

1914.
NEW ZEALAND.

MARINE DEPARTMENT :

ANNUAL REPORT FOR 1913-14.

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

MY LORD,—

Marine Department, Wellington, 29th July, 1914.

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.,

F. M. B. FISHER.

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

SIR,—

Marine Department, Wellington, 20th May, 1914.

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

Shipping and Seamen Amendment Act, 1913.

This Act has been assented to by His Majesty the King. It came into force on the 1st instant.

The principal provisions of the Act are that a person holding a third-class seagoing engineer's certificate may be engineer of a steamer or mechanical-powered vessel plying within restricted limits; that Superintendents of Mercantile Marine at Auckland, Wellington, Lyttelton, and Dunedin may engage seamen for ships lying at outports; that the Minister may appoint Inspectors of Seamen; that certificated cooks need not be carried by intercolonial ships; that vessels may be classified according to their construction and stability for the purpose of carrying deck cargo; that when a seaman of a ship registered in New Zealand, who was engaged in the Dominion, fails to join his ship before she sails, a Superintendent may accept from the master or may require the master to leave with him the man's wages, discharge, and effects, whereupon the man shall be deemed to be discharged from the ship; that ships of not less than 300 tons register which have been approved by the Minister as training-ships may carry a less number of able seamen than must be carried by other ships, and that the Minister may exempt such ships from payment of light dues; that when a seaman is injured on board a ship or in connection therewith, necessitating medical treatment, the master shall procure the services of a doctor, and, if the doctor so advises, send the man to a hospital; that the Governor may make regulations regarding the build, equipment, manning, inspection, licensing, and working of surf-boats; that in cases where a Superintendent declines to sue for the wages and maintenance of a sick seaman the man himself may do so; and that open launches plying for hire shall not carry cargo in the space allotted to passengers.

Harbours Amendment Act, 1913.

This is a short Act which was necessary to make provision for filling vacancies on Harbour Boards in cases where non-elective members cease to hold their seats before the expiration of the time for which they were appointed.

Mercantile Marine Offices.

The Superintendents of Mercantile Marine and their assistants have carried out their duties in a very satisfactory manner. The tact exercised by them, especially during the recent strike, is worthy of commendation.

Owing to the decision of the seamen not to engage upon any ship during the recent industrial crisis, it became necessary, in order to prevent the sea-carrying trade of the Dominion becoming completely paralyzed, to exercise the powers given by section 57 of the Shipping and Seamen Amendment Act, 1909. This section gives power to the Minister to exempt any ship from any specified requirement of the Shipping and Seamen Acts, or to dispense with the observance of any such requirement, if he is satisfied that the requirement has been substantially complied with, or that compliance is unnecessary in the circumstances of the case, and that the action taken or provision made is as effective as, or more effective than, actual compliance with the requirement. Under the authority of this section ships were, during the strike, exempted from the manning requirements of the Act in the case of seamen, firemen, trimmers, and greasers, when the Department was satisfied that the crews carried were as effective as the crews required by the Act. A return of these exemptions will be presented to Parliament in accordance with the requirements of the Act.

A return is appended showing the number of seamen engaged and discharged at the different ports and the amount of fees received for the engagement and discharges. The number engaged was 22,330, and the number discharged 21,718. The amount of fees received was £3,015 18s. In the previous year the engagements were 20,554, the discharges 20,378, and the amount of fees received £2,801 17s. The transactions at the four principal ports were:—

			Engagements.	Discharges.	Fees.		
					£	s.	d.
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
During the previous year they were—							
Auckland	...	...	5,611	5,692	775	13	0
Wellington	...	...	6,930	7,152	932	12	0
Lyttelton	...	...	2,152	1,936	296	0	6
Dunedin and Port Chalmers	...	...	2,879	3,021	437	13	0

Messrs. L. Flower, W. N. Poole, and W. J. White, Postmasters at Awanui, Kaiapoi, and Foxton respectively, have been appointed Superintendents of Mercantile Marine at those places, so as to give them power to deal with seamen.

Proceedings for breaches of the law in regard to seamen were taken by the Department, with the following results: W. E. Wahlstrom, master of the s.s. "Putiki," for giving the cook a "V.G." discharge when such was not a true report of the man's conduct—fined £1 and costs; and G. Lang, master of the scow "Oban," for carrying seamen to sea without entering an agreement with them—convicted and ordered to pay costs.

Masters, Mates, and Engineers.

The examination of candidates has been carried out in a satisfactory manner by the various examiners. Four hundred and eight candidates passed and 132 failed. Of those who passed, 240 were masters, mates, and engineers of seagoing ships, 53 were masters and engineers of steamships plying within restricted limits, 5 were masters of fishing-boats and of cargo-vessels up to 25 tons register, 1 was master of a sailing-vessel plying in harbours and rivers, 22 were engineers of seagoing ships propelled by mechanical power other than steam, and 87 were engineers of similar vessels plying within restricted limits.

The percentage of passes in the whole number of examinations was 60½, which is a better result than last year, but in the foreign-going examinations the percentage was only 47½, which is not quite so good as last year. This was no doubt due to the new and more difficult problems connected with the chart-work which were adopted.

His Excellency the Governor has cancelled the New Zealand certificates of competency as home-trade master and foreign-going first mate held by J. M. Etheridge, in consequence of his having been convicted of theft.

The following persons have been prosecuted by the Department for offences connected with certificates, viz.: W. Smith, for running launch "Sea Wolf" without certificated man in charge—fined £2 and costs; G. Reading, for similar offence—fined £1 and costs; F. Rattenbury, for running launches without certificated man in charge—fined £2 and costs; G. Lang, for acting as master of scow "Oban" without holding proper certificate—fined £1 and costs; and Titipa Harris, for being in charge of licensed launch without holding certificate or boatman's license—charge dismissed on ground that vessel was not plying for hire.

Registration of Shipping.

Returns are appended showing the vessels registered in New Zealand on the 31st December last, and the number of seamen employed in them. On that date there were 225 sailing-ships, of 31,619 registered tonnage, and 391 steamships, of 127,691 tons register, as against 242 sailing-ships, of 34,308 registered tonnage, and 374 steamships, of 121,772 tons register. The number of seamen and boys on board at the end of 1913 was 5,477, as compared with 4,983 at the end of the previous year.

Survey of Ships.

During the year certificates were issued to 332 steamers, 428 oil-engine vessels, and 112 sailing-vessels, as compared with 337 steamers, 537 oil-engine vessels, and 119 sailing-vessels at the end of the previous year.

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

Hicks Bay: River limits, inside bay; extended limits, between Hicks Bay and Te Araroa.

Akaroa: Extended river limits, between Akaroa Head on the north, including light-house landing, and a point not more than a mile to the south of Iron Head.

Otago Harbour: Extended river limits for pilot vessels, not beyond eight miles outside Taiaroa Head.

The "Galvo" fire-extinguishing appliance has been approved for use on motor-boats.

Proceedings were taken by the Department for the following breaches of the law in connection with survey certificates, viz.: Captain J. Carlton, for carrying too many passengers—fined 10s. and costs; G. Reading, for running a launch without a survey certificate—fined £1 and costs; F. Rattenbury, for running launches without survey certificates—case dismissed on ground that law did not require survey. (The Department appealed against this decision, and the Supreme Court allowed the appeal. The Magistrate then convicted without imposing a fine or ordering payment of costs.) Captain J. Davies, master of s.s. "Pupuke," for carrying too many passengers—fined £2 and costs; G. Lang, for running scow "Oban" without survey certificate—convicted and ordered to pay costs; Northern Steamship Company, for carrying too many passengers on certain of its steamers—fined £2 and costs on each of sixteen charges, and 5s. for each of the 247 passengers carried in excess of the proper number; Captain Somerville, of the "Caed Mile Failte," for not carrying proper lights—fined £2 and costs; and J. Spencer, master of cutter "Stag," for lying at anchor without anchor lights—fined £3 and costs.

Deck-cargo Regulations.

The deck-cargo regulations are working well, and there have been very few attempts at overloading. Inspections are made by the Surveyors before the vessels leave port, and if there is found to be more cargo on deck than allowed by a vessel's license the excess quantity has to be put below hatches or ashore.

The regulations have been amended to provide that in the case of ships the whole of whose deck cargo does not consist of timber the alleyways are always to be kept clear of cargo and live-stock, and that there is to be a clear space of not less than 3 ft. wide either on one side or the other, or part on one side and part on the other; also, that on ships the whole of whose deck cargo is timber it may be stowed from rail to rail, secured to the satisfaction of the Superintendent of Mercantile Marine.

The fee for the inspection of a ship for a deck-cargo license has been reduced from £1 to 10s.

Wireless Telegraphy on Ships.

In pursuance of the provisions of section 50 of the Shipping and Seamen Amendment Act, 1909, regulations have been made requiring New-Zealand-registered ships which are authorized by their ordinary certificates to carry 150 passengers or more at sea to be fitted with wireless-telegraph apparatus. These regulations will come into force on the 1st July next.

Deceased Seamen's Estates.

The estates of twenty deceased seamen have been dealt with during the year. The amount received on account of them was £168 17s. 2d., and the amount paid to relatives and other claimants was £129 4s. 9d. The sum of £47 17s., which had remained unclaimed for over six years, was paid into the Public Account. Particulars of the estates are given in a return which is appended.

Wrecks and Casualties.

During the year seventy-six inquiries into casualties to ships were held, seventy of them being preliminary and six Magisterial inquiries. Appended are tables showing the casualties and the analysis thereof. Those on or near the coasts of New Zealand numbered eighty-seven, representing 62,733 tons register, as compared with 103, of 45,001 tons, during the previous year. The number of lives lost was five, as compared with thirty-three in the previous year. One life was lost in the explosion which destroyed the s.s. "Moa," and four in the loss of the auxiliary fishing-cutter "Iris" at Bluff.

Nautical Publications.

The Nautical Almanac for 1914 was issued at the beginning of December last, and from the demand for copies it is clear that its popularity is not abating. The Department has also issued a small book, "Modern Up-to-date Navigation," prepared by Captain Blackburne, Nautical Adviser to the Department. The book is on sale at 1s. 6d. a copy.

A fair number of the ABC Azimuth Tables issued by the Department continue to be sold. The practice of importing Admiralty charts and selling them at Mercantile Marine Offices at a little over cost price has been continued, much to the convenience of shipmasters.

Notices to Mariners.

Appended is a return of the Notices to Mariners relating to New Zealand matters which have been issued by the Department during the year. In addition to these notices, a large number which were received from Great Britain, Australia, and the United States of America have been published by the Department and circulated for the information of mariners.

Meteorological and Weather Office.

During the year new climatological stations have been established at Rakaia, the Hermitage, and at the Half-way House at Mount Egmont, and considerable increase has been made in the number of rainfall-stations, but the number of weather-reporting stations is practically the same as last year.

District weather notes and a general summary of the ruling weather and storms have been published monthly in the *Journal* issued by the Department of Agriculture.

In response to numerous requests from shipmasters, an extension has been made in the wireless forecasts which are sent out every evening, and special reports have been sent to ships whenever required.

The wireless messages received from Macquarrie Island during the year proved of considerable value for forecasting purposes.

Government Steamers.

The "Hinemoa" has been employed on her usual work of tendering lighthouses, in overhauling, cleaning, and painting the buoys and beacons under the control of the Department, and in locating reported dangers. She has also erected a beacon on D'Urville Rock, in the Hauraki Gulf. She has now been running for thirty-eight years, and will have to be replaced by another steamer before long. Plans and specifications for a suitable vessel for the work to be carried out have been prepared, and I recommend that a vote be taken during the coming session so that a new vessel may be procured.

During the strike at the end of last year the seamen and firemen of the "Hinemoa" went out at the call of their union, but no difficulty was experienced in obtaining other men. Most of the new men obtained at first were, however, inexperienced, and this made the time an arduous and anxious one for the master, deck officers, and engineers, to whom the thanks of the Department are due for the way in which they worked to enable the lighthouses, &c., to be attended to.

In order to prevent a recurrence of similar trouble, all the officers and crew of the vessel have been made permanent employees of the State, and given the same privileges as regards leave of absence, superannuation rights, &c., as are enjoyed by other Civil servants. Their pay has been made a little higher than that of the crews of privately owned steamers.

After completing her attendance on the battleship "New Zealand" in May last year the training-ship "Amokura" was moored in Wellington Harbour for the usual winter instruction to the boys. In addition to the usual instruction in seamanship on board during the winter, the boys attended school at the ship's schoolroom on the Thorndon Esplanade, where they were taught by a teacher supplied by the Technical School, the Department paying his salary. The teacher speaks well of their conduct and of the way in which they did their work in school, and the examination results at the end of the school-term were very good.

Arrangements have been made with the Union Steamship Company to take some of the best of the boys on board the s.s. "Aparima" without payment or premium, for the purpose of training them as officers, the only concession given to the company for this being the exemption of the ship from payment of light dues in New Zealand. Under this arrangement six boys joined the "Aparima" in September last, and four will join each year in future. Those who joined in September were C. G. Cullen and S. Richter, who came from Eltham; H. A. Brockett, from Gore; C. Gandy, from Wellington; R. A. K. Lovett, from Bluff; and W. A. Neale, from Waikaremoana.

