boatswain ..	Crushed finger	Blackhead Beach ..	Finger crushed between rudder and rudder-post while unloading surf-boat.
" 18	Kaitoa, Nelson, 93995	F. Selby, fireman ..	Poisoned arm	Wellington ..	Knocked his arm whilst working in bunkers.
" 20	Blenheim, Wellington, 121107	B. Hagerup, A.B. ..	Injured ankle	Wellington ..	Got his foot under a sling of cargo.
" 23	Mamka, Dunedin, 117582	P. Monaghan, fireman ..	Injured arm	At sea ..	Slipped on stokehold-ladder and fell.
" 24	Corinna, Dunedin, 79252	W. D. Bennie, 2nd engineer ..	Injured legs	Picton ..	Fractured right leg and bruised left leg.
" 25	Mapourika, Dunedin, 101482	W. Comber, fireman ..	Burnt arm	At sea ..	Fire blew out of furnace.
" 25	Chelmsford, Auckland, 89398	J. R. Owen, mate ..	Injured shin	Auckland ..	Whilst working, grazed his shin-bone.
" 26	Tahue, Auckland, 57626	G. Moran, carpenter ..	Irregular back	Aitutaki ..	Fell off staging whilst repairing a casing.
" 27	Wahine, Dunedin, 127813	J. Graham, fireman ..	Burnt arm	At sea ..	Furnace fire blew out.
May 2	Te Aroha, Napier, 121591	J. W. Nilson, A.B. ..	Crushed fingers	At sea ..	Crushed his fingers whilst hauling in sails.
" 2	Warrimoo, Dunedin, 101901	A. H. Robertson, cook ..	Injured foot	Auckland ..	Oven-door fell on his foot.
" 3	Kini, Dunedin, 104337	J. Buick, A.B. ..	Bruised hand	At sea ..	Thrown over wheel while steering, and jammed his hand against standard.
" 5	Pateena, Launceston, 79262	J. Horton, steward ..	Bruised hand	At sea ..	Galley-lift fell on his hand.
" 8	Squall, Napier, 118113	T. Anderson, A.B. ..	Poisoned finger	Hicks Bay ..	While guiding a winch-rope on barrel a piece of wire ran into his finger.

RETURN OF ACCIDENTS TO SEAMEN AND OTHERS ON BOARD SHIP REPORTED TO THE MARINE DEPARTMENT, ETC.—*continued.*

Date of Accident.	Name of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1914.					
May 9	Squall, Napier, 118113 ..	A. J. Walton, fireman ..	Poisoned finger ..	Tokomaru Bay ..	While guiding a wire rope on winch a broken strand tore his finger.
" 10	Whangape, Dunedin, 110641 ..	T. Black, cook ..	Fractured skull, fatal ..	Wellington ..	Fell on to foredeck.
" 10	Gael, Auckland, 118965 ..	G. McKay, O.S. ..	Burnt finger ..	Auckland ..	Got his finger jammed between ship and boat.
" 12	Maitai, Dunedin, 101935 ..	J. Hogan, fireman ..	Burnt arm ..	At sea ..	Fire blew out of furnace-door.
" 12	Maitai, Dunedin, 101935 ..	R. Dodds, fireman ..	Burnt arm ..	At sea ..	Fire blew out of furnace-door.
" 13	Tarawera, Dunedin, 84480 ..	W. Charnley, cook ..	Poisoned hand ..	At sea ..	Cut his hand while cleaning fish.
" 15	Moa, Auckland, 122925 ..	T. Pelly, A.B. ..	Poisoned wrist ..	Tauranga ..	Skinned his wrist while working timber.
" 17	Tavuni, Dunedin, 84500 ..	F. Edge, mate ..	Injured finger ..	At sea ..	Cabin-door swung to and jammed his finger.
" 20	Morning Light, Lyttelton, 89368 ..	A. Paulsen, A.B. ..	Fractured leg ..	Lyttelton ..	Whilst working cargo.
" 22	Bravo, Auckland, 102291 ..	S. Bredsen, A.B. ..	Injured finger ..	Auckland ..	Whilst fitting new jib a piece of wire punctured his finger.
" 23	Himitangi, Wellington, 108074 ..	G. Southgate, cook ..	Injured leg ..	Lyttelton ..	Fell partly through bunker-hatch.
" 23	Rimu, Auckland, 102280 ..	W. Armour, A.B. ..	Sprained ankle ..	Orehunga ..	Slipped on a case whilst working cargo.
" 26	Wairua, Dunedin, 118495 ..	M. Westman, A.B. ..	Injured eye ..	Auckland ..	Whilst screwing up tank-top, spanner slipped and struck him.
" 29	Moeraki, Dunedin, 101488 ..	J. Callaghan, trimmer ..	Injured shin ..	At sea ..	Whilst working in bunkers a piece of coal fell on him.
" 30	Wakonini, Auckland, 102336 ..	W. White, cook ..	Injured head ..	Waiheke ..	Topsail-halyard carried away and struck him on forehead.
June 2	Monowai, Dunedin, 84497 ..	C. Bain, steward ..	Drowned ..	Auckland ..	Verdict: Deceased fell from King's Wharf into Auckland Harbour, and was drowned, but no evidence to show how he came to fall into water.
" 4	Kia Ora, Southampton, 124487 ..	Sam S. King, A.B. ..	Broken arm ..	At sea ..	Slipped on wet deck.
" 4	Narua, Dunedin, 117583 ..	S. S. Hayes, greaser ..	Internal injuries ..	Auckland ..	Fell down stokehold-ladder.
" 5	Claymore, Auckland, 115188 ..	N. E. Owens, A.B. ..	Injured back ..	Kawhia ..	Ricked his back jumping from ship to shore.
" 6	Kurou, Dunedin, 127804 ..	J. Murphy, A.B. ..	Scalds ..	Auckland ..	While painting funnel the steam from exhaust-pipe scalded arm and leg badly.
" 7	Arahura, Dunedin, 117587 ..	J. T. Archer, 2nd C.A.S. ..	Scalds ..	Westport ..	Spilt hot water on foot.
" 8	Daphne, Auckland, 122922 ..	H. Harwood, A.B. ..	Injured finger ..	Auckland ..	Ran a nail into his finger whilst working cargo.
" 9	Huia, Wellington, 78367 ..	W. Muir, A.B. ..	Sprained wrist ..	Wellington ..	Slipped whilst working cargo in hold.
" 9	Tarawera, Dunedin, 84480 ..	E. Anderson, 2nd C.A.S. ..	Sprained back ..	Wellington ..	While carrying linen.
" 9	Arahura, Dunedin, 117587 ..	R. McCartney, trimmer ..	Sprained back ..	Westport ..	While working in bunkers.
" 11	Warimoo, Dunedin, 101901 ..	W. Aldridge, butcher ..	Injured shin ..	At sea ..	He slipped in galley.
" 12	Warimoo, Dunedin, 101901 ..	E. Eberhardt, greaser ..	Crushed foot ..	Auckland ..	Happened while at work in engine-room.
" 15	Manuka, Dunedin, 117582 ..	J. Kane, greaser ..	Crushed foot ..	Auckland ..	Slipped while oiling engine; got foot crushed by engine-crank.
" 16	Akaroa, Auckland, 74636 ..	T. Thorlensen, A.B. ..	Injured foot ..	Whangarei ..	Whilst working in hold.
" 19	Kauri, Dunedin, 120501 ..	A. Norrgrove, A.B. ..	Killed ..	Auckland ..	Fell down hold.
" 19	Warimoo, Dunedin, 101901 ..	C. Rodgers, fireman ..	Strained back ..	At sea ..	Whilst working in stokehold.
" 20	Kahu, Napier, 37116 ..	W. Leers, mate ..	Crushed ankle ..	Napier ..	Whilst taking in a piece of machinery.
" 21	Gael, Auckland, 118965 ..	D. Harvey, fireman ..	Injured foot ..	Auckland ..	Fell down ladder carrying coal, and bruised his toes.
" 22	Mapourika, Dunedin, 101482 ..	J. Roberts, O.S. ..	Injured finger ..	Wellington ..	Jammed it in boat's guy.
" 24	Ripple, Napier, 120627 ..	J. Gray, 2nd engineer ..	Injured thigh ..	At sea ..	Fell down engine-room ladder.
" 29	Maitai, Dunedin, 101935 ..	W. Brown, fireman ..	Injured eye ..	Wellington ..	Hot ashes got in his eye.
" 1	Makarini, London, 132703 ..	E. W. F. Austin, 3rd engineer ..	Injured head ..	Auckland ..	Fell down hold. Sent to hospital; died same evening.
July 3	Mapourika, Dunedin, 101482 ..	J. Sherrill, fireman ..	Burnt hand ..	At sea ..	Caused by fire blowing back.
" 5	Whangape, Dunedin, 110641 ..	A. Erskine, chief steward ..	Drowned ..	Kaipara Harbour ..	Verdict returned at inquest: "Found drowned."
" 7	Daphne, Auckland, 122922 ..	R. Matzki, A.B. ..	Injured hand ..	Whitianga ..	Whilst taking in cargo, cut his hand with piece of wire, poisoning it.

July	8	Greyhound, Auckland, 102315	C. Anderson, A.B. ..	Injured ankle	..	Auckland ..	Struck with a sling while discharging timber.
"	11	Clansman, Auckland, 87520	Thomas New, 2nd cook	Sprained ankle	..	Auckland ..	Slipped on gangway and sprained his ankle.
"	13	Huia, Auckland, 122915	J. Kemp, O.S. ..	Injured arm	..	Port Chalmers	Tore his arm with wire rope, causing blood-poisoning.
"	14	Hauti, Auckland, 130093	D. Aney, cook	Injured hand	..	Auckland ..	Cut his hand with broken plate while at work in galley.
"	15	Mania, Auckland, 101481	W. Hoskin, A.B. ..	Injured foot	..	Auckland ..	Fell down ladder and hurt his right foot.
"	16	Daphne, Auckland, 122922	H. Harwood, A.B. ..	Injured hand	..	Auckland ..	Hurt his hand whilst working timber cargo.
"	16	Maori, Dunedin, 117598	A. Schules, fireman	Strained back	..	Wellington	Caused by lifting a bunker-door.
"	17	Rosamond, Dunedin, 89594	H. Clarke, donkeyman	Sprained ankle	..	Auckland ..	Fell down stokehold-ladder.
"	20	Daphne, Auckland, 122922	F. Bates, A.B. ..	Injured thigh	..	Whangarei	Struck on thigh through lead-block carrying away.
"	21	Moeraki, Dunedin, 101488	Mrs. S. McLeod, stewardess	Injured ribs	..	Dunedin ..	Slipped in pantry and struck table.
"	24	Greyhound, Auckland, 102315	J. West, A.B. ..	Drowned	..	At sea ..	Lost overboard.
"	25	Flora, Hobart, 82526	J. Eukstad, A.B. ..	Injured finger	..	Grey-mouth Roads	Crushed in steering-gear.
"	29	Lily, Lyttelton, 57552	A. John, A.B. ..	Fractured collar-bone	..	Christchurch	Whilst working cargo.
Aug.	3	Moeraki, Dunedin, 101488	R. McArdle	Hernia ..	..	Wellington	While lifting stores, suffered strain.
"	4	Navua, Dunedin, 117583	H. Jeffrey, steward	Poisoned hand	..	Auckland ..	While carrying meat he cut his hand; blood-poisoning set in.
"	4	Wahine, Dunedin, 127813	S. Doherty, fireman	Injured finger	..	Lyttelton ..	Whilst shovelling, struck hand against iron door, injuring finger.
"	6	Waimana, Southampton, 131795	Peter Weiss, fireman	Fatal ..	..	Wellington	Fell between vessel and wharf and was crushed, his injuries being fatal.
"	7	Mahurangi, Auckland, 127879	J. Chappell, A.B. ..	Sprained wrist	..	Auckland ..	Happened whilst working yard-arm.
"	7	Ngakuta, Middlesborough, 128829	T. Rudder, fireman	Injured wrist	..	Lyttelton ..	Whilst working in stokehold.
"	8	Kotare, Dunedin, 117667	P. Sinclair, A.B. ..	Bruised ankle	..	Dunedin ..	Struck by a sling of timber.
"	9	Mapourika, Dunedin, 101482	D. McFarlane, fireman	Burnt arm	..	At sea ..	Caused by back fire.
"	9	Korimiko, Dunedin, 117599	T. Pearson, A.B. ..	Injured shoulder	..	At sea ..	Caused by being thrown against a winch.
"	10	Waitomo, Dunedin, 132990	D. Gunn, assistant steward	Injured hand	..	Fiji	Whilst carving meat, his knife slipped and cut a vein.
"	10	John, Wellington, 110059	J. Linton, A.B. ..	Jammed finger	..	Wangauui	Trapped it in a door.
"	13	Arapawa, Wellington, 108090	R. S. Farquhar, A.B.	Bruised foot	..	Onehunga	Whilst working cargo a plank fell on his foot.
"	14	Maori, Dunedin, 117598	G. Fletcher, fireman	Contusion of hand	..	Lyttelton ..	Whilst dumping ashes the blow-door fell on hand, injuring it.
"	16	Waitomo, Dunedin, 132990	J. Mulvenna, A.B.	Internal injuries	..	Fiji	Struck by a sling of cargo.
"	22	Wanaka, Dunedin, 95018	J. Davies, A.B. ..	Poisoned leg	..	Napier	Caused by a slipping cable which tore his leg.
"	24	Moana, Dunedin, 101479	J. Gillespie, fireman	Rupture ..	..	At sea ..	Slipped on plates while working in stokehold.
"	25	Claymore, Auckland, 115188	James Laing, O.S. ..	Crushed finger	..	Auckland ..	Whilst working cargo he crushed his finger.
"	25	Wahine, Dunedin, 127813	R. Coleman, fireman	Burnt hand and forearm	..	Lyttelton ..	Whilst opening furnaces.
"	29	Manuka, Dunedin, 117582	J. Laing, trimmer	Sprained shoulder	..	At sea ..	Fell while at work.
"	29	Enice, Lyttelton, 102343	J. Vincent, O.S. ..	Crushed fingers	..	Lyttelton ..	Whilst working cargo he got them crushed in a sling of timber.
"	30	Pohorua, Dunedin, 98061	S. Hansen, fireman	Burnt arm	..	At sea ..	Caused by furnace-door swinging on his arm.
Sept.	1	Ngakuta, Middlesborough, 128829	H. Denham, fireman	Injured hand	..	Lyttelton ..	Fell down engine-room ladder.
"	1	Ulmara, Melbourne, 120744	R. McPherson, 4th engineer	Sealds ..	..	Wellington	Caused by the bursting of a steam-pipe.
"	4	Kanna, Dunedin, 127809	R. Smith, fireman	Broken arm	..	At sea ..	Caused by falling on deck.
"	6	Moana, Dunedin, 101479	J. Deeming, cook	Sealds ..	..	At sea ..	Caused by a sea breaking aboard into the galley.
"	7	Ngakuta, Middlesborough, 128829	John Beattie, fireman	Crushed finger	..	Grey-mouth	Accident happened through finger being jammed or crushed in the step of a door, which was swinging through not having been hooked back properly.
"	8	Kini, Dunedin, 104337	J. Breen, A.B. ..	Injured arm	..	Grey-mouth	Caused by falling down No. 1 hatch.
"	11	Endeavour, Auckland, 118972	P. J. Kunst, engineer	Severe burns	..	Auckland ..	He was filling tank when an explosion occurred. The burns he received resulted in his death.
"	11	Endeavour, Auckland, 118972	W. Sutcliffe, A.B. ..	Burns ..	..	Auckland ..	Occurred while assisting the engineer
"	14	Ngapuhi, Auckland, 102329	F. Santsbury, chief cook	Sealds ..	..	Onehunga	Scalded his foot.
"	16	Mokoia, Dunedin, 101483	R. Collier, trimmer	Injured arm	..	At sea ..	Fell down bunker through vessel rolling.
"	17	Moanah, Auckland, 112546	J. M. Patey, A.B. ..	Injured head and hand	..	Auckland ..	While working winch the handle struck his head and hand.
"	18	Pukaki, Dunedin, 84491	Z. Gillanders, A.B.	Concussion	..	Wellington	Fell down hold while working 'tween decks.
"	..	Navua, Dunedin, 117583	J. Hannah, fireman	Burns ..	..	At sea ..	Back-fire from furnace caused severe burns.

RETURN OF ACCIDENTS TO SEAMEN AND OTHERS ON BOARD SHIP REPORTED TO THE MARINE DEPARTMENT, ETC.—*continued.*

Date of Accident.	Name of Vessel, Port of Registry, and Official Number.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury where Coroner's Inquest held.
1914					
Sept. 25	Konata, Dunedin, 117593 ..	W. Haddaway, A.B. ..	Injured foot ..	Wellington ..	While handling thwart ship-beam.
" 29	Rosamond, Dunedin, 89594 ..	W. Miller, A.B. ..	Injured leg ..	Auckland ..	Fell down companion-way.
Oct. 3	Mokoia, Dunedin, 101483 ..	W. G. Bendall, baker ..	Scalded foot ..	Gisborne ..	When stepping out of galley he put his foot into a pan of hot water, severely scalding it.
" 10	Wairoa, Auckland, 102271 ..	G. Halm, A.B. ..	Injured foot ..	Whangarei ..	Happened whilst rafting logs.
" 12	Corinna, Dunedin, 79252 ..	T. Lawler, fireman ..	Sprained wrist ..	Wellington ..	Whilst stoking he strained the tendons of his wrist.
" 16	Kanna, Dunedin, 127809 ..	J. Dobbil, fireman ..	Fractured wrist ..	Wellington ..	Struck by a basket of coal.
" 20	Fanny, Napier, 87321 ..	R. Harding, cook ..	Injured kneecap ..	Port Ahuriri ..	Tripped over rope on deck.
" 21	Moeraki, Dunedin, 101488 ..	M. McCallum, trimmer ..	Ricked back ..	At sea ..	Caused by lifting machinery.
" 21	Warrimoo, Dunedin, 101901 ..	E. Laning, fireman ..	Contused rib ..	At sea ..	Fell into bilge in stokehold.
Nov. 1	Wahine, Dunedin, 127813 ..	G. Freeman, A.B. ..	Injured chest ..	At sea ..	Outside Lyttelton while hauling in log, "Cygnet" fouled same.
" 6	Ionic, Liverpool, 115337 ..	J. Harris, greaser ..	Injured hand ..	At sea ..	While working in engine-room.
" 10	Karori, Dunedin, 118306 ..	B. Cossar, cook ..	Cut thumb ..	Greymouth ..	Outside Wellington a heavy sea caused him to be thrown on his shoulder against stokehold-plates.
" 11	Maitai, Dunedin, 101935 ..	J. Owens, fireman ..	Injured shoulder ..	At sea ..	Block fell and bruised hand.
" 17	Stormbird, Wellington, 31760 ..	S. Manson, A.B. ..	Bruised hand ..	Wellington ..	Fell down scuttle.
" 17	Corinna, Dunedin, 79252 ..	W. Warger, trimmer ..	Injured knee ..	At sea ..	Put his foot on some soot while working in stokehold.
" 20	Tarawera, Dunedin, 84480 ..	J. Healey, fireman ..	Burnt foot ..	Auckland ..	Slipped on wharf while working cargo, and severely sprained his knee.
" 20	Weka, Auckland, 102274 ..	W. Jones, fireman ..	Sprained knee ..	Coromandel ..	Struck by rope while working on deck.
" 25	Kennedy, Nelson, 52361 ..	B. Johanson, A.B. ..	Struck by rope ..	Nelson ..	Through iron door closing on them.
" 27	Koromiko, Dunedin, 117599 ..	J. Nicholson, fireman ..	Crushed fingers ..	Timaru ..	His hand became inflamed.
" 27	Himitangi, Wellington, 108074 ..	J. Foster, A.B. ..	Poisoned finger ..	At sea ..	Whilst firing low fire, wrenched his back.
Dec. 2	Pukaki, Dunedin, 84491 ..	J. Dooxley, fireman ..	Sprained back ..	Lyttelton ..	Caused by being struck by timber falling from a sling.
" 3	Annie Hill, Lyttelton, 57569 ..	Halodan Nystrom, 1st mate ..	Broken leg ..	Greymouth ..	Whilst working on deck he fell over some coal.
" 9	Tokomaru, Southampton, 99624 ..	B. Hilferty, A.B. ..	Injured ribs ..	Wellington ..	Heavy sea struck him and washed him under a derrick.
" 10	Kauri, Dunedin, 120501 ..	W. Cossantine, 1st mate ..	Rupture ..	At sea ..	Whilst taking in cargo he got crushed between the cargo and hatch-combing. Was discharged for treatment on arrival.
" 10	Rimu, Auckland, 105235 ..	W. McCallum, fireman ..	Crushed ..	Kawhia ..	(Cargo-hook knocked him down whilst working cargo at Wanganui.
" 10	Arapawa, Auckland, 108090 ..	C. Napper, A.B. ..	Bruised elbow ..	Wanganui ..	Whilst working cargo on wharf a box fell on his arm, crushing it severely. He was sent to the hospital for treatment and discharged.
" 11	Wakare, Auckland, 102288 ..	J. J. Walker, fireman ..	Crushed arm ..	Auckland ..	Fell between deck planks under repairs and injured his leg.
" 13	Aratapu, Auckland, 78354 ..	F. Lindback, O.S. ..	Injured right leg ..	Lyttelton ..	Whilst working in engine-room, the 4th engineer slipped from ladder and fell on Burke's back.
" 16	Wahine, Dunedin, 127813 ..	D. Burke, fireman ..	Strained back ..	Wellington ..	Dropped a lump of coal on his toe.
" 21	Koutunui, Napier, 121594 ..	E. Phillips, cook ..	Scalded hand ..	Port Ahuriri ..	Bumped his elbow against galley-door.
" 22	Corinna, Dunedin, 79252 ..	H. Cope, fireman ..	Injured toe ..	Newcastle ..	Whilst working mooring-rope.
" 23	Pateaena, Launceston, 79262 ..	J. Campbell, cook ..	Injured elbow ..	At sea ..	Whilst cleaning fish, was scratched on leg.
" 25	Koutunui, Napier, 121594 ..	E. Evans, A.B. ..	Injured wrist ..	Gisborne ..	Whilst discharging timber his finger was crushed in the sling.
" 29	Tavuni, Dunedin, 84500 ..	R. Lehmann, cook ..	Poisoned leg ..	Auckland ..	
" 29	Lily, Lyttelton, 57552 ..	P. Parry, A.B. ..	Crushed fingers ..	Lyttelton ..	
" 31	Maori, Dunedin, 117598 ..	P. P. Walsh, assistant steward ..	Sprained back ..	Wellington ..	

Dec. 31	Corinna, Dunedin, 79252	S. Cameron, A.B.	Injured hand	Wellington	Got his hand caught in cog.
1915.					
Jan. 3	Binu, Auckland, 105235	A. H. McDonald, 2nd mate	Crushed hand	Onchunga	Got his hand jammed with yard-rope while working cargo.
" 5	William Bowden, Liverpool, 62017	A. Strachan, carpenter	Fatal	Bluff	Fell down forward hatchway and was accidentally killed.
" 8	Mooraki, Dunedin, 101488	F. Webster, assistant cook	Poisoned hand	At sea	Got a scratch with a bone while cutting fish.
" 13	Takapuna, Dunedin, 66540	C. H. West, 3rd engineer	Injured hand	Wellington	Slipped while working at main engines.
" 19	Opouri, Lyttelton, 76083	J. Cochran, fireman	Injured knee	Lyttelton	While going to his quarters he slipped and injured his knee.
" 15	Irene, Norway	J. Stanley, seaman	Drowned	Off Otago Heads	Fell overboard off main rigging and was drowned.
" 18	Waitemata, Dunedin, 127801	E. P. Ruglen, fireman	Injured elbow	At sea	Knocked his arm.
" 15	Arahura, Dunedin, 117587	T. G. Jeromson, A.B.	Strained back	Greymouth	While lifting gangway at Greymouth.
" 19	John, Wellington, 110059	W. Kilstein, A.B.	Sprained wrist	Nydia Bay	While working timber.
" 21	Waimea, Nelson, 93993	G. Sutton, A.B.	Injured leg	Nelson	Sustained injury to leg while squaring up gear.
" 21	Warrimoo, Dunedin, 101901	F. McEwen, butcher	Cut tendon	Dunedin	When sharpening knife, handle of steel came off, causing knife to slip and causing injury.
" 21	Wahine, Dunedin, 121142	G. Absolum, fireman	Crushed finger	Lyttelton	While working, two firebricks fell on his hand.
" 21	Mapourika, Dunedin, 101482	E. W. Ormerod, fireman	Poisoned hand	At sea	While working below he cut his hand with a dirty shovel.
" 21	Wahine, Dunedin, 121142	C. W. Webster, steward	Strained muscles of abdomen	Wellington	While lifting bags of linen.
" 28	Apanui, Auckland, 122906	A. Smith, A.B.	Twisted ankle	Wellington	While taking in gangway he slipped and twisted his ankle.
" 28	Squall, Napier, 118113	A. King, A.B.	Sprained ankle	On East Coast	While working surf-boat.
" 30	Kowhai, Dunedin, 128040	E. H. Brown, winchman	Crushed hand	Greymouth	Got right hand crushed in winch whilst changing gear.
Feb. 1	Wirral, Liverpool, 131376	S. Green, deck boy	Drowned	Lyttelton	Dragged into water through rope getting entangled in propeller.
" 3	Moeraki, Dunedin, 101488	A. Sumner, pantryman	Poisoned hand	At sea	Poisoned his hand while working at sink.
" 7	Tarawera, Dunedin, 84480	M. MacPhail, A.B.	Injured foot	At sea	Batten fell on instep while working.
" 4	Ngahere, Port Glasgow, 102580	E. P. Ferguson, greaser	Injured finger	Leaving Napier	While working in engine-room, got his finger jammed.
" 8	Arahura, Dunedin, 117587	R. Dawson, assistant steward	Injured elbow	Westport	Fell through a skylight, cutting his elbow.
" 9	Mapourika, Dunedin, 101482	H. Stapleton, A.B.	Strained back	Pictou	Strained muscles of back lifting gangway at Pictou.
" 10	Wahine, Dunedin, 127813	F. Muller, fireman	Burnt hand	Lyttelton	While on duty in stokehold he slipped and burnt his hand on shovelful of hot coal.
" 10	Clansman, Auckland, 87520	J. Hayes, fireman	Injured foot	Auckland	Pump-block fell on left foot.
" 12	Tarawera, Dunedin, 84480	J. P. Jones, steward	Injured shin	Wellington	While carrying luggage he knocked his shin on brass step.
" 12	Ngapuhi, Auckland, 102329	T. Corrigan, 2nd engineer	Strained side	Tauranga	While working inside boiler, he strained his side, developing into rupture.
" 12	Patea, Launceston, 79262	F. Morgan, trimmer	Injured knee	Wellington	Slipped going into foc'sle.
" 13	Na vua, Dunedin, 117583	F. Gillard, trimmer	Poisoned hand	At sea	Poisoned left hand while working in stokehold.
" 14	Whangape, Dunedin, 110641	P. Connor, trimmer	Injured head	At sea	Lamp of coal struck him on head whilst trimming.
" 16	Waimea, Nelson, 93993	William Abis, fireman	Injured testicles	Wellington	Injured by being struck by a shaft when vessel coming off slip.
" 19	Tarawera, Dunedin, 84480	H. McMahon, fireman	Twisted ankle	At sea	Twisted his ankle while at work in stokehold.
" 22	Westmeath, Greenock, 117381	S. Malone, trimmer	Injury to coccyx	Dunedin	Fell off staging during "field day" in stokehold.
" 23	Canopus, Dunedin, 101490	F. Fandemer, A.B.	Slight injury	Westport	Fell from boat-deck to main deck, injuring sciatic nerve.
" 23	Moeraki, Dunedin, 101488	A. M. Samuels, assistant steward	Strained back	Wellington	While lifting luggage.
" 24	Mapourika, Dunedin, 101482	T. Reynolds, fireman	Strained heart	Wellington	While working below.
" 25	Kinow, Dunedin, 127804	G. Langley, trimmer	Injured knee-bone	Auckland	Slipped and injured right knee-bone while cleaning bilges.
" 26	Kini, Dunedin, 104337	James Johnston, A.B.	Fatal	At sea	Fell from mizen-rigging and succumbed to injuries.
Mar. 3	Binu, Auckland, 105235	M. Morgan, 1st mate	Strained side	Raglan	Whilst taking in sheep he slipped and fell, straining his right side.
" 4	Manuka, Dunedin, 117582	F. McKinnon, A.B.	Sprained leg	Wellington	Whilst at boat-station he twisted his leg taking in sail.
" 8	Holmdale, Wellington, 117677	C. J. Tully, chief engineer	Strained back	Onchunga	Whilst effecting repairs to engines.
" 10	Maori, Dunedin, 117598	G. Swales, trimmer	Scalded legs and arms	Lyttelton	Slipped down ladder whilst carrying tea to mess, hurting his back and scalding himself.