With few exceptions the boys have behaved well. In the case of those whose behaviour has not been good they were boys whose parents had evidently sent them to the ship because they needed discipline, and in such cases they soon found discipline irksome.

The health of all on board has been good.

During the spring months and early summer last year the vessel visited Queen Charlotte Sound, Otago, Bluff, Preservation Inlet, Stewart Island, Picton, Port Underwood, Nelson, and the Auckland, Campbell, Antipodes, and Bounty Islands. After the midsummer holidays she visited the Kermadec Islands, Russell, and Auckland, and in March last she made another visit to the southern islands and also called at Akaroa and Oamaru. Her visits to the outlying islands were made for the purpose of searching for castaways and examining the depots of clothing and provisions which are maintained on those islands.

An evaporator and distiller have been installed in the ship. They work well, and enable sufficient water to be distilled to meet all requirements on board when the ship is cruising.

Lighthouses.

The Department has had under consideration the questions as to the erection of a lighthouse on the Three Kings, but it has not yet been able to solve the question as to the best way of marking these islands. Owing to the precipitous nature of the Western King it would be a very difficult and expensive matter to erect a light on it, and if erected it would be very expensive to maintain, as owing to there being not many days in a year when a landing can be effected it would be necessary to obtain and maintain a special steamer to attend to it. Moreover, the island is rather high for a light, being 600 ft. in height.

Auckland shipmasters have urged that a light should be erected on the top of the Big King, but as this is 995 ft. high, and five miles from the danger, a light there would be enveloped in fog whenever it was foggy, and would therefore be of no use when most wanted. A design for a lighted buoy to be moored off the Western King has been submitted to the Department by the Acetone Illuminating and Welding Company (Limited), and this is under consideration. There is also a proposal to instal a wireless apparatus on the Big King to indicate to a ship her position by means of a wireless compass on board. Full information regarding the use and utility of this instrument is now being obtained. The Marine Engineer has just visited the Western King, but his report is not yet to hand.

The tower for a new light on Karori Rock, in Cook Strait, is now in course of construction, but the work is very slow owing to frequent and continued southerly seas which impede the work. The lantern and acetone-acetylene apparatus have been procured, but one case has gone astray in the course of shipment from Sweden. Steps have been taken to get the missing part duplicated, and it is anticipated that it will be here by the time the tower is completed.

A track has been constructed from the landing-place to the site for the proposed light on Channel Island at the southern entrance to the Hauraki Gulf, and the site prepared; the necessary iron tower has been built in Auckland, and the automatic acetone-acetylene apparatus has been procured. It is proposed to erect the tower and install the light at an early date.

A light on Flat Rock, in the Hauraki Gulf, would be of considerable value to shipping, and it is proposed to make the necessary provision on this year's estimates.

Incandescent apparatus for eight more lighthouses has been procured from England, and eight of the lights which at present have oil-burners will be converted into incandescent lights as soon as the Department's expert, who is now engaged on the erection of the Karori Rock Lighthouse, can be spared from that work.

Steps are being taken to obtain automatic acetone-acetylene lights for Nelson and Ponui Passage Lighthouses. When these are installed there will be better lights, and the salaries of three keepers will be saved.

During the year I have inspected the lighthouses at Castle Point, Portland Island, East Cape, Cuvier Island, Ponui Passage, Tiritiri, Mokohinou, Cape Brett, Cape Maria van Diemen, Kaipara, Godley Head, Akaroa Head, Moeraki, Taiaroa Head, Cape Saunders, Nugget Point, Waipapapa Point, Dog Island, Centre Island, Puysegur Point, Cape Foulwind, and the Brothers. These stations were found to be in good order, but new dwellinghouses are required at Tiritiri, as the present ones are very old.

During the year one Principal Keeper retired on superannuation, two Principals died, one Principal and five assistant keepers resigned; one assistant was transferred to the s.s. "Hinemoa," one to the Railway Department, and one to the service of the Auckland Harbour Board, the lights under his charge being transferred to the Board at the same time. Four assistant keepers were promoted to be Principals, and twelve new appointments of assistant keepers were made to fill the vacancies caused by the promotion and retirement of assistants.

The necessary additions, repairs, &c., have been made at lighthouse-stations as usual.

Marine Store.

A contract has been let for the erection of a new store for the Department on the new reclaimed land near the King's Wharf, and the building is, in fact, nearly completed. As soon as it is finished one of the present stores on the site near the railway-line will be moved to the site where the new store is being erected, as the Railway Department requires the land on which the stores at present stand.

Fog-signals.

The explosive fog-signals at Pencarrow Head, Godley Head, and Cuvier Island have been kept in good working-order. As it became dangerous to go down and up the old track to the signal at Godley Head owing to falling pieces of rock, it was decided to make a new track. This has been done, and a shorter as well as a safer track has been provided.

In 1911 this Department provided and erected a fog-signal at Patiti Point, Timaru, the Timaru Harbour Board undertaking to maintain it. Its use by the Board was discontinued on the 31st December last, and the signal has been handed back to the Department, which proposes to erect it at Stephen's Island.

The amount of light dues collected during the year was £41,745 12s. 4d., as compared with £41,406 7s. 4d. during the previous year.

Harbours.

The work of cleaning and painting the buoys in the harbours under the control of this Department, and overhauling their moorings and renewing them when necessary, has been done by the s.s. "Hinemoa." On the 9th January last the beacon which carried the Wigham light in the Helensville River, Kaipara Harbour, was knocked over through the s.s. "Wairua" colliding with it. It was then found that the piles had been riddled by the teredo. A new beacon has been erected, and the light has been replaced on it. Steps are being taken to place a lighted buoy at Beacon Beach, on the Wairoa River. A contract for the necessary buoy was recently let, and the required light apparatus is being procured.

In Hokianga Harbour a new landing-stage and a horse-landing have been constructed at Kohukohu; obstructions are being removed from the Taheke River; sunken logs have been removed from the Waihou River; and the work of constructing a proper breastwork round the

reclamation which was made by the Kauri Timber Company by the deposit of sawdust and slabs has been put in hand by this Department, to which the land belongs. When the work is completed it is intended to cut the land up into suitable sections, road it, and then lease it. The breastwork which the Department constructed on the up-river side of the Kohukohu wharf requires to be extended a little further up, and I recommend that provision to enable this to be done be made in this year's estimates.

Application having been made by several persons for licenses to occupy sites for buildings on the foreshore at Rawene, it has been decided to cut the available foreshore up into sections and lease them.

A light is required on a dangerous rock in the Narrows, and a landing-stage is needed at the Rawene wharf. It is proposed to make provision for these in the current year's estimates.

A sum of £124 18s. 6d. has been expended in improving the channel at Waitapu.

In consequence of the small shipping trade to Okarito the services of the Harbourmaster as a permanent officer have been discontinued, and an arrangement has been made with him to guide vessels in and out of the river at £5 a trip. If a vessel calls off the bar but does not enter he is to receive half the above amount. He is also allowed to reside in the Department's house on condition that he executes any necessary repairs.

The Whangape Timber Company has been prosecuted for depositing sawmill refuse in Herekino Harbour. A fine of £2 and costs was imposed.

The sum of £1,440 13s. 4d. was collected for pilotage and port charges in respect of harbours under the control of the Department, as compared with £1,786 17s. 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.

A return of the harbour-works approved by the Governor in Council and of licenses to occupy foreshores is also appended.

Mr. G. T. Shoebridge has been appointed Harbourmaster at Ngunguru, and Mr. J. Harrison has been appointed to look after the light at the entrance to Whangaparapara Harbour, in place of Mr. G. Cunis, resigned.

The Department has continued to issue licenses to persons to take shingle and sand from various beaches in the Hauraki Gulf and other places. There is a large demand in Auckland for the material for building purposes, and the Inspector of Beaches has to be very vigilant to prevent its being illegally taken.

A contract has been let for the survey of a reserve 29½ miles round the Coromandel and Thames foreshores. It is considered that it would be advisable to make such a reserve to prevent any damage being done to private land by licensed persons taking shingle and sand from the beaches.

The following proceedings have been taken by the Department against persons for illegally taking shingle, &c., viz.: S. Clare, master of the cutter "Kiwi"—fined £5 and costs; W. Carlsen, master of cutter "Nellie Mason"—fined £10 and costs.

Fisheries.

The question as to the conservation and improvement of the New Zealand fisheries is one of very great importance to the Dominion, and in order that the best advice might be obtained arrangements were made with the Government of Canada to allow Professor Prince, the Canadian Commissioner of Fisheries, who has a world-wide reputation in connection with fish and fisheries, to visit New Zealand for the purpose of examining and reporting on our fisheries. He arrived in Auckland on the 7th ultimo, and is now examining the fishing-grounds.

The rock-oyster beds in the Hauraki Gulf and the Bay of Islands were picked by the Department last season, and they yielded sufficient oysters to meet all demands—in fact, more could have been picked had they been wanted. Considering the bad state most of the beds were in when the Department took over the picking in 1908, it shows what proper conservation and proper picking can do. Departmental control and picking have wonderfully improved the beds, and enabled the public to obtain oysters at a reasonable price, whereas for some time before the Department took over the working of the beds oysters were dear, and the beds were becoming so rapidly depleted that it would not have been long before they were worked out.

In past seasons the smallest quantity of oysters sold by the Department in one lot has been one sack, which has compelled a person who wanted a smaller quantity to either combine with others to purchase and divide a sack, or else to buy from dealers at, in many cases, a considerably increased price. So as to extend the privilege of buying at a reasonable price to persons who require only small quantities, it has been decided to sell them at the depot at Auckland this season in quantities of not less than five dozen at 1s. for that quantity, or 3s. for a kerosene-tin full, a tin containing about eighteen dozen.

During last year's open season—that is, from the 1st May to the 31st October—9,069 sacks of oysters were taken, and sold for £6,167 14s.

The cost of picking and selling, including interest and depreciation on the cost of the oil-launches used by the Inspectors, was £4,797 14s. 8d., giving a net profit of £1,359 19s. 4d. Part of this profit was used in replanting depleted areas at Rabbit and Long Islands and the coast between Kikowhakariri Bay and Coromandel Harbour; also at Port Fitzroy, Great Barrier, and in continuation of the practice of replanting depleted areas in the Hauraki Gulf, planting has this season been done on the foreshore between Kirita Bay and Tapu, and at Manaia and Te Kuma Bays and adjacent islands. The oysters on the areas replanted in previous years are looking well. Of the oysters picked, 335 sacks were sold at Russell, 7,962 at Auckland, 277 at New Plymouth, 217 at Gisborne, 96 at Napier, 64 at Wellington, 18 at Hokitika, 33 at Greymouth, 19 at Nelson, 19 at Westport, 12 at Patea, 4 at Wanganui, 4 at Waitara, and 9 at Christchurch.

I went over some of the beds in the Hauraki Gulf, at the Bay of Islands, in January last, and found them in first-class condition. In the Bay of Islands, besides growing on the rocks in the usual way, large quantities of oysters are growing on small stones which form shingle-beaches in some of the bays, the floating spat having adhered to the stones.

In Hokianga Harbour, where the beds have been closed for some time, the oysters are still small, although quantities of them are mature, and it would, I think, be wise to pick some of them, as those on top are only smothering those underneath. The Kaipara beds are in fair condition, and if necessary a quantity of oysters can be got from them this season. The beds on the foreshore of that part of Kaipara Harbour, Kiakia Bay, Otamatea, for a distance of 50 chains from Te Kopua Point, have been set aside as an oyster-fishery from which Maoris may take oysters for their own food at all times.

The oysters taken from the Foveaux Strait beds last season met all requirements. Of those taken last year 361,225 dozen, valued at £2,984, were exported to Australia, and during the season about 1,674,680 dozen, valued at about £7,790, were disposed of in New Zealand.

Toheroa.—The canning of toheroas is carried on in the Kaipara district, and in order to preserve some of the beds for the use of the public who take them for their own use, the taking of this shell-fish for the purpose of canning or otherwise preserving, or for selling fresh, has been prohibited within half a mile on either side of Glink's Gap.

The following is the purport of the reports of the local Inspectors of Fisheries:—

Chatham Islands.—The fishing during the past year has been fairly successful, but the catch has not been quite so good as during the previous year. During the year about a thousand cases of flounders caught in the Te Whanga Lagoon were shipped to New Zealand. These fish were in rather poor condition, owing apparently to the lagoon being overstocked. Blue cod and groper are as plentiful as ever. There was a shortage of competent fishermen.

Bay of Islands.—The principal fish taken during the year were schnapper, mullet, flounders, maumau, kahawai, kingfish, and crayfish. These were very plentiful, and in some instances the fishermen had some difficulty in selling their catches at anything like remunerative prices. There are two mullet-canneries in the district—one at Purerua, in the Bay of Islands, and the other at Awanui. At the former place 545 cases and at the latter 174 cases were canned, the approximate value of which was £1 a case. The mullet are very plentiful, whereas a few years ago they were scarce. There are four smokehouses at which schnapper, maumau, and mullet are smoked. The number of fishing-boats registered at the port is fifty-five, whose crews total 129 persons, of whom eighty-nine are Europeans and forty Maoris. The humpback-whaling carried on by Messrs. Jagger and Cook during the season was fairly successful, fifty-six whales, which produced 270 tons of oil and 60 tons of bonedust, having been taken. Last season 5,558 bags of oysters were picked, and the beds look well for the coming season.

Hokianga.—The oysters on the beds are not large, but they are fairly plentiful. The principal fish caught were schnapper, mullet, kahawai, rock-cod, herring, moki, and terakihi. The condition of the fish was good, and schnapper and mullet were very plentiful, especially the latter. Mussels, pipis, cockles, scallops, and crayfish abound on the coast. There are several smokehouses in the district. Eighteen fishing-boats were licensed from March to December, 1913, and eight from January to March, 1914.

Kaipara.—Fish have been caught in fair quantities. Mullet and schnapper have been plentiful. Flounders have been plentiful, but trevalli and gurnet have not been caught in large quantities.

Auckland.—There are about a hundred boats, employing approximately two hundred and fifty men, engaged in fishing in this district, and there are in Auckland four fish-curing establishments employing fifty men. There is also one such establishment at Kawau, one at the Great Barrier, and one at Mahurangi, besides which Tapu and Coromandel each have a mussel curing and canning factory. Fish of all kinds except mullet have been fairly plentiful. Mullet are very scarce, and a close season extending over a term of years is recommended. The oyster-beds in the Hauraki Gulf are looking well, and it is estimated that about 4,200 sacks of oysters can be taken from them this year.

Thames.—There are about forty boats, employing approximately a hundred men, engaged in fishing in the Thames district, most of them being employed in net fishing. The supply of fish has been considerably lessened during the last two or three years owing to the large quantities of jellyfish which fill the nets, and make it very difficult to work them. Flounders have been very plentiful. Schnapper were very scarce last winter, but they have been very plentiful during the last six months.

Napier.—The fishing during the year was good on the whole. The supply of flat fish was very good. Besides flat fish the principal fish taken were trevalli, gurnet, schnapper, moki, terakihi, and kingfish; but there was a perceptible falling-off in the quantities of all these fish, except kingfish, as compared with former years. Hand trawling from the beaches was not so good as in former years, the weather-conditions not having been suitable. Two steam-trawlers have been added to the trawling fleet, and there has been an average number of eleven trawlers employed during the year.

Pictou.—The principal fish taken were rock-cod, hapuka, butterfish, moki, terakihi, warehou, trumpeter, and flounders; but the fishing has not been good, and it has been necessary for the fishing-boats to work well out in Cook Strait.

Wellington.—During the year the catches from the local fishing-grounds have been fairly good, although the supply of hapuku has fallen off slightly, owing, it is stated, to the discovery

of several new fishing-grounds for other fish nearer to the city which have been frequented by the fishermen. Hake have been caught in increasing quantities. The principal fish caught have been cod, hapuku, butterfish, and hake.

Municipal Fish-market.—There has been a good increase in the patronage by the public of the local fish-market, and good supplies have come to hand, the market having received better support from the small fishermen. Good prices have been obtained for the supplies, while the public has been able to obtain the fish at reasonable figures.

Foxton.—The fishing industry during the year has been in a very satisfactory condition. Whitebait were plentiful during the season, and some good catches were made. Flounders and schnapper have also been plentiful, but the fishermen's boats are not suitable for going over the bar, where the schnapper-grounds are, in bad weather. Kahawai have not been so plentiful as last season, but occasionally some large catches were made.

Manukau.—There has been considerable improvement in the fishing industry, and there are forty-one licensed boats engaged in fishing in the harbour. Schnapper, mullet, and flounders have been fairly plentiful.

New Brighton.—With the exception of whitebait, fish have not been so plentiful as in previous years. Flounders, soles, herrings, and red cod have been very scarce. The prohibition of the use of hurdles has enabled every one to get a fair share of whitebait, and there have been very few complaints from regular fishermen.

Rangiora.—Whitebait-fishing has been fairly good. Besides whitebait the principal fish caught were flounders, soles, moki, kahawai, and herrings, but the catches have not been very good.

Lyttelton.—The supply of fish has been fairly plentiful. The greater part of the supply consists of hapuku, schnapper, and trumpeter, which come from Kaikoura, very few of these fish being caught near Lyttelton. Flounders, soles, red cod, butterfish, herring, and garfish have been fairly plentiful in and near Lyttelton Harbour, and the catches have been good. Crayfish were plentiful during the season. Blue cod, gurnet, mullet, and trevalli have been scarce.

Timaru.—The fishing during the past year has been fairly good, and the local market has been well supplied. During the greater part of the year the principal fish taken were groper, flounders, soles, brill, and barracouta. A good deal of the fish is sent to Christchurch and to the inland towns. The fishermen have made a request to the Harbour Board to build a market for the fishing-boat wharf in order that they may be able to retail their fish direct to the public.

Moeraki.—Fair catches of groper, blue cod, and red cod were made in the early part of the season, but later on all fish became scarce, and many of the fishermen had to lay their boats up.

Oamaru.—The principal fish taken were groper, blue cod, and ling, but the catches have been poor, mainly on account of the unfavourable weather.

Dunedin.—The market has been fairly well supplied, and the catches have been as good as those made in the previous year. Three steam trawlers have been in use during the year, and they and several of the fishing-boats which were fitted with trawling-gear during the winter months obtained good catches of flounders and soles. Groper were plentiful up to the end of February, but have since been getting scarce. Kingfish were taken in fairly large quantities during the summer months, and good hauls of barracouta were made within a few miles of Otago Heads. Ling have not been so plentiful as during previous seasons. Good hauls of red cod have been made by the trawlers, but very few have been taken by the line fishermen. The supply of terakili and moki has met the demand, and some good catches of trumpeter have been made, but the supply has been intermittent. Inside the harbour flounders and trevalli have been caught in fairly large numbers by the seine fishermen.

Nuggets.—The season has been a poor one, and the boats have had to go farther away. Groper, ling, and barracouta have been the principal fish taken. Fair catches of blue cod were made early in the season, but this fish is now very scarce.

Pounawea.—The seine fishermen report a fairly good year. The flounder, which is the principal fish taken, has been plentiful. Most of the fish are sold locally.

There are 121 fishing-boats registered in the Otago District.

Bluff.—Good catches of fish have been made during the year. The principal fish taken were blue cod, groper, moki, and trumpeter, which have been plentiful. 6,986 cwt. of fish, valued at £9,050, were exported from the Dominion.

Seals.

A close season for seals existed in New Zealand from the end of August, 1894, until the 1st July last, but owing to poaching, which it was found impossible to stop, the seals did not increase to anything like the extent they would have done had they been left alone. It was proposed a few years ago to grant licenses for the right to take seals, one of the conditions of which was that a royalty should be paid on each skin. Tenders were invited for the licenses, but none were received. The Department has not been able to ascertain the number of skins taken during the season, but 490, valued at £529, were exported from the Dominion. It is proposed that there shall be an open season this year.

Portobello Marine Fish-hatchery.

I attach reports from Mr. G. M. Thomson, Chairman of the Portobello Marine Fish-hatchery Board, and Mr. T. Anderton, Curator of the Hatchery, which give full information as to the work that is being carried out.

Salmon.

Three years have elapsed since the last shipment of Atlantic salmon-ova was obtained from England, but it is yet too soon for the fish to return from the sea, and therefore it cannot be said whether the attempt to introduce them has been successful. The Department is of opinion that another shipment should be procured, as our experience with the quinnat salmon proved that success could only be ensured by liberating the fry from several shipments of ova. The question of obtaining another shipment might, however, stand over until the receipt of Professor Prince's report on the fisheries. Last season 251,000 quinnat ova were collected in the tributaries of the Waitaki River, of which 150,000 were hatched at the Department's salmon-hatchery at Kokatahi and liberated in the tributaries of the Hokitika River, 25,000 were sent to Tasmania, 45,000 were liberated at Hakataramea, and the fry from 20,000 were kept in the ponds at Hakataramea. Several thousand were hatched out at Taupapa for the fresh-water aquarium and the Auckland Exhibition, and the balance represented the deaths.

The following fish were liberated from the Hakataramea Salmon-station in October, 1913: Quinnat salmon—three years old, 64; two years old, 882; one year old, 17,020; fry, 45,000: Rhine salmon, four and a half years old, 20: Atlantic salmon, four and a half years old, 20. This left in the ponds—Quinnat salmon, two years old, 80; one year old, 800; fry, 20,000.

Prosecutions.

There were twenty-three persons proceeded against for offences in connection with fish and oysters. In each case a conviction was recorded.

Inspection of Machinery Department.

The Public Service Commissioner having decided to amalgamate the Inspection of Machinery Department with the Marine Department, the amalgamation has been made. It took effect as from the 1st April last. The Inspection of Machinery report for last year is attached.

I have, &c.,

The Hon. the Minister of Marine, Wellington.

GEORGE ALLPORT, Secretary.

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

SIR,—

Customhouse Building, Wellington, 9th April, 1914.

I have the honour to submit herewith the annual report on the operations and work of the Inspectors of Machinery during the twelve months which ended on the 31st March, 1914.

Boilers inspected.

Every district in New Zealand has been visited by the Inspectors. Machinery in the North Island is being installed at a much more rapid rate than elsewhere, and nearly every district officer in the North Island is asking for assistance to cope with the increase in their respective districts. It will be imperative in the near future to appoint additional men to assist. Hitherto I have been able to send some of the local Inspectors from Wellington, but it will be impossible to do this next year, as the work in and around Wellington and its district demands their united efforts to cope with it. There has been no friction with owners of boilers throughout the year, and a good year's work has been accomplished. 7,036 boilers were inspected. All the machinery in motion at the works in which these boilers were in use was also examined.

Boilers.

Of the 7,036 boilers inspected, 424 were new, and examined for the first time. Drawings of these boilers have been received, and the design of the boilers and sufficiency of the scantlings have been thoroughly examined in each case.

Government Boilers and Machinery.

The following Government boilers and machinery were inspected during the year: 135 boilers, 18 lifts, 32 oil-engines, 9 gas-engines, 49 electric motors, 5 Peltons, and 3 turbines: total, 251. The whole of the machinery driven by these motors, &c., was examined, not only for defects but for fencing.

Defective Boilers and Fittings.

Defects numbering 966 were discovered in boilers and their fittings at inspections during the year. Of this number, 31 were very dangerous.

New Boilers.

During the year 424 new boilers were installed in the Dominion, with a total horse-power of 5,633½.

There does not appear to be any need for a firm to import a boiler unless it is one of a type that cannot well be made in the Dominion. Most of the New Zealand firms have good and up-to-date machinery, controlled by experienced workmen who are able to build a boiler in first-class style.

The following table shows the number and horse-power of the new boilers and the districts to which they have gone:—

District.	Local.		Imported.		Total.	
	Number.	Horse-power.	Number.	Horse-power.	Number.	Horse-power.
Auckland	34	496 $\frac{1}{4}$	21	794 $\frac{3}{4}$	55	1,291
Auckland South	30	460 $\frac{1}{2}$	11	94	41	554 $\frac{1}{2}$
Hawke's Bay	18	192 $\frac{3}{4}$	5	132	23	324 $\frac{3}{4}$
Taranaki	27	384	5	253	32	637
Wellington North	14	152 $\frac{3}{4}$	9	485 $\frac{1}{2}$	23	638 $\frac{1}{4}$
Wellington	31	250 $\frac{1}{2}$	6	268 $\frac{1}{4}$	37	518 $\frac{3}{4}$
Marlborough	8	40	1	7	9	47
Nelson North	3	32 $\frac{1}{2}$	6	43	9	75 $\frac{1}{2}$
Nelson South	4	16	3	58 $\frac{1}{2}$	7	74 $\frac{1}{2}$
Westland	10	134 $\frac{1}{2}$	11	255	21	389 $\frac{1}{2}$
Canterbury	33	104 $\frac{1}{4}$	14	64 $\frac{1}{4}$	47	168 $\frac{1}{2}$
Canterbury South	8	34	8	63 $\frac{1}{2}$	16	97 $\frac{1}{2}$
Otago	33	328	35	117	68	445
Southland	24	224	12	147 $\frac{1}{4}$	36	371 $\frac{1}{4}$
Totals	277	2,850	147	2,783 $\frac{1}{2}$	424	5,633 $\frac{1}{2}$

Gas-, Water-, and Electric-driven Machinery.—Lifts and Machinery Inspections.

This class of machinery is probably growing more general than any other in the Dominion. With the increase of wages and the difficulty in getting suitable labour in the country districts the oil-engine is now being generally adopted by the farmer. He can make use of it anywhere, at any time, and for almost all his power purposes. It is an ideal power for him, and he has not been slow to adopt it. The use of electricity in large towns and the price of land increasing so enormously in the centres has forced owners of buildings to increase their height, and, to provide for the convenience of those employed in such buildings, the electric lift has been introduced. This class of lift is now fitted wherever the electric power can be reasonably procured, and such lifts run smoothly and well.

The total number of machinery inspections made during the year was 9,030. Of this number, 1,400 were gas-engines, 3,755 oil-engines, 3,834 lifts and motors (which include water and electric motors), and 41 steam machinery.

Fencing of Machinery.

At all places where an Inspector pays a visit he has a good look around all machinery to see that there are no dangerous positions unprotected where an employee might meet with an accident.

Examination of Land Engineers and Engine-drivers.