RETURN SHOWING AMOUNTS PAID TO SICK AND DISABLED SEAMEN UNDER SECTION 6 OF THE SHIPPING AND SEAMEN AMENDMENT ACT, 1911, FOR THE YEAR ENDED 31ST MARCH, 1915.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.		
			£	s.	d.
Abis, W.	Karamea	Appendicitis	38	1	2
Abis, W.	Waimea	Injured testicles	5	6	8
Absolom, G.	Wahine	Crushed finger	9	9	10
Absolon, G.	Maheno	Rheumatism	13	10	8
Albert, H.	Mapourika	Poisoned hand	12	2	3
Aldridge, W.	Warrimoo	Injured shin	11	2	5
Alsop, G.	Matatua	Nasal trouble	4	0	0
Amery, D.	Hauti	Injured hand	6	16	8
Anderson, A.	Rosamond	Rupture	16	4	3
Anderson, C.	Greyhound	Bruised ankle	11	19	6
Anderson, D.	Pateena	Rupture	26	15	6
Anderson, E.	Tarawera	Strained back	7	3	8
Anderson, J.	Moana	Poisoned hand	12	8	6
Anderson, T.	Squall	Injured finger	7	1	2
Anderson, W. G.	Maunganui	Rheumatic fever	11	14	8
Archer, J. T.	Arahura	Scalded foot	9	18	2
Armour, W.	Rimu	Sprained ankle	11	6	3
Baker, J.	Nikau	Gastritis	15	14	0
Barnard, J. H.	Manuka	Rheumatism	21	19	8
Barnsley, J.	Weka	Poisoned hand	20	15	2
Barratt, T.	Tahune	Injured leg	8	18	2
Barrington, R.	Wakateru	Bruised arm	11	7	11
Barry, P.	Maori	Internal injuries	13	12	0
Barton, W.	Maori	Inflamed glands	9	8	11
Bates, F.	Daphne	Injured thigh	14	17	10
Beattie, John	Ngakuta	Crushed finger	23	8	9
Bell, J.	Opawa	Pains in chest	7	17	6
Bennie, W. D.	Corinna	Fractured leg	36	12	0
Billington, S.	Athenic	Cerebral hæmorrhage and heart-failure	9	12	6
Bomons, A.	Victoria	Influenza	4	4	0
Boys, E.	Manuka	Injured wrist	12	4	0
Buick, J.	Kini	Bruised hand	23	15	3
Buncock, A.	Apanui	Illness	6	4	3
Burke, D.	Wahine	Strained back	8	19	3
Burns, B.	Kahu	Rheumatism	11	4	4
Burt, H.	Warrimoo	Nervous breakdown	117	16	0
Burrows, J.	Maori	Measles	14	3	0
Butler, J.	Werribee	Cancer of rectum	12	0	0
Bredensen, S.	Bravo	Injured finger	5	1	9
Breen, J.	Kini	Injured arm	19	1	5
Bride, T.	Marere	Abscess on ear	40	19	2
Brown, E.	Queen of the South	Pneumonia	27	1	8
Brown, E. H.	Kowhai	Hand crushed in winch	7	4	11
Brown, G.	Opawa	Cellulitis of jaw	9	5	6
Brown, W.	Maitai	Injured eye	17	18	5
Brown, W. V.	Himitangi	Strained muscles of shoulder	13	4	3
Callaghan, J.	Moeraki	Injured shin	9	16	0
Cameron, S.	Corinna	Injured hand	12	11	8
Campbell, J.	Pateena	Injured elbow	7	1	1
Campbell, W.	Ngakuta	Boils and debility	13	5	11
Carroll, W.	The Portland	Injured eyes	9	4	0
Chappell, J.	Mahurangi	Sprained wrist	6	18	0
Charnley, W.	Tarawera	Poisoned hand	19	4	8
Clark, C.	Victoria	English cholera	14	12	8
Clarke, H.	Breeze	Lumbago	13	15	0
Clarke, H.	Rosamond	Sprained ankle	12	4	10
Coates, E.	Star of India	Rupture	6	8	0
Cochrane, J.	Opouri	Injured knee	19	14	4
Coleman, E.	Poherua	Nervous breakdown	11	7	2
Coleman, R.	Wahine	Burnt hand and arm	8	17	3
Collier, R.	Mokoia	Poisoned arm	12	9	11
Comber, W.	Mapourika	Burnt arm	11	18	10
Connell, T.	Kamona	Cold in back	13	1	1
Connelly, G.	Himitangi	Wound on leg	18	16	6
Connolly, S.	Squall	Injured foot	44	12	2
Cooper, H.	Wairuna	Injured toe	8	8	10
Corbett, H.	Rotorua	Septic throat	10	19	0
Corrigan, T.	Ngapuhi	Rupture	28	0	0
Cossar, B.	Karori	Cut thumb	28	13	4
Cotterell, J.	Wahine	Influenza	12	9	6
Cowan, James	Wetere	Poisoned finger	7	14	0
Cronin, J.	Kaituna	Poisoned hand	18	1	10
Cross, J.	Rotomahana	Bruised hand	9	7	5
Cullen, J.	Rarawa	Injured arm	43	3	4
Cullen, J.	Waitomo	Poisoned finger	8	7	4
Dalgleish, A. S.	Moeraki	Nervous breakdown	12	0	6
Davies, J.	Wanaka	Poisoned leg	16	0	5
Davies, T. H.	Arahura	Lymphitis	30	9	2
Dawson, R.	Arahura	Injured elbow	5	10	0

RETURN SHOWING AMOUNTS PAID TO SICK AND DISABLED SEAMEN—continued.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.		
			£	s.	d.
Dean, P.	Maori	Sore throat	6	16	2
Deeble, W. H.	Wairuna	Dislocated shoulder	16	8	2
Deeming, J.	Moana	Scalded back and chest	11	10	0
Dempster, A.	Westralia	Illness	10	13	1
Denham, H.	Ngakuta	Injured hand	13	11	6
Dobbie, J.	Kanna	Fractured rib	15	8	9
Dobson, H.	Nerehana	Gastritis	26	14	0
Dodd, L. A.	Surrey	Appendicitis	19	19	6
Dodds, R.	Maitai	Burnt arm	14	1	0
Doggant, A.	Breeze	Bronchitis	11	19	8
Doherty, S.	Wahine	Lacerated finger	9	2	9
Donovan, J.	Hawke's Bay	Throat trouble	10	15	0
Dowden, R.	Manuka	Diarrhoea and catarrh of stomach	15	7	0
Dowling, J. H.	Karori	Rupture	15	4	7
Duff, A. J.	Mapourika	Abscess in hip-joint	29	16	8
Dursig, W.	Mapourika	Inflamed foot	13	5	4
Eberhardt, E.	Warrimoo	Crushed foot	55	4	10
Edge, F.	Taviuni	Injured finger	23	18	6
Edlington, J. B.	Tasman	Crushed foot	35	0	4
Edmeads, J.	Taneatua	Influenza	11	11	11
Edmondson, A. E.	Arahura	Lacerated leg	17	15	3
Ellen, J.	Kurov	Pain in ear	7	4	11
Elliott, G.	Breeze	Bronchitis	22	16	7
Elliott, O.	Wakatere	Severe cold	10	6	3
Enkstad, J.	Flora	Lacerated finger	11	17	6
Evans, E.	Koutunui	Injured wrist	13	4	2
Farquhar, J. H.	Echo	Hernia	23	9	1
Farquhar, R. S.	Arapawa	Bruised foot	13	18	9
Ferguson, F.	Rakanoa	Influenza	10	1	11
Ferguson, P.	Ngahere	Injured finger	21	6	1
Fletcher, G.	Wahine	Influenza	11	11	0
Flynn, W.	Makura	Gastritis	3	18	0
Foster, J.	Himitangi	Poisoned finger	17	0	0
Francis, E.	Komata	Rupture	30	12	8
Gallagher, J.	Clan McDonald	Insomnia and delirium	3	4	0
Gerson, H.	Nairnshire	Pains in chest	14	12	9
Gibson, M. D.	Kamona	Pleurisy	39	7	4
Gillard, F.	Navua	Poisoned hand	7	18	10
Goodman, P.	Maunganui	Crushed finger	26	12	0
Graham, J.	Wahine	Burnt arm	18	13	9
Gratwick, G.	Delphic	Pleurisy	4	9	6
Gray, J.	Ripple	Injured thigh	16	4	6
Groat, H. S.	Corinna	Poisoned hand	10	7	10
Guar, S. C.	Kahu	Pleurisy	20	14	1
Gunn, D.	Waitomo	Injured hand	6	8	7
Hadaway, W.	Komata	Injured foot	7	9	1
Haguerup, B.	Blenheim	Injured ankle	10	17	5
Hall, J.	Westralia	Bronchitis	13	1	1
Hammond, C.	Star of Australia	Rheumatism	8	7	6
Hammond, J.	Kauri	Piles	20	7	11
Hampshire, G.	Wahine	Pleurisy	8	13	4
Hangland, J.	John	Dislocated wrist	18	11	2
Hannah, J.	Navua	Severe burns	7	3	8
Hansen, S.	Poherua	Burnt arm	11	2	8
Harding, W.	Fanny	Injured kneecap	62	19	7
Harrington, E.	Maori	Influenza	10	10	6
Harris, J.	Ionic	Injured hand	33	11	0
Harris, W.	Warrimoo	Throat and skin trouble	10	12	5
Harvey, D.	Gael	Bruised foot	22	15	8
Harvey, R.	Kamona	Pneumonia	15	18	9
Harwood, H.	Daphne	Injured finger	10	17	4
Hayes, J.	Clansman	Bruised foot	9	0	4
Hayes, S. S.	Wairua	Internal injuries	17	8	8
Healey, J.	Tarawera	Burnt foot	10	9	10
Hilferty, B.	Tokomaru	Injured rib	6	11	0
Hillman, E.	Kaitangata	Pains in abdomen	29	0	1
Hills, A.	Terawhiti	Quinsey	7	17	0
Hodges, F.	Paloona	Rheumatism	8	14	8
Hogan, J.	Maitai	Burnt arm	10	1	0
Hollingsworth, G.	Wahine	Influenza	9	3	0
Holmroos, A.	Pampa	Lachycardia	16	17	9
Holyman, L.	Waihora	General debility	10	3	0
Hoskin, W.	Manaia	Injured foot	10	5	6
Ivanoff, S.	Arahura	Swollen glands	14	0	4
Jackson, A.	Weka	Amputated fingers	28	15	6
Jackson, C.	Rimu	Abscess	9	11	5
Jansen, G.	Weka	Lumbago	16	5	0
Jeffrey, H.	Navua	Blood-poisoning	7	4	5
Jeromsen, S.	Arahura	Influenza	51	6	0
Jeromsen, T. G.	Arahura	Strained back	12	9	6
Johansen, B.	Kennedy	Struck by rope	16	17	9
John, A.	Lily	Fractured collarbone	15	5	6

RETURN SHOWING AMOUNTS PAID TO SICK AND DISABLED SEAMEN—*continued.*

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.		
			£	s.	d.
Johnson, T.	Wakatere	Pleurisy	8	4	10
Johnston, James	Kini	Fell from rigging (fatal)	7	19	4
Jokovitch, L.	Fanny	Severe cold	12	19	0
Jones, H.	Mapourika	Burnt arm	10	18	4
Jones, H.	Wahine	Rupture	12	10	4
Jones, H.	Awahou	Poisoned finger	17	4	9
Jones, J. P.	Tarawera	Injured shin	6	19	0
Kane, J.	Manuka	Crushed foot	40	18	11
Kealey, W.	Maitai	Severe cold	5	6	8
Kemp, J.	Huia	Blood-poisoning	8	4	7
Keohane, J.	Apanui	Pneumonia	15	6	8
Kerr, J.	John	Muscular rheumatism	10	3	7
Kevisley, A.	Kurow	Tonsilitis	11	0	7
Kilstein, A.	John	Sprained wrist	14	12	2
King, A.	Squall	Sprained hand	16	3	10
King, C.	Falcon	Injured thumb	12	3	10
King, S. S.	Kia Ora	Broken arm	16	13	9
Kinley, R.	Rosamond	Heat rash on face	7	10	10
Knight, J.	Arahura	Festered finger	9	12	5
Kunst, P. J.	Endeavour	Fatal burns	9	0	0
Lachman, J.	Taviuni	Poisoned leg	7	14	4
Laing, James	Claymore	Crushed finger	9	9	4
Landvas, A.	Opawa	Injured foot	22	5	2
Langley, G.	Kurow	Injured knee-bone	16	1	5
Laning, P.	Manuka	Sprained shoulder	8	8	6
Lanning, E.	Warrimoo	Contused rib	11	19	2
Laurenson, G.	Kapuni	Measles	6	17	8
Laurenson, G.	Kapuni	Typhoid fever	19	7	0
Lawler, H.	Maunganui	Ulcerated throat	16	16	3
Lawler, T.	Corinna	Sprained wrist	11	10	0
Leers, G.	Kahu	Crushed ankle	45	2	2
Leith, A.	Echo	Bronchitis	18	15	4
Lie, A.	Kaipoi	Rheumatism	29	11	9
Linn, A.	Koromiko	Rheumatism	9	2	4
Linton, J.	John	Crushed finger	10	17	1
Loveridge, A.	Kanieri	Severe cold	26	7	4
MacPhail, M.	Tarawera	Injured foot	12	17	6
Malm, G.	Wairoa	Injured foot	16	3	8
Maloney, S.	Westmeath	Injury to coccyx	7	13	6
Mapper, C.	Arapawa	Bruised elbow	25	5	1
Mart, G.	Moana	Pleurisy	8	3	6
Martin, H. E.	Opawa	Neuritis	15	5	0
Mason, H.	Monowai	Poisoned arm	14	5	1
Matheson, K.	Wahine	Abscess in rectum	45	11	0
Matzki, R.	Daphne	Poisoned hand	9	1	2
McCairley, J.	Kennedy	Burnt foot	16	7	5
McCallum, M.	Moeraki	Ricked back	8	6	0
McCallum, W.	Rimu	Crushed	13	0	11
McCartney, R.	Arahura	Strained back	16	4	6
McColl, J.	Kauri	Poisoned hand	30	18	10
McDonald, A.	Koutunui	Rheumatism	12	8	1
McDonald, A. H.	Rimu	Injured hand	13	11	2
McDonald, J.	Tarawera	Scalp wound	10	17	0
McDougall, W.	Maori	Influenza	10	4	7
McEwen, F.	Warrimoo	Cut tendons in hand	13	14	6
McFarlane, D.	Mapourika	Burnt arm	12	0	2
McIntyre, A.	Taniwha	Injured head	13	14	11
McKay, G.	Gael	Injured fingers	7	8	11
McKechnie, A.	Monowai	Gastritis	13	4	0
McKewan, C.	Wahine	Influenza	12	4	2
McKinnon, J.	Manuka	Sprained leg	10	12	3
McLean, N.	Kiritona	Injured leg	17	12	4
McLean, N.	Kiitona	Inflammation of the eye	18	2	2
McLeod, R.	Kurow	Sprained ankle	16	14	2
McLeod, R.	Waihora	Appendicitis	47	15	11
McLeod, S. (Mrs.)	Moeraki	Injured ribs and shock	8	9	0
McMahon, H.	Tarawera	Twisted ankle	14	1	2
McPherson, R.	Ulimaroa	Scalds on body	7	10	0
McTighe, J.	Whangape	Bronchitis	25	4	9
McTighe, J.	Himitangi	Gastritis	20	8	5
Mead, W.	Taniwha	Abdominal pains	8	10	9
Miller, G.	Wahine	Septic throat	9	4	4
Miller, H.	Flora	Abscess in mouth	10	5	0
Miller, W.	Rosamond	Injured leg	16	16	0
Moir, A. C.	Kawau	Pneumonia	27	4	9
Monaghan, P.	Manuka	Injured arm	17	2	2
Monson, A.	Maori	Lumbago	10	18	4
Moran, G.	Talune	Injured back	15	8	8
Morgan, F.	Pateema	Injured knee	13	12	1
Morgan, N.	Rimu	Strained side	15	13	7
Morris, D.	Manuka	Pains in groin	24	12	0
Morrissey, J.	Wahine	Inflamed pits	9	17	4

RETURN SHOWING AMOUNTS PAID TO SICK AND DISABLED SEAMEN—*continued*.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.		
			£	s.	d.
Muir, W.	Huia	Sprained wrist	7	9	4
Mulholland, J.	Niagara	Appendicitis	10	9	0
Muller, F.	Wahine	Burnt hand	8	6	9
Mulverend, J.	Waitomo	Internal injuries	16	11	9
Murphy, J.	Kurou	Scalded arm and leg	17	16	3
Murphy, W.	Terawhiti	Influenza	8	14	3
Naulls, A. E.	Mokoia	Influenza	8	16	3
Neal, S.	Maori	Bronchitis	7	18	9
Nelson, A.	Excelsior	Blood-poisoning	12	13	10
Nelson, R.	Moa	Burnt arms	44	8	3
Nelson, W. H.	Manaia	Boils on neck	9	2	3
New, Thomas	Clansman	Sprained ankle	31	17	4
Nicholson, J.	Koromiko	Crushed finger	26	17	0
Nilsson, J. W.	To Aroha	Crushed fingers	11	16	10
Nygent, J.	Ngakuta	Injured kneecap	14	19	3
Nyström, Halodan	Annie Hill	Broken leg	40	2	6
Oliphant, R.	Marama	Injured back	4	15	0
O'Neil, P.	Ulimaroa	Phimosis	12	16	11
Orley, J.	Mokoia	Influenza	7	4	4
Ormerod, E. W.	Mapourika	Poisoned hand	9	7	0
O'Shea, W. G.	Maunganui	Rheumatic fever	11	14	8
Owen, J. R.	Chelmsford	Injured shin	11	6	2
Owens, N. E.	Claymore	Injured back	9	2	4
Pain, W.	Karori	Influenza	10	2	10
Paris, J.	Flora	Strained heart	23	0	1
Parker, E.	Warrimoo	Rupture	18	17	5
Patey, G. M.	Moonah	Injured head and hand	8	8	11
Paulsen, A.	Morning Light	Fractured leg	18	0	0
Paulsen, P. N.	Echo	Rheumatic fever	20	7	2
Pearce, W.	Fanny	Poisoned finger	25	3	5
Pearson, J.	Moeraki	Pleurisy	9	8	3
Pearson, T.	Koromiko	Injured shoulder	13	6	6
Pelly, T.	Moa	Poisoned wrist	7	19	6
Phillips, E.	Koutunui	Scalded hands	8	11	3
Phipps, Edward	Nikau	Rheumatism	11	5	2
Phurgar, O.	Moeraki	Hæmophysis	6	19	0
Pointer, R. E.	Mapourika	Acute rheumatism	3	1	11
Poolf, H.	Arahura	Shingles	10	0	7
Powell, R.	Karori	Appendicitis (fatal)	30	15	2
Power, H.	Pateena	Influenza	18	3	4
Quinn, P.	Ngahero	Bronchitis	16	1	7
Quinn, P.	Maori	Injured back	24	1	9
Rae, J.	Wahine	Inflammation of kidneys	8	7	3
Rankin, J.	Mapourika	Severe chill	12	4	6
Revell, P.	Mokoia	Pharyngitis	9	11	7
Reynolds, T.	Mapourika	Strained heart	9	19	8
Richardson, P.	Weka	Pain in back	11	1	6
Riley, P.	Maori	Poisoned arm	12	10	5
Riorden, M.	Westward Ho	Affection of eyes	8	10	6
Roberts, J.	Mapourika	Injured finger	10	0	2
Robertson, A. H.	Warrimoo	Injured foot	34	14	11
Rodgers, C.	Warrimoo	Strained back	9	11	6
Roe, R.	Storm	Rupture	27	15	4
Ross, F. C.	Buteshire	Sciatica	8	18	9
Rout, G.	Kanieri	Severe cold	6	12	10
Rauparaha, R.	Wakatu	Pneumonia	54	15	0
Rudder, T.	Ngakuta	Injury to wrist	11	16	8
Ruegen, E. P.	Waitemata	Injured elbow	15	18	6
Russell, H.	Arahura	Intestinal catarrh	8	16	4
Russell, T.	Paloona	Dysentery	6	14	10
Saddler, F.	Wahine	Rheumatism	9	8	6
Saintsbury, T. H.	Ngapuhi	Scalded foot	15	17	5
Samuels, A. M.	Moeraki	Strained back	6	12	8
Schott, O.	Moeraki	Poisoned leg	10	3	9
Schules, A.	Maori	Strained back	8	13	10
Scott, G.	Storm	Hæmorrhoids	28	18	8
Scott, J.	Woolston	Diphtheria	18	4	7
Scott, J.	Wahine	Severe cold	14	13	10
Selby, F.	Kaitoa	Poisoned arm	33	0	4
Sench, S. R.	Talune	Rupture	8	6	7
Sharpe, S. E.	Mako	Swollen arm	0	16	6
Sherrill, J.	Mapourika	Burnt hand	9	18	0
Shieldham, H.	Taniwha	Crushed arm	7	7	1
Simpson, M.	Warrimoo	Rheumatism	5	19	4
Simpson, S.	Maori	Influenza	19	12	2
Sinclair, P.	Kotare	Bruised ankle	6	10	9
Singleton, J. S.	Pateena	Dysentery	6	19	5
Sliming, A.	Moeraki	Inflammation of eye	6	5	4
Smith, A.	Apanui	Twisted ankle	7	2	6
Smith, B.	Pateena	Carbuncle	9	13	3
Smith, H.	Pateena	Strained back	34	5	6
Smith, J.	Rimu	Bruised ankle	15	10	2

RETURN SHOWING AMOUNTS PAID TO SICK AND DISABLED SEAMEN—*continued.*

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.
			£ s. d.
Smith, R.	Kanna	Broken arm	22 17 5
Southgate, G.	Himitangi	Wound on leg	18 16 6
Speigelhalter, J.	Delphic	Epileptic fits	20 13 6
Staines, G.	Karamea	Appendicitis	16 18 0
Stephenson, W.	Orura	Severe cold	24 0 0
Sullivan, J.	Chelmsford	Gastritis	14 15 9
Sumner, A.	Moeraki	Poisoned hand	7 8 4
Sutcliffe, W.	Endeavour	Burns	11 14 8
Sutton, G.	Waimca	Injured leg	7 6 2
Swindsen, C.	Moa (scow)	Swollen hand	7 8 3
Swales, J.	Maori	Scalded legs and arms	11 18 8
Swainson, R.	Fanny	Crushed finger	9 10 8
Tait, A.	Wahine	Bruised legs	12 19 11
Taylor, J.	Wahine	Epilepsy	8 19 5
Taylor, J. G.	Maori	Abscess under chin	6 0 10
Taylor, W.	Karamu	Influenza	8 10 0
Thomas, G.	Wanaka	Rash on body	14 3 3
Thompson, W.	Kanna	Pleurisy	2 11 6
Thorstensen, T.	Akaroa	Injured foot	9 16 4
Timms, G.	Fanny	Removal of growth	16 6 6
Tinton, J.	John	Rheumatism	11 16 4
Townsend, W.	Stormbird	Inflammation of shoulders	9 3 4
Tulcher, T.	Moeraki	Poisoned hand	13 7 3
Tully, C. J.	Holmdale	Strained back	15 9 7
Tracey, G.	Kamo	Cold and internal pains	9 15 4
Trewett, J.	Wairoa	Measles	6 12 5
Vautier, C.	Te Aroha	Rupture	9 6 8
Vincent, J.	Eunice	Crushed fingers	7 15 3
Wahlstrom, E.	Kamo	Influenza	8 5 1
Walker, J.	Wahine	Influenza	13 9 2
Walker, J.	Pateena	Strained back	9 16 10
Walker, J. J.	Wakatore	Crushed arm	14 5 4
Walker, T.	Taviuni	Ill with diarrhoea	8 12 10
Walsh, P. P.	Maori	Strained back	6 13 9
Walton, A. J.	Squall	Poisoned finger	29 17 3
Warne, F.	Tasman	Ill with diarrhoea	8 12 9
Wason, W.	Maitai	Poisoned arm	12 16 2
Waterfall, J.	Mapourika	Abscess on leg	9 11 4
Waters, F.	Pateena	Influenza	7 9 0
Watts, W.	Maori	Chicken-pox	52 17 7
Waugh, R.	Whangape	Erysipelas in hand	9 11 0
Weatherston, D.	Maori	Poisoned hand	15 4 4
Webster, C. W.	Wahine	Strained abdominal muscles	5 16 5
Webster, F.	Moeraki	Poisoned hand	10 4 2
Welsh, P.	Maori	Influenza	13 0 0
West, C. H.	Takapuna	Injured hand	18 14 6
Weston, S. J.	Clansman	Injured head	19 11 0
Wheeler, J.	Maori	Inflammation of bladder	10 5 9
White, H. C.	Kowhai	Granulations of ear	17 6 6
White, W.	Waikonini (scow)	Injured head	12 16 0
Williams, C.	Koromiko	Pleurisy	7 1 11
Williams, E.	Himitangi	Poisoned finger	17 0 0
Wilson, J.	Onerahi	Strained chest-muscles	9 4 9
Wilson, W.	Pukaki	Asthma	14 12 8
Woebling, R.	Moeraki	Crushed fingers	7 0 4
			£5,739 9 8

RETURN OF ACCIDENTS TO WATERSIDE WORKERS REPORTED TO THE MARINE DEPARTMENT DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1915.