Examination for electric winding-engine-drivers' certificates were held for the first time this year. Although electric power for such a purpose is not generally used at mines in the Dominion, there is no doubt that electricity is an ideal power for a winding-engine or for power purposes in a mine, as it can be transmitted almost anywhere to a motor used for developing work or for pumping purposes.

The book of regulations at present in use will most likely be reprinted during the incoming year.

Examinations were held at the following places during the year: Auckland,* Blenheim, Christchurch,* Domett, Dunedin,* Gisborne,* Greymouth,* Hamilton,* Havelock, Hawera,* Invercargill,* Kaikoura, Karamea, Miller's Flat, Napier,* Nelson,* New Plymouth, Palmerston North,* Queenstown, Timaru,* Waihi, Waitapu, 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. The total number who sat for these examinations was 741. Of this number, 546 passed and 195 failed.

Reciprocal certificates were issued to applicants from other States as follows: Denmark, 1; New South Wales, 1; Queensland, 1; Straits Settlement, 1; Tasmania, 4; Victoria, 2: total, 12.

Examination of Electric Tram-drivers.

Every candidate who applied and had the necessary qualifications was examined during the year. 143 candidates sat for examination. Of this number, 12 failed.

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

Board of Examiners.

The Board of Examiners constituted under section 48 of the Inspection of Machinery Act, 1908, met in Wellington on nine occasions for the conduct of business, when the whole of the certificates were dealt with before their issue to candidates who had passed the examinations under that Act and the Tramways Act, 1908. It is under the last-named Act that the certificates are issued to electric motormen employed on tramways.

Accidents.

I am pleased to have to record that no boiler-explosion has occurred during the year, and such a result is most gratifying to the Department. At every inspection the Department's officers endeavour to locate all defects and to have every weak place strengthened or wasted scantlings renewed. To see everything both inside and outside of a boiler entails very often a great deal of work and inconvenience, but one has only to read of the dire havoc wrought by a boiler-explosion to appreciate what is being done in New Zealand for public safety. I trust that we will have no explosions in New Zealand for many a day.

With moving and other machinery there has been several accidents recorded. A great many of these occurred very simply, and every employer should insist on all his employees taking no risks. If an employee considers that some portion of a machine he is working at should be better guarded he should report it without delay to the owner. Owners throughout New Zealand are most anxious to carry out any suggestion made by an Inspector for improvement in fencing their machinery. Anything that makes for greater immunity from accident should be encouraged and adopted at once.

Postal and Police Departments.

I have to acknowledge many favours from the Postal and Police Departments during the year, and the promptness in dealing with all cases brought before both Departments leaves nothing to be desired.

Examination of Marine Engineers.

Examinations for certificates of competency were held during the year at Auckland,* Christchurch,* Dargaville, Dunedin,* Greymouth,* Half-moon Bay, Hamilton,* Hokianga, Invercargill,* Kohukohu, Mongonui, Napier,* Nelson,* Palmerston North,* Picton,* Pounawea, Russell, Stratford, Tauranga, Timaru,* Tryphena, Wanganui,* Wellington,* Westport, and Whangarei.

The total number of the candidates who sat was 359; 298 passed and 61 failed.

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 new regulations are being prepared, and will contain much new matter, and will be framed to suit the new regulations introduced by the Board of Trade of Great Britain.

The fees received from the candidates examined amounted to £306.

Explosives.

There were 215 permits issued at the Port of Wellington for the carriage of explosives on passenger and cargo vessels.

Annual Surveys of Steamships and Auxiliary-powered Vessels.

This branch of the departmental work has been well maintained during the year, more especially at the ports of Auckland, Wellington, Lyttelton, and Dunedin. A great many repairs to defective parts of hulls and machinery have been carried out during the year. Oil-launches in increasing numbers have had to be dealt with. In Marlborough Sounds, Hokianga Harbour, and in a great many of our rivers and estuaries these launches, in addition to their use for pleasure purposes, have proved of paramount importance to the settlements in the country. In arranging dates of survey and granting time for the completion of equipments the convenience of owners has been consulted as far as possible.

Home-trade and foreign steamship surveys of all vessels due have been completed and the convenience of shipowners as to time and place of survey have in nearly all cases been met.

Several new vessels have been built in the Dominion during the year, and their construction has been closely watched during their progress on the stocks. Drawings of six new vessels, with their respective specifications, were submitted for the Department's approval prior to construction being commenced. This is a very important detail, for it not only ensures uniformity of practice in shipbuilding, but gives time for any needed alteration in design that may be necessary. Such alteration of detail can be discussed fully before the vessel's construction is started, and avoids subsequent friction between the surveyor and builder or owner.

New Zealand timbers have been largely used for the hull scantlings. One vessel, however, was built of steel in England, then taken to pieces and re-erected at Onehunga. This vessel was of special design for shallow waters. Of the six vessels, three are steamers, and it is a matter for regret that only in one instance were the propelling engines and the boilers made locally. The Board of Trade has amended the "Instructions as to the Survey of Passenger Steamships," and the Department is now using these amended regulations in connection with the surveys of all vessels. The amendments refer to deck-equipments, boiler-construction, refrigerating machinery, and motor-boats. Modern construction in marine engineering is now represented in New Zealand by the introduction of turbine steamers, one of which has water-tube boilers installed.

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

The Devonport Ferry Company, in Auckland, have practically renewed their fleet in recent years, and this firm must not only be congratulated on their enterprise in this direction, but also in having these vessels constructed in Auckland. This confidence in the local shipbuilders has not been misplaced, for the success and suitability of the new vessels are apparent. I had the pleasure recently of being present at a trial run of one of them, built specially for service between Auckland and St. Heliers and other bays.

Sixty-four of the vessels surveyed were fitted with new propeller shafts, 25 had new propellers fitted, 9 had new blades fitted to their propellers, 1 had a new boss to the propeller, 35 had new engines fitted, 4 had new main boilers fitted. Three out of the four boilers were built in the Dominion. A donkey boiler on one of the vessels surveyed was condemned as unfit for further service.

The number of surveys made during the year total 712.

During the summer months a great many special excursions have been run, and, so far as I am aware, have not been attended with any mishap. The general equipment for all of these vessels so engaged has been supervised in every case by a competent surveyor.

Surveys of Ships for Seaworthiness.

A large number of seaworthiness surveys were made during the year, and each year this class of work demands more of the attention of the Department's surveyors. Ships of modern construction are driven faster than formerly, the machinery is much more complicated, the steam-pressures are quite 100 per cent. higher than they were twenty years ago, and the wear-and-tear and the risks are thereby increased. The number of vessels employed on and around the coasts and in the foreign and intercolonial trades have also largely increased. The causes which led up to these surveys include the following: Defects in pumps, propeller aperture, combustion chamber, main steam-pipes, and crank-shaft, fires, grounding, broken propeller-shaft, collisions, leaks, shortage of water in boilers, broken rudder, &c.

The total number of seaworthiness surveys made was forty-three.

Government Steamers.

The Government steamers surveyed during the year numbered eighteen, as follows: s.s. "Amokura," s.s. "Antrim," s.s. "Ben Lomond," s.s. "Earnshaw," s.s. "Hauraki," s.s. "Hinemoa," o.e.v. "Huia," o.e.v. "Irina," s.s. "Janie Seddon," s.s. "Lady Roberts," o.e.v. "Manurewa," o.e.v. "Mororo," s.s. "Mountaineer," o.e.v. "Patiti," o.e.v. "Reremoana," s.s. "Tawera," s.s. "Tutanekai," and o.e.v. Defence launch "W."

No special repairs were made to any of the Government steamers during the year outside the ordinary repairs that were found necessary at their annual surveys.

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

During the year ninety-six steamships and vessels fitted with oil-engines as a motive power have been surveyed for the first time.

Sailing-ships.

The surveys of sailing-ships have been practically completed, and at the end of the year very few were due for survey. As contemplated last year, there were not so many general repairs this year owing to the completeness of what was practically the first survey of these vessels last year. The whole time of one of our surveyors at the Port of Auckland is taken up with sailing-ships. Auckland is by far the biggest centre for sailing-ship traffic. The nature of the country and the timber and other industries established on the banks of shallow rivers and estuaries afford profitable employment for scows and small sailing craft. The total number of surveys of sailing-vessels made during the year amount to 104.

Districts and Inspections.

Mr. James McAlpine, who was attached to the Auckland office as an Inspector of Machinery and Surveyor of Ships, died on 28th September, 1913. He joined the Department on the 25th March, 1912, and though only a young officer, he showed by his work all through marked ability and fitness for the position. He had gained the confidence of the public who had had dealings with him and the esteem of all his colleagues.

The additions to the technical staff during the year were as follows: Patrick Joseph Healy, appointed to the Wellington District on 17th October, 1913; William John White, appointed to fill the vacancy caused by the death of the late Mr. McAlpine at Auckland, took up his duties on 24th October, 1913; Joseph Edward Faulder Buckland, appointed to the Southland District on the 26th November, 1913.

I have, &c.,

ROBERT DUNCAN,

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

The Secretary of Marine and Inspection of Machinery Department.

The CHAIRMAN, Portobello Marine Fish-hatchery Board, to the MINISTER OF MARINE.

SIR,—

Dunedin, 3rd June, 1914.

In presenting the annual report of the Portobello Marine Fish-hatchery Board, I have the honour to draw attention to the success which has attended its operations since its inception.

These operations follow two main but distinct lines—viz., the introduction and naturalization of desirable food fishes, and the study of the local fishery question and the various problems relating to it. The latter include the life-histories, habits, migration, food, mode of propagation, &c., of the species under examination—all subjects of which little or nothing has been learned in the past; and these are not only of great interest to the naturalist and biologist, but of the utmost importance in dealing with our fishery laws and regulations.

The introduction of food fishes and crustacea has included so far only three species—viz., the European turbot, the European lobster (*Homarus vulgaris*), and the European edible crab (*Cancer pagurus*). The interesting report for the year ending the 31st March, 1914, sent in by Mr. T. Anderton, Curator of the Portobello Station, and which is enclosed herewith, gives a *résumé* of the work done during the year, and of the measure of success attending the operations carried out. It will be noted that the tending and feeding of the stock at present in the tanks and ponds has absorbed very much of the time and attention of those in charge.

In past seasons large numbers of lobster and crab fry have been liberated, and the probability is that many of these will reappear in our waters as they attain maturity. All attempts made to find traces of any of these in Otago Harbour have failed hitherto, though traps have been set on many occasions and the contents of seine nets and traws carefully examined. But when I communicated these facts to Dr. Williamson, of the Aberdeen Marine Biological Station (Scotch Fishery Board), he informed me in reply that practically young lobsters and crabs are not met with in European seas. It would seem, though the fact is only surmised, that the young of these crustaceans live in somewhat deep water until they are sexually mature. The failure to find them in our seas need not, therefore, cause us to anticipate the failure of our experiment.

It is matter for passing regret that the little lobster which was reared in the tanks of the hatchery died in April of this year, during one of its periodical moults. It was four and a half years old, and measured somewhat under 5 in. in length. As far as we know, it was the only lobster reared in confinement which had lived over a year.

In regard to the turbot which were brought out early last year, I desire to say that the remarkable success which has been achieved by Messrs. Anderton and Adams in rearing them to their present size and fine condition without the loss of a single specimen has been due to the unremitting care and attention which they have devoted to the work. At the same time the Board feels that this minute care, which is so essential, could be given with unskilled labour under supervision, and that Mr. Anderton should be freed from it to carry out research work on the native food fishes and fish-food, which is so important for the future development of the fishing industry. In this connection we consider the station has more than justified its existence and the small sum annually expended on its upkeep, and we recommend that the facilities for research work should be extended. This could be done, *inter alia*, by selling the present oil-launch and replacing it by a larger boat capable of running out twenty miles or more from the Heads. This boat should be fitted with a small otter trawl (and spare net), seine nets, tow nets for surface work and plankton, a sounding-machine, &c. Only by such means can accurate observational work be done.

We would suggest also that your Department might urge on the Minister of Education the desirability of altering the present University Science Research Scholarship scheme so as to make it more attractive to students. If the scholarships are reduced in number and doubled in value, thus making them worth £200 a year tenable for two years, the best research students of the New Zealand University would be induced to take up post-graduate work. There are numerous problems in connection with our fisheries waiting solution, which can only be worked out by trained biologists. Until they are solved, any legislation based on them is apt to be of a very imperfect character, as so much of the past fishery legislation has been. For example, the life-history of the Foveaux Strait mud-oyster requires careful and continuous skilled observation by one trained in biological technique and able to devote much and long-extended time to the research. Accommodation could be found at or near the Portobello Station for any one engaged on such work.

Everything in connection with the buildings and apparatus of the hatchery is kept in good order, and at the same time the utmost economy consistent with the maximum of efficiency has been practised by all concerned. As in the past, the secretarial and supervision work of the station has been carried out without cost to the establishment.

I have, &c.,

GEO. M. THOMSON, Chairman.

The Hon. F. M. B. Fisher, Minister of Marine, Wellington.

GENTLEMEN,—

Portobello, 31st May, 1914.

I have the honour to present the following (the eighth) annual report of operations at the Marine Fish-hatchery for the year ending 31st March, 1914.