Date.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury if Inquest held.
1914.				
April 1	P. Shirley	Injured foot	Lyttelton	Whilst working cargo a case fell on his foot.
" 3	Thomas Cauldwell	Killed	Wellington	Whilst working in the hold of s.s. "Maitai" a sling of cargo fell on him through rope breaking.
" 6	William Knowles	Lacerated foot	Bluff	Caused by hatch-beam falling on his foot.
" 12	P. Hanson	Injured thumb	Greymouth	Caused by truck-door.
" 15	Frank Wordley	Injured back	Wellington	Struck by an empty coal-basket whilst coaling s.s. "Ngakuta."
" 18	J. Barth	Bruised and shaken	Wanganui	Struck by basket of coal whilst coaling.
" 21	Vernon Howe	Slight concussion	Wellington	Carcase of frozen mutton fell out of sling, striking his head.
" 22	R. Whitford	Scalp wound	Lyttelton	Knocked over by basket of coal.
" 23	J. T. Loader	Crushed fingers	Lyttelton	While climbing over some trucks he got his fingers crushed between buffers.
" 23	John Hagland	Fractured arm	Wellington	Fell down hold.
" 23	A. S. Coburn	Ricked back	Greymouth	Caused by lifting heavy timber.
May 2	George Mortimer	Injured foot	Westport	Caused by a piece of falling timber.
" 4	A. Kail	Fractured arm and thigh	Wellington	While coaling "Clan Matheson" a coal-trolley fell on him.
" 4	A. Bannister	Fractured arm	Wellington	Fell into hold through plank giving way.
" 12	F. Saunders	Injured leg	Wellington	Sling of sleepers struck him.
" 15	T. Patterson	Bruised shoulder	Greymouth	Slipped on ladder descending hatch.
" 19	A. H. Towgood	Broken ribs	Greymouth	Fell down hold of s.s. "Westmeath," severely bruising back and breaking two ribs.
" 19	W. Whiteside	Bruised toe	Timaru	Struck by sling of sleepers.
" 20	J. Tippet	Strained side	Lyttelton	Whilst loading trucks.
" 22	Charles M. Smith	Injured foot	Wellington	Bale of wool fell on it.
" 23	J. Herron	Fractured leg	Lyttelton	Whilst loading timber on s.s. "Karamu."
" 25	P. Piper	Injured foot	Lyttelton	Dropped a heavy piece of iron on it.
" 25	W. Wooster	Crushed fingers	Greymouth	Whilst putting on cross-beam.
" 28	J. Pringle	Bruised arm	Wellington	Crushed against side of hold by a sling.
" 30	O. Jackson	Broken leg	Greymouth	Sack of cement fell on it.
June 9	A. Baldwin	Injured finger	Invercargill	Hand caught in truck-door.
" 15	William Paterson	Killed	Gisborne	Fell between s.s. "Waiwera" and lighter, and was crushed.
" 20	O. Peterson	Tops of two fingers cut off	Wellington	Whilst shacking derrick-guy on to hatch-coamings guy jerked and jammed his fingers.
" 25	A. Campbell	Fatal injuries	Wellington	While traction-engine was being lowered off s.s. "Waiwera," tackle broke and case fell, striking him, causing severe injuries. Verdict returned that there was no evidence to show who was responsible for breaking of the gear.
" 29	C. Nelson	Injured back	Wellington	Whilst working on a hulk a basket struck him on the back.
July 11	G. Smith	Bruised head	Greymouth	Fell off truck.
" 12	P. Nelson	Fractured rib	Greymouth	Fell off foc'sle to deck.
" 16	T. Moriarty	Crushed fingers	Greymouth	Fingers got jammed in a sling of timber.
" 18	A. Sealmier	Bruised back	Greymouth	Caused by timber falling on him from sling.
" 28	G. Llewellyn	Lacerated fingers	Timaru	Finger caught in bight of sling of grain which he was knocking down.
Aug. 3	R. Pryde	Crushed fingers	Dunedin	While engaged in discharging cargo.
" 5	A. T. Andrews	Injured back	Lyttelton	Knocked out of a truck.
" 5	A. Beaton	Injured shoulder	Oamaru	Caused by a falling sack of potatoes.
" 6	T. Mence	Concussion	Bluff	Knocked down by a sling.
" 7	W. T. Harris	Fractured nose	Lyttelton	Struck by a sling of cargo.
" 8	G. Bullimore	Bruised head	Greymouth	Fell from truck on to wharf.
" 10	A. Nicholson	Broken wrist	Bluff	Fell out of a truck.
" 12	John McKay	Injured hand	Wellington	Thumb torn off through hand being caught in pulley-block.

RETURN OF ACCIDENTS TO WATERSIDE WORKERS REPORTED TO THE MARINE DEPARTMENT, ETC.—*continued.*

Date.	Name of Person injured.	Nature of Injury: Fatal or otherwise.	Place where Accident occurred.	Particulars as to Accident and its Cause, and Verdict of Jury if Inquest held.
1914.				
Aug. 17	Patrick Quinn	Fractured leg	Wellington	Caused by a sling of timber striking him.
" 17	William Whitley	Crushed foot	Timaru ..	Glut containing rails fell on his foot.
" 17	C. Richardson	Bruised legs	Timaru ..	Sleepers dislodged from truck by other trucks bumping into it fell on his legs.
" 18	C. Runne ..	Crushed fingers	Greymouth	Caused by sling of timber in hatch.
" 21	Thomas Moody	Fractured leg	Wellington	Caused by a bale of flax falling on him.
" 26	Ross Tait ..	Concussion	Wellington	Struck by falling sling of chaff on s.s. "Pateena."
" 26	O. Johnson	Crushed fingers	Lyttelton	Caused by a fall of timber.
" 26	William Lobb	Fractured ribs	Westport	Fell down hold.
Sept. 3	C. Charlwood	Shock ..	Wellington	Fell into hold.
" 3	L. Cagle ..	Crushed finger	Lyttelton	Whilst working s.s. "Kaituna."
" 11	C. Stuart ..	Sprained ankle	Bluff ..	Fell off truck.
" 12	T. Cunliffe	Crushed fingers	Greymouth	Landing iron in truck.
" 14	Martin Bryne	Injured head	Wellington	Struck by a basket of coal.
" 18	E. Marchant	Injured hand	Wanganui	Got his hand jammed in a bullrope and tee-iron.
" 19	W. Bryne ..	Bruised leg	Greymouth	Slipped when boarding ship.
Oct. 1	John White	Fatal ..	Wellington	Caused by falling down hold.
" 1	C. Chenery	Injured head	Lyttelton	Struck by a basket of coal.
" 3	John Sayther	Bruised ribs	Wellington	Fell into harbour.
" 7	P. Ball ..	Broken thumb	Greymouth	Caused by sling of timber against tunnel.
" 16	F. Kettenburg	Injured foot	Lyttelton	Knocked from truck on to wharf.
Nov. 6	McBride ..	Injured leg	Greymouth	Caused by falling on thwartship beam.
" 19	Edward Nelson	Injured wrist	Dunedin ..	Whilst working cargo.
" 26	J. Ripley ..	Contused arm	Wellington	Slipped and fell against hatchway.
" 28	R. Larder ..	Injured head	Wanganui	Caused by a fall from ship's side to wharf while coaling.
" 28	R. Read ..	Injured head	Wanganui	Struck by a basket of coal while coaling.
Dec. 7	J. Williams	Injured arm	Westport	Caused by a sling of cargo falling on front of hand-truck causing handles to strike him.
" 8	F. Smith ..	Injured arm and thigh	Lyttelton	Fell off staging 25 ft.
" 14	G. Halsey	Injured thighs	Lyttelton	Crushed between two trucks.
" 18	Charles Staggs	Broken leg	Bluff ..	Caused through stack of bags of sugar falling in truck.
" 23	C. J. Wood	Fatal ..	Wellington	Crushed between two trucks.
" 31	T. Cornish	Injured eye	Lyttelton	Struck in eye by piece of wood used in packing.
1915.				
Jan. 7	James Hay	Injured knee	Lyttelton	Slipped between a row of sacks.
" 15	James Lewis	Crushed foot	Wellington	Caused through a bag of sacks falling on him.
" 15	Ernest Loveridge	Injured foot ..	New Plymouth	Through sleeper slipping and rolling on to foot.
" 21	John Duncan	Lacerated finger	New Plymouth	Whilst working cargo.
Feb. 1	Jose Jackson	Killed ..	Dunedin ..	Fell down hold. Verdict: Accidental, no blame attachable to any one.
" 2	George Fisher	Injured foot	Lyttelton	Whilst traversing wagons his left foot was injured by being caught under the brake.
" 11	H. W. Martin	Fatal ..	Bluff ..	Run over by railway-truck during shunting operations. Died on way to hospital.
Mar. 5	George Newport	Broken leg	Wellington	Sling of wool swung against his leg, knocking him up against another bale and breaking his leg.
" 8	S. Heywood	Bruised head, body, and legs	Timaru ..	Bale of wool fell off truck on to deck of "Petone." Heywood fell with it, landing on the bale. Injuries slight.
" 12	G. Walin ..	Injured wrist and knee	Lyttelton	Knocked out of truck through faulty working of ship's gear.
" 15	F. Taylor ..	Fractured thigh	Lyttelton	Sling of manure fell on him.
" 15	E. Furness	Bruised head	Greymouth	Caused by timber falling out of sling.
" 23	Herman Rather	Broken nose and collarbone	Wellington	Was struck by some timber which slipped from a sling.

RETURN OF CONVICTIONS OF SEAMEN, ETC., FOR OFFENCES AGAINST THE PROVISIONS OF THE SHIPPING AND SEAMEN ACT, UNDER PROCEEDINGS TAKEN BY MASTERS AND OTHERS, REPORTED TO THE MARINE DEPARTMENT DURING THE YEAR ENDED 31ST MARCH, 1915.

Name of Person.	Position held.	Ship.	Particulars of Offence, &c.	Date of Conviction.	Penalty imposed.
Abrahamson, J.	O.S.	Remuera	Desertion	29/1/15	One month's imprisonment.
Alfrido, W.	Fireman	Hamley	"	10/11/14	Placed on board.
Anno, A.	A.B.	Verdala	Absent without leave	10/12/14	Convicted and placed on board.
Baker, H.	Fireman	Arawa	"	2/10/14	Fined £1 7s.
Baker, S.	"	Corinthic	Drunk and disorderly	30/9/14	Fined £1 10s. and 10s. 6d. medical expenses.
Bartell, J.	"	"	"	30/9/14	Fined £2.
Benson, W.	"	Arawa	Absent without leave	2/10/14	Fined £1 7s.
Bollard, J.	"	Corinthic	Drunk and disorderly	30/9/14	Fined £2.
Boyle, F.	"	Delphic	Desertion	3/7/14	Fourteen days' imprisonment.
Buckley, W.	A.B.	Ruahine	Absent without leave	12/10/14	Fined one day's pay.
Burneale, A.	Fireman	Turakina	"	25/7/14	Three days' imprisonment; placed on board.
Burrows, W.	Trimmer	Orari	"	4/9/14	Wages forfeited.
Capara, L.	A.B.	Combermere	Absent without leave and assault	28/7/14	Twenty-four hours' imprisonment.
Carstein, E.	Fireman	Ruahine	Absent without leave	11/3/15	Fined 7s. and returned to ship.
Chambrias, C.	Greaser	Orari	Desertion	6/3/15	One month's imprisonment.
Cheshire, E.	Fireman	Flora	Disobeying lawful commands	6/7/14	Fined £5 and costs 3s. 6d.
Chisholm, D.	"	Mimiro	Absent without leave	28/1/15	Fined £5 10s. and costs £1 10s.
Clevery, F.	"	Pakeha	"	5/11/14	Fined one day's pay.
Collins, J.	"	Ruahine	"	21/10/14	Convicted and placed on board.
Collopy, M.	A.B.	Kapuni	Refused to obey orders	21/5/14	Fined £1 10s.; and forfeit two days' pay.
Condatti, F.	Fireman	Hamley	Stowaway	12/11/14	Five hours' imprisonment.
Connelly, E.	"	Ngakuta	Disobeying lawful commands	26/6/14	Fined £1.
Coombes, H. T.	Deck hand	Waimana	Desertion	7/4/14	One month's imprisonment.
Cooper, J.	Fireman	Ruahine	Absent without leave	5/11/14	Fined one day's pay.
Dimsky, A.	"	Star of New Zealand	"	11/12/14	Fined two days' pay.
Ellison, W.	O.S.	Arawa	"	14/8/14	Fourteen days' imprisonment.
Ellensen, L.	Trimmer	Pakeha	"	5/11/14	Fined one day's pay.
Ericksen, C. M.	A.B.	Turakina	Desertion	6/7/14	Fourteen days' imprisonment.
Erola, O.	"	Verdala	Absent without leave	10/12/14	Convicted and placed on board.
Fannon, T.	Fireman	Bateshire	Desertion	6/3/15	Seven days' imprisonment.
Foley, B.	A.B.	Corinthic	"	26/3/15	One month's imprisonment.
Fulton, J.	Fireman	Tongariro	Absent without leave	27/5/14	Seven days' imprisonment and put on board.
Garrett, W.	"	Ruahine	"	7/10/14	Fined 7s. and forfeit two days' pay.
Gibbs, D.	"	"	"	11/3/15	Fined 7s. and returned to ship.
Glancy, M.	O.S.	Anglo-Brazilian	Desertion	2/2/15	Fourteen days' imprisonment.
Graham, F.	Fireman	Mimiro	Absent without leave	29/1/15	One month's imprisonment.
Grainger, E.	"	Kapuni	Refusing to obey orders	21/5/14	Fined £1 10s. and forfeit two days' pay.
Hamm, S. G.	Steward	Ruahine	Absent without leave	21/10/14	Convicted and placed on board.
Hartigan, W. P.	Quartermaster	Westmeath	"	25/5/14	Fined 12s. 4d. and placed on board.
Harvey, J.	Quartermaster	Delphic	Desertion	24/8/14	Pay costs.
Hasan, A.	A.B.	Ruahine	Absent without leave	12/10/14	Fined one day's pay.
Hatch, W.	"	Reticoustrunt	"	20/4/14	Fourteen days' imprisonment.
Hayter, J.	Fireman	Corinthic	Obscene language	30/9/14	Fined 10s.
Holland, T.	A.B.	Makarere	Disobeying lawful commands	28/1/15	Fined £2 and law-costs 7s.
	Fireman	Kapuni	Refusing to obey orders	21/5/14	Fined £1 10s. and forfeit two days' pay.

RETURN OF CONVICTIONS OF SEAMEN, ETC., FOR OFFENCES AGAINST THE PROVISIONS OF THE SHIPPING AND SEAMEN ACT, UNDER PROCEEDINGS TAKEN BY MASTERS AND OTHERS, REPORTED TO THE MARINE DEPARTMENT DURING THE YEAR ENDED 31ST MARCH, 1915—*continued*.

Name of Person.	Position held.	Ship.	Particulars of Offence, &c.	Date of Conviction.	Penalty imposed.
Hornsby, A.	Fireman	Delphic	Desertion	3/7/14	Fourteen days' imprisonment.
James, A.	"	Corinthic	Drunk and disorderly	0/9/14	Fined £1 10s. and 10s. 6d. medical expenses.
Jasper, W.	"	Whakatane	Stealing ship's stores	9/6/14	One month's imprisonment and forfeit £1 from wages.
Jenkins, A.	"	Rakaia	Absent without leave	4/12/14	Fourteen days.
Jessop, C.	"	Whakatane	Stealing ship's stores	9/6/14	One month's imprisonment and forfeit £1 from wages.
Johansen, J.	A.B.	Renoustrunt	Absent without leave	20/4/14	Fourteen days' imprisonment.
Johansen, J.	Trimmer	Pakeha	"	5/11/14	Fined one day's pay.
Johansen, J.	"	Hollington	"	16/5/14	Seven days' imprisonment.
Jones, E.	A.B.	Corinthic	Drunk and disorderly	30/9/14	Seven days' imprisonment.
Jorgensen, J.	Fireman	Hollington	Absent without leave	20/4/14	Fourteen days' imprisonment.
Keddy, W.	A.B.	Renoustrunt	"	5/11/14	Fined one day's pay.
Lancefield, R.	"	Pakeha	"	16/5/14	Fined £2.
Lawton, H.	Fireman	Star of Victoria	Desertion	7/10/14	Fourteen days' imprisonment.
Lees, J.	"	Matatua	Absent without leave	27/3/15	Fined 7s. costs and placed on board.
Lemmens, L.	A.B.	Pakeha	Disobeying lawful commands and absent without leave.	23/4/15	Three days' imprisonment and fined 7s. costs.
Linehan, W. J.	Trimmer	Maree	Broaching cargo	25/7/14	Three months' imprisonment.
Linstead, A.	O.S.	Arrino	Disobeying lawful commands	12/10/14	Fined £1 7s. or forty-eight hours' imprisonment.
Lloyd, R.	Fireman	Delphic	Desertion	10/7/14	Seven days' imprisonment and put on board.
Logan, R.	"	Buteshire	"	24/2/15	Fined 7s. costs of Court.
Malone, E.	"	Tokomaru	Absent without leave	8/12/14	Fined 5s.
Martin, A.	"	Norfolk	Refusing duty	19/5/14	Fined 14s.
Martin, A.	"	"	Disobedience	19/5/14	Fined 7s.
Martin, P.	"	Mapourika	Obscene language and assault	7/4/14	Fined £4.
McCarthy, E.	"	Delphic	Absent without leave	10/7/14	Seven days' imprisonment.
McCoy, I.	A.B.	Athenic	"	8/4/14	Fined 13s. 8d. costs and put on board.
McDonald, J.	Fireman	Hamley	Evading boat fare	29/10/14	Fined £1.
McGuire, J.	"	Corinthic	Absent without leave	16/3/15	Fourteen days' imprisonment.
McIntyre, C.	"	Flora	Disobeying lawful commands	6/7/14	Fined 5s. and costs 3s. 6d.
McKechnie, A.	"	Wirral	Desertion	8/2/15	One month's imprisonment and fined £5 6s. 6d.
McKenna, A.	"	"	Absent without leave	28/1/15	Fined two days' pay.
McKenna, J.	"	Waihora	"	5/12/14	Fined £3 0s. 4d. and placed on board.
McNamara, P.	Greaser	Wahine	Assault	2/5/14	Fined £2 7s.
McNeil, T.	Trimmer	Ruahine	Absent without leave	12/10/14	Fined one day's pay.
McNeil, T.	A.B.	Corinthic	"	12/2/15	Fined 7s. costs.
Melville, G.	Fireman	Waihora	Obscene language	5/12/14	Fourteen days' imprisonment.
Meskill, J.	Greaser	"	Absent without leave	5/12/14	Fined 7s., conviction.
Meskill, J.	"	"	"	5/12/14	Fourteen days' imprisonment.
Meskill, J.	"	"	"	14/12/14	Twenty-four hours' imprisonment.
Moran, M.	"	Mamari	Disobeying lawful commands	12/3/15	Fined 7s. costs and solicitor's fee £1 1s.
Morris, Thomas	Fireman	Ennerdale	Desertion	22/3/15	One month's imprisonment.
Mule, G.	"	Corinthic	"	1/10/14	Placed on board.
Murton, H.	"	Opawa	"	14/9/14	Convicted and discharged.
Newton, W.	"	Tahiti	"	6/8/14	Convicted and discharged.
Newton, W.	Seaman	"	Assault	22/7/14	Fined £5 or one month's imprisonment.
Newton, W.	"	"	Desertion	11/1/15	One month's imprisonment.
Niemi, K. H.	"	Pampa	"	9/10/14	Fourteen days with hard labour.
Nilsen, N.	A.B.	Action	"	"	"

O'Donnell, W.	Fireman	Opawa..	Evading boat fare..	7/10/14	Fined £1.
Patterson, W.	Seaman	Morning Light	Disobeying lawful commands	6/3/15	Fined £1.
Paulsen, F.	A.B.	Kaco ..	Assault ..	9/10/14	Seven days' imprisonment, hard labour, and fined 7s.
Quinn, J.	Fireman	Corinthic	Drunk and disorderly	30/9/14	Fined £1 10s. and 10s. 6d. medical expenses.
Read, G.	"	Opawa..	Desertion	1/10/14	Placed on board.
Rendall, R.	"	Arawa..	Absent without leave	2/10/14	Fined £1 7s.
Rice, G. E.	"	Turakina	"	25/7/14	Three days' imprisonment and put on board.
Richardson, V.	Trimmer	Maree..	Broaching cargo ..	25/7/14	Three months' imprisonment.
Roberts, E.	Fireman	Opawa..	Evading boat fare..	7/10/14	Fined £1.
Robertson, L. G.	Quartermaster	Delphic	Broaching cargo ..	29/7/14	Fined £3 and 15s. expenses.
Roche, P.	Fireman	Hamley	Assault on high seas on engineer on 3rd officer	20/10/14	Convicted and discharged.
Rudder, T.	"	"	"	20/10/14	Fined £5 or one month.
Samuelson, A.	A.B.	Ngakuta	Disobeying lawful commands	26/6/14	Fined £1.
Scott, W.	Fireman	Indrabarah	Broaching cargo ..	13/6/14	Seven days' imprisonment and fined 12s.
Sims, J. W.	"	Rimutaka	Absent without leave	13/6/14	Fined one day's pay and 7s. costs.
Sims, T.	A.B.	Pakeha	"	5/11/14	Fined one day's pay and 7s. costs.
Slater, H.	Fireman	Orari ..	Desertion	1/10/14	Seven days with hard labour.
Smith, A.	"	Arawa..	Absent without leave	2/10/14	Fined £1 7s.
Smith, J.	"	"	"	2/10/14	Fined £1 7s.
Sorensen, N.	A.B.	Tongariro	"	27/5/14	Seven days' imprisonment and placed on board.
Stewart, W.	Fireman	Renioustrunt	"	20/4/14	Fourteen days' imprisonment.
Stocks, H.	"	Arawa..	"	2/10/14	Fined £1 7s.
Stone, J.	"	Ruahine	Desertion	21/10/14	Convicted and placed on board.
Stone, J.	"	El Cordobes	"	22/3/15	One month's imprisonment.
Strathmore, W. R.	Steward	Remuera	"	22/3/15	One month's imprisonment.
Thorn, W.	Fireman	Manuka	Assaulting chief steward	1/6/14	Fined £5 or seven days' imprisonment.
Trainer, J.	O.S.	Whakatahe	Stealing ship's stores	9/6/14	One month's imprisonment.
Trott, G.	Fireman	Westmeath	Desertion	31/3/15	Seven days' imprisonment and 7s. costs.
Tuck, J.	A.B.	Waihora	Absent without leave	5/12/14	Fined £3 0s. 4d. and placed on board.
Turner, T.	"	Matatua	Desertion	26/3/15	Seven days' imprisonment.
Turner, T.	Fireman	Alexander	Broaching cargo ..	29/7/14	Fined £3 and 15s. expenses.
Veyanoff, R.	"	Opawa..	Desertion	1/10/14	Placed on board.
Walden, J.	A.B.	Star of New Zealand	Disobeying orders	11/12/14	Two days' imprisonment.
Wallbridge, J.	"	Verdala	Absent without leave	10/12/14	Convicted and placed on ship.
Walsh, T. P.	Fireman	Indrabarah	Broaching cargo ..	13/6/14	Seven days' imprisonment and fined 12s.
Walters, A.	Trimmer	Corinthic	Absent without leave	13/2/15	Seven days' imprisonment.
Watson, A.	"	Pakeha	Disobeying lawful commands and absent without leave	23/4/15	Three days' imprisonment and 7s. costs.
Webb, C.	"	Ruahine	Absent without leave	11/3/15	Fined 7s. costs and returned to ship.
Wendicott, E.	"	Waihora	Drunk and disorderly	30/9/14	Fined £2.
Wendicott, E.	"	Ruahine	Absent without leave	5/12/14	Fined £3 0s. 4d. and placed on board.
Whall, W.	"	"	Desertion	20/10/14	Remanded to Wellington.
Whiting, T. F.	"	Remuera	Absent without leave	22/10/14	Fined £3 8s.
Whiting, T. F.	"	Ruahine	Desertion	9/3/15	One month's imprisonment.
Wickstone, J.	"	"	Absent without leave	22/10/14	Fined £3 8s.
Wickstone, J.	"	Someret	Desertion	7/10/14	Fined 7s. and forfeit two days' pay.
Wilson, J.	"	"	"	26/1/15	One month's imprisonment.
Wire, P.	A.B.	Ruahine	Absent without leave	8/1/15	One month's imprisonment.
Woodstock, M.	Fireman	Renioustrunt	"	11/3/15	Fined 7s. and returned to ship.
		Flora ..	Disobeying commands	20/4/14	Fourteen days' imprisonment.
				9/4/14	Fined £1 7s. and placed on board.

RETURN SHOWING THE NOTICES TO MARINERS RELATING TO MATTERS WITHIN THE DOMINION
ISSUED BY THE MARINE DEPARTMENT DURING THE YEAR ENDED 31ST MARCH, 1915.

Port or Place.	Subject of Notice.
Akaroa Harbour	Light on balcony of boathouse.
Auckland Harbour	Gridiron, Julians wall.
"	Western tide-deflector.
"	Fog-signal, Queen's Wharf.
"	Wreck off King's Wharf.
"	Takapuna Wharf light altered.
"	Rangitoto Channel, cable: Prohibited anchorage.
"	Erection of beacons, Tamaki River
"	Dredging, Nelson Wharf.
"	Pile-driver off Orakei Wharf.
"	Dredging, Queen's Wharf.
"	Takapuna Wharf light discontinued.
"	New wharf lights.
"	Time-ball signal arrangements.
"	Dredging Nelson Street basin.
"	Time-ball arrangements.
"	Erection of beacon off Devonport Sandspit.
"	Dredging off Queen's Wharf.
"	Western tide-deflector.
"	Chevalier Point beacon down.
"	Erection of beacon off Devonport Sandspit.
"	Slipway, Freeman's Bay, light and dolphins.
"	Devonport Sandspit beacon.
"	Devonport Sandspit beacon, erection completed.
Bluff Harbour	Dredge-mooring buoy.
French Pass	Tide-signals.
Gisborne	Removal of beacon in entrance channel.
"	Breakwater light.
"	Breakwater light.
Golden Bay	Buoy off Terakohe Wharf.
Greymouth	South breakwater staging broken away.
Hokianga	Bar-channel shoaled.
"	Bar shoaled.
"	Bar shoaled.
"	Bar-soundings.
Kaipara Harbour	Helensville River light replaced.
"	Bar-channels.
Lyttelton	Lighted and whistling buoy off harbour entrance.
"	Lighted and whistling buoy off harbour entrance removed for cleaning.
Napier Harbour	Berthing-signals, breakwater harbour.
New Plymouth Harbour	Discontinuance of semaphore guiding-signals.
New River	Erection of beacons.
"	Erection of beacons.
"	Erection of beacons.
New Zealand coast	Time service arrangements.
"	<i>Errata</i> : Tables for azimuth great circle sailing and reduction to the meridian, "New Zealand Nautical Almanac," and "Modern Up-to-date Navigation," by H. S. Blackburne.
"	Shoal off Motunau or Table Island.
"	Examination anchorages.
"	Public traffic regulations.
"	Relighting of harbour and coastal lights.
"	Rock off Kahurangi Point.
"	<i>Errata</i> : "New Zealand Nautical Almanac" for 1914.
"	"New Zealand Nautical Almanac" for 1915 issued.
"	Blackburne's "Azimuth Tables": Use in examinations authorized.
"	Hauraki Gulf, Channel Island light.
Otago Harbour	Beacon light in Otago lower harbour.
"	Amended bearings of leading-lights.
"	Taiaroa Head fog-signal.
Pelorus Sound	Havelock, new beacons.
Pictou	Demolishing old Railway Wharf.
"	Discontinuance of green light at end of old wharf.
Stewart Island	Half-moon Bay: Buoy incorrectly charted.
"	Half-moon Bay: Buoy moved.
Tauranga	Wharf light.
Thames	Leading-lights, Tapu Creek.
Wairau Harbour	Harbour closed for traffic.
Wellington Harbour	Anchorage buoy, Worser Bay.
"	New leading-lights.
Westport Harbour	Western breakwater, obscuration of signal-station lights.
"	Western breakwater light.

RETURN SHOWING THE ORDERS IN COUNCIL WHICH HAVE BEEN ISSUED DURING THE YEAR
ENDED THE 31ST MARCH, 1915.

Date of Order.	Purpose of Order.
1914.	
April 3	Fixes royalty to be paid for shingle, sand, &c., taken from foreshores.
" 6	Amends Order in Council making regulations as to ships being provided with wireless-telegraphy apparatus.
" 7	Makes provision for the election of certain members of the Wanganui Harbour Board.
" 8	Makes provision with respect to the representation of the County of Waitemata and the Borough of Takapuna on the Auckland Harbour Board.
" 25	Approves plans of bridges over Hingaia and Whangamaire Streams, and authorizes Karaka Road Board to construct.
" 28	Licenses Northern Steamship Company (Limited), to use and occupy part of foreshore of Mahurangi River as site for wharf for fourteen years.
" 28	Revokes license of Waikawa Sawmilling Company to occupy foreshore, Waikawa Harbour.
May 13	Makes regulations re control and management of certain wharves in Kaipara Harbour under the control of the Otamatea County Council, and prescribes dues and rates for the use of the said wharves.
" 18	Approves plan M.D. 4268 of works in connection with deepening the Waipapakauri River, and authorizes and licenses Mangonui County Council to construct such works in accordance with said plan.
" 18	Approves plan M.D. 4234 of protection-works which the Wanganui Borough Council proposes to carry out at Taylorsville, and authorizes the Council to construct such works in accordance with the said plan.
" 18	Approves plan M.D. 4258 of wharf which the Napier Harbour Board proposes to construct to the eastward of the breastwork in the Iron Pot, Napier, subject to the condition that Board accepts full responsibility for the stability of the structure.
" 18	Approves plan M.D. 4242 of boat-shed and slip which Mr. George Wicks proposes to erect on foreshore at Purakanui.
" 18	Licenses Mr. George Wicks to occupy foreshore at Purakanui as site for boat-shed and slip.
" 22	Approves plan M.D. 4271 of concrete retaining-wall for Mangonui County Council.
" 22	Appoints Commission to inquire into and report as to system of canals and inland waterways and other transport improvements in Auckland District.
" 22	Validates election of Jacob Marx as member of New Plymouth Harbour Board.
" 22	Validates election of Newton King and Ebenezer Maxwell as members of New Plymouth Harbour Board.
" 22	Approves plan M.D. 4266 of Whakataue harbour-improvement works.
" 30	Amends regulations for election of members of Harbour Boards by electors of combined districts.
June 1	Approves plan of wharf for Waikato County Council at Rangiriri.
" 1	Licenses Waikato County Council to occupy foreshore at Rangiriri, Waikato River, as site for wharf.
" 1	Approves plan of wharf and shed for Waikato County Council at Whangamarino Falls, Whangamarino River.
" 1	Licenses Waikato County Council to occupy foreshore on Whangamarino River as site for wharf.
" 8	Amends regulations as to ships being provided with wireless-telegraphy apparatus.
" 8	Revokes Order in Council extending time for election of member of Lyttelton Harbour Board by combined district of Counties of Tawera, Malvern, &c.
" 8	Fixes royalty for removal of shingle, sand, &c., from foreshores, and revokes Order in Council of 3rd April, 1914.
" 23	Licenses Rangiora Timber Company to occupy site at Hokianga for stacking timber.
" 23	Declares a portion of the foreshore of Arapaoa River, in Kaipara Harbour, to be an oyster-fishery wherein Maoris only may take oysters for their own food.
July 7	Appoints W. S. Short, Esq., to be a Commission to inquire into and report as to the construction of a bridge called the "Lincoln" over Hutunuru Creek, and as to construction of other bridges over navigable creeks in the upper Auckland Harbour.
" 7	Approves plans of launch-landings for Auckland Harbour Board alongside Quay Street breastwork, between Hobson Wharf and Ferry Wharf, Auckland Harbour.
" 7	Approves plans of Waitemata County Council's bridge over Helensville River, Kaipara Harbour, and authorizes Council to construct bridge.
" 7	Approves plans of scow-landing for Auckland Harbour Board on each side of Devonport Wharf at Devonport.
" 13	Authorizes Tauranga Borough Council to construct a line in connection with its hydro-electric scheme along foreshore of Waikareao Estuary, as shown on plan M.D. 4197, and approves plan M.D. 4197.
" 20	Approves plans marked M.D. 4294 of works which Wanganui Harbour Board proposes to carry out.
" 27	Approves plan M.D. 4303 of turning-basin in Wade River for Pukeatua Road Board, and authorizes Board to carry out work.
" 27	Approves plan of boat-shed for James Macandrew on Papanui Inlet.
" 27	Licenses James Macandrew to occupy foreshore, Papanui Inlet, as a site for boat-shed.
" 27	Makes life-saving appliances rules for ships.
" 27	Extends close season for oysters at Nelson up to the 7th September, 1915.
August 3	Approves plan M.D. 4302 of bridge for Waikato County Council over Mangawara Stream, and authorizes County Council to carry out work.
" 10	Revokes rent charged for wharf-site at Tokomaru Bay.
" 10	Approves plans of structures for T. P. Lane, G. T. Clendon, Sidney Cooper, T. Hartley and Son, and A. S. Andrewes and Son on foreshore, Rawene.
" 10	Licenses Andrewes and Son, T. P. Lane, G. T. Clendon, S. Cooper, and Hartley and Son to occupy foreshore at Rawene as sites for buildings.
" 10	Licenses Leyland-O'Brien Timber Company (Limited) to occupy foreshore, Mill Creek, Whitianga Harbour, as site for timber-booms.
" 10	Approves plan M.D. 4286 of timber-booms for Leyland-O'Brien Timber Company (Limited) on Mill Creek, Whitianga Harbour.
" 24	Makes general harbour regulations for British armed merchant ships.
" 31	Approves of removal of coal-staiths at Westport being carried out by Railway Department at cost of Harbour Board.
" 31	Approves plans of road which Public Works Department proposes to construct at Opuia, Bay of Islands.
" 31	Licenses W. Russek, of Waiwera, to occupy foreshore and to reclaim such land.
Sept. 7	Approves plan M.D. 4317 of temporary launch-landings which the Auckland Harbour Board proposes to construct on the western side of "The Ferries" in Auckland Harbour.
" 7	Approves plans M.D. 4310 of repairs to fishermen's wharf at Helensville and authorizes Board to carry out work.

RETURN SHOWING THE ORDERS IN COUNCIL ISSUED, ETC.—*continued.*

Date of Order.		Purpose of Order.
1914.		
Sept.	14	Vests management of wharf at Onawe, Duvauchelles, Akaroa Harbour, in Akaroa County Council.
"	14	Approves plan of John Connolly's wharf at Miritu Bay, Queen Charlotte Sound.
"	14	Licenses Mr. John Conolly to occupy foreshore at Miritu Bay, Queen Charlotte Sound, as site for wharf.
"	14	Approves plans of wharf for Hobson County Council at Scarrots, Kaipara Harbour.
"	14	Licenses Hobson County Council to occupy foreshore at Scarrots, Kaipara Harbour, as site for wharf.
"	14	Makes by-laws under the Harbour Act, 1908, in regard to licensing of boats plying for hire.
"	21	Approves plan M.D. 4297 of wharf for R. W. Wells at Wakatahuri, Sounds County.
"	21	Licenses R. W. Wells to occupy foreshore at Wakatahuri, Sounds County, as site for wharf.
"	21	Licenses Otamatea County Council to occupy foreshore at Hukatere, Wairoa River, as site for a road-metal hopper.
"	21	Approves plan M.D. 4298 of road-metal hopper which Otamatea County Council proposes to erect at Hukatere on Wairoa River.
"	21	Vests management of Mill Wharf, Dargaville, in Hobson County Council.
"	21	Approves plan M.D. 4278 of extension which Hobson County Council proposes to make to Mill Wharf, at Dargaville.
"	21	Approves of additional machines and tools being procured for railway workshops at Westport at a cost of £1,500, and also approves of extension to lifting and tarring shop at Westport Railway Workshops at a cost of £425 to be carried out by Railway Department at cost of Westport Harbour Board.
"	21	Approves plan M.D. 4326 of a boat-shed which Wellington Model Yacht Club proposes to erect in Evans Bay, Wellington Harbour.
"	21	Approves plan M.D. 4325 of an additional slip which Mr. James Jones proposes to construct at Balena Bay, Wellington Harbour.
"	28	Authorizes the construction of bridges over Meola and Motions Creeks.
"	28	Authorizes deviation in construction of the Motukaraka Wharf, approves the plan making the modification, and licenses the Hokianga County Council to carry out the work.
October	5	Approves plans of extension of No. 1 wharf which the Timaru Harbour Board proposes to carry out.
"	5	Approves plans of a wharf which Messrs. T. Borthwick and Sons propose to construct on the Waitara River.
Nov.	2	Revokes the license authorizing the Pelorus Refrigerating Fisheries and Supply Company (Limited) to use and occupy part of the foreshore and land below low-water mark at Forsyth Bay, Pelorus Sound, as a site for a wharf.
"	16	Licenses the Akaroa County Council to use and occupy foreshore at Akaroa as a site for a boat-slip.
"	16	Approves plans of boat-slip which the Akaroa County Council propose to erect at Akaroa.
"	16	Licenses the Akaroa County Council to occupy foreshore at Robinson's Bay, Akaroa, as a site for wharf and also as a site for reclamation for road to the said wharf.
"	16	Approves plans of wharf which the Akaroa County Council proposes to erect at Robinson's Bay, and also a reclamation for a road.
Dec.	1	Extends the time for the Commission appointed to inquire into and report on the bridge over the Lincoln Creek and as to the construction of other bridges in upper Auckland Harbour.
"	1	Approves plans of additions to the wool-jetty which the Wellington Harbour Board proposes to construct.
"	1	Approves plans of the training-wall which the Wairau Harbour Board proposes to construct.
"	21	Approves plans of a store which Mrs. E. J. Cooper proposes to erect at Horeke.
"	22	Licenses Mrs. Elizabeth Josephine Cooper to use and occupy land below low-water mark at Horeke, as a site for a store.
"	21	Licenses the Kauri Timber Company (Limited) to occupy foreshore at Te Kopuru as sites for wharves, and prescribing dues for their use.
"	22	Approves plans of a launch-landing which the Auckland Harbour Board proposes to construct in Manukau Harbour.
"	22	Approves plans of extension to breakwaters which the Patea Harbour Board proposes to construct.
"	22	Approves plans of dredging proposed to be carried out by the Whangarei Harbour Board.
1915.		
Jan.	12	Approves plans of wharf for Messrs. Lichtenstein, Arnoldson, and Co. at Putiki Bay, Waiheke.
"	12	Licenses Messrs. Lichtenstein, Arnoldson, and Co. to occupy foreshore at Putiki Bay, Waiheke Island.
"	19	Makes provision for the representation of the Waipukurau County on the Napier Harbour Board.
"	19	Licenses Messrs. A. W. Cheeseman, M. Munro, and H. Norman, as trustees for inhabitants of the district to occupy foreshore at Te Hapua, Parengarenga Harbour, as site for a wharf.
"	19	Approves plans of wharf which Messrs. A. W. Cheeseman, M. Munro, and H. Norman as trustees for inhabitants of district propose to erect at Te Hapua, Parengarenga Harbour.
"	26	Appoints W. S. Short, Esq., to be a Commissioner to inquire into and investigate the working of the Wellington Harbour Board Empowering Act, 1910, so far as it affects one Robert Pitcaithly.
"	26	Makes regulations under the Fisheries Act, 1908, re stalling on mud-flats in Kaipara Harbour.
Feb.	6	Approves plan of road which Otahuhu Borough Council proposes to construct across the tributaries leading into Manukau Harbour near Otahuhu Railway-station.
"	6	Fixes closing of poll on election day for certain combined districts for members of Lyttelton Harbour Board.
"	13	Approves plans M.D. 4387 of a new wharf at Westport to replace portion of coal-staiths which is being taken down.
"	22	Approves plan M.D. 4379 of Waitemata County Council's Wharf at Shelley Beach, Kaipara Harbour.
"	22	Licenses Waitemata County Council to occupy foreshore at Shelley Beach, Kaipara Harbour, as site for wharf.
"	22	Makes a regulation under section 13 of the Harbours Amendment Act, 1910, as amended by section 14 of the Harbours Amendment Act, 1914, re exercise by attorneys of voting-papers on behalf of payers of dues or owners of British ships at election of Harbour Board members.
"	22	Approves plans M.D. 4364 and 4386 of an effluent pipe-line which Nelson Bros. (Limited) propose to lay from their freezing-works on Taruheru River to the sea.
"	24	Appoints a Commission to inquire into Auckland Harbour Board by-laws.
March	2	Makes provision for the representation of certain districts on the Lyttelton Harbour Board.
"	9	Makes regulations as to licenses for taking toheroa at Kaipara, on the west coast of the North Island of New Zealand.
"	9	Prohibits the export of vessels, boats, and craft.

RETURN SHOWING THE ORDERS IN COUNCIL ISSUED, ETC.—*continued.*

Date of Order.	Purpose of Order.
1915.	
March 12	Approves plan M.D. 4394 of storage tank which the Patea Borough Council proposes to construct in connection with proposed sewage system.
„ 25	Approves plan M.D. 4393 of M. A. Harding's Wharf, Gumstore Creek Kaipara.
„ 25	Licenses M. A. Harding to occupy necessary foreshore at Gumstore Creek, Kaipara, as a site for a wharf.
„ 25	Revokes license granted to G. J. Smith to occupy foreshore at Oruawharu River, Kaipara, as a site for wharf.
„ 25	Approves plan of market house for Native inhabitants of district of Rawene.
„ 25	Licenses Heremia Te Wake, Kahi Tipene, Moki Mitikakau, and Hohepa Heperi, as trustees for Native inhabitants of district to occupy foreshore at Rawene as site for market house.
„ 25	Licenses Hokianga Meat Supply Company (Limited) to occupy foreshore at Rawene as site for store.
„ 25	Approves plan M.D. 4402 of a store for the Hokianga Meat Supply Company, at Rawene.
„ 29	Approves plan M.D. 4044 of Otago Harbour reclamation, and authorizes Otago Harbour Board to reclaim the land.
„ 29	Approves plan of launch-moorings which Auckland Harbour Board proposes to erect alongside launch-landings in Quay Street.
„ 29	Approves plan M.D. 4398 of stone wall which Auckland Harbour Board proposes to construct in St. George's Bay, Auckland Harbour.
„ 29	Approves plan of landing-stage which Leyland-O'Brien Timber Company (Limited) proposes to erect on foreshore at Custom Street West, Auckland Harbour.
„ 29	Approves plan of dolphins and training-pier which Auckland Harbour Board proposes to erect at its 600-ton slipway, Freeman's Bay.
„ 29	Amends regulations for the election of members of Harbour Boards.

RETURN SHOWING THE NUMBER OF LAND BOILERS AND MACHINERY INSPECTED DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Boilers.

Class.	Not exceeding 5 Horse-power.	Exceeding 5 but not exceeding 10 Horse-power.	Exceeding 10 Horse-power.	Total.
Stationary	2,467	939	2,085	5,491
Portable	180	1,287	440	1,907
Totals	2,647	2,226	2,525	7,398

Machinery.

Class.	Number.
Hydraulic lifts	264
Gas-lifts	37
Electric lifts	424
Steam-lifts	95
Oil-lifts	9
Gas, hydraulic, and electric-motor hoists	371
Water-engines, water and electric motors, and water-wheels	2,940
Peltons	248
Turbines	128
Gas-engines	1,650
Oil-engines	4,870
Steam machinery	17
Total	11,053

RETURN SHOWING THE NUMBER OF SERVICE AND COMPETENCY CERTIFICATES ISSUED TO WINDING, LOCOMOTIVE AND TRACTION, AND STATIONARY ENGINE DRIVERS, AND TO ELECTRIC-TRAM DRIVERS DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Class.	Number.
Steam stationary—	
Service—First class	13
Competency—	
Extra first class	1
First class	41
Second class	224
Steam winding, competency	18
Electric winding, competency	3
Locomotive and traction, competency	144
Electric tram, competency	81
	525

RETURN OF NON-FATAL ACCIDENTS IN CONNECTION WITH MACHINERY DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Name and Address of Owner.	Description of Machinery.	Name and Age of Person Injured.	Date of Accident and Nature of Injury.	Cause of Accident, and Remarks.
Mosgiel Woollen Factory Company (Limited), Mosgiel	Worsted-drawing ..	F. H. Finnie; 16 years	3rd April, 1914; fingers lost	Finnie's left hand was caught between the rollers. His forefinger and part of second finger were crushed, and had to be amputated.
New Zealand Paper-mills (Limited), Auckland	Paper-mill ..	S. J. Allan; 39 years	6th April, 1914; thumb lost	Allan's right thumb came in contact with the revolving scraper of the rollergang, and was taken off.
McLeod, Weir, and Hopkirk, Wellington	Buzzer ..	Donald McLeod; 37 years	15th April, 1914; fingers lost	When planing a piece of timber it jumped and McLeod's left hand slipped and came in contact with the knives, causing the loss of the forefinger and thumb.
Robert Holt and Sons, Napier	Planing ..	Fred Lord; 35 years	21st April, 1914; wrist injured	Lord was freeing the side head of the machine when his wrist was gashed by one of the knives.
William Cook, Palmerston North	Wood-working ..	R. Belk; 21 years	23rd April, 1914; hand injured	While working the carriage of a jointer Belk put his hand into a hand-hole on the bed-plate, and as the carriage ran forward his hand was caught and cut.
L. D. Nathan and Co. (Limited), Auckland	Electric lift ..	F. Cunningham; 16 years	23rd April, 1914; head injured	When the lift was in motion Cunningham put his head over the lift to call an employee in the basement. His head was caught between the lift and gate, his scalp and jaw being injured.
Gregory Bros., Auckland	Gas-engine ..	John Mathews; 21 years	23rd April, 1914; head injured	Mathews went into the engine-room while the engine was in motion. His overcoat was caught in the belt-pulley and he was dragged about, receiving several bruises and a cut on his forehead.
F. Cooper (Limited), Wellington	Electric lift ..	C. Blake; 15 years	28th April, 1914; body injured	The lift was set in motion by another lad in the cellar. Blake hurriedly got on the lift while it was in motion. A brick archway over the entrance caught him about the groin, and he received a fractured pelvis and internal injuries.
New Zealand Paper-mills (Limited), Auckland	Paper-bag ..	Doris Little; 16 years	5th May, 1914; fingers injured	When cleaning up, Little attempted to pull a piece of paper from the machine, and got the third and fourth fingers of her right hand crushed between the rollers.
Andersons Limited, Christchurch	Emery grinder ..	David Blyth; 48 years	13th May, 1914; hand injured	Blyth was grinding a plate; it caught in the machine and flew out, cutting his hand.
Sims Bros., Newmarket	Circular saw ..	G. W. Sims; 29 years	20th May, 1914; hand injured	Through not looking at his work, Sims's left hand came in contact with the saw, causing the loss of three fingers.
James Mann and Co., Dunedin	Boring ..	Sydney Jones; 18 years	26th May, 1914; finger injured	The middle finger of Jones's left hand was caught in the socket for holding the drill, and was cut open.
Cossens and Black (Limited), Dunedin	Steam-hammer ..	William Crick; 40 years	28th May, 1914; finger injured	Through Crick's left hand getting too far forward on the swage the descending hammer crushed his middle finger.
Southland Frozen Meat and Produce Export Company (Limited), Invercargill	Boiler ..	Charles Rose; 33 years	29th May, 1914; head injured	While Rose was slicing the fire under the boiler a backward rush of flame and hot gases from the furnace scorched the right side of his neck, face, and head.
Alexander Harvey and Sons (Limited), Auckland	Flanging ..	A. Keep; 16 years	2nd June, 1914; finger injured	While Keep was feeding the machine the first finger of his right hand was caught and crushed.
D. K. Whyte, Auckland	Circular saw ..	D. K. Whyte; 49 years	6th June, 1914; finger injured	When Whyte was picking up chips behind the saw his finger touched the saw and was lacerated.
Phoenix Company (Limited), Dunedin	Chocolate-mixing kettle	Maud Cotton; 22 years	11th June, 1914; finger injured	Cotton used a piece of wood to lift out the chocolate, and the third finger of her left hand was caught in the mixer and injured.

A. J. Entrican and Co. (Limited), Auckland	Electric lift	James Thompson ; 21 years	13th June, 1914 ; leg injured	When empty cases were being carried on the lift one of them caught on one of the floors and caused the others to press against Thompson, who was knocked down. His leg projected over the edge of lift, was caught between the floor and the lift, and was broken at the thigh.
Otago Daily Times and Witness News-paper Company (Limited), Dunedin	Electric lift	Frank Larking ; 67 years	13th June, 1914 ; leg injured	Larking was about to send down a case, when the lift caught and then fell with him, causing compound fracture of his right leg.
Wellington Technical School, Wellington	Lathe	H. Boocock ; 17 years	15th June, 1914 ; hand injured	Instead of using the lathe-rest Boocock had the shank of the drill between his fingers. The drill went slightly off the centre, jammed in the hole, and injured the palm of his hand.
P. and D. Duncan (Limited), Christchurch	Circular saw	William Tebay ; 62 years	15th June, 1914 ; fingers injured	While sawing wood Tebay's fingers came in contact with the saw, the index and third fingers of his right hand being cut.
McLeod, Weir, and Hopkirk, Wellington	Planer	W. Hendriksen ; 48 years	16th June, 1914 ; fingers injured	Hendriksen tripped over a board and put out his hand to save himself. His right hand was caught by the knives of the machine, the thumb and end of little finger of right hand being severed.
Alexander Harvey and Sons (Limited), Auckland	Tin-stamping press	Arthur Cloke ; 16 years	17th June, 1914 ; fingers injured	The article Cloke was stamping slipped from the die and caused the forefinger of his right hand to come under the press. His finger had to be amputated.
George and Jessie Cook, Petone	Saw-stave jointer	E. Donald ; 32 years	18th June, 1914 ; finger injured	Donald's right hand slipped and the second finger was cut by the machine.
Wellington Woollen Manufacturing Company (Limited), Wellington	Carding	Albert Savory ; 23 years	22nd June, 1914 ; arm injured	When working at the machine Savory's left arm was caught in the belt and crushed between the belt and the pulley.
H. D. Preston, Invercargill	Buzzer	Alfred Harris ; 33 years	24th June, 1914 ; fingers injured	Whilst Harris was planing a piece of wood it jumped off and his left hand came in contact with the knives, three fingers being injured.
P. and D. Duncan (Limited), Christchurch	Guillotine	David Kerr ; 27 years	30th June, 1914 ; finger injured	Through Kerr neglecting to block up the quadrant while working, the top of the middle finger of his left hand was taken off by the cogs.
Moore and Mitchell, Timaru	Steam-mangle	Nellie Pendrick ; 22 years	7th July, 1914 ; hand injured	Pendrick's hand passed the guard on the mangle and was crushed between the rollers.
Christchurch Meat Company (Limited), Islington	Mincing	John Moffatt ; 22 years	9th July, 1914 ; arm injured	When Moffatt was feeding the machine his left arm came in contact with the knives, the arm being severed between the elbow and the wrist.
Andersons Limited, Christchurch	Cold-iron saw	B. Cocks ; 18 years	9th July, 1914 ; thumb injured	Cock's left thumb was caught between the cog and the frame, the top of the thumb being severed.
McArthur, Millikin, and Co. (Limited), Kaiwarawara	Drilling	Leo Mann ; 17 years	15th July, 1914 ; finger injured	The first finger of Mann's left hand was caught in the pinion on top of the machine, and was severed.
Mosgiel Woollen Factory Company (Limited), Mosgiel	Loom	Nellie Rolfe ; 36 years	15th July, 1914 ; head injured	The shuttle flew out of the loom and struck Rolfe on the forehead.
Leyland-O'Brien Timber Company (Limited), Auckland	Bevel-gearing of saw	Joseph Richards ; 40 years	16th July, 1914 ; finger injured	Through inattention Richards's finger was crushed in the bevel wheels.
P. and D. Duncan (Limited), Christchurch	Drilling	Fred Robertson ; 18 years	21st July, 1914 ; finger injured	The middle finger of Robertson's right hand was caught in the cog-wheel and severed.
McLachlan and Wright (Limited), Dunedin	Circular saw	S. Gillan ; 24 years	22nd July, 1914 ; fingers injured	Gillan used his left hand instead of a piece of wood to push the timber through the saw, part of his thumb and first finger being severed.
R. G. Spiers, Invercargill	Dom e mudguard-bending	James Cull ; 20 years	22nd July, 1914 ; arm injured	Cull's shirt-sleeve was caught in the cog-wheels and his arm was strained.
James Macalister (Limited), Invercargill	Boring	John Macpherson ; 18 years	25th July, 1914 ; finger injured	When Macpherson was placing one of the bars on the table it fell on its side and crushed the tip of one of his fingers.
New Zealand Paper-mills (Limited), Auckland	Paper-mill	P. E. Lingard ; 30 years	27th July, 1914 ; side injured	When Lingard was shifting the clutch on the machine the lever flew out and crushed his side.

RETURN OF NON-FATAL ACCIDENTS IN CONNECTION WITH MACHINERY, ETC.—continued.