Lobsters.—The stock of lobsters, forty-one in number, which arrived in March, 1913, were placed on arrival in the largest pond, and since then have not been handled. Only two deaths have taken place, and both have been due to injuries received whilst fighting. The stock in this pond now stands at thirty-nine. Many of the females carried full bunches of eggs on arrival, but owing chiefly to the low temperature of the tank-water these lobsters were not brought into

the indoor tanks for hatching: the larvæ would escape through the pond-valves and become distributed by the action of the tides. The majority of the females are now seen to be again egg-bearing, and, as they have this time been spawned in their proper season for these waters, it is expected that large numbers of larvæ will be secured for distribution about November. The old stock of lobsters have for the last year been confined in the wharf pond. Three of these have died and several others have lost one or more of their large claws through fighting. Owing to the heavy loss of eggs that takes place amongst the attached eggs while the adults are in close confinement in the ponds, the Board decided to try the experiment of liberating a number of these old stock lobsters. Eight of the largest females were liberated in what was considered to be the most suitable locality as soon as the eggs were spawned. All these carried complete bunches of eggs which, under the improved conditions of a natural environment, will in all probability remain attached to the adults until hatched, and should result in the production of a large number of healthy larvæ. Four large males were put out in the same locality at the same time.

Crabs.—The new shipment of forty-three crabs were placed in the No. 2 pond. At the approach of cold weather several of these died. The cause of death was not apparent. The dead ones were usually discovered almost buried in the thick soft mud at the deeper end of the pond, and it was thought that this mud was at the least a contributing cause. Several launch-loads of clean sand were brought up from the Heads and a layer of 6 in. of this was strewn over the bottom of the two smaller ponds. The majority of the crabs were transferred to these two ponds. A little improvement was noticed, but they remained very sluggish, and many more died. After consulting with the Minister of Marine and the Secretary of the Marine Department it was decided to liberate the majority of the remainder. In all sixteen died; nineteen were liberated in a favourable locality, which for obvious reasons need not be disclosed; eight have been retained in the pond. Although the whole of the previous shipment of crabs have died, a greater measure of success was obtained from them during the three years they were confined in the ponds. Some twenty million larvæ were liberated from them. The reason of the non-success of the last shipment is obscure. The crab, in its native habitat, migrates to the deeper water in the winter-time, and it is quite probable that the rapid fall in temperature so soon after arrival, and whilst in a weak state, was to a great extent the cause of the heavy mortality.

Turbot.—The stock of turbot remains the same as in May last. None have died during the year. The six large glass tanks have been brought into use for their accommodation, and a large wooden tank measuring 15 ft. by 5 ft. 6d. by 2 ft. deep has been fitted up. In the latter tank thirty of the largest have been placed. With few exceptions all have shown enormous growth during the year. In March of last year the length varied from 2 in. to 4 in. By the end of May the largest measured about 6 in. in length. Many of the largest have now attained a length of 13 in. and a breadth of 9 in. across. All are in perfect condition and of great thickness. The utmost care has been exercised throughout the year in order to prevent the access of harmful bacteria. Flat fishes in close confinement are extremely susceptible to disease. Our own previous experience with flounders and soles, and the experience of all the British stations, has proved that with ordinary care it has been necessary to renew the stock of breeding flat fishes each year, owing to an outbreak of a disease which causes the skin to become affected with ulcer-like sores. To replenish the stock of turbot each year is, however, impracticable, hence the extreme precautions that are being taken. The slow process of extracting from all the tanks by siphons, immediately after feeding, every particle of unconsumed food, sand, manure, &c., is repeated, and occupies practically the whole of each morning. Once a week the inside faces of the glass and the cement bottoms of the tanks are scrubbed without removing or unduly alarming the fishes. Ling and moki, the latter being taken by set-net close to the station, have been chiefly used for feeding purposes. A whole ling, cut into pieces about half an inch square, will now be consumed at one meal. Fish showing the slightest signs of staleness is never used as food. The turbot become very active towards feeding-time, and rise to the surface as soon as the tank is approached, but soon "sand" themselves over and remain quiet after the tanks are cleaned out and the fresh sand is thrown in. The largest ones are now being fed almost entirely on live fishes, chiefly cock-a-bullies (*Trypterygion* sp.). These are caught by means of hoop-nets. The turbot are extremely active in seizing these; even the large ones, as thick as one's finger, are swallowed whole, and so rapidly that one can scarcely discern the act. The small apparatus for heating the tank-water has proved most satisfactory and efficient. The supply-water has never been allowed to fall below 40° C. (39.4° F.). The prospect of being able to acclimatize this valuable fish is very assuring. It will probably be necessary and advisable, on account of want of space, to liberate a large proportion next summer and retain a small number for spawning purposes. They will by then have attained a length of about 18 in., and will by their size and adaptability to protective colouring be quite able to protect and to forage for themselves.

The appointment of Mr. Adams, the assistant curator, to the position of Inspector of Fisheries for Otago has deprived the station of a considerable portion of his time. This work is, however, one of the essential duties of a biological station, and the loss of time is more than compensated for by the facts and collection of statistics that is being placed on record in a volume set apart for that purpose. A record is kept of the quantity and prices of fish exposed for sale on the Dunedin wholesale market.

The Chairman, Mr. G. M. Thomson, M.P., is at present engaged in preparing a card catalogue of the library. The library now consists of some six hundred volumes and a vast number of leaflets, pamphlets, &c. A catalogue of authors, and of the subject-matter of the contents of these volumes, &c., will entail some weeks' labour on his part, but will greatly facilitate the reference to any desired subject.

Considerable time has been devoted, as usual, to the study of the life-history, food, &c., of local fishes. The eggs of several additional species have been secured, including those of the

john-dory (*Zeus faber*), bringing the total number so far secured up to thirty-four species. Thousands of notes on stomach-contents have been placed on record, and some interesting facts are being brought to light. An interesting experiment has been conducted during the year with a view to ascertaining the life-history of the whale-feed (*Grimothea gregaria*). The identity of this valuable fish-food with that of the bottom-living form known as *Munida subrugosa* has long been suspected. The larvæ have now been secured and the identity has been established. Much of its life-history has now been learned, and when the few links have been fitted in the subject will be treated in a special paper, with drawings.

I was privileged to accompany Professor Prince in the steamer "Hinemoa" during a trip around the coasts of both Islands in April and May for the purpose of reviewing the trawling resources of the Dominion. A collection of fishes was made for Professor Prince, and I was also enabled to collect specimens of crustacea, annelids, mollusca, small fishes, &c.

A large shed, 20 ft. by 16 ft., has been erected on the eastern side of the pond embankment for the purpose of the storage of spare tanks, coolers, coke, &c., and as a workshop. The old workshop is now used as a store-room for paints, &c., and a portion has been partitioned off as a dark room. The lean-to shed at the rear of the Curator's residence has been converted into a small bedroom. All the paths and steps have been top-dressed with sand and tar. The launch and dinghy have been regularly slipped for painting. Both are in good order. The cottages and station buildings will require to be painted before long. The interiors of the cottages also require attention as soon as can be conveniently arranged.

I have, &c.,
T. ANDERTON.

RETURN SHOWING THE TOTAL ORDINARY EXPENDITURE OF THE MARINE AND INSPECTION OF
MACHINERY DEPARTMENT DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

Nature of Expenditure.	Details.	Totals.	Grand Totals.
	£ s. d.	£ s. d.	£ s. d.
Marine Head Office salaries	..	2,986 13 6	
Harbours :—			
Manukau,—			
Salaries	244 2 1		
House allowance of Harbourmaster	7 5 10		
Stores and contingencies	77 19 3		
Ngunguru,—		329 7 2	
Salary	..	2 18 0	
Hauraki Gulf,—			
Inspection of beaches	..	25 0 0	
Russell,—			
Re-erection of flagstaff	53 10 0		
Painting buildings, &c.	9 14 0		
Tauranga,—		63 4 0	
Salary	..	4 3 4	
Hokianga,—			
Salaries	521 5 0		
Stores and contingencies	148 8 4		
Kaipara,—		669 13 4	
Salaries	715 0 0		
House allowance of Harbourmaster	26 0 0		
Stores and contingencies	229 10 0		
Tongaporutu,—		970 10 0	
Salary	25 0 0		
Stores and contingencies	8 8 3		
Opunake,—		33 8 3	
Salary	..	4 3 4	
Whangaparapara,—			
Salary	36 0 0		
Stores and contingencies	5 5 11		
Mokau,—		41 5 11	
Salary	..	50 0 0	
Awakino,—			
Salary	20 0 0		
Stores	15 10 9		
Marakopa,—		35 10 9	
Salary	..	12 10 0	
Picton,—			
Salary	285 0 0		
Launch-hire	18 17 6		
Stores and contingencies	42 5 5		
Nelson,—		346 2 11	
Salaries of signalmen	..	19 5 6	
Carried forward	..	5,593 16 0	

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.
Brought forward	..	5,593 16 0	
Harbours— <i>continued.</i>			
Waitapu,—			
Salary	25 0 0		
Attending lights	75 0 0		
Stores	0 4 11		
Puponga,—		100 4 11	
Stores	..	13 0 0	
Collingwood,—			
Salary	60 0 0		
Stores and contingencies	30 17 8		
Karamea,—		90 17 8	
Salary	139 6 2		
Beacons	47 4 6		
Removal of snags	23 12 0		
New house	220 0 0		
Stores and contingencies	45 4 6		
Little Wanganui,—		475 7 2	
Piloting	11 0 0		
Stores and contingencies	4 16 0		
Greymouth,—		15 16 0	
Salary of Harbour Engineer*	..	420 0 0	
Okuru,—			
Salary	60 0 0		
Stores	9 4 6		
Okarito,—		69 4 6	
Salary	50 0 0		
Piloting	45 0 0		
Extra wages	11 0 0		
Cutting channel through bar	10 0 0		
Stores and contingencies	15 14 0		
Waikawa,—		131 14 0	
Salary	..	15 0 0	
Iron buoys	149 0 0		
Salary of storeman	220 0 0		
Buoy-chain	108 15 10		
Buoys and beacons	137 13 10		
Stores and contingencies	160 15 8		
		776 5 4	
Lighthouses :—			
Salaries of keepers	11,151 16 11		
Oil, stores, and contingencies	7,461 3 3		
Lightkeepers' travelling-expenses	305 17 6		
Salary of Lighthouse Expert	270 0 0		
		19,188 17 8	
Meteorological Office :—			
Salaries	1,314 7 8		
Extra clerical assistance	13 2 10		
Postage, telegrams, and rent of boxes	1,283 10 5		
Weather telegrams by wireless	100 0 0		
Purchase of instruments	25 16 2		
Repairs to instruments	2 7 2		
Cleaning offices	24 0 0		
Inspection of stations	12 6 11		
Printing and stationery	107 5 7		
Rent, office equipment, &c.	178 14 3		
Telephones	39 15 9		
Contingencies	1 7 0		
		3,102 13 9	
Mercantile Marine Offices :—			
Salaries	4,637 6 5		
Rent	218 10 2		
Cleaning offices	79 12 3		
Telephones	94 13 3		
Travelling-expenses	76 19 1		
Contingencies	0 4 6		
		5,107 5 8	
Protection of fish and oysters :—			
Salaries of Inspectors	1,074 13 3		
Picking and sale of oysters	4,502 14 8		
Planting oysters in Hauraki Gulf	75 0 8		
Benzene oil and stores	140 14 11		
Casual labour	172 18 0		
Collection and distribution of brown-trout ova	159 6 8		
Grant for maintenance, Portobello Fish-hatchery,—			
Salaries	380 0 0		
Repairs, &c.	91 18 10		
Fresh-water aquarium, Auckland Exhibition	1,917 4 1		
Hakataramea Salmon Station,—			
Salaries	385 0 0		
Working-expenses	70 4 3		
Importation of herring, lobsters, &c.	367 15 5		
Carried forward	9,337 10 9	35,100 2 8	