Name and Address of Owner.	Description of Machinery.	Name and Age of Person Injured.	Date of Accident, and Nature of Injury.	Cause of Accident, and Remarks.
Hewetson and Teece, Awa ..	Portable engine ..	Arthur Stringer; 43 years ..	3rd August, 1914; knee injured ..	While Stringer was oiling the main-crank shaft of the engine he slipped on to a flat bar of iron and cut his knee.
James Macalister (Limited), Invercargill ..	Rolling ..	S. B. Batchelor; 15 years ..	4th August, 1914; fingers injured ..	When angle-iron wheel-rims were being rolled Batchelor's hand was caught between the iron and the roller, three fingers being injured.
Wanganui Steam Laundry Company, Wanganui ..	W r i n g e r (power-driven)	Mary Nixon; 40 years ..	10th August, 1914; fingers injured ..	When Nixon was placing clothes in the machine her fingers were caught in the rollers and bruised.
Murrays Limited, Underwood ..	Guillotine ..	Hugh McLeod; 16 years ..	21st August, 1914; nail injured ..	McLeod was cutting tin into strips when his finger got under the knife.
Aulsebrook and Co., Christchurch ..	Biscuit-cutting ..	George Davidson; 21 years ..	2nd September, 1914; fingers cut ..	When working about the cutters Davidson's right hand came in contact with the knives, the tips of three of his fingers being cut.
William Jones, Grovetown ..	Chaff-cutter ..	John Wratt; 21 years ..	16th September, 1914; fingers injured ..	Wratt was wearing a leather glove which was caught in the rollers. His hand was drawn across the knife, four fingers and the point of the thumb of his left hand being severed.
Sam Aburn and Sons, Dunedin ..	Planer ..	Charles Lowery; 25 years ..	1st October, 1914; fingers injured ..	While pushing timber into the machine Lowery's left hand slipped and came in contact with the knives, three fingers having to be amputated.
G. S. Day, Maungatautari ..	Oil-engine ..	Mary H. Hicks; 7 years ..	23rd October, 1914; scalp injured!	The girl climbed on the bails, and put her head through between the milk-tray and the shaft. Her hair was caught on the shafting and her scalp completely torn off.
Isaac Stevenson, St. Leonards ..	Gold-dredge ..	E. Donaldson; 35 years ..	24th October, 1914; eye injured ..	While the gauge-glass was being tested it burst and a piece struck Donaldson, cutting his left eye.
P. and D. Duncan (Limited), Christchurch ..	Shearing ..	A. Sadler; 40 years ..	9th November, 1914; nail injured ..	When Sadler was cutting sheet-iron the material twisted and jammed his middle finger against the knife, causing the nail to be torn off.
The Phoenix Company (Limited), Dunedin ..	Biscuit-cutting ..	E. C. Prattley; 16 years ..	9th November, 1914; fingers injured ..	Prattley was cleaning dough from the cutters while in motion when two fingers of his right hand were crushed by the cutter.
The Devonport Steam Ferry Company (Limited), Auckland ..	Shafting (driven by gas-engine)	Richard Lean; 38 years ..	20th November, 1914; arm injured ..	Lean was standing on a ladder and oiling the bearings of the shaft when he fell to the floor of shed and broke his arm.
The Greymouth Evening Star and Publishing Company (Limited), Greymouth ..	Printing ..	John Greengrass; 39 years ..	25th November, 1914; fingers injured ..	The paper bunched in passing through the machine, and instead of tearing the paper off, Greengrass tried to push the lump through the rollers. His hand was caught and three of the fingers injured.
A. and T. Burt (Limited), Dunedin ..	Planing ..	Robert Lange; 24 years ..	7th December, 1914; leg injured ..	Lange's left leg was crushed between the moving table and the bridge of the machine.
Lane, Walker, and Radkin (Limited), Ashburton ..	Hydro-extractor ..	W. P. Walker; 31 years ..	11th December, 1914; arm injured ..	Walker was holding the slack pulley and refilling the grease-cup when the machinery was in motion. His hand came under the belt of the fast pulley and he was thrown over the shaft, his arm being broken.
William Cable and Co., Kaiwarawara ..	Steam-crane ..	J. Tollan; 50 years ..	18th December, 1914; arm injured ..	When working at the crane Tollan's left arm was caught in the cog-wheels and lacerated.
The Steel Construction Company (Limited), Auckland ..	Angle shears ..	William Little; 40 years ..	18th December, 1914; finger injured ..	The middle finger of Little's right hand was caught by the lever of the machine and severed at the first joint.
P. and D. Duncan (Limited), Christchurch ..	Punching ..	F. Chapman; 33 years ..	24th December, 1914; throat injured ..	A piece of the punch broke off the machine and struck Chapman on the windpipe, causing a cut about $\frac{3}{4}$ in. long.

Ross and Glendining (Limited), Dunedin	Worsted-spinning ..	Ruth Webb ; 21 years	..	6th January, 1915 ; scalp injured	While sitting near the shaft Webb's hair fell down and was caught on the shaft, her scalp being torn off.
S. Kirkpatrick and Co., Nelson	Tin-stamping press	Peter Matthews ; 18 years	..	8th January, 1915 ; fingers injured	Matthews' left hand was caught in the press, the forefinger and thumb being severed.
S. Kirkpatrick and Co. (Limited), Nelson	Circular saw	George Woolletts ; 25 years	..	8th January, 1915 ; hand injured	When cutting a board Woolletts's left hand came in contact with the saw and was cut.
C. Collett and Sons, Makarewa	Traction-engine	J. H. Collett ; 25 years	..	12th January, 1915 ; hand injured	Collett's right hand was caught in the speed-wheel and crushed.
The Golden Bay Cement Works (Limited), Tarakohe	Screwing	George Tucker ; 36 years	..	26th January, 1915 ; thumb injured	While Tucker was screwing bolts the spanner slipped and his thumb was crushed between the cogs.
Dunedin Engineering and Steel Company (Limited), Dunedin	Rail-bending	Thomas Money ; 40 years	..	26th January, 1915 ; foot injured ..	Money's left foot slipped and came in contact with the driving-gear and was crushed.
Bryant and May, Bell and Co., Wellington	Matchmaking	William Duff ; 15 years	..	1st February, 1915 ; hand injured	Duff's hand was caught in the sprocket-chain and lacerated.
Leyland-O'Brien Timber Company (Limited), Auckland	Rip saw ..	William Soultter ; 43 years	..	3rd February, 1915 ; hand injured	Soultter was reaching over the saw to remove a piece of timber when his left hand touched the saw and was badly cut.
A. and T. Burt (Limited), Dunedin	Turret lathe	Robert McAuliffe ; 16 years	..	4th February, 1915 ; thumb injured	McAuliffe's right hand slipped and his thumb got under the chuck of lathe and was bruised.
A. and T. Burt (Limited), Dunedin	Screwing	James McBride ; 15 years	..	11th February, 1915 ; arm and shoulder injured	McBride's right arm was caught by the chuck of the lathe, his arm being twisted and his shoulder bruised.
A. and T. Burt (Limited), Dunedin	Drilling ..	Sidney Williams ; 16 years	..	16th February, 1915 ; internally injured	While Williams was drilling holes he was caught in the material, thrown under the planer, and injured internally.
Waitemata Sawmill Company, Freeman's Bay	Buzzer ..	J. Chaplin ; 45 years	..	5th March, 1915 ; finger injured ..	When Chaplin was brushing shavings off the machine his little finger touched the knives and was cut off at the first joint.
Isaac Stevenson, St. Leonards	Gold-dredge	A. James ; 36 years ..	..	19th March, 1915 ; heel injured ..	While James was putting a new side line on winch-barrel he had one foot on the frame to keep the rope even, when the pinion caught his heel and cut it.
The Steel Construction Company (Limited), Auckland	Radial drilling	A. Given ; 14 years ..	..	19th March, 1915 ; arm injured ..	Given was shifting a steel plate when the stud holding the drill in its socket caught his sleeve, and his arm was dragged against the spindle and bruised and lacerated.
Wilson's Portland Cement Company (Limited), Auckland	Crushing and grinding	— Beecher ; 45 years	..	22nd March, 1915 ; shoulder injured	When leaning over to put the belt on a moving pulley the collar of his coat caught between the belt and pulley, his shoulder being dislocated.
The Christchurch Meat Company (Limited), Islington	Refrigerating	P. H. Thompson ; 32 years	..	25th March, 1915 ; finger injured..	Through inattention the third finger of Thompson's left hand came in contact with the moving part of machine and was cut and bruised.
Phoenix Company (Limited), Dunedin	Lozenge-dough	P. Elliott ; 21 years	..	29th March, 1915 ; finger injured..	While Elliott was feeding dough into a machine his finger was caught in the rollers and bruised.

RETURN OF FATAL ACCIDENTS IN CONNECTION WITH MACHINERY DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1915.

Name and Address of Owner.	Description of Machinery.	Name and Age of Person injured.	Date of Accident and Nature of Injury.	Cause of Accident, and Remarks.
H. C. Gibbons and Co. (Limited), Wellington	Electric lift	Stephen Alderton; 20 years	14th May, 1914; fatal	It is presumed that Alderton put his head out of the door as the lift-carriage was passing through the third floor, and was caught by the ceiling and knocked down to the floor of lift.
New Zealand Sulphur Company (Limited), Auckland	Sulphur-refining retort	John L. Williams; 33 years	18th May, 1914; fatal	Through the bursting of a sulphur-retort.
James Blyth, Temuka	Circular saw	F. A. Wurm; 52 years	13th February, 1915; fatal	While sawing wood a piece bumped off the saw and struck Wurm in the abdomen, causing internal injuries which resulted in his death.
The National Bank of New Zealand, Auckland	Electric lift	Miss M. E. Dewes; 24 years	26th March, 1915; fatal	Miss Dewes was stepping from the cage at the second floor of the building, when the cage suddenly dropped and crushed her between the floor of the building and the roof of the cage.

RETURN OF ENGINEERS TO WHOM EXTRA FIRST-CLASS CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: Extra First-class Stationary, Competency.

Name of Person.	Date of Issue.	No.
Albert Siddall	December 16th, 1914 .. .	96

RETURN OF FIRST-CLASS STATIONARY-ENGINE DRIVERS TO WHOM CERTIFICATES OF SERVICE HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: First-class Stationary, Service.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1914.			1914.	
Percy Thornton	May 6	1721	William Larkin Ellery	Oct. 15	1728
James Donaldson	July 28	1722	Frank Harris	Dec. 16	1729
Andrew McDougall	"	1723	James Peter Anderson	"	1730
John Kennedy	"	1724	William Kerr McLean	"	1731
John Patrick Farrell	"	1725	Charles Gartside	"	1732
Albert Thomas Couche Stevans	"	1726		1915.	
Charles Eustace	Aug. 14	1727	David Alexander Head	Mar. 22	1733

RETURN OF FIRST-CLASS STATIONARY-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: First-class Stationary, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1914.			1914.	
John Arthur Liversedge	May 6	1690	George William Brown	Oct. 15	1711
Ernest Dodgson	"	1691	Thomas Huthersal Sebastian Goode	"	1712
Charles Arthur Perry	"	1692	David Alexander Henderson Hay	"	1713
Fred Barclay	"	1693	Herbert Palmer	Dec. 16	1714
John Connolly Lindsay	May 14	1694	Walter William Gaiger	"	1715
Joseph McCaffrey	"	1695	James Jackson	"	1716
Alexander Dunne	July 28	1696	John Harlen	"	1717
John Austin Anderson	Aug. 14	1697	Percy Clyde Payne	"	1718
Albert Victor Fairey	"	1698	Frederick Charles Bettjemann	"	1719
John Henry Campbell	"	1699	Robert Jope Gibb	"	1720
William Fleming	"	1700	Walter Zealand Walker	"	1721
Peter Christian Hoisel Petersen	"	1701	Ralph Matthews	"	1722
Nicholas Power	"	1702	Richard Pengelly	"	1723
George Francis Grant Metcalf	"	1703	Thomas Lidbelter Cooper	"	1724
Israel Blackburn	"	1704		1915.	
Gilbert Alexander Gillies	"	1705	George Warner Jackson	Mar. 22	1725
Noah Hingley	"	1706	Joseph Bergin	"	1726
David Patton	"	1707	Edward Matthews	"	1727
William John Kirker	"	1708	Charles Elliott Lavers	"	1728
George Patton	"	1709	William Robert Bendall	"	1729
David Telfer	"	1710	Charles Tennant	"	1730

RETURN OF SECOND-CLASS STATIONARY-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY
HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate : Second-class Stationary, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1914.			1914.	
James Leask	May 6	4017	Frank Roy Barber	Aug. 14	4096
Hugh Guthrie	"	4018	Elgie Edward Corner	"	4097
James Oliver Hall	"	4019	Alfred Cressweller Groom	"	4098
Walter Paterson Easton	"	4020	Henry George Morgan	"	4099
Harry Adkins	"	4021	Leo Percy Bennett	"	4100
Rowland Wilfred Langdown	"	4022	Percy Victor Stott	"	4101
Robert John Wilson	"	4023	William Ireland Hulme	"	4102
Edward George Alexander	"	4024	Henry Underhill White	"	4103
George Smith	"	4025	George Clarke	"	4104
Ambrose Seagrave	"	4026	Gilbert Benjamin Curnow	"	4105
Nicol Burns	"	4027	Henry Samuel Dick	"	4106
James Collins	"	4028	Ivan Clifton Funnell	"	4107
Harold Herbert Finn	"	4029	David Edward Henry Hollis	"	4108
John Henry Taylor	"	4030	Ashley Roy Whelham	"	4109
James Thompson	"	4031	David Wood	"	4110
Alexander McLeod	"	4032	William Alexander Adams	"	4111
Ernest Lionel Levert	"	4033	Joseph Clyde Crequer	"	4112
Charles Waters Lynch	"	4034	William Duncan	"	4113
Henry Truefitt Peary	"	4035	John Charles Findlay	"	4114
Joseph Currington	"	4036	Thomas Frederick Jago	"	4115
John Reed	"	4037	James Macilree	"	4116
James Andrew Crompton	"	4038	Harry Areeda	"	4117
Wallace William George Reeves Hansford	"	4039	Andrew Stirling Johnson	"	4118
Joseph Kilpatrick	"	4040	James Andrew McCall	"	4119
George Langtry Maginness	"	4041	William Daniel Parkes	"	4120
Adam Hamilton Meharry	"	4042	Frank Reginald Silby	"	4121
William McLachlan	"	4043	Walter Wheeler	"	4122
David Reid	"	4044	Walter Charles Porter	"	4123
Walter Smith	"	4045	Alexander Shand	"	4124
Samuel Tarver	"	4046	Karl Wilhelm Otto Lanert	"	4125
Carl Ustallo	"	4047	Frederick Walter Cook	"	4126
Mark Wallace	"	4048	George Halden Cook	"	4127
John Phillip King McKay	"	4049	James Doolley	"	4128
John Houlihan	"	4050	Edwin Foster	"	4129
John Alexander Falconer	"	4051	Harry Parker	"	4130
George William Smith	"	4052	Harry Wood	"	4131
Charles Stephen Weston	"	4053	Robert John Shaw	"	4132
Walter Manson	"	4054	James Cochran	"	4133
Donald Alexander Robertson	"	4055	David Lloyd Kendrick	"	4134
Richard Henry Wray	"	4056	Joseph Patrick Ransley	"	4135
Alexander Fraser	"	4057	Kenneth Archibald James Thompson	"	4136
Henry William Keeble	"	4058	Charles Dowie Begg	"	4137
Thomas Atkinson	May 14	4059	Erie William Rutherford	"	4138
Richard Aulsebrook	"	4060	Sydney Frederick Board	"	4139
Herbert Campbell	"	4061	Lawrence Gordon Culpan	"	4140
William Thomas Dick	"	4062	John Handley Burns	"	4141
Anthony Stewart Leslie Fagan	"	4063	Francis Charles Fleming	"	4142
George Howarth	"	4064	Robert Girven	"	4143
William Arthur Mason	"	4065	Robert Percy Kershaw	"	4144
Thomas Henry McKegg	"	4066	Robert Robson Pringle	"	4145
Donald McRae	"	4067	Frank Ramsay	"	4146
Morten Jorgen Martinus Nielsen	"	4068	Charles Ryan	"	4147
Robert William Renals	"	4069	Alexander Taylor	"	4148
Robert Sanderson	"	4070	Andrew Te Mihi	"	4149
Henry Hector Worthington	"	4071	Thomas Shaw	"	4150
William Parker	"	4072	William Henry Jebb	"	4151
Thomas Hunter	"	4073	John Alexander Bethune Brown	"	4152
Samuel Simmons	"	4074	Frank Browning	"	4153
John Charles Staneliffe	"	4075	Henry Hazelwood Giles	"	4154
Norman James Climie Macdonald	July 28	4076	David Sawers McQueen	"	4155
Arthur Leonard Eason	"	4077	William Nicolson	"	4156
Leslie John Hall	"	4078	Robert Smith	"	4157
Frederick William King	"	4079	Robert Cuthbert Nairn	"	4158
Edmond Mark Power	"	4080	David McKinlay	Oct. 15	4159
Edwin Barnsley	"	4081	Stephen Charles Feredine Lancaster	"	4160
William Ackland	"	4082	Henry Hughes	"	4161
Albin Russell Durbridge	"	4083	Robert Williamson	"	4162
Sydney John Sapsford	"	4084	Donald Cameron	Dec. 16	4163
David Archibald Cowan	"	4085	Bertram Browning	"	4164
William Bailey	"	4086	Leonard Price	"	4165
William George Wyeth	"	4087	George Allan Bowker	"	4166
Reginald Alfred Tyler	"	4088	Avon Elthorpe McAlley	"	4167
Herbert Springall Stratford	"	4089	Frederick Newman	"	4168
Thomas Branton	"	4090	Thomas Beange	"	4169
Andrew Linton	"	4091	Kenneth Oliver Campbell	"	4170
Bernard Hammersley	"	4092	James Charles Dean	"	4171
George Dickson	"	4093	John Rowe	"	4172
David Thomas King	Aug. 14	4094	Eden Stevens	"	4173
Sidney Smith Waide	"	4095	William McKenzie	"	4174
			William Edward Andrew	"	4175

RETURN OF SECOND-CLASS STATIONARY-ENGINE DRIVERS, ETC.—*continued.**Class of Certificate: Second-class Stationary, Competency—continued.*

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
1914.			1915.		
Herbert Sydney Bull	Dec. 16	4176	Hedley Hubert McKerrow	Mar. 22	4208
Eric Hamilton Clark	..	4177	William Robert Nairn	..	4209
Kenneth Malcolm Forsyth	..	4178	Henry Albert Scott	..	4210
Lawrence Herbert George Gwilliam	..	4179	James Shea	..	4211
Benjamin Leon Jerome	..	4180	Boyd Alexander Coulter	..	4212
George Henry Cross	..	4181	John Steven Doyle	..	4213
Amos Henry Garbett	..	4182	Paul Gerhard George Behn	..	4214
Percy Holloway	..	4183	Robert William Duncan	..	4215
Andrew Smith	..	4184	Harry Tinker	..	4216
William Cowin Christian	..	4185	Alexander Donald Archer	..	4217
Adam Stein	..	4186	Charles Hope Cowman	..	4218
Samuel Baird	..	4187	John Lewis Latimer	..	4219
Edgar Colson	..	4188	Cornelius Francis Sexton	..	4220
Malcolm McDonald	..	4189	Alexander McKinlay Laird	..	4221
Charles Finlay McGeehie	..	4190	Andrew Logan	..	4222
Benjamin Porter Rawcliffe	..	4191	James Weir McLean	..	4223
George Scott	..	4192	Alexander McPherson	..	4224
Harold Ivo Silby	..	4193	Frederick James Wilfred Tosswill	..	4225
Sydney Joseph Tidswell	..	4194	David McLachlan	..	4226
Francis Ivo Tuke	..	4195	George James Harvey	..	4227
John Oats	..	4196	Arthur Treadwill Gulliver	..	4228
Patrick Scullion	..	4197	Francis Joseph Hodgson	..	4229
1915.			Adam Dale Hutchison	..	4230
Alexander Russell	Mar. 22	4198	David James Irvine	..	4231
David Hill	..	4199	Francis John Christopher Robinson	..	4232
Charles Gover Stockley	..	4200	Henry Nathaniel Rowe	..	4233
Frederick Vincent Stoddard Cotterill	..	4201	Arthur Stanley Rowell	..	4234
Joseph Byatt	..	4202	Christopher James Souness	..	4235
John Bailey McClure	..	4203	Edward Tippet	..	4236
Bernard Harry Goldsmith	..	4204	George Muir Ward	..	4237
James Johnstone	..	4205	David Edmond	..	4238
Frederick John Bullard Crampton	..	4206	Charles James Moran	..	4239
Arthur Joseph William Byron	..	4207	George Hendry	..	4240

RETURN OF LOCOMOTIVE AND TRACTION ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: Locomotive and Traction, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
1914.			1914.		
Stephen Herbert Adams	May 6	2938	Thomas William Bean	May 14	2971
Nicholas Fox Jackman	..	2939	Thomas Dumbleton	July 28	2972
Robert Pritchard	..	2940	Henry Joseph Wilkinson	..	2973
James Smith	..	2941	Henry Livingstone	..	2974
John William Eteveneaux	..	2942	Sidney Ollington	Aug. 14	2975
Allan Erskine	..	2943	James Reid	..	2976
John Johnson	..	2944	Lewis Arthur Siggelkow	..	2977
Nicholas Power	..	2945	Collingwood Dunbar Chisnall	..	2978
Armand Harold McLachlan	..	2946	John Coull	..	2979
Alexander Reid	..	2947	Alexander Amos Martin	..	2980
Alfred William McKenzic	..	2948	James Robertson McCurrach	..	2981
Charles Herbert Neimann	..	2949	William Patterson	..	2982
John O'Neill	..	2950	William Kelly	..	2983
Harrap William Hopkins	..	2951	David Clinton	..	2984
Joseph Henry Jack Timmins	..	2952	John Glass	..	2985
William John McLeod	..	2953	Fred Locker	..	2986
William Rendall	..	2954	Sydney Worsfold	..	2987
James John Bullock	..	2955	Daniel Grant Dick	..	2988
Frederick Richard Drew	..	2956	Charles Jackson	..	2989
Richard John Pullen	..	2957	Joseph Harris	..	2990
David George Fullerton	..	2958	Reginald John James	..	2991
William Kean	..	2959	James Connell	..	2992
Frederick Charles Cornwell	May 14	2960	Frederick William Archer	..	2993
Charles Henry Crighton	..	2961	Valentine Armstrong	..	2994
William August Herkt	..	2962	James Hugh McMillan	..	2995
Ernest John Niccol	..	2963	James Edward Nicholls	..	2996
Albert Edward Norman	..	2964	William Wilson	..	2997
Charles Christie Palmer	..	2965	Richard James Kerr	..	2998
John Henry Davis Collard	..	2966	Ernest Farmery	..	2999
Frederick Henry Martin	..	2967	Herbert Hughes	..	3000
James John Williams	..	2968	Kenneth Ferris Abbot	..	3001
James Smeaton Smith	..	2969	Edward Stanley Bullock	..	3002
Archibald George Drummond	..	2970	Charles Sydney Chambers	..	3003

RETURN OF LOCOMOTIVE AND TRACTION ENGINE DRIVERS, ETC.—*continued.**Class of Certificate: Locomotive and Traction, Competency—continued.*

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
Arthur Williams	1914. Aug. 14	3004	Alexander John Gillies	1914. Dec. 16	3044
Robert James Warburton	"	3005	William Henry	"	3045
William Henry Bray	"	3006	Robert McRobie	"	3046
William Rambaum	"	3007	Thomas Lally	"	3047
Robert Allan	"	3008	Henry Edward Berridge	"	3048
Charles Dickson	"	3009	Arthur Edwin Hibbs	"	3049
William Mathieson	"	3010	Hugh Patrick Keenan	"	3050
Samuel Collett	"	3011	John Muir	"	3051
John Joseph Stack	Oct. 15	3012	John Stephen Stevens	"	3052
James Wilson	"	3013	Alfred Capper	"	3053
Phillip Drummond Anderson	"	3014	William Gwyn	"	3054
George William Brown	"	3015	David Brown Fea	"	3055
Charles Athelstan Ryall	Dec. 16	3016	Michael Shanahan	"	3056
Thomas Charles Evans	"	3017	Boyd Plank	"	3057
Hugh Victor Jermyn	"	3018		1915.	
Thomas Edward Holley	"	3019	Charles William O'Callaghan	Mar. 22	3058
William George Bain	"	3020	William Patterson	"	3059
Adam Corbett	"	3021	Edwin Gordon Eden	"	3060
Andrew Don	"	3022	Victor Stephen Bravo	"	3061
Michael O'Keefe	"	3023	George Charles Henry Clist	"	3062
Randolph Edward Pearson	"	3024	Kenneth Malcolm Forsyth	"	3063
Charles Selman	"	3025	William Holmes Henderson	"	3064
Archibald Stuart	"	3026	John Herrick	"	3065
George Tate	"	3027	Benjamin Melville	"	3066
John Alexander Taylor	"	3028	Charles Edward Storer	"	3067
Albert Thompson	"	3029	Francis Forsyth	"	3068
Frederick Fifield	"	3030	Ivan Hayman	"	3069
Richard Frederick Andrews	"	3031	Timothy Lyons, jun.	Mar. 22	3070
Frank Hughes	"	3032	Joseph Walls	"	3071
Charles William Marsh	"	3033	Frederick Sydney Ramlose	"	3072
Ruder Friedrich Mehrrens	"	3034	William Alexander Nicholson	"	3073
Gordon Saunders Peryman	"	3035	Neil Leslie Nicholson	"	3074
Albert Charles Small	"	3036	Edward Matthews	"	3075
John Thomson	Dec. 16	3037	William Henry Williams	"	3076
Albert Charles Blakemore	"	3038	Clarence Weeber Markham	"	3077
Patrick Joseph O'Shea	"	3039	Harry Miles	"	3078
James Vincent Cooney	"	3040	Woolsey Allen, jun.	"	3080
John Cecil Foster	"	3041	Alfred Fischer	"	3081
Henry Sydney Henderson	"	3042	Frederick Grimwood	"	3082
Robert Henry Sinclair	"	3043			

RETURN OF STEAM-WINDING-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: Winding, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
Albert Ernest Alston Smith	1914. May 6	516	William James Taylor	1914. Dec. 16	526
Charles William Eaddy	"	517	Edward Turton	"	527
Thomas Edward Ryall	"	518	Albert Ernest Ritchie	"	528
Lionel Gregory Kemp	"	519	Gilbert Gibson	"	529
George Henry Hunt	May 14	520	Allan Lawrence Stewart	"	530
Herman Henry Ingerson	"	521		1915.	
Arthur Whitaker	"	522	Robert Holland Taylor	Mar. 22	531
Alexander Dunne	July 28	523	Robert Sharman Hughes Richardson	"	532
Walter Zealand Walker	Aug. 14	524	Clarence William Welsh	"	533
Walter Foster	Dec. 16	525			

RETURN OF ELECTRIC-WINDING-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: Electric Winding, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
Paul Adams Clifford	1914. Aug. 14	46	Thomas William McAuley	1915. Mar. 22	48
Thomas Donnelly	"	47			

RETURN OF ELECTRIC-TRAM DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1914, TO THE 31ST MARCH, 1915.

Class of Certificate: Electric-tram, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
William Martin	1914. May 18	359	Monty Connolly	1914. Aug. 19	400
George Maddams	"	360	Bartholomew Davey	"	401
Clement Rodin	"	361	Peter Fraser	"	402
George Edgar Tomlinson	"	362	John Joseph Harding	"	403
Reuben Henry Trewern	"	363	James Holmes Straw	"	404
Charles Raistrick	"	364		1915.	
Harold Edwin Blakeway	"	365	Walter Yates	Jan. 16	405
Leslie Offwood	"	366	James Halsall	"	406
Samuel Henderson Cowan	"	367	Andrew McCrorie	"	407
Robert Cowan Guildford	"	368	Leonard Oswald Roden	"	408
Geoffrey Barlow Almond	"	369	Andrew Charles Wilson	"	409
Alfred John Chorley	"	370	Leslie Raeburn Thomson	"	410
Claude Simon	"	371	Arthur Richard Thomas	"	411
John Alfred Brooking	Aug. 19	372	Horace Walter Cook	"	412
Reuben Ayres	"	373	William Henry Graham	"	413
John Charles Waters	"	374	Frederick John Holberton	"	414
Robert Anderson	"	375	Eric Innes-Jones	"	415
Richard Blencowe	"	376	Ernest William Killick	"	416
George Bruce	"	377	Arthur Porter	"	417
Walter Arthur Burbery	"	378	Percival Stafford White	"	418
John George Ruddenklau Clark	"	379	Robert Raymond Huston	"	419
Lewis Herbert Coe	"	380	John Patrick Tohill	"	420
Charles Magnus Cronquist	"	381	David Burtenshaw	"	421
James Alfred Edmonds	"	382	Anthony Fernandez	Mar. 24	422
Arnold Edwin Glensor	"	383	Thomas Hilary White	"	423
George Jones	"	384	Alexander Christie	"	424
Christopher Kendal	"	385	Arthur Finnis Knowles	"	425
William Lewis Maguire	"	386	John Peterson, jun.	"	426
William Davidson Main	"	387	Henry Tibbs	"	427
Herbert Painter	"	388	Arthur Blakeway	"	428
Herbert William Prosser	"	389	Philip Henry Davies-Colley	"	429
Frederick Charles Whiterod	"	390	George William Copsey	"	430
Alfred William Adams	"	391	Stephen Lawrence Eyre	"	431
William Sarsfield Clancy	"	392	Lawrence Patrick Donnelly	"	432
John Fraser	"	393	John William Bennett	"	433
Andrew Hannah	"	394	William Edward Belcher	"	434
Edwin James Mills	"	395	John Blackburn	"	435
William Paine	"	396	Alan Herbert Bruton	"	436
Francis Henry Rainham	"	397	Albert Canute Dobson	"	437
Andrew Reekie	"	398	Robert Owen Griffiths	"	438
Wilmot Armstrong	"	399	Robert Leslie Pascoe	"	439

Auckland Harbour Board ..	Auckland ..	Dredge No. 1 ..	65 ..	6 and 14, 14 and 24 ..	First class ..	Additional ..
" ..	" ..	Dredging ..	10 ..	Two 9 ..	Second class ..	" ..
" ..	" ..	Dredge No. 3 ..	51 ..	" ..	" ..	" ..
Auckland Meat Company ..	Westfield ..	Meat-works ..	34 ..	Two 12 $\frac{3}{4}$..	First class ..	Size of cylinders amended.
Auckland Rimu Timber Company ..	Newmarket ..	Sawmill ..	5 $\frac{1}{2}$..	Two 12 $\frac{3}{4}$ and 8 $\frac{3}{4}$..	Locomotive and traction ..	Additional.
Bodle Bros. ..	Manurewa Street ..	General ..	23 ..	12 ..	Second class ..	" ..
Bond Bros. ..	Devonport ..	Timber-mill ..	61 ..	14 $\frac{1}{4}$ and 13 ..	First class ..	Size of cylinders amended.
Brett Publishing Company ..	Auckland ..	Steaming ..	35 ..	13 and 14 $\frac{1}{4}$..	" ..	Additional.
" ..	" ..	Printing ..	8 ..	5 $\frac{1}{2}$ and 11 ..	Second class ..	" ..
Burns, J., and Co. (Limited) ..	Onehunga ..	Experimental work ..	16 ..	9 $\frac{1}{4}$ and 14 $\frac{1}{2}$..	First class ..	" ..
Boyles, David ..	Rangataiki Swamp ..	Flax-mill ..	38 ..	11 $\frac{3}{4}$..	Second class ..	" ..
Carder Bros. ..	Ponsonby ..	Pottery-works ..	20 ..	10 $\frac{1}{4}$..	" ..	" ..
" ..	Helensville ..	" ..	20 ..	10 $\frac{1}{4}$..	" ..	" ..
" ..	Hobsonville ..	" ..	5 ..	7 $\frac{1}{2}$..	Locomotive and traction ..	Late B. Melville.
Christie, H. ..	Towai ..	Hauling logs ..	74 ..	One 20 and 40 and 9 $\frac{1}{4}$..	First class ..	Additional.
Clarke, R. O. ..	Hobsonville ..	Brickmaking ..	168 ..	Four 12, two 18 $\frac{1}{2}$ and 16 ..	" ..	Size of cylinders amended.
Colonial Sugar and Refining Company ..	Chelsea ..	Sugar-works ..	35 ..	14 and 10 ..	" ..	" ..
" ..	" ..	" ..	38 ..	One 14 and 10 ..	" ..	" ..
" ..	" ..	" ..	38 ..	14 and 10 ..	" ..	" ..
" ..	" ..	" ..	190 ..	Four 12, two 18 $\frac{1}{2}$, one 16 ..	" ..	" ..
" ..	" ..	" ..	141 ..	Five 16, three 14, two 22, two 24 ..	" ..	Additional.
Cook, H. F., and Co. ..	Mangamumu ..	Boiling-down ..	83 ..	Two 7 $\frac{1}{2}$..	Second class ..	Size of cylinders amended.
Comrie, James ..	Runciman ..	General ..	5 ..	7 $\frac{1}{2}$..	Locomotive and traction ..	Additional.
Devonport Borough Council ..	Devonport ..	Pumping ..	30 ..	24 and 13 ..	First class ..	" ..
Direct Supply Furniture Company ..	Auckland ..	Furniture-factory ..	65 ..	10 and 17 ..	" ..	" ..
Donald and Son ..	Grey Lynn ..	Tannery ..	18 ..	6 $\frac{1}{4}$..	Second class ..	" ..
Duder, R. and R. ..	Devonport ..	Brickworks ..	50 ..	14 ..	" ..	" ..
Eason Limited ..	Kaikohe ..	Hauling logs ..	8 ..	6 $\frac{1}{2}$ and 10 ..	Locomotive and traction ..	Size of cylinders amended.
Eclipse Timber Company ..	Morningside ..	Timber-mill ..	25 ..	12 ..	Second class ..	Size of cylinders amended.
Faithfull and McConnell ..	Nevesville ..	Log-hauling ..	18 ..	Two 8 $\frac{1}{2}$..	" ..	Additional.
" ..	" ..	" ..	20 ..	" ..	Locomotive and traction ..	" ..
Fancett, G. E. ..	Pukekohe ..	General ..	6 ..	7 ..	" ..	" ..
Ferguson, J. ..	" ..	" ..	6 ..	8 ..	" ..	" ..
" ..	" ..	" ..	5 ..	" ..	" ..	" ..
Fraser, George, and Sons ..	Auckland ..	Ironworks ..	25 ..	10 and 6 $\frac{1}{2}$..	Second class ..	" ..
Fraser, C. Limited ..	" ..	" ..	25 ..	Two 4 $\frac{1}{2}$..	" ..	Late J. M. Robertson.
Gammans Limited ..	Wairoa River ..	Planing-mill ..	45 ..	14 $\frac{1}{2}$..	First class ..	Additional.
Gardner Bros. and Parker ..	New Lynn ..	Brickworks ..	56 ..	14 $\frac{1}{2}$ and 14 ..	" ..	Size of cylinders amended.
" ..	" ..	" ..	43 ..	" ..	" ..	" ..
Greig and Bates ..	Manawabe ..	Sawmill ..	20 ..	10 ..	Second class ..	Additional.
Hallett, Thomas ..	Te Teko ..	Flax-mill ..	12 ..	Two 8 $\frac{1}{2}$..	" ..	" ..
Henderson and Pollard ..	Mount Eden ..	Joinery-works ..	46 ..	12 and 20 ..	First class ..	" ..
Hamilton and Jones ..	Marua ..	Hauling logs ..	8 ..	7 and 11 ..	Locomotive and traction ..	Late S. G. Browne.
" ..	" ..	" ..	8 ..	7 and 11 $\frac{1}{2}$..	" ..	Late Parker and Lamb, Auckland.
Hikurangi Coal Company ..	Auckland ..	Mining ..	25 ..	Two 8 $\frac{1}{2}$, one 14 ..	Second class ..	Additional.
" ..	Hikurangi ..	" ..	25 ..	" ..	" ..	" ..
Hine, A. . .	Maketu district ..	General ..	4 ..	4 $\frac{1}{2}$ and 6 $\frac{1}{2}$..	Locomotive and traction ..	" ..

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—*continued*.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.	Additional Boilers: Names of late Owners of Transferred Boilers, and also showing where Size of Cylinders are now amended.
AUCKLAND DISTRICT—<i>continued</i>.						
H.M. Prisons	Mount Eden	Stone-crushing	23½	Two 8	Second class	Additional.
Hauraki Reefs Gold-mining Company	Coromandel	Winding	25	6 and 7	Winding	Late Union Hauraki Gold-mining Company, Coromandel.
Jagger, Frank, and Co.	Richmond	Tannery	43	10	Second class	Additional.
Kauri Timber Company	Auckland	Sawmill	50	Two 20 and one 16	First class	Size of cylinders amended.
"	Whitianga	Fire-engine	24	12	Second class	Additional.
"	Auckland	Sawmill	50	Two 20 and one 16	First class	Size of cylinder amended.
"	"	"	50	"	"	"
"	"	"	50	"	"	"
"	"	Hauling	23	Two 9½	Locomotive and traction	Additional.
"	Waipuna	Sawmill	50	Two 18	First class	Size of cylinder amended.
Lane and Sons	Lake Ohia	Hauling logs	8	6½ and 11½	Locomotive	Late M. McLean, Kaiaka.
Laurie Bros	Waikumete	Brickworks	30	10	Second class	Additional.
Leyland and O'Brien	Auckland	Sawmill	36	12½	"	"
Manakau Water-supply Board	Onchunga	Pumping	25	10 and 16	First class	Size of cylinders amended.
"	"	"	25	"	"	"
Moody and Sly	Whangarei	Hauling	8	Two 6½	Locomotive and traction	Late H. Christie.
Morningside Quarries (Limited)	Morningside	Quarry	9½	Two 8½	"	Additional.
"	"	"	67	16½ and 13	First class	"
Mount Roskill Road Board	Mount Roskill	Pumping	28	Two 14	"	Size of cylinders amended; late J. J. O'Brien.
Mount Albert Borough Council	Mount Albert	Road-roller	4	4½ and 6½	Locomotive and traction	Additional.
"	"	Steaming	2½	5½	"	"
McLennan, M.	Kaiaka	Hauling timber	7½	Two 7	"	"
McDonald, G. A.	Waimana	Sawmill	14	Two 8½	First class	"
"	"	"	12	10	"	"
New Waitaia Gold-mining Company	Kuaotunu	Crushing	35	15	"	"
New Zealand Brick and Tile Company	New Lynn	Brickworks	110	13 and 22	"	Late Waitaia Gold-mining Company
New Zealand Glue-works	Onehunga	Glue-works	28	10	Second class	Additional.
New Zealand Government Lands Department	Rangitaki Swamp	Dredging	10½	Two 9	"	"
"	"	"	10½	"	"	"
New Zealand Government Mental Hospitals	Avondale	Steaming	30	7 and 9	"	"
New Zealand Government (Public Works Department)	Tauranga	Quarry	12	Two 8½	"	"
Ditto	"	Stone-crushing	14	"	"	"
New Zealand Laundry Company	Auckland	Laundry	25	10	"	"
New Zealand Paper-mills	Riverhead	Paper-mills	52	17 and 34	First class	"
"	"	"	76	"	"	"
Niccol, George	Mangere Bridge	Pile-driving	16	Two 9	Second class	"
"	Papatoetoe	Farm-work	4	4½ and 7	Locomotive and traction	Size of cylinders amended.
Northern Coal Company	Hikurangi	Mining	65	Two 10, one 12, two 8	Second class	"
Northern Roller Mills	Port St., Auckland	Flour-mills	60	12½ and 23	First class	Additional.
Northern Steamship Company	Hulk "Eure"	Holisting	25	Two 7	Second class	Size of cylinders amended.
Northern New Zealand Coal and Cement Company	Whangarei	Coal-mine	25	Two 10	Winding	"
Ditto	"	"	50	"	"	"

Old Hauraki Gold-mining Company..	Coromandel	Pumping and winding	25	Two 8, one 10	First and winding	Size of cylinders amended.
Onehunga Sawmill Company	Onehunga	Sawmill ..	22	18½ and 15	First class ..	Additional.
Parker Land and Timber Company..	"	"	40	"	"	"
"	Mechanics Bay	"	85	20 and 20½	"	"
Pongakawa Sawmill Syndicate	Auckland	"	74	22 and 22½	"	"
Pukemiro Collieries (Limited)	Kaikokohu	"	74	Two 9	Second class	"
Rangiora Timber Company	Pukemiro	Coal-mine	74	10	"	"
Redshaw, J.	Rangiora..	Sawmill ..	60	13½ and 12	"	Size of cylinders amended.
Roke Bros.	Richmond	Steaming..	18	8	"	Additional.
Ruawai Dairy Company	Matakana	Sawmill ..	31	14	"	"
Sutherland, W.	Helensville	Dairy	25	10	"	"
Suttie Bros.	Onehunga	Tannery ..	37	8 and 15	First class	"
Takapuna Sawmill Company	"	"	22	10	Second class	"
Talisman Gold-mining Company	Takapuna	Sawmill ..	25	11½	"	Size of cylinders amended.
"	Karangahake	Pumping	95	18 and 35	First class	Additional.
Taringamotu Sawmilling Company	"	"	40	"	"	"
Te Aroha Sawmilling Company	Taringamotu	Sawmill ..	17	15	Second class	Size of cylinders amended.
Thames Hospital Board	Wairongomai	Steaming..	21	"	"	Additional
Thames Valley Dairy Company	"	"	21	"	"	"
Thomas and Scanlon	Kopu	Butter-factory	16	9	"	"
Union Box Company	Tuakau	General ..	5	7½	Locomotive and traction	"
United Coal Company	Rawene	Sawmill ..	40	14½	First class	"
"	Maramarua	Pumping..	25	7 and 10	Second class	"
"	"	"	12	"	"	"
United Timber Company	Mercer	Sawmill ..	33	"	"	"
"	"	"	70	15½	First class	Late Waihi Gold-mining Company.
Waihi Gold-mining Company	Waikino	Slimes-treatment ..	70	15½	"	"
"	Waihi	Pumping and winding	40	12 and 21, 14 and 8	"	Size of cylinders amended.
"	"	"	88	60 and 110, 35 and 70,	First class and winding ..	"
"	"	"	88	15 and 30, two 8,	"	"
"	"	"	88	two 12, two 18	"	"
"	"	"	64	"	First class	"
"	"	"	145	"	"	"
"	"	"	145	"	First class and winding ..	"
"	"	"	22	Two 10	"	"
"	"	"	18	"	Locomotive and traction	Additional.
"	"	"	70	Two 18, two 8, two 6,	Winding	Size of cylinders amended.
"	"	"	70	two 8	"	"
Waihi Reef Gigantic Consolidated (Limited)	"	"	70	Ditto	"	"
"	Waihou	Pumping and winding	50	10, 16, and 26	First class and winding ..	Late Waihi Consolidated Gold-mining Company.
"	"	"	50	"	First class	"
"	Waihi	"	63	"	"	"
Warnock Bros.	Auckland	"	50	Two 10, 16, and 26	First class and winding ..	"
Whakarama Land and Timber Company	Amokoroa	Swamp works	60	16	First class	Additional.
Whangarei Co-operative Dairy Company	"	Sawmill ..	195	Two 10½	"	"
Whangape Timber Company	Whangarei	Butter-factory	23	10	Second class	"
Whangarei Freezing-works..	Whangape	Sawmill ..	70	14½	First class	Late Mitchelson Timber Company, Owahata.
White Island Sulphur Company	White Island	Freezing ..	32	"	Second class	Additional.
"	"	Sulphur-works	22	Two 5½	"	"

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.	Additional Boilers: Names of late Owners of Transferred Boilers: and also showing where Size of Cylinders are now amended.
AUCKLAND DISTRICT—continued.						
Wilson's Portland Cement Company	Warkworth	Steaming	236	21 and 44, 14½ and 29, 16½ and 30	First class	Additional.
"	"	"	67	Ditto	"	"
"	"	"	68	"	"	"
"	"	"	70	"	"	"
"	"	"	70	"	"	"
"	"	"	70	"	"	"
"	"	"	72	"	"	"
Wilson's and Carnham (Limited)	Panmure	Fellmongery	53	12	Second class	Size of cylinders amended. Late Parker-Lamb Timber Company.
Wilson and Horton	Auckland	Burning rubbish	100	9 and 13.	First class	Additional.
"	"	"	"	"	"	"
AUCKLAND SOUTH DISTRICT.						
Anderson, A. E.	Piriaka	Sawmill	26	12	Second class	Late Smith and Donald.
Barnett, Walter	Waotu	"	16	Two 9	"	Late G. M. Barnett.
Conder, J. H.	Hinuera	Traction	5	5½ and 8	Locomotive and traction	Late Eynon and Conder.
Ellis and Burnard	Ongarue	Sawmill	75	18	First class	Additional.
"	"	"	75	"	Second class	"
"	Manunui	Hauling	22½	Two 8	Locomotive and traction	Late Gammans Limited.
"	Waitoa	Flax-mill	40	14½	First class	Late R. E. Farrow.
Farrow and Liggins	Hamilton	Road-roller	5	5½ and 8	Locomotive and traction	Additional.
Hamilton Borough Council	Ohinewai	Flax-mill	25	12½	Second class	Late M. F. Burke.
Hunter, R.	Kiwitahi	Threshing	6	5½ and 10	Locomotive and traction	Late P. J. O'Donohue.
Miller, H.	Manaku	Sawmill	12	Two 7½	"	Size of cylinders amended.
Mountain Rimu Timber Company	Manaku	Butter-factory	34	8 and 16½	First class	"
New Zealand Dairy Association (Limited)	Ngaruawahia	"	70	"	"	"
"	"	"	"	"	"	"
"	Matangi	Milk-factory	90	9 and 6	Second class	"
New Zealand Packing Company	Mamaku	Sawmill	35 & 50	Two 9 and 16	First class	Boilers now coupled.
Parker, Lamb, and Co.	Te Kuiti	Dairy factory	25	7½	Second class	Additional.
Piopia Co-operative Dairy Company	Huntly	Hauling	17	Two 12	Locomotive and traction	"
Pukemiro Collieries (Limited)	Pukemiro	"	74	10	Second class	"
"	Kihikihī	Coal-mining	6	7½	Locomotive and traction	"
Shaw, W. J.	Taringamotu	Chaff-cutting	40	"	Second class	Late Melville and Bailey, Te Awamutu.
Taringamotu Sawmilling Company	Mokai	Sawmill	71	Two 12	Additional.	Additional.
Taupo Totara Timber Company	Sterling	Log-hauling	58	"	First class	Size of cylinder amended.
"	Mokai Line	Sawmill	38.8	Two 10 and two 16	"	"
"	Huntly	Hauling	75	Two 9½	Locomotive and traction	Additional.
"	Taupiri West	Pumping	20	Two 9	First class	"
"	"	Winding	14	"	Winding	Size of cylinders amended.
"	"	"	6	7½	"	"
Walker, J. S.	Hairini	Threshing	57.8	Two 9	Locomotive and traction	Late Melville and Bailey.
Waipa Railway Collieries	Te Akatea	Coal-mining	33	Two 12	First class	Additional
Waikou Valley Dairy Company (Limited)	Ngaruawahia	Hauling	20	9	Locomotive and traction	"
White, John	Waikou	Dairy factory	38	13	Second class	"
"	Raurimu	Sawmill	"	"	"	"

CANTERBURY DISTRICT.

Andersons Limited	Christchurch	Foundry	20	9 and 15	First class	Additional.
"	"	"	20	"	"	"
Akaroa County Council	District ..	General ..	9	6 and 10½	Locomotive and traction	"
Andrews Twine Company (Limited)	Rangiora ..	Flax-mill ..	9	Two 8½	Second class	"
Aulsebrook and Co.	Christchurch	Confectionery	20	7½, 11½, 8, 12½	First class	Size of cylinders amended.
Atlas Biscuit and Confectionery Company	"	Heating ..	24	"	Second class	Late G. Scott.
Bowron Bros.' Trading and Export Company (Limited)	Woolston	Tannery ..	17	Nil	"	Size of cylinders amended.
Ditto	"	"	20	"	"	"
Caldar, John	Halkett district	General ..	9	10	Locomotive and traction	Additional.
Canterbury Agricultural College	Lincoln ..	"	8	6½ and 10	"	"
" Boring Company	Chertsey ..	Boring ..	26	Two 9 ..	Second class	"
" Frozen Meat Company	Belfast ..	Freezing ..	30	10, 7, 8, and 14	First class	Size of cylinder amended.
"	"	"	70	9, 14½, 25, 10 and 17, 8 and 14	"	"
"	"	"	40	9, 14½, 25	"	"
"	"	Fellmongery	36	9, 14½, 25	"	"
"	"	"	36	9, 14½, 25	"	"
"	"	Manure-works	15	9½ and 16	"	"
"	"	"	36	9, 14½, 25	"	"
Cherry, George	Sefton district	"	4	7½	Locomotive and traction	Additional.
Christchurch City Council ..	Christchurch	Chaffcutting	6	5½ and 9½	"	"
" Gas Company	"	Road-rolling	35	9, 7, 10 ..	Second class	Size of cylinders amended.
" Meat Company	Islington	Gasworks	14	9½	Locomotive and traction	Additional.
"	Hornby	Hauling ..	30	13, 25, 18, 29	First class	Late Nelson Bros.
"	"	Refrigerating	30	13, 25, 18, 29	"	"
"	Islington	"	40	15 and 27, 16 and 30, two 10 and 18	"	Size of cylinders amended.
"	"	Freezing ..	20	Two 10 ..	Locomotive and traction	Additional.
"	Christchurch	Hauling ..	110	Turbines	First class	"
Deans, J.	"	Electricity	15	14½	"	"
"	Glentunnel	Steaming	9	Two 7	Locomotive and traction	"
"	"	Hauling ..	125	14½	First class	"
Dunedin Steel and Engineering Company	District ..	Brickworks	9	6½ and 10½	Second class	"
Gibbs, C. H. and L. G.	Halswell ..	General ..	6	8	Locomotive and traction	Late P. D. Boag.
Greenslade, John	Prebbleton	"	8	6½ and 10	"	"
"	"	Threshing	8	6½ and 10½	"	Late Smith and Son.
"	"	"	9	"	"	"
"	"	"	5	7½	"	Additional.
Hadler, B.	Amberley district	General ..	8	9	"	"
Hadecke, A.	Rangiora district	"	8	6½ and 10	"	Size of cylinder amended.
Herman, E.	District ..	"	7	8½	"	"
Holland, Alfred	Darfield ..	"	50	12½	Second class	"
Honebush Coal and Pottery Works	Christchurch	Pottery ..	14	7 and 12	"	Late Christchurch Brick Company.
Kaipoi Timber Company	Kaipoi ..	Sawmill ..	9	6 and 10½	Locomotive and traction	Additional.
Lill, Fred	Doyleston	General ..	43	Two 9 and 14	First class	Late John Boag, jun., Brookside.
Lytelton Harbour Board	Lytelton	Electric light	16	9 and 14	"	Size of cylinders amended.
"	"	"	18	Two 8½	Second class	"
"	"	Pile-driving	15	13½	"	Late Jameson Bros., Christchurch.
"	"	Pumping-dock	15	13½	"	Size of cylinders amended.
"	"	"	16	9 and 14	"	"

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.	Additional Boilers: Names of late Owners of Transferred Boilers; and also showing where Size of Cylinders are now amended.
CANTERBURY DISTRICT—<i>continued.</i>						
Lyttelton Borough Council	Lyttelton	Pumping-dock	12	Two 12	First class	Size of cylinders amended.
"	"	"	20	"	"	"
Manning and Co.	Christchurch	Road-rolling	4	4½ and 8½	Locomotive and traction	Additional.
Maw Bros.	District	Brewery	50	7	Second class	Size of cylinder amended.
Miles, Thomas	Rangiora	General	8	6½ and 11	Locomotive and traction	Late C. Lavers.
McCartney, R.	Doyleson	"	8	8½	"	Additional.
McLachlan, A.	"	Threshing	8	9	"	Size of cylinder amended.
Moorhead, Mrs. Agnes	Southbridge district	"	8	9	"	Additional.
New Zealand Glue Company	Woolston	Glue-works	35	17	Second class	Size of cylinders amended.
New Zealand Provision and Produce Company	Belfast	Soap-works	17	9	"	"
Osborne, G. W.	Doyleson	Threshing	8	9½	Locomotive and traction	Late Job Osborne.
Pearce, Edward	Kaipoi district	General	8	9½	"	Additional.
Palmer, H.	Christchurch	Sawing	8	7½ and 11½	"	Late A. Swanson.
Papanui Timber Company	Papanui	Woodwork	20	7½ and 11½	"	Additional.
Philpots, Charles	Christchurch	Hauling	7	7½ and 11	"	Size of cylinder amended.
Powell, J. R.	Waddington	General	20	11½	Second class	Late G. Dalkee.
Progress Brickworks	Christchurch	Brickmaking	8	8½	Locomotive and traction	Late J. Smith
Souden, T. G.	Aylesbury	General	8	9	"	Additional.
Stimpson, G. F.	Southbridge	Threshing	8	6½ and 11	"	"
Strachan, J. W.	Kaipoi district	General	21	Two 5½	Second class	Size of cylinders amended.
Union Steamship Company (Limited)	Lyttelton	Hoisting	21	"	"	"
"	"	General	9	9	Locomotive and traction	Additional.
Walker, James	Selwyn district	"	25	8	Second class	Late Cheviot County Council.
Ward and Co.	Christchurch	Brewery	25	10½	"	Size of cylinder amended.
Watson, Gavin	"	Sawing, &c.	18	8, two 7 and 9	"	Additional.
Westport Coal Company	Lyttelton	Hulk "Dana"	18	8, two 7 and 9	"	"
CANTERBURY SOUTH DISTRICT.						
Anderson, W.	Flemington	Chaffcutting	8	8½	Locomotive and traction	Additional.
Anderson, W. and D.	Methven	General	8	6 and 10	"	"
Ashburton Woollen-mills	Ashburton	Woollen-mills	30	18	First class	Size of cylinders amended.
Ashton Bros.	Seafeld	General	8	9	Locomotive and traction	Additional.
Beattie, Q.	Orari	"	8	6½ and 11	"	Late A. Beattie, Geraldine.
Bell, J.	Lismore	Chaffcutting	8	9	"	Additional.
Benison Bros.	Tinwald	General	8	7 and 11½	"	"
Bishop Bros.	Wheatstone	Threshing	4	6½ and 10	"	"
Canterbury Boring Company	Chertsey	Boring	26	Two 9	Second class	"
Chapman Bros.	Willowby	Chaffcutting	7	8	Locomotive and traction	"
Chisnall, W.	Hinds	General	8	6 and 10½	"	"
Christchurch Meat Company	Smithfield	Heating	40	Nil	Second class	Size of cylinders amended.
Church, E. G.	"	Freezing	83	16 and 29	First class	Additional.
Cleeve Bros.	Ashburton	General	8	9	Locomotive and traction	"
"	Methven	"	6	6 and 9½	"	"