* 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.
Brought forward	9,337 10 9	35,100 2 8	
Protection of fish and oysters— <i>continued.</i>			
Stocking West Coast rivers with salmon	208 19 3		
Travelling-expenses	134 7 3		
Contingencies	13 12 5	9,694 9 8	
		44,794 12 4	
Less recoveries	..	2,737 0 2	42,057 12 2
Government steamers:—			
S.s. "Hinemoa"	11,024 2 0		
S.s. "Tutanekai"	1,362 13 11		
Training-ship "Amokura"	8,337 6 0	20,724 1 11	
Less recoveries (including £957 8s. 6d. for admission to fresh-water aquarium, Auckland Exhibition)	..	1,691 19 3	19,032 2 8
Marine miscellaneous services:—			
Head Office travelling-expenses	17 17 10		
Administration of Shipping and Seamen Act and inquiries into shipping casualties	294 4 8		
Audit fees for inspection of accounts	75 0 0		
Automatic light for Shelly Beach Beacon, Kaipara	286 4 0		
Beacons, buoys, and lights,—			
Jackson's Head	45 8 4		
Kaipara Harbour	33 17 11		
Cartage and freight	109 11 11		
Charts, books, &c.	184 18 6		
Checking overcrowding of steamers	349 3 0		
Clearing weeds from Mahinapua Creek	25 0 0		
Compensation to Captain Atwood in connection with wreck of "Elingamite"	1,000 0 0		
Contribution towards New Zealand sailors' room, England	17 17 0		
Defalcations of late C. B. Jarman, clerk in Mercantile Marine Office, Dunedin	247 11 7		
Departmental counsel on Westport Harbour Board Royal Commission	100 0 0		
Extra clerical assistance	7 8 8		
Fog-signals, cartridges, and maintenance	756 5 8		
Gas and fuel for offices	23 1 4		
Grants,—			
For improving Little Akaloa wharf	50 0 0		
For improving navigation Taheke River	5 1 6		
For repairs to Portage Bay Wharf	22 2 9		
For repairs to Waitaria Wharf	6 18 6		
For wharf at Waiau Pa, Manukau	100 0 0		
Legal expenses	49 6 2		
Morse signals at lighthouses	59 19 0		
"New Zealand Nautical Almanac"	439 12 4		
Office equipment	85 3 11		
Postage, telegram, and rent of boxes	485 9 7		
Preparation of tide-tables	560 0 0		
Printing and stationery	670 4 6		
Prosecutions under Shipping and Seamen, Harbours, and Sea-fisheries Acts	44 0 0		
Publication of Nautical Tables	50 0 0		
Railway fares of Royal Naval Registrar	5 7 8		
Relief of distressed seamen	45 1 8		
Relief of distressed New Zealand seamen and others in the United Kingdom	67 7 1		
Rents and expenses connected with examinations	32 7 10		
Repairs to boat-slip, Port Moeraki	0 19 6		
Subsidy for re-erection of shed on Warkworth Wharf	250 14 7		
Survey of unseaworthy ships	6 6 0		
Survey of Westhaven Harbour	108 14 0		
Telephones	76 5 7		
Contingencies	69 10 0	6,864 2 7	
Less recoveries	..	550 2 6	6,314 0 1
Inspection of Machinery and Survey of Ships:—			
Salaries	10,465 6 9		
Advertising, books, and periodicals	31 3 0		
Balance of salary paid to widow of James McAlpine	2 0 0		
Collection of inspection fees	150 0 0		
Compensation to Henry Wetherilt	100 0 0		
Office equipment and requisites	62 0 10		
Postage, telegrams, and rent of boxes	309 16 5		
Printing and stationery	255 8 2		
Rent, cleaning offices, fuel, and light	135 14 6		
Telephones	87 6 7		
Transfer of family and effects of late James McAlpine	40 0 0		
Travelling allowances and expenses	2,966 15 0		
Contingencies	19 16 0		
			14,625 7 3
Grand total	..	..	£82,029 2 2

RETURN SHOWING TOTAL COST OF MAINTENANCE OF THE NEW ZEALAND COASTAL LIGHTHOUSES
DURING THE FINANCIAL YEAR ENDED 31ST MARCH, 1914.

Name of Lighthouse.	Salaries.	Oil consumed.		Stores and Contingencies.	Totals.
		Gallons.	Value.		
	£ s. d.		£ s. d.	£ s. d.	£ s. d.
Cape Maria van Diemen	344 13 5	717†	29 17 6	242 8 8	616 19 7
Cape Brett	380 8 4	704†	29 6 8	268 11 2	678 6 2
Mokohinou	368 11 4	825*	68 15 0	(a)450 3 7	887 9 11
Tiri Tiri	286 10 0	567*	47 5 0	87 19 3	421 14 3
Ponui Passage	108 7 9	79*	6 11 8	(b)297 4 3	412 3 8
Cuvier Island	360 11 4	734†	30 11 8	207 9 7	598 12 7
East Cape	346 4 11	884*	73 13 4	187 15 2	607 13 5
Portland Island	380 2 10	751*	62 11 8	105 18 1	548 12 7
Napier Bluff.. ..	20 0 0	Gas	14 12 0	2 0 6	36 12 6
Castle Point	424 17 10	710†	29 11 8	156 6 8	610 16 2
Cape Palliser	305 0 0	603†	25 2 6	151 12 1	481 14 7
Pencarrow Head	304 16 3	700†	29 3 4	118 19 6	452 19 1
Somes Island	305 0 0	631*	52 11 8	126 3 7	483 15 3
Cape Egmont	305 0 0	689†	28 14 2	142 15 6	476 9 8
Manukau South Head	305 0 0	591*	49 5 0	73 11 3	427 16 3
Manukau South Head leading-lights	..	162*	13 10 0	..	13 10 0
Manukau North Head leading-lights	39 9 9	84*	7 0 0	23 18 6	70 8 3
Kaipara Head	256 4 5	560*	46 13 4	(c)330 13 3	633 11 0
Brothers	489 17 7	740†	30 16 8	204 2 0	724 16 3
Tory Channel leading-lights	100 0 0	184*	15 6 8	9 3 10	124 10 6
Cape Campbell	230 12 2	629†	26 4 2	(d)207 8 11	464 5 3
Godley Head	250 15 7	596*	49 13 4	133 7 3	433 16 2
Akaroa Head	310 0 0	604*	50 6 8	61 12 7	421 19 3
Jack's Point.. ..	160 0 0	338†	14 1 8	80 3 1	254 4 9
Moeraki	290 0 0	578*	48 3 4	(e) 72 19 6	411 2 10
Taiaroa Head	296 19 9	498*	41 10 0	55 10 0	393 19 9
Cape Saunders	270 13 6	620†	25 16 8	80 5 1	376 15 3
Nugget Point	414 12 4	740†	30 16 8	117 17 10	563 6 10
Waipapapa Point	263 11 5	764†	31 16 8	(f)138 8 9	433 16 10
Dog Island	404 2 6	714*	59 10 0	126 1 1	589 13 7
Centre Island	395 17 8	634†	26 8 4	178 7 7	600 13 7
Puysegur Point	408 7 9	776†	32 6 8	(g)200 8 3	641 2 8
Cape Foulwind	310 0 0	627*	52 5 0	(h)271 17 0	634 2 0
Hokitika	20 0 0	Gas	11 18 0	0 6 3	32 4 3
Kahurangi Point	384 7 4	1,017*	84 15 0	(i)194 18 8	664 1 0
Farewell Spit	414 18 2	657†	27 7 6	215 15 11	658 1 7
Nelson	306 14 6	221*	18 8 4	78 8 8	403 11 6
French Pass	175 0 0	184*	15 6 8	48 9 10	238 16 6
Stephens Island	414 8 6	670†	27 18 4	194 2 5	636 9 3
Totals	11,151 16 11	..	1,365 12 6	5,643 5 1	18,160 14 6

* Paraffin oil.

† Kerosene oil.

(a) Includes £202 15s. 3d. for addition and repairs to dwellings. (b) Includes £215 2s. 7d. for repairing tower damaged by scow.
(c) Includes £119 0s. 3d. for new stable and removing store. (d) Includes £20 0s. 5d. for building outhouses. (e) Includes £20 for cow-shed.
(f) Includes £30 16s. 9d. for fencing. (g) Includes £24 7s. 1d. for repairs. (h) Includes £124 5s. for building outhouses, and repairs.
(i) Includes £77 for packing stores.

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
Farwell 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
Puyssegur 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 (building)	1,227 7 8
Karori Rock (building)	1,980 6 1
Cost of telegraph-cable to Tiritiri	1,085 19 6
Miscellaneous and unallocated	1,322 2 2
Total	£217,520 12 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, AND THE TRAMWAYS ACTS,
DURING THE FINANCIAL YEAR ENDED 31ST
MARCH, 1914.

Nature of Receipts.	Amount.
	£ s. d.
Shipping and Seamen Acts :—	
Fees for engagement and discharge of seamen, and sale of forms	3,704 5 3
Surveys of steamers and sailing-vessels	2,852 0 0
Measurement of ships	35 16 0
Examination of masters, mates, and engineers	460 5 0
Light dues	41,745 12 4
Sundry receipts	627 5 3
Merchant Shipping Act	175 18 0
Harbours Acts :—	
Pilotage, port charges, &c.	1,440 13 4
Foreshore rents, and sundry receipts	1,314 5 1
Fisheries Acts :—	
Sale of oysters	6,154 9 0
Sundry receipts	335 8 6
Inspection of Machinery Acts :—	
Inspection of boilers and machinery	11,732 2 6
Examination of engine-drivers	784 10 0
Tramways Acts :—	
Examination of electric-tram drivers	142 5 0
Total	£71,504 15 3

RETURN SHOWING THE AMOUNT OF LIGHT DUES
COLLECTED DURING THE FINANCIAL YEAR
ENDED 31ST MARCH, 1914.

Port.	Amount collected.
	£ s. d.
Auckland	15,484 4 4
Onehunga	116 19 4
Whangarei	201 10 5
Russell	62 12 6
Mangonui	0 6 2
Whangaroa	11 14 10
Hokianga	22 2 5
Whitianga	11 0 4
Whangape	0 6 0
Kaipara	104 5 10
Whangaparapara	4 7 4
Thames	71 1 8
Coromandel	17 4 1
Tauranga	44 7 4
Poverty Bay	808 14 10
Napier	1,153 10 1
New Plymouth	287 9 2
Waitara	121 4 3
Patea	18 4 1
Wanganui	271 1 5
Wellington	11,361 5 9
Wairau	19 2 0
Picton	454 2 2
Nelson	399 12 4
Westport	624 2 4
Greymouth	343 2 6
Hokitika	3 8 3
Lyttelton	3,296 13 5
Timaru	644 13 5
Oamaru	157 17 2
Dunedin	2,229 0 3
Bluff and Invercargill	3,400 6 4
Total	£41,745 12 4

RETURN SHOWING THE AMOUNT OF PILOTAGE,
PORT CHARGES, ETC., COLLECTED DURING
THE FINANCIAL YEAR ENDED 31ST MARCH,
1914.

Name of Port.	Pilotage.	Port Charges, &c.	Total.
	£ s. d.	£ s. d.	£ s. d.
Auckland*	11,180 16 5	7,961 11 0	19,142 7 5
Onehunga	21 19 0	177 14 0	199 13 0
Hokianga	23 19 0	.. .. .	23 19 0
Kaipara	325 12 2	498 18 8	824 10 10
Thames*	41 16 5	157 6 3	199 2 8
Gisborne*	164 0 7	4,426 9 1	4,590 9 8
Wairoa*	222 3 0	141 10 8	363 13 8
Napier*	1,065 17 7	6,996 3 9	8,062 1 4
N. Plymouth*	375 16 0	390 14 1	766 10 1
Waitara*	85 9 0	183 2 5	268 11 5
Wanganui*	824 17 2	157 10 9	982 7 11
Patea*	72 17 3	16 8 9	89 6 0
Foxton*	1,431 16 9	.. .. .	1,431 16 9
Wellington*	787 1 11	19,710 5 4	20,497 7 3
Picton	58 19 7	295 11 5	354 11 0
Wairau*	629 2 4	459 11 9	1,088 14 1
Nelson	3,155 4 0	1,331 8 3	4,536 12 3
Westport*	422 7 2	.. .. .	422 7 2
Karamea	37 19 6	.. .. .	37 19 6
Hokitika* .. .. .	.. .. .	141 14 3	41 14 3
Lyttelton*	13,323 0 1	7,793 16 6	21,116 16 7
Kaipoi* .. .. .	.. .. .	273 9 6	273 9 6
Timaru*	3,120 7 10	3,744 18 2	6,865 6 0
Oamaru* .. .. .	.. .. .	12,088 12 8	2,088 12 8
Dunedin*	10,640 12 11	9,922 19 0	20,563 11 11
Bluff*	3,973 15 3	2,581 7 7	6,555 2 10
New River* .. .. .	.. .. .	13 13 0	13 13 0
Tauranga* .. .. .	.. .. .	80 0 0	80 0 0
Totals	51,985 10 11	69,494 16 10	121,480 7 9

* 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, 1914.