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.	Additional Boilers; Names of late Owners of Transferred Boilers; and also showing where Size of Cylinders are now amended.
CANTERBURY SOUTH DISTRICT—continued.						
Timaru Harbour Board	Timaru	Hauling	33	Two 12½	Locomotive and traction	Additional.
Timaru Milling Company	"	5-ton crane	7	Two 9	Second class	"
Tozer, H. J.	"	Flour-mill	140	16 and 29	First class	"
"	Levels	General	8	6½ and 11½	Locomotive and traction	"
White, L.	"	"	8	9	"	"
Wilson, F.	Rakaia	Chaffcutting	8	9	"	"
Winton Bros.	Ashburton	General	6	8	"	"
"	Cave	Threshing	8	6½ and 11	"	Size of cylinder amended.
HAWKE'S BAY DISTRICT.						
Barry, D.	Gisborne	Brewery	62	12	Second class	Additional.
Brausch, C.	Hastings	Chaffcutting	8	6½ and 11	Locomotive and traction	"
Cave Bros.	Gisborne	Sawmill	46	14	Second class	"
Codd, A. C.	"	Hauling	6	5½ and 9	Locomotive and traction	Late E. Turpin.
Colley, J.	Napier district	Sawmill	23	13½	Second class	Additional.
Dannevirke Borough Council	Gisborne	Road-roller	52	5½ and 8½	Locomotive and traction	"
Gisborne Borough Council	Gisborne	Traction-work	6	5½ and 7¼	"	"
"	"	"	6	"	"	"
"	"	"	4	Two 5	"	"
"	"	"	8	6 and 9½	"	"
Gisborne Harbour Board	"	Road-roller	10	Two 10	Second class	"
"	"	Hauling	26	Two 8	"	"
"	"	Hoisting	21	8½	"	"
Gisborne Laundry Company	"	Laundry	78	9, 6, 12, 22	First class	"
Gisborne Sheep-farmers' Co-operative Freezing Company	"	Freezing	20	9	Second class	"
Griffen, J.	Napier	Brickwork	52	5½ and 8½	Locomotive and traction	"
Hastings Borough Council	Hastings	Road-roller	58	Two 7	"	"
"	"	Hauling	95	6½ and 11	"	"
Hawke's Bay County Council	Hawke's Bay	Freezing	20	15 and 30	First class	"
Hawke's Bay Farmers' Freezing Company	Whakatu	Butter-factory	7	8½	Second class	"
Hawke's Bay Dairy Company	Dannevirke	Hauling	6	6 and 10	Locomotive and traction	"
Hawke's Bay Timber Company	Hapier	"	7½	"	"	"
Holt and Sons	Hastings	"	40	16	"	"
"	Napier	Sawmill	5	5½ and 10	First class	Size of cylinder amended.
Jones, W. S.	Puketapu	Hauling	21	Two 12	Locomotive and traction	Additional.
Kotuku Oilfields Syndicate	Waipatiki	Oil-boring	14	9	First class	Size of cylinders amended.
Langlands and Co.	Gisborne	Hauling	6	6½	Locomotive and traction	Additional.
Leipst, A.	Hastings	Well-sinking	12	Two 8½	Second class	"
Manson and Clark	Napier	Sawmill	6	6 and 10½	Locomotive and traction	"
Mills Bros.	Hastings	Hauling	16	8 and 14	First class	"
McLeod and Gardner	"	Sawmill				

Napier City Council	Napier	Pumping	40	10, 17½ 21 and 42 9½ and 12¾	First class	Size of cylinders amended.
Napier Harbour Board	"	Dredge	100	20	First class and two seconds	Late Paterson's Freehold Gold-dredging Company.
Napier Hospital Board	"	Steaming	42	6	Second class	Additional.
Neilson, C. C.	Dannevirke	General	6	8	Locomotive and traction	"
Nelson Bros.	Gisborne	Freezing-works	42	12 and 13, and 25	First class	"
"	"	"	42	19 and 28, 18 and 30½	"	Size of cylinder amended.
"	Tomoana	"	90	6 and 10½	"	Additional.
"	Hastings	Hauling	6	6½ and 11	Locomotive and traction	"
"	Westshore	Threshing	6	19 and 28	First class	Size of cylinders amended.
North British and Hawke's Bay Freezing Company	"	Boiling-down	50	"	"	"
Ditto	Woodville	Hauling	50	8	Locomotive and traction	Late T. T. Parke.
Parke and Co.	Te Karaka	Sawmill	14	10 and 14	First class	"
Peacocke, H.	Hastings	Threshing	7	6½ and 11½	Locomotive and traction	"
Shanks, G.	Gisborne	Sawmill	20	12	Second class	Additional.
Smith, George	"	"	25	12	"	"
Thomson, C. and F. W.	Makaretu	"	30	Two 8½	"	Change of ownership.
Tokomaru Freezing Company	Tokomaru	Pile-driving	107	18 and 22	First class	"
Tokomaru Sheep-farmers' Freezing Company	Tokomaru Bay	Freezing-works	32	9	Second class	Late A. G. Lightband.
Totara Leather Company	Tomoana	Tannery	37	21	First class	Size of cylinder amended.
Woodville Bacon-factory	Woodville	Freezing	37	21	"	Late Frimley Canning Company.
"	"	"	37	21	"	"

MARLBOROUGH DISTRICT.

Blenheim	..	..	8	7 and 14½	..	Locomotive and traction	Additional.
Rai and Pelorus Valleys	..	..	12	Two 9	..	"	Size of cylinders amended.
Pelorus Valley	..	..	28	10½	..	Second class	Late Bryant Bros., Pelorus Valley.
Pictou	..	Freezing works	106	22 and 2, 10½, two 10, seven 6, 4½, two 3	..	First class	Additional.
Spring Creek	..	Traction-work	8	9	..	Locomotive and traction	"
Blenheim	..	"	8	9	..	"	"
"	..	"	8	9	..	"	"
Rai Valley	..	Sash and door factory	15	7 and 11½	..	Second class	Late Smart Timber Company.
The Elevation, Pictou	..	Locomotive	10	10	..	Locomotive and traction	Additional.
Wakamarina	..	Bush engine	14	Two 7½	..	"	"
Onamalutu	..	Sawmill	36	16½	..	First class	Late Charles W. Smart, Canvastown.
"	..	"	20	Two 10½	..	"	Additional.

NELSON NORTH DISTRICT.

Nelson	Takaka district	Pumping	23	10 4½ and 6½ 5 and 8½	Second class	Size of cylinders amended.
Baigent, H.	"	Sash and door factory	23	10	Second class	Additional.
Bartlett, Robert	"	Traction-work	4	4½ and 6½	Locomotive and traction	"
Challis Bros.	Waimea West	Threshing and chaff-cutting	8	5 and 8½	"	"
Dodson, J. R.	Nelson	Brewery	20	6	Second class	"
Jessop, W. A.	Waimea	Traction-work	8	8	Locomotive and traction	Late H. H. Schwass.
Kirkpatrick, S., and Co.	Nelson	Preserving	50	9, two 8, and 16	First class	Size of cylinders amended.
Motueka Harbour Board	Motueka	Dredging	25	Two 12	"	"
Nelson Steam Laundry	Nelson	Steam laundry	20	7	Second class	Additional.

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—*continued*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.	Additional Boilers: Names of late Owners of Transferred Boilers: and also showing where Size of Cylinders are now amended.
NELSON NORTH DISTRICT—<i>continued</i>.						
Prouse and Saunders	Mangarakau	Locomotive	9	Two 8	Locomotive and traction	Size of cylinders amended.
Seaford Coal Company	Puponga	"	8	7	"	Additional.
"	"	"	8	Two 7	"	Late Puponga Coal Company
"	"	Coal-mining	40	Three 8, one 18, one 9	First class	"
"	"	"	47	Ditto	"	"
"	"	"	40	"	"	"
Webby, G. E.	Waimea	Traction-engine	6	6 and 10½	Locomotive and traction	Additional.
Win Bros.	Dovedale	Traction-work	6	8	"	Formerly leased by G. Webby.
NELSON SOUTH DISTRICT.						
Bunn, R.	Murchison	Sawmill	14	Two 9½	Second class	Additional.
Consolidated Goldfields of New Zealand (Limited)	Where required	Hauling	8	9	Locomotive and traction	"
"	Waimea	Mining	56	Two 14, two 14, one 16, two 7, one 4½	First class	Size of cylinders amended.
"	"	"	8	9	Locomotive and traction	Additional.
Downie Bros.	Reefton	Hauling	30	8 and 12½	First class	"
Lines, J.	Murchison	Sawmill	20	"	"	"
Lockington, E.	Inangahua Junction	"	20	"	"	"
Newman, E. W.	Reefton	"	20	"	"	"
"	Fairdown	"	30	Two 8	Second class	"
Slab Hut Gold-dredging Company	Tawhiti	Dredging	20	7 and 11¼	"	Late of J. Hawes, Westport.
"	"	"	26	Two 9	"	Size of cylinders amended; late Hossy, Cameron.
Stratford and Blair	Grey-mouth district	Unknown	60	12½ and 20	Locomotive and traction	Tacon, and Co.
Wealth of Nations Gold-mining Company	Crushington	Mining	60	"	First class	Late E. A. Whorton.
"	"	"	60	"	"	Late Consolidated Goldfields of New Zealand (Limited).
Westport Coal Company	Millerton	"	86	Four 14½, one 20, one 30, one 6½	"	Size of cylinder amended.
"	"	"	55	Ditto	"	"
"	"	"	55	"	"	"
"	Brake head	"	84	Three 16, six 8, four 7, three 6, two 5, one 18, six 10	"	"
"	"	"	84	Ditto	"	"
"	Coalbrookdale	"	84	10 and 16, three 14, two 12	"	Additional.
"	Kiwi	"	50	Three 14, two 12, two 6	"	Size of cylinders amended.
"	"	"	50	Ditto	"	"
"	Brake head	"	84	One 18, three 16, 6, and 10, six 8, four 7, three 6, two 5	"	"
"	"	"	84	Ditto	First class and winding	"

Westport Coal Company	Kiwi	Mining	84	Three 14, two 12, two 6	First class and winding	Size of cylinders amended.
"	"	"	50	Ditto	"	"
"	"	"	50	"	"	"
"	Westport	"	84	"	"	"
Westport Harbour Board	"	Boring plant	16	"	Second class	Additional.
"	"	Hauling	20	Two 9½	Locomotive and traction	"
Westport Stockton Coal Company	Ngakawau	Mining	95	Two 12, two 27, two 26, two 8, one 6, one 5½	First class	Size of cylinders amended.
"	"	"	95	Ditto	"	"
"	"	"	95	"	"	"
"	"	"	95	"	"	"
OTAGO DISTRICT.						
Beattie, David, jun.	Tapanui district	Threshing	8	9	Locomotive and traction	Additional.
Brown, J. P.	Lawrence district	General	8	9	"	Late Spiers.
Brown, Mat	Silverstream district	Threshing and chaff-cutting	9	9	"	Additional.
Brown, A. and R.	Blue Mountain	Sawmill	14	7½ and 11½	Second class	"
Bruce Dredging Company	Glenore	Gold-dredge	18	8 and 13	First class	"
Bruce Woollen-mills Company	Milton	Woollen-mills	16	12 and 21	"	Size of cylinders amended.
Burt, A. and T.	Dunedin	Machine tools	30	Two 9, one 10, one 16	"	Additional.
Cameron Bros.	Glenore	Gold-dredge	20	8 and 12½	"	Late Cameron's Freehold Dredging Syndicate.
Chalmers, R.	Oamaru	Threshing	8	9½	Locomotive and traction	Additional.
Christie, T. B.	Allanton district	"	6	8	"	Size of cylinders amended.
Clark, D.	Maleno	General	8	6½ and 11	"	Late O'Neill.
Christchurch Meat Company	Pukeuri Junction	Freezing	45	13 and 21	First class	Size of cylinders amended.
"	Burnside	"	80	12 and 22, 11 and 20, 8 and 10	"	"
"	"	"	95	12 and 22, 11 and 20	"	Additional.
"	"	"	80	12, 22, 20, 11, 10, 8	"	Size of cylinders amended.
"	"	"	53	13 and 21	"	"
"	Pukeuri Junction	"	45	"	Locomotive and traction	"
Cooney, J.	Oamaru	Chaffcutting only	7½	8	"	Late James Muir.
Creighton and Reed Bros.	Kokonga	Threshing only	8	9½	"	Size of cylinder amended.
"	"	Chaffcutting	8	9	"	Additional.
Crooks, White, and Watson	Ahuriri Flat	Sawmill	14	Two 8½	Second class	"
Crown Roller Mills	Dunedin	Flour-mills	40	Nil	"	Cylinders removed.
Currie Bros.	Palmerston S. district	Hauling	8	9	Locomotive and traction	Additional.
Dawson and McKechnie	Ratanui	Sawmill	20	Two 10	Second class	"
Douglas, Alex.	Oamaru	"	8	9½	Locomotive and traction	Late C. Bennett.
Dunedin City Council	Dunedin	General gasworks	95	13 and 22	First class	Additional.
Dyer, L. S.	Silverstream	Condensed-milk factory	30	7	Second class	"
"	"	Ditto	20	7	"	"
Falconer, James	Tapanui district	Threshing	8	9	Locomotive and traction	"
Forbes Bros.	Herbert	"	8	9	"	"
"	"	"	6	8	"	"
Geddes, John	Palmerston S. district	Chaffcutting	8	9	"	"
Geddis, W.	Tiapeka Mouth	"	4½	6½	"	Late T. D. Heenan.
"	"	"	9	9	"	Additional.

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—continued

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.	Additional Boilers; Names of late Owners of Transferred Boilers; and also showing where Size of Cylinders are now amended.
OTAGO DISTRICT—continued.						
Hamilton, J.	Palmerston S. district	Chaffcutting	8	9	Locomotive and traction	Additional.
Harris, A.	Kyeburn district	Threshing and chaff-cutting	8	9 $\frac{3}{4}$	"	"
Hill and Frame	Herbert district	Ditto	8	9 $\frac{1}{4}$	"	Size of cylinder amended.
Jackman and Son	Reidston	Chaffcutting	7	5 $\frac{3}{4}$ and 9 $\frac{3}{4}$	"	Late Jackman and Dillon.
Jones, J. E.	Brighton	"	8	9 $\frac{3}{4}$	"	Additional.
Jones, C. B.	Milton	Brick and pottery works	18	14 $\frac{1}{2}$	Second class	Size of cylinder amended.
Kerr and Harper	Tawhiti	Sawmill	16	Two 10	"	Late H. Lyders.
King, Dr. J.	Tahakopa	"	27	9 and 14	"	Late Hogg and Co.
Kirkland, W.	Middlemarch	General	6	5 and 10	First class	Size of cylinders amended.
Knowles, W. W.	Gore district	Threshing	9	6 $\frac{1}{2}$ and 11	"	Additional.
Koppitt, H.	"	"	8	9	Second class	"
Layburn, J., and Son	Dunedin	Tallow-works	28	Nil	Locomotive and traction	"
Ledingham, G.	Georgetown	Threshing	8	9	"	"
Leslie, Alexander	Milburn	"	8	9	"	"
Macadie Bros.	Ida Valley district	Threshing and chaff-cutting	8	9	"	"
Meek Bros.	Enfield	Chaffcutting	7	8 $\frac{1}{2}$	"	Late Mitchell Bros.
Milburn Lime and Cement Company	Inch Valley	Hauling	8	6 $\frac{1}{2}$ and 10 $\frac{1}{2}$	"	Additional.
Montgomery and Anderson	Wainaea South	Threshing	30	Two 10	Second class	"
Murray, Roberts	Middlemarch district	General	9	9	Locomotive and traction	"
McCulloch, T.	Ngapara	Threshing	8	9	"	"
McCulloch and Son	Kahuka	Sawmill	14	Two 8 $\frac{1}{2}$	Second class	"
McDonald, J., jun.	Middlemarch	Threshing only	8	9	Locomotive and traction	"
McSkimming and Son	Benhar	Pipe-making	16	7 $\frac{1}{4}$ and 11 $\frac{3}{4}$	Second class	"
Newbigging Bros.	Milton district	Threshing	6	8	Locomotive and traction	"
New Zealand Government Public Works	Ida Valley	Hauling	9	7 $\frac{1}{4}$ and 11	"	Size of cylinder amended.
New Zealand Paper-mills Company	Woodhaugh	Paper-mills	80	14 $\frac{1}{2}$ and 24	Locomotive and traction	Late City Council, Christchurch.
Oamaru Borough Council	Oamaru	Road-roller	7	8 $\frac{1}{4}$	First class	Additional.
Ominai Dairy Company	Ominai	Dairy factory	21	5	Second class	Size of cylinder amended.
Otago Hospital and Charitable Aid Board	Dunedin	Heating and cooking	56	9	"	Additional.
Otago Harbour Board	"	Pile-driving	5 $\frac{1}{2}$	Two 9	Locomotive and traction	"
Otekahe Special School	Otekahe	Sawing wood	8	9 $\frac{3}{4}$	"	"
Overton Bros.	"	"	10	6 $\frac{1}{2}$ and 11 $\frac{3}{4}$	"	Late Harris Bros.
Robertson Bros.	Henley district	Threshing	6	8	"	Additional.
Ryan, M.	Inchcolm district	Threshing	8	6 $\frac{1}{2}$ and 10 $\frac{1}{2}$	"	"
Simc, A.	Waitahuna district	General	8	9	Second class	Late Adams and Cardus.
Southgate Bros.	Mount Cargill	Sawmill	18	11	Locomotive and traction	Additional.
"	Kapuni district	Threshing	8	9	"	"
Speight, J., and Co.	Dunedin	Brewery	8	9	Second class	Size of cylinders amended.
Stirling Dairy Company	Stirling	Dairy factory	20	Nil	"	Additional.
			28	8	"	"

Stevenson, Charles	..	Port Chalmers	..	Steam-wagon	..	5	Two 4½	..	Locomotive and traction	Late Charles Stevenson.
Tieri and Peninsula Milk-supply Company	..	Dunedin ..	..	Dairy factory	..	20	8 and 14	..	First class	Additional.
Wallis Gold-dredging Syndicate	..	Moa Flat	..	Gold-dredge	..	14	7 and 11	..	Second class	"
Willcock, O.	..	Dunback district	..	General ..	..	8	8½	..	Locomotive and traction	"
Wilson, J. and J.	..	Te Kouka	..	Threshing	..	7	5½ and 9½	..	"	"
SOUTHLAND DISTRICT.										
Aiken, John	..	Wendon Valley	..	General ..	..	7	8	..	Locomotive and traction	Additional.
Allen, Thomas	..	Pukerua district	..	Threshing	..	8	9	..	"	Late R. Ballock.
Armour Johnson (Limited)	..	Wyndham	..	Machine-shop	..	16	5	..	Second class	Additional.
Aspray, John	..	Wallacetown	..	Soap-works	..	35	10	..	"	"
Ballock Bros.	..	Riversdale district	..	Threshing	..	8	9	..	Locomotive and traction	"
"	..	"	..	"	..	8	9	..	"	"
Bichan, G.	..	Mataura ..	..	Flax-mill..	..	20	10½	..	Second class	Late A. W. Johnstone.
Bird Bros. (Limited)	..	Otautau ..	..	Sawmill ..	..	25	12	..	"	"
"	..	"	..	Hauling ..	..	14	Two 8	..	Locomotive and traction	Late Bird and Schwan.
Boardman, H. J.	..	Croydon ..	..	Pumping and hauling	..	16	6½ and 14	..	Second class	Additional.
Bridgeman, J. and H.	..	Mabel Bush	..	Chaffcutting	..	6	8	..	Locomotive and traction	Late Edwards and Party, Gore.
Butler, C. J.	..	Winton district	..	"	..	4½	6½	..	"	Late W. McRobie.
Caird, J.	..	Wyndham	..	General ..	..	8	9½	..	"	Additional.
Cody, P., jun.	..	Riversdale district	..	Threshing	..	9	9	..	"	Late M. J. Hickey.
Collet, C.	..	Makarewa	..	Chaffcutting	..	6	7½	..	"	Additional.
Craig, Walter B.	..	Riversdale	..	"	..	8	9	..	"	Late J. and J. McIntyre.
Crane, Thomas	..	Edendale	..	General ..	..	7	5½ and 9	..	"	Late Ballock Bros.
Crawford, R.	..	Mataura ..	..	Threshing	..	8	9	..	"	Additional.
"	..	"	..	General ..	..	8	9	..	"	"
Dixon, F.	..	"	..	Chaffcutting	..	3½	6½	..	"	Late Dixon Bros.
Ferries, Alex.	..	Riverton district	..	Threshing	..	8	9	..	"	Additional.
Garrie Bros.	..	Mabel Bush	..	Chaffcutting	..	8	9	..	"	"
Glenham Sawmilling Company (Limited)	..	Glenham	..	Log-hauler	..	17	9	..	Second class	Size of cylinder amended.
Grant Bros.	..	Lime Hills district	..	General ..	..	8	9	..	Locomotive and traction	Additional.
Hailliday, William	..	Kamahi ..	..	Stumping	..	8	9	..	"	"
Harrington Bros.	..	Fairfax ..	..	Sawmill ..	..	20	Two 10	..	Second class	"
Holland, James	..	Gore ..	..	General ..	..	8	6½ and 10½	..	Locomotive and traction	"
Hood, John	..	Balfour district	..	Threshing and chaff-cutting	..	8	9	..	"	Late W. McDonald.
Invercargill Borough Council	..	Otatara ..	..	Reclamation department	..	8	Two 7½	..	"	Additional.
Jenkins, A. R.	..	"	..	Ditto	..	10	Two 7	..	"	"
Kay, David	..	Wallacetown	..	Threshing and chaff-cutting	..	8	9	..	"	"
Kilkelly Bros.	..	Mataura district	..	Ditto	..	8	9½	..	First class	Size of cylinder amended.
Magnum Borum Gold-dredging Company	..	Forest Hill	..	Sawmill ..	..	54	15½	..	One first, two second	Additional.
Marshall, J. M.	..	Middle Creek	..	Gold-dredge	..	26	8 and 13	..	Locomotive and traction	Size of cylinders amended.
"	..	Wyndham district	..	Chaffcutting and hauling	..	8	9	..	"	Late Marshall Bros.
Melvin Bros.	..	Tokonui ..	..	Sawmill ..	..	20	Two 11	..	First class	Late J. Melvin, Tokonui.
Miles, A.	..	Winton district	..	General ..	..	8	9	..	Locomotive and traction	Additional.
McDonald, John	..	Wakaia district	..	Threshing and chaff-cutting	..	8	6½ and 10½	..	"	"
"	..	"	..	Ditto	..	8	"	..	"	"

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.	Additional Boilers: Names of late Owners of Transferred Boilers; and also showing where Size of Cylinders are now amended.
SOUTHLAND DISTRICT—continued.						
McIvor, W.	North Chatton	Hauling ..	20	Two 6½	Second class	Late A. Nicholson.
McIntosh and Blair	Waimahaka	Chaffcutting ..	4½	6½	Locomotive and traction	Additional.
McLachlan Bros. ..	Tahakopa	Sawmill ..	20	Two 10	Second class	Late Jarvis and Foslender.
McRobie Bros. ..	Mataura ..	Threshing ..	8	9	Locomotive and traction	Late Bray Bros., Jacobstown.
McRobie and Tressler	"	Chaffcutting ..	6	7	"	Additional.
Nees and Scott ..	Charlton Valley	Gold-dredge ..	20	7 and 11½	Second class	Size of cylinders amended.
New Zealand Government Mines Department	Waikana ..	Borer ..	4	8	Locomotive and traction	Additional. Size of cylinder amended.
New Zealand Pine Company	Gorge Road	Sawmill ..	52	14	Second class	Additional.
New Zealand Sugar of Milk and Casein Company (Limited)	Edendale ..	Factory ..	144	12	"	"
Nightcaps Coal Company (Limited) ..	Nightcaps	Winding and air-compressor	60	One 16, two 8, two 8	First class	Size of cylinders amended.
O'Connor, Vincent	"	Ditto ..	120	6½ and 11	"	Additional.
Orr, R. A.	Balfour ..	Threshing and chaff-cutting	7	8½	Locomotive and traction	"
Paterson Bros. ..	Mataura Island	Flax-mill ..	14	Two 8½	Second class	Late W. Shaw.
Perry, Smith, and Co.	Wakapatu	Sawmill ..	14	14	"	Late Perry Bros.
Southland Butchers' By-product Company (Limited)	West Plains	Fellmongery	16	7 and 11	"	Late W. Cawthorne.
Southland County Council ..	Southland County	General ..	6	5½ and 9½	Locomotive and traction	Size of cylinders amended.
Templeton, C. ..	Green Hills	Stone-crusher	20	Two 10	"	Additional.
Te Tua Dairy Factory Company	Waimahaka	Flax-mill ..	14	Two 8½	"	Size of cylinders amended.
Todd and Wilson	Te Tua ..	Dairy factory	5½	5	"	Additional.
Thistle Coal Company	Waikwi ..	Brickworks	16	11½	"	"
Thursfield, F. ..	Nightcaps	Hauling ..	18	5 and 10	"	Size of cylinders amended.
Turnbull, John ..	Pukerua ..	Chaffcutting	6	7	"	Additional.
Waikaka Deep Lead Gold-dredging Company.	Waikaka Valley	Gold-dredge	16	7½ and 11	Three second class	"
"	No. 1 Dredge, Little Waikaka	"	20	8½ and 13	First class	Size of cylinders amended.
Waikaka Coal Company (Limited)	Ditto ..	"	40	8½ and 17	First and two second class	"
Wairoa Railway and Coal Company ..	Nightcaps	Hauling and pumping	16	Two 6	Second class	Late Quin and party.
Wallace County Council ..	Wairoa	Hauling ..	13	Two 7½	Locomotive and traction	Additional.
Watson, J. E. ..	Otautau district	General ..	6½	8	"	"
Weatherburn, Thomas	Invercargill district	"	8	9	"	Late W. S. Scott.
"	Mataura ..	Threshing and chaff-cutting	7	7	"	Additional.
Whiterigg Co-operative Dairy Company	Whiterigg	Dairy factory	16	6½	Second class	Late H. Bloomfield.
Woodlands Co-operative Dairy Company (Limited)	Woodlands	"	32	9	"	Size of cylinder amended.
Wyndham Timber Company (Limited)	Oware ..	Sawmill ..	20	8 and 13	First class	Additional.