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.	Fees received.	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	Fees received.	Number of Seamen engaged.	£ s. d.	Number of Seamen discharged.	Fees received.	Number of Seamen.	Fees received.	Number of Seamen.	Fees received.	Number of Seamen.	Fees received.	
Auckland	2,956	218 17 6	2,951	214 18 0	3,584	244 18 6	3,675	257 16 0	294	18 11 6	290	18 4 6	6,834	482 7 6	6,916	490 18 6	13,750	973 6 0	
Dunedin and Port Chalmers	1,402	102 0 0	1,785	125 19 0	1,328	90 15 6	1,267	89 10 0	..	..	..	..	2,730	192 15 6	3,052	215 9 0	5,782	408 4 6	
Greyhound	25	1 17 6	19	1 8 6	112	7 17 6	56	3 7 0	..	..	..	..	137	9 15 0	75	4 15 6	212	14 10 6	
Hokitika	8	0 12 0	5	0 7 6	17	0 19 6	10	0 15 0	..	..	..	..	25	1 11 6	15	1 2 6	40	2 14 0	
Invercargill	90	6 15 0	42	3 3 0	18	1 5 6	14	1 1 0	..	..	..	..	108	8 0 6	56	4 4 0	164	12 4 6	
Kaipara	19	1 8 6	21	1 11 6	27	1 3 0	30	1 15 0	..	..	..	..	46	2 11 6	51	3 6 6	97	5 18 0	
Lyttelton	340	25 10 0	346	26 6 0	1,375	97 14 0	1,365	95 9 6	42	2 11 0	55	3 9 0	1,757	125 15 0	1,766	125 4 6	3,523	250 19 6	
Napier	20	1 10 0	13	0 19 6	448	27 1 6	458	27 9 6	88	4 14 6	84	4 17 6	556	33 6 0	555	33 6 6	1,111	66 12 6	
Nelson	4	0 6 0	2	0 3 0	545	30 9 0	494	29 19 0	180	11 5 0	171	10 11 6	729	42 0 0	667	40 13 6	1,396	82 13 6	
New Plymouth	..	..	1	0 1 6	24	1 4 0	20	0 18 0	..	..	..	..	24	1 4 0	21	0 19 6	45	2 3 6	
Oamaru	6	0 9 0	2	0 3 0	17	1 4 0	12	0 16 6	..	..	..	..	23	1 13 0	14	0 19 6	37	2 12 6	
Onehunga	..	..	..	..	624	39 5 6	611	38 9 6	..	..	..	..	624	39 5 6	611	38 9 6	1,235	77 15 0	
Patea	..	..	..	..	87	3 16 6	73	3 8 0	..	..	..	..	87	3 16 6	73	3 8 0	160	7 4 6	
Pictou	7	0 10 6	5	0 7 6	19	1 8 6	11	0 16 6	..	..	..	..	26	1 19 0	16	1 4 0	42	3 3 0	
Poverty Bay	37	4 5 0	31	3 6 0	210	14 16 6	88	6 4 0	..	..	..	..	247	19 1 6	111	9 10 0	358	28 11 6	
Tauranga	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Thames	..	..	..	..	7	0 10 6	7	0 10 6	..	..	..	..	7	0 10 6	7	0 10 6	14	1 1 0	
Timaru	65	4 17 6	47	3 10 6	99	7 8 0	79	5 15 6	..	..	..	..	164	12 5 6	126	9 6 0	290	21 11 6	
Wairau	..	..	..	..	29	2 3 6	40	3 0 0	..	..	..	..	29	2 3 6	40	3 0 0	69	5 3 6	
Waitara	..	..	..	..	46	2 0 6	47	2 3 6	..	..	..	..	46	2 0 6	47	2 3 6	93	4 4 0	
Wanganui	18	1 7 0	17	1 5 6	205	14 16 6	219	14 19 6	..	..	..	..	223	16 3 6	236	16 4 6	459	32 8 0	
Wellington	2,824	181 5 0	2,524	168 16 6	4,927	323 0 0	4,635	319 18 0	..	..	..	..	7,751	504 5 0	7,159	488 14 6	14,910	992 19 6	
Westport	30	2 5 0	15	1 2 6	117	8 14 0	82	6 0 0	..	..	..	..	147	10 19 0	97	7 2 6	244	18 1 6	
Whangarei	..	..	..	..	10	0 15 0	7	0 10 6	..	..	..	..	10	0 15 0	7	0 10 6	17	1 5 6	
	7,851	553 15 6	7,826	553 9 0	13,875	923 7 0	13,300	910 12 0	604	37 2 0	600	37 2 6	22,330	1,514 4 6	21,718	1,501 3 0	44,048	3,015 7 6	

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1914.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Alfred Frederick Inman	Second mate, steam	Foreign trade ..	8 May, 1913..	1194
Donald McPherson	Extra master ..	" ..	8 " " ..	1195
Ronald Douglas Hoskins	Second mate ..	" ..	28 " " ..	1196
George William Godfrey	Second mate, steam	" ..	9 June, " ..	1197
Daniel O'Hara	First mate ..	" ..	9 " " ..	1136
John William Murray	Second mate, steam	" ..	9 " " ..	1198
Edgar, Reginald Lowe	First mate ..	" ..	9 " " ..	1199
John Lowry	Master ..	" ..	9 " " ..	1102
Eric Douglas Hay	Second mate ..	" ..	20 " " ..	1200
John Arnold	Second mate, steam	" ..	20 " " ..	1201
John Richard Clark	Master, steam ..	" ..	21 July, " ..	1065
Sydney Mahood	First mate, steam..	" ..	11 Aug., " ..	1202
Cedric James Hackworth	Second mate ..	" ..	15 " " ..	1203
George Benjamin Corby	Master ..	" ..	15 " " ..	1172
Richard Thomas Crowe	" ..	" ..	23 " " ..	1082
Colin Mitchell Campbell	First mate ..	" ..	4 Sept., " ..	1149
Thomas Henry Bowling	Master, steam ..	" ..	29 " " ..	1204
Robert Jackson Fowler	Master ..	" ..	29 " " ..	1134
Duncan Cameron Macdonald	Second mate ..	" ..	29 " " ..	1205
Henry George Hatchwell	Extra master ..	" ..	13 Oct., " ..	1148
James Smith Scrivener	Master, steam ..	" ..	31 " " ..	1206
Lawrence Wellington Bell	Second mate ..	" ..	31 " " ..	1207
Alfred Cyril Parker	" ..	" ..	31 " " ..	1208
Frederick Kenneth Allen	First mate ..	" ..	12 Nov., " ..	1152
Joscelyn Ernest Seaton	Second mate ..	" ..	12 " " ..	1209
Hugh Clement Benson	First mate ..	" ..	29 Dec., " ..	1124
Gerald Sharpe	Second mate, steam	" ..	12 Jan., 1914..	1210
Arthur Vincent Barton	Second mate ..	" ..	12 " " ..	1211
Francis Wallace Collins	" ..	" ..	12 " " ..	1212
George Amos Herbert	" ..	" ..	12 " " ..	1213
Frederick James Balfour Mackay	Second mate, steam	" ..	20 " " ..	1214
Harry Archibald Daniel	Master ..	" ..	28 " " ..	1141
Thomas James Wood	First mate, steam..	" ..	28 " " ..	1215
Alexander Rathbone	First mate ..	" ..	2 Feb., " ..	1216
Leslie John Fredrick Muncey	Second mate ..	" ..	18 " " ..	1217
William Rawson	" ..	" ..	26 Mar., " ..	1218
George McKenzie Smart	First mate ..	" ..	26 " " ..	1219
Dean Gardner	Master, steam ..	" ..	26 " " ..	1220
Frank Vernon White	Second mate ..	" ..	26 " " ..	1221
James Boyd	Master ..	Home trade ..	8 May, 1913..	5748
John Maylen	Mate ..	" ..	8 " " ..	5749
Robert Everett Price	" ..	" ..	8 " " ..	5750
William Henry Gower	" ..	" ..	8 " " ..	5751
Peter Scott Isbister	" ..	" ..	9 June, " ..	5752
Moses Morris	" ..	" ..	9 " " ..	5753
Lawrence Samuel Bonner.. .. .	" ..	" ..	9 " " ..	5754
William Harms	Master ..	" ..	9 " " ..	5671
Arthur Sutherland Gibson	" ..	" ..	9 " " ..	5714
John Knox	" ..	" ..	4 July, " ..	5698
Arvid Svahn	Mate ..	" ..	21 " " ..	5755
George David Fraser	Master ..	" ..	21 " " ..	5707
Charles William Coldicutt	Mate ..	" ..	21 " " ..	5756
Charles Ludwig Kasper	Master ..	" ..	21 " " ..	5757
Axel Philip Lantz	" ..	" ..	21 " " ..	5566
William Edward Weston	Mate ..	" ..	26 " " ..	5758
Alexander Hutchinson Howie	Master ..	" ..	26 Aug., " ..	5666
Siguard Satre	" ..	" ..	26 " " ..	5700
Lachlan McDonald	" ..	" ..	3 Sept., " ..	5614
John Leafberg	Mate ..	" ..	29 " " ..	5759
James John Smith	" ..	" ..	1 Oct., " ..	5760
Robert Allan Roff	" ..	" ..	13 " " ..	5761
Mikko Himainen	Master ..	" ..	13 " " ..	5717
Edwin Hugh Fowler	Mate ..	" ..	13 " " ..	5762
Frederick Ruthven Clark	" ..	" ..	31 " " ..	5763
Gustaf Victor Olsson	" ..	" ..	31 " " ..	5764
George Arthur Nairn	Master ..	" ..	12 Nov., " ..	5664
John Vaughan Ruthe	" ..	" ..	12 " " ..	5640
James Phillip Edington	Mate ..	" ..	8 Dec., " ..	5765
Richard Hopkins	Master ..	" ..	8 " " ..	5523
Edmond James Wann	" ..	" ..	8 " " ..	5673
Robin Victor Manson	Mate ..	" ..	8 " " ..	5766
Amos Matthew George Taylor	" ..	" ..	8 " " ..	5767
John Beaton	" ..	" ..	29 " " ..	5768
Kenneth Laverton	" ..	" ..	29 " " ..	5769
George Richmond Bell	" ..	" ..	29 " " ..	5770
Michael Edmond FitzGibbon	" ..	" ..	29 " " ..	5771
John Livingstone	" ..	" ..	20 Jan., 1914..	5772
Albert Nalder	Master ..	" ..	20 " " ..	5718
Leslie Clark	" ..	" ..	3 Mar., " ..	5699
William Robertson Reid	Mate ..	" ..	20 " " ..	5773
Samson John Salamondson	Master ..	River steamer ..	14 April, 1913..	3644
Christopher Nevin	" ..	" ..	28 " " ..	3645
Frederick Gilbert Brown	" ..	" ..	8 May, " ..	3645

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1914—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
James Lyon	Master	River steamer	8 May, 1913..	3647
Robert William Martin	"	"	8 " " " ..	3648
Alexander John Whitburn	"	"	9 June, " " ..	3649
William George Cox	"	"	20 " " " ..	3650
William Carey	"	"	21 July, " " ..	3651
Richard Adam James Nixon	"	"	21 " " " ..	3652
Alfred Lorens Seastrand	"	"	21 " " " ..	3653
Mark Mikkelson	"	"	21 " " " ..	3654
James Christian	"	"	21 " " " ..	3655
Peter Witzermann Manning	"	"	15 Aug., " " ..	3656
Edward Duncan	"	"	3 Sept., " " ..	3657
Alexander McGlashan	"	"	9 " " " ..	3658
James Timothy O'Brien	"	"	29 " " " ..	3659
Theodore Montague Bregmen	"	"	29 " " " ..	3660
John Edward Tregurthen	"	"	29 " " " ..	3661
Robert Ernest Brownlee	"	"	29 " " " ..	3662
Edmund George Land	"	"	31 Oct., " " ..	3663
Andrew Emmanuel Anderson	"	"	31 " " " ..	3664
Thomas Finley Lockhart	"	"	8 Dec., " " ..	3665
Fredric Francis Eastgate	"	"	29 " " " ..	3666
Edward Binney Laing	"	Fishing boat or cargo vessel under 25 tons register	31 Oct., " " ..	62
William John Jennings	"	Ditto	8 Dec., " " ..	63
Patrick, James Dowling	"	"	29 " " " ..	64
William Charles Hugh Watt	"	"	29 " " " ..	65
William Lake	"	"	20 Mar., 1914..	66
Christopher Davis Galgey	"	Sailing vessel in harbours or rivers	3 " " " ..	4
James Stanley Miller	1st-class engineer	Foreign trade	3 " 1913..	1019
Arnold Joseph Brook	3rd-class engineer	"	3 " " " ..	1576
Frederick Hadlow Barton	"	"	3 " " " ..	1577
Hector Norman Ripley	"	"	3 " " " ..	1578
Michael John McConville	1st-class engineer	"	14 April, " " ..	810
Thomas Graham McLaren	3rd-class engineer	"	14 " " " ..	1579
George Burns Kettle	"	"	20 " " " ..	1580
Edward, Lancelot Blaikie	"	"	20 " " " ..	1581
Ben Binnie MacPherson	"	"	20 " " " ..	1582
Alexander Baxter Shanks	"	"	20 " " " ..	1583
David Kennedy Spence	"	"	20 " " " ..	1584
George Albert Ritson	2nd-class engineer	"	20 " " " ..	1078
William Bell McKenzie	1st-class engineer	"	20 " " " ..	650
George Robert Paterson	3rd-class engineer	"	9 May, " " ..	1585
John Ross	"	"	14 " " " ..	1586
Albert George Harris	"	"	14 " " " ..	1587
Frederick George Blackwood	"	"	14 " " " ..	1588
Ray Nathaniel Gow	"	"	14 " " " ..	1589
Lynley Herbert Weston	"	"	14 " " " ..	1590
James Templas Mason	"	"	14 " " " ..	1591
Noel Steadman	"	"	14 " " " ..	1592
Kenneth Pirie Crawford	"	"	14 " " " ..	1593
Fred de Launte	"	"	14 " " " ..	1594
Andrew Stewart	"	"	14 " " " ..	1595
Ivan Hugh Donahoe	"	"	14 " " " ..	1596
Spencer Shove	"	"	14 " " " ..	1597
Llewellyn Othen Jones	"	"	14 " " " ..	1598
David Charles Jack	"	"	14 " " " ..	1599
William Cameron Ferguson	2nd-class engineer	"	14 " " " ..	1458
Hector Charles Hamlin	"	"	14 " " " ..	1379
Robert Bernard Gerring	1st-class engineer	"	14 " " " ..	802
William Looney	3rd-class engineer	"	14 " " " ..	1600
Frank Andrew	"	"	14 " " " ..	1601
James Ronaldson	"	"	14 " " " ..	1602
John Buchan	"	"	14 " " " ..	1603
Arthur Beverley Michael	"	"	14 " " " ..	1604
William Lovejoy	1st-class engineer	"	14 " " " ..	1605
Francis Patrick Henderson	2nd-class engineer	"	9 June, " " ..	1242
Alexander Williamson	3rd-class engineer	"	9 " " " ..	1606
Charles William Tayton Taylor	"	"	20 " " " ..	1607
Thomas Northcott Rowe	"	"	20 " " " ..	1608
Norman Hunter Jack	"	"	20 " " " ..	1609
Frederick Charles Thompson	"	"	20 " " " ..	1610
Clifford Bishop Hayes	"	"	20 " " " ..	1611
Lawrence Galway Walker	"	"	20 " " " ..	1612
Harold Chambers	"	"	20 " " " ..	1613
James Edward Drury	"	"	20 " " " ..	1614
Alfred Leslie Newsham	"	"	20 " " " ..	1615
Harold George Isaac	2nd-class engineer	"	20 " " " ..	1237
Percy Hellyer Davey	"	"	20 " " " ..	1347
Sydney Thomas Stidolph	"	"	20 " " " ..	1346
Charles David Graham	"	"	20 " " " ..	1371
Clifford Wallace Page	3rd-class engineer	"	20 " " " ..	1616
Daniel McAlpine	2nd-class engineer	"	20 " " " ..	1088
William Donald Whyte Robertson	"	"	4 July, " " ..	1416