TARANAKI DISTRICT.

Alton Co-operative Dairy Company ..	Kakarama ..	Cheese-factory ..	27	Two 9 ..	..	Second class ..	Additional. Late H. M. Bartle. Size of cylinder amended.
Bartle Bros. ..	Opunake ..	Sawmill ..	25	11 ..	..	" ..	" ..
Bonithon Freehold Petroleum Company Ex- tended (Limited)	New Plymouth ..	Oil-boring ..	29	10½ ..	..	" ..	" ..
Charteris, Robert ..	Patea district ..	Chaffcutting ..	6	7½ ..	..	Locomotive and traction ..	Additional.
Clements, W. C. ..	Te Kiri ..	Sawmill ..	30	12 ..	..	Second class ..	Late Parkes and Brooker. Additional.
Edgar, J. ..	Hawera ..	Chaffcutting ..	6	5 and 9 ..	..	Locomotive and traction ..	" ..
Fowler, J. ..	Patea district ..	Threshing ..	6	8 ..	..	" ..	" ..
Inglewood Borough Council ..	Inglewood ..	Road-roller ..	4	5½ and 8½ ..	..	" ..	" ..
Johnston Bros. ..	Waitara ..	Hauling ..	6	4½ and 7½ ..	..	" ..	" ..
" ..	" ..	General ..	3-8	5½ and 13½ ..	..	Second class ..	" ..
Kaupokonui Co-operative Dairy Company ..	Kaupokonui ..	Dairy factory ..	80	6 and 13½ ..	..	" ..	" ..
" ..	" ..	Cheese-factory ..	25	7 ..	..	" ..	Late Wanganui Freezing Company. Size of cylinders amended. Additional.
Mere Mere Co-operative Dairy Company ..	Ohangai ..	Dairy factory ..	50	7½ ..	..	Locomotive and traction ..	" ..
Mugeridge Bros. ..	Mania ..	Threshing ..	6	5½ and 8½ ..	..	" ..	" ..
McDonald, A. G. ..	Fordell district ..	Chaffcutting ..	45	13 ..	..	First class ..	" ..
New Plymouth Sash and Door Factory ..	New Plymouth ..	Woodwork-factory ..	9	6½ and 10½ ..	..	Locomotive and traction ..	Late C. H. Johnston. Additional.
Normanby Co-operative Dairy Company ..	Normanby ..	Hauling ..	26	8 ..	..	Second class ..	" ..
Patea County Council ..	Patea ..	Road-roller ..	5½	5½ and 8½ ..	..	Locomotive and traction ..	" ..
Patea Farmers' Meat-freezing Company ..	Patea ..	Manure-works ..	80	9 ..	..	Second class ..	Late Wanganui Freezing Company. Additional.
Phoenix Oil Company ..	Moturoa ..	Oil-boring ..	32	13½ ..	..	" ..	Size of cylinder amended. Additional.
Riversdale Co-operative Dairy Company ..	Inaha ..	Cheese-factory ..	38	8 ..	..	" ..	" ..
Rutherford, J. G. ..	Waverley ..	Flax-mill ..	12	7 and 11 ..	..	" ..	" ..
Stratford Farmers' Co-operative Dairy Company ..	Stratford ..	Butter-factory ..	16	10 ..	..	" ..	" ..
Symons, F. O. ..	Carrington Road ..	Sawmill ..	35	Two 10½ ..	..	First class ..	Late T. V. Symons. Size of cylinders amended. Additional.
Taranaki County Council ..	District ..	Hauling ..	8	5 and 9½ ..	..	Locomotive and traction ..	" ..
" ..	New Plymouth dist. ..	Road-roller ..	4-9	5½ and 8½ ..	..	Second class ..	" ..
Taranaki Oil Lands and Distribution Company ..	Moturoa ..	Oil-boring ..	32	13½ ..	..	First class ..	Size of cylinder amended. Additional.
Taranaki New Zealand Oil-wells (Limited) ..	" ..	Refining oil ..	41	15 ..	..	Locomotive and traction ..	" ..
Waitotara County Council ..	Kai Iwi ..	Road-roller ..	7	6 and 10 ..	..	Second class ..	" ..
Waitotara Co-operative Dairy Company ..	Brixton ..	Butter-factory ..	20	10 ..	..	Locomotive and traction ..	Late Hatrick and Co. Additional.
Wanganui Borough Council ..	Wanganui district ..	Hauling ..	6	4 and 7 ..	..	" ..	" ..
" ..	" ..	" ..	6	4½ and 7½ ..	..	" ..	" ..
" ..	" ..	" ..	6	" ..	..	Second class ..	" ..
Wanganui Co-operative Dairy Company ..	Aramoho ..	Butter-factory ..	30	8 ..	..	" ..	Additional.
Wanganui Gasworks ..	Wanganui ..	Gasworks ..	26	14 ..	..	" ..	" ..
" ..	" ..	Steaming ..	48	6, 6, 14, 6 ..	..	" ..	" ..
Wanganui Harbour Board ..	Kaihiati ..	Crane ..	6	Two 8 ..	..	Locomotive and traction ..	" ..
" ..	" ..	" ..	6	" ..	..	" ..	" ..
Wanganui Meat-freezing Company ..	Castlecliff ..	Freezing ..	191	12 and 28, 15 and 27 ..	..	First class ..	" ..
Wanganui Volunteer Fire Brigade ..	Wanganui ..	Fire-engine ..	12	Two 8½ ..	..	Locomotive and traction ..	" ..
" ..	" ..	" ..	12	8½ ..	..	" ..	" ..

WELLINGTON DISTRICT.

Allen, L., jun. ..	Masterton ..	Threshing ..	8	9 ..	..	Locomotive and traction ..	Additional.
Ballance Co-operative Dairy Company ..	Ballance ..	Butter-factory ..	19	10 ..	..	Second class ..	" ..
" ..	Konini ..	" ..	32	10 ..	..	" ..	" ..
Bisdee, S. C. ..	Pahiatua ..	Brickworks ..	17	8½ ..	..	" ..	" ..
Brogden, J. C. ..	Masterton ..	Threshing ..	6	8 ..	..	Locomotive and traction ..	" ..
Cable, W., and Co. ..	Kaiwarra ..	Shop-tools ..	52	7½ and 13 ..	..	First class ..	" ..
Cook, Thomas ..	Petone ..	Cooperage ..	26	5½ and 9 ..	..	Second class ..	" ..
Crabtree and Sons ..	Wellington ..	Shop-tools ..	16	11 ..	..	" ..	" ..
Cunningham, J. ..	Pahiatua ..	Sawmill ..	25	10 ..	..	" ..	" ..
Dimock and Co. ..	Ngahauranga ..	Steaming ..	50	Nil ..	..	" ..	Late Ora Flax-milling Company. Additional.

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—*continued.*

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.	Additional Boilers: Names of late Owners of Transferred Boilers; and also showing where Size of Cylinders are now amended.
WELLINGTON DISTRICT— <i>continued.</i>						
Easton, F. S.	Piaka	Flax-mill..	20	8½ and 13½	First class	Additional.
Excelsior Laundry	Wellington	Steaming	32	12	Second class	"
Featherston County Council	Featherston	Road-rolling	5½	5½ and 8½	Locomotive and traction	"
Gardner and Yeoman	Maki	Sawmill	27½	7½	Second class	Late Gosling and Son.
Gear Meat Company	Petone	Hauling	12	Two 8	Locomotive and traction	Additional.
Hausman and Temple	Kakaka	Ploughing	10	7 and 11½	"	Late C. Hausman.
Hill and Barton	Wellington	Butter-factory	25	9	Second class	Size of cylinder amended.
Horowhenua County Council	Levin	Stone-crusher	6	8	Locomotive and traction	Late T. Beavan, jun., Manukau.
Hutson, P.	Newtown	Brickworks	38	14	Second class	Additional.
Hughes, W.	Masteron	Threshing	6	8	Locomotive and traction	"
Kakaramea Dairy Company	Patea	Dairy factory	30	9	Second class	"
Levin Co-operative Dairy Company	Levin	"	18	11½	"	"
Liggins, J.	Tokomaru	Flax-mill..	32	12 and 20	First class	"
"	"	"	12	7 and 10½	Second class	"
Loughnan and Levin	Makereua	"	14	Two 8½	"	"
Mace and Nicholson	Ngahauranga	Stone-crusher	30	12½	"	"
"	Wellington district	Hauling	7	4½ and 7	Locomotive and traction	Late Dr. Rayner.
May Morn Estate..	Mangaroa	Log-hauler	12	Two 8½	Second class	"
"	"	"	13	"	"	Size of cylinders amended.
"	"	"	22	Four 7	Locomotive and traction	"
Miller and Compton	Featherston	Chaffcutting	12	Two 8½	Second class	Number and size of cylinders amended.
McLeod, A.	Matawai	Sawmill	6	6 and 10½	Locomotive and traction	Late J. Arbell.
New Zealand Candle Company	Kaiwarra	Making candles	33	Two 9½	Second class	Size of cylinders amended.
New Zealand Government Mental Hospital	Porirua	Steaming	45	6 and 8½	"	"
Odin, C. and A. . .	Wellington	Sawmill	33	16	First class	Cylinders removed.
Otaki-Manakau Dairy Company	Otaki	Dairy factory	17	7 and 11	Second class	Size of cylinder amended.
Porter, E.	Koputaroa	Flax-mill..	12	7 and 11	"	"
Seifert, A. and L.	Makereua	"	38	12 and 20	First class	Additional.
"	"	"	12	11 and 7	Second class	Late H. and F. Seifert.
Seifert, George	Tokomaru	"	12	7 and 11	First class	Additional.
"	"	"	47	9½ and 16	"	"
Stewart Timber Company	Wellington	Sawmill	23	20½	"	Size of cylinder amended.
"	"	"	42	20½	"	"
Te Mukanui (Limited)	Tokomaru	Flax-mill	12	7 and 11	Second class	Additional.
"	"	"	12	"	"	"
Union Steamship Company (Limited)	Hulk "Tobias"	Hoisting	21	Two 5½	"	Size of cylinders amended.
"	Evans Bay	Steaming	32	NH	"	Additional.
"	Wellington	Coaling	22	Three 8, two 6	"	"
"	Hulk "Latterworth"	"	34	One 8, two 7, four 6	"	"
"	Hulk "Occident"	Hauling	46	Two 6, two 7, two 8, two 10	"	"
"	Hulk "Dartford"	"	33	Ten 6, two 5, two 4½	"	"
"	Evans Bay	Laundry	32	NH	"	Number of cylinders amended.
"	Hulk "Ganymede"	Coaling	27	Three 8, two 6	"	Additional.
Victoria Laundry Company	Wellington	Laundry	87	10 and 15	First class	Size of cylinders amended.
Wellington City Council	"	Power-house	65	17, 24½, 27½	"	"
"	Lyall Bay	Stone-crushing	25	9	Second class	Additional.

Wellington City Council	Harris Street, Wellington	Electric lighting	Turbine	First class	Turbines, late cylinders.
"	Ditto	"	4 and 7	"	Additional.
"	Wellington Clyde Quay	Hauling	9½ and 23	Locomotive and traction	"
"	"	Pumping	9½, 15, 23	First class	Size of cylinders amended
"	"	"	8½	"	Additional.
"	Wellington	Road-roller	17 and 27	Locomotive and traction	"
Wellington Farmers' Meat Company	Waingawa	Freezing	88	First class	"
"	"	"	107	"	Late Wellington City Corporation.
Wellington Gas Company	Wellington	Pumping	72	Second class	Size of cylinders amended.
"	Miramar	"	72	"	Additional.
Wellington Harbour Board	Wellington	"	Two 8, one 8, one 10, one 7½, two 10	"	"
"	Waterloo Quay	"	106	First class	"
"	Wellington	Pile-driving	15 and 30	"	"
"	"	Pumping	19	"	"
"	"	Hoisting	16	Second class	"
"	"	"	7½ and 7½	Locomotive and traction	"
Wellington Meat Export Company	Alicetown	Pumping	5	"	"
"	"	"	40	Second class	"
"	Ngahauranga	Hauling	16½	Locomotive and traction	Size of cylinders amended.
"	"	Steaming	124	First class	"
"	"	"	60	Second class	"
"	"	"	90	"	"
Wellington Patent Slip Company	Evans Bay	Hauling	23	First class	Additional.
"	"	"	23	"	"
Wellington Woollen Company	Petone	Woollen-mills	65	"	"
Whitehead, Mrs. Anne	Whakaranga	Dairy factory	17½ and 37	"	"
"	"	"	7 and 11	Second class	"
WELLINGTON NORTH DISTRICT.					
Beazer, Mark	Feilding district	General	6	Locomotive and traction	Additional.
Bennett and Punch	Rangataua	Sawmill	72	First class	Size of cylinder amended.
Berg Bros.	Horopito	"	36	Second class	Additional.
Egmont Co-operative Box Company	Utiku	Log-hauling	15½	"	"
"	Obutu	"	14	"	"
"	"	"	Two 8½	"	"
Foxton Cordage Flax-milling Company	Foxton	Flax-mill	26	"	"
Feilding Sash and Door Factory	Ohakune	Sawmill	20	"	Late Ora Flax-milling Company.
"	"	"	55½	"	Additional.
Gannon and Co.	"	"	13	"	"
Gifford and Henson	"	Log-hauling	19	Locomotive and traction	"
Goldfinch and Co.	Mt. Stewart district	Threshing only	Two 8½	"	Late Taupo Totara Timber Company.
"	Ohakune	Hauling	6	"	Additional.
Hanson, John	Marton	General	6	"	Late Derby Bros.
Harvey, Thomas B.	"	"	8	"	Additional.
Hutton, Charles	Marton district	"	8	"	"
"	Manui	Sawmill	25	Second class	Late J. C. Meyer.
Mangawhero Sawmilling Company	Ohakune	"	10½	"	Late Clement and Hutton.
McDonald, Kenneth	Rangiotu	Dairy factory	36	"	Size of cylinder amended.
Nathan, Joseph, and Co.	Bunythorpe	Dried-milk factory	16	"	Late Bunythorpe Co-operative Dairy Company.
"	"	"	30	"	Cylinders removed.
"	"	"	51	"	Additional.
New Zealand Powell Wood-process Company	Rangataua	Hauling	7½	Locomotive and traction	"
"	"	Wood-preserving	Two 7	First class	"
"	"	"	32	"	"
"	"	"	32	"	"
"	"	"	50	"	"
"	"	"	16	"	"
"	"	"	20	"	"
Ora Flax-milling Company	Rangitane	Flax-mill	Two 10	Second class	Late Broad and Ingram.
Perham, Larson, and Co.	Rangataua	Sawmill	70	First class	Size of cylinder amended.
Primus Flax-milling Company	Kairanga	Flax-mill	12	Second class	Late Green and Donald.
Quin Bros.	Hihitahi	Hauling	16	Locomotive and traction	Additional.
Rangataua Timber Company	Rangataua	Sawmill	23	Second class	"
"	"	"	35	"	"

RETURN SHOWING THE NAMES OF OWNERS OF ADDITIONAL BOILERS AND TRANSFERS WHICH REQUIRE TO BE IN CHARGE OF CERTIFICATED ENGINE-DRIVERS—continued.

Name of Owner.	Where Boiler used.	Purposes for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.	Additional Boilers; Names of late Owners of Transferred Boilers; and also showing where Size of Cylinders are now amended.
WELLINGTON NORTH DISTRICT—continued.						
Rangataua Timber Company	Rangataua	Sawmill	50	16½	First class	Additional.
Seffert, Lewis	Rangitane	Flax-mill	13	Two 8½	Second class	"
Silver Pine Sawmilling Company	"	"	36	14½	"	"
Simpson, R. R.	Marion	General	6	5 and 8	Locomotive and traction	"
Syme, George	Tangitai	Hauling	8	Two 6½	"	Size of cylinder amended.
"	"	Sawmill	40	14	First class	"
"	"	"	30	16	"	"
Tiratu Sawmilling Company	Ohakune	"	39	12	"	"
Waugh and Son	Kimbolton district	General	7	8	Locomotive and traction	Late Waugh Bros.
Wairarapa County Council	Raetihi	"	4	4½ and 7	"	Additional.
WESTLAND DISTRICT.						
Butler Bros.	Ruatapu	Locomotive	14	Two 9½	Locomotive and traction	Additional.
Consolidated Goldfields of New Zealand (Ltd)	Waitata	Mining	48	16, 14, Two 14, two 7, one 4½	First class and winding	Size of cylinders amended.
Five-mile Beach Gold-dredging Company	Okarito	Gold-dredge	53	12½ and 20½	First class	Additional.
Forest Sawmilling Company	Nelson Creek	Sawmill	30	9 and 14	"	"
Goss, W., jun.	Moana	"	36	14	Second class	Size of cylinder amended. Late Moana Saw-milling Company.
K. K. Sawmilling Company	Kumara	Locomotive	9	Two 7	Locomotive and traction	Additional.
Kotuku Sawmilling Company	Aratika	"	18	Two 8	"	"
Malcock, E. T., and Co.	"	Sawmill	60	18	First class	"
"	Kanieri	"	12	Two 8½	Second class	Late Benjamin and Malcock.
"	"	"	13	Two 8½	"	"
"	"	Hauling	6	6½ and 10½	Locomotive and traction	"
Millerton Syndicate Gold-mining Company	Kukawai	Mining	60	Two 12, one 16, one 6	First class and winding	Late G. Wilmott.
New Zealand Government State Mines	State mines	"	49	Two 7 and 11, two 9, one 10, two 6, one 6	First class	Size of cylinders amended.
"	"	"	64	Seven 11, two 16, two 18, one 14, one 10, one 4	"	"
"	"	"	36	13 and 17½	"	Size of cylinders amended.
"	Revannui	Bin machinery	64	12, 10, 6, 4½, two 4	Second class	"
"	"	Mining	72	11½, one 19, 3½ and 7	First class	"
"	"	"	43	16, three 7, two 6, two 5, one 4½	"	"
New Zealand Greenstone Mountain Company	Wainihini	"	58	8 and 12	"	Additional.
North Brunner Coal Company	Stillwater	"	61	8½ and 12½	"	"
Perotti, A.	Reefton	Hauling	10	Two 8	Locomotive and traction	"
Paynter and Hamilton	Jacksons	Sawmill	20	12½	Second class	Late Christchurch Timber Company.
Red Jack's Creek Gold-mining Company	Red Jack's Creek	Dredging	30	9 and 14	First class	Additional.
Rotomana Flax-milling Company	Rotomana	Flax-mill	16	Two 9	Second class	"
Stratford and Blair	Snowy	Sawmill	16	8 and 12½	First class	"
Totara Timber Company	Papakamai	"	20	12	Second class	"
Watson, R.	Kumara	Hauling	5	5 and 9	Locomotive and traction	Late C. Tyler and Sons.
Westland Borough Council	Greymouth	Road-roller	5	5½ and 8½	"	Additional.
Wilson, G.	Stafford	Dredging	33	8 and 12½	First class	Late Stafford Gold-dredging Company.
Ziman, L. R.	Waitata	Mining	20	Two 14	Winding	Late Just-in-Time Gold-mining Company.

Approximate Cost of Paper.—Preparation, not given: printing (1,050 copies, including chart), £100.

NEW ZEALAND WRECK CHART.

1st APRIL, 1914, to 31st MARCH, 1915.

Compiled from Official Records
in the
MARINE DEPARTMENT.



SYMBOLS.

STRANDINGS.

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

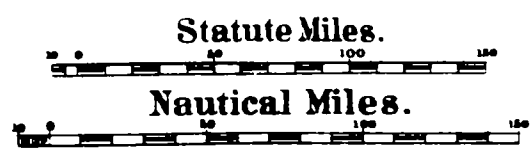
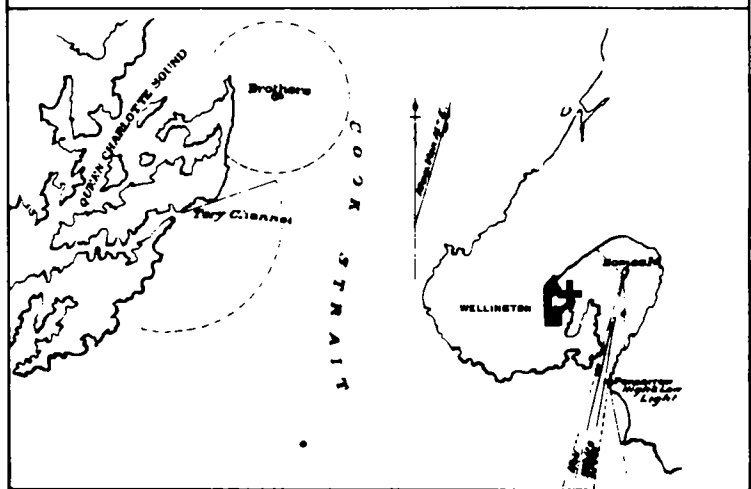
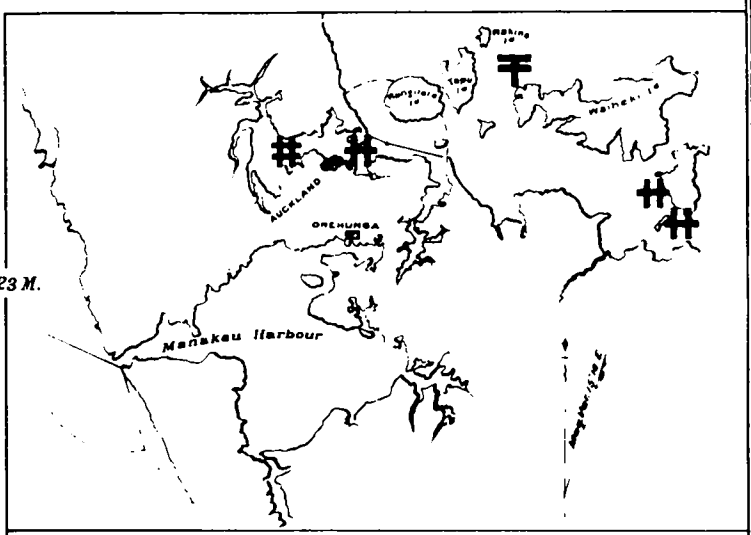
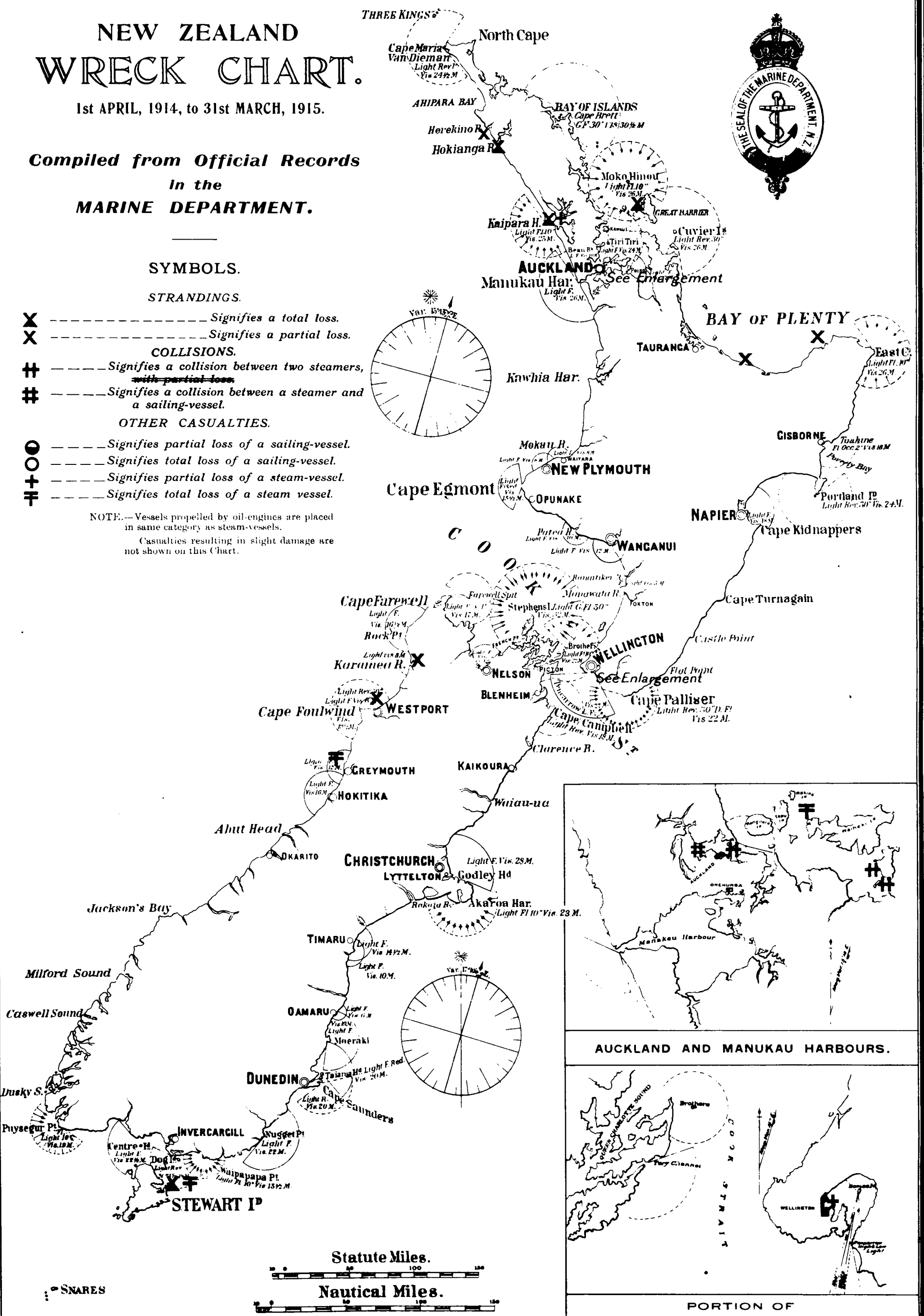
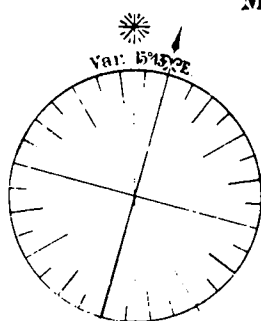
COLLISIONS.

- ++ ————— Signifies a collision between two steamers, ~~with partial loss~~.
- # ————— Signifies a collision between a steamer and a sailing-vessel.

OTHER CASUALTIES.

- ————— Signifies partial loss of a sailing-vessel.
- ————— Signifies total loss of a sailing-vessel.
- ⊕ ————— Signifies partial loss of a steam-vessel.
- ⊕ ————— Signifies total loss of a steam vessel.

NOTE.—Vessels propelled by oil-engines are placed in same category as steam-vessels.
Casualties resulting in slight damage are not shown on this Chart.



X
H
O



1 ELAMITZ