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1914—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Donald Kerr Young	3rd-class engineer ..	Foreign trade ..	4 July, 1913..	1617
Herman Tasman Atchison	" ..	" ..	4 " " ..	1618
Lawrence Arthur Calvert	" ..	" ..	4 " " ..	1619
Douglas Lodder Mowatt	" ..	" ..	4 " " ..	1620
Henry Newton Thomas	" ..	" ..	4 " " ..	1621
John Wallace Weir	" ..	" ..	21 " " ..	1622
William Ernest Bell	" ..	" ..	21 " " ..	1623
Percy Clifford Davis	" ..	" ..	21 " " ..	1624
Robert John Rayner Mortimer	" ..	" ..	21 " " ..	1625
Robert Watson Elliott	2nd-class engineer..	" ..	21 " " ..	675
Roy Lewis Ditcham	" ..	" ..	21 " " ..	1428
William Wilson Elder	3rd-class engineer ..	" ..	7 Aug., " ..	1626
Albert Rutherford Douglas	2nd-class engineer..	" ..	8 " " ..	1482
Graham Dalgleish Walker	3rd-class engineer ..	" ..	28 " " ..	1627
David Thomson Fraser	" ..	" ..	28 " " ..	1628
Herbert Samuel Harris	" ..	" ..	28 " " ..	1629
Hugh Macpherson Ross	" ..	" ..	28 " " ..	1630
John Johnstone	" ..	" ..	28 " " ..	1631
David William Shields Ross	2nd-class engineer..	" ..	28 " " ..	908A
William Leonard Dodd	1st-class engineer ..	" ..	28 " " ..	1107
David McMurrin	" ..	" ..	28 " " ..	1632
Frederick William Howard Moore	3rd-class engineer ..	" ..	12 Sept., " ..	1633
Colin Kennedy Carr	" ..	" ..	12 " " ..	1634
Albert Fisher Edmonds	" ..	" ..	12 " " ..	1635
Percy Payne	" ..	" ..	12 " " ..	1636
Alexander Ledingham Smith Cassie	2nd-class engineer..	" ..	12 " " ..	1438
Arthur Richmond Birrell Hendry	" ..	" ..	12 " " ..	1373
James McArthur, jun.	" ..	" ..	12 " " ..	1637
Arthur Ernest Wilkins	" ..	" ..	29 " " ..	1638
Arthur Henry McConville	3rd-class engineer ..	" ..	29 " " ..	1639
Stanley Neville Reyburn	" ..	" ..	29 " " ..	1640
Herbert Lionel Somerville	" ..	" ..	29 " " ..	1641
Sydney Victor Bolton	" ..	" ..	29 " " ..	1642
Edmund George Revington	" ..	" ..	29 " " ..	1643
Norman Frederick Fleming	" ..	" ..	29 " " ..	1644
James Harold Hancock	" ..	" ..	29 " " ..	1645
Cecil Rudolph Thorley Symes	" ..	" ..	29 " " ..	1646
George Johnson Silcock	" ..	" ..	13 Oct., " ..	1647
William David Ballard	" ..	" ..	13 " " ..	1648
William Troughear	" ..	" ..	13 " " ..	1649
Thomas Fogarty	2nd-class engineer..	" ..	13 " " ..	1171
James Reginald Armstrong Black	" ..	" ..	13 " " ..	917
Peter Morrison McLaren	3rd-class engineer ..	" ..	13 " " ..	1650
Morris Connington Brown	" ..	" ..	13 " " ..	1651
Albert Prestney	" ..	" ..	13 " " ..	1652
Arthur Challoner Nixon	" ..	" ..	13 " " ..	1653
Harry Rayner Salmon	1st-class engineer ..	" ..	13 " " ..	1152
Frederick Lars John Beu	3rd-class engineer ..	" ..	13 " " ..	1654
Peter David Dalgleish	" ..	" ..	13 " " ..	1655
Thomas Samuel Rogerson	" ..	" ..	13 " " ..	1656
Frederick Hongi Rewi Stidolph	" ..	" ..	13 " " ..	1657
James Gordon Robinson	" ..	" ..	30 " " ..	1658
George Rennie	2nd-class engineer..	" ..	30 " " ..	1339
Cecil Stuart Richardson	1st-class engineer ..	" ..	29 Nov., " ..	1227
George Watt	2nd-class engineer ..	" ..	8 Dec., " ..	1127
Ernest Jones	3rd-class engineer ..	" ..	8 " " ..	1659
Henry Daniel Cronin	" ..	" ..	8 " " ..	1660
James William Irvine	" ..	" ..	8 " " ..	1661
Herbert Stanley Harvey	" ..	" ..	8 " " ..	1662
William Clifford Boyd Douglas	2nd-class engineer..	" ..	8 " " ..	1384
Arthur Wilkinson Bagley	" ..	" ..	8 " " ..	1486
William Stewart Smart	1st-class engineer ..	" ..	8 " " ..	1663
Charles Scott	" ..	" ..	8 " " ..	1218
James Tenick Dennison	2nd-class engineer..	" ..	8 " " ..	868
Frederick James Chapman	1st-class engineer ..	" ..	8 " " ..	1664
Angus Macdonald	" ..	" ..	29 " " ..	1146
Roger Parr	" ..	" ..	29 " " ..	1002
Francis Harold Bryant	3rd-class engineer ..	" ..	29 " " ..	1665
John Davidson	" ..	" ..	29 " " ..	1666
Arthur Howden Dickson	" ..	" ..	29 " " ..	1667
William McCulloch	" ..	" ..	29 " " ..	1668
George Edlington Waite	" ..	" ..	29 " " ..	1669
Edward Ewart	" ..	" ..	29 " " ..	1670
William Edward Joseph Breaney	" ..	" ..	29 " " ..	1671
Gordon George Lunn	2nd-class engineer..	" ..	29 " " ..	1484
John Manson	" ..	" ..	29 " " ..	612
Percy Edward Barber	1st-class engineer ..	" ..	20 Jan., 1914..	978
Charles Evers Bell	" ..	" ..	20 " " ..	856
Stephen Herbert Head	" ..	" ..	20 " " ..	936
Felix Harry Thetford	3rd-class engineer ..	" ..	20 " " ..	1672
Leslie Arthur Stericker	" ..	" ..	20 " " ..	1673
Francis Adolphus Auguste Weniger	" ..	" ..	20 " " ..	1674
Charles Edward Lawless	2nd-class engineer..	" ..	28 " " ..	1230

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1914—*continued.*

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
Leo Francis Scully	3rd-class engineer ..	Foreign trade ..	16 Feb., 1914..	1675
Harry Anthony Davies	" ..	" ..	16 " " ..	1676
John Douglas	" ..	" ..	16 " " ..	1677
Herman Arthur Smith	" ..	" ..	16 " " ..	1678
Colin Hawkesworth	" ..	" ..	16 " " ..	1679
William Gordon Hollis	" ..	" ..	16 " " ..	1680
Albert Edward Webley	" ..	" ..	16 " " ..	1681
Alfred Pierard	" ..	" ..	16 " " ..	1682
William James Nixon	" ..	" ..	16 " " ..	1683
James William George Elley ..	2nd-class engineer ..	" ..	16 " " ..	1343
Alexander Gilchrist Kyle ..	" ..	" ..	16 " " ..	1338
Edmund Archibald Brown ..	3rd-class engineer ..	" ..	2 Mar., " ..	1684
Malcolm Campbell	2nd-class engineer ..	" ..	2 " " ..	1526
Roy Campbell	3rd-class engineer ..	" ..	2 " " ..	1685
John Raymond Campbell ..	" ..	" ..	2 " " ..	1686
Leslie Walter Dale	1st-class engineer ..	" ..	2 " " ..	1687
Norman Phelps Hopkins	" ..	" ..	2 " " ..	1688
Andrew Hamilton Lockie ..	3rd-class engineer ..	" ..	2 " " ..	1689
Leon Edward Meier	" ..	" ..	23 " " ..	1690
Herbert Blackmore	" ..	" ..	23 " " ..	1691
John Stanley Wells	2nd-class engineer ..	" ..	26 " " ..	1271
Roy Sortain Smith	" ..	" ..	26 " " ..	1443
Stephen Lawrence Wilson	Engineer ..	River trade ..	2 April, 1913..	2192
William Fincher Coutts	" ..	" ..	14 May, " ..	2193
Isaac Simpson	" ..	" ..	14 " " ..	2194
John William Foster	" ..	" ..	20 June, " ..	2195
Percy James Davies	" ..	" ..	20 " " ..	2196
Arthur Edward Lockwood ..	" ..	" ..	3 Sept., " ..	2197
Arthur Burrows	" ..	" ..	12 " " ..	2198
William Townsend	" ..	" ..	12 " " ..	2199
James Cusack	" ..	" ..	12 " " ..	2200
George Henry Sharp	" ..	" ..	13 Oct., " ..	2201
Angus William Cameron Macdonald	" ..	" ..	30 " " ..	2202
John Nicol	" ..	" ..	15 Nov., " ..	2203
Alexander Davidson Lawson ..	" ..	" ..	29 Dec., " ..	2204
William Henry Stewart	" ..	" ..	29 " " ..	2205
Charles James Roberts	" ..	" ..	29 " " ..	2206
Malcolm Turner	" ..	" ..	20 Jan., 1914..	2207
Samuel McBride	" ..	" ..	20 " " ..	2208
Frederick Harvey Campbell ..	" ..	" ..	20 " " ..	2209
William George Pearce	" ..	" ..	20 " " ..	2210
Archibald Lewis Ross	" ..	" ..	20 " " ..	2211
Ambrose Ashley Hoult	" ..	" ..	20 " " ..	2212
Samuel Smith	" ..	" ..	2 Feb., " ..	2213
John Bond	" ..	" ..	16 " " ..	2214
John Spratt	" ..	" ..	16 " " ..	2215
Herbert Henry Brown	" ..	" ..	16 " " ..	2216
Henry John Anthony	" ..	" ..	2 Mar., " ..	2217
John Adam Hood	" ..	" ..	26 " " ..	2218
John Picard	Marine engine-driver	" ..	4 July, 1913..	154
Richard George Ferguson Vicars	" ..	" ..	29 Dec., " ..	155
Charles White	2nd-class oil engineer	Seagoing ..	14 May, " ..	198
James Alexander Thomson ..	1st-class oil engineer	" ..	9 June, " ..	199
Gerald Edwin Sampson	" ..	" ..	9 " " ..	139
Frederick John Dobson	" ..	" ..	20 " " ..	201
Norman Hunter Jack	" ..	" ..	20 " " ..	202
Arthur John Pitcher	2nd-class oil engineer	" ..	20 " " ..	203
Hedley Muncaster France ..	1st-class oil engineer	" ..	8 Aug., " ..	204
Henry Fowler	2nd-class oil engineer	" ..	8 " " ..	205
Thomas John Wesley Mathews ..	1st-class oil engineer	" ..	28 " " ..	142
Richard Blundell	2nd-class oil engineer	" ..	12 Sept., " ..	206
Arthur Challoner Nixon	" ..	" ..	13 " " ..	207
Charles William Tayton Taylor ..	1st-class oil engineer	" ..	13 " " ..	208
John Eric Lipscombe	" ..	" ..	30 Oct., " ..	209
Roland William Lowe	" ..	" ..	8 Dec., " ..	210
William John Wells	" ..	" ..	20 Jan., 1914..	211
William Edward Plank	" ..	" ..	20 " " ..	71
Frederick Robert Clifton ..	2nd-class oil engineer	" ..	20 " " ..	212
Charlwood Henry Gosset	1st-class oil engineer	" ..	6 Feb., " ..	213
William Vernon Clare Marris ..	2nd-class oil engineer	" ..	16 " " ..	214
George Henry Hunt	1st-class oil engineer	" ..	16 " " ..	215
John Dudley Holmes	" ..	" ..	16 " " ..	216
Avon Ephorpe McAlley	2nd-class oil engineer	" ..	16 " " ..	217
Stanley David Stewart	River oil engineer ..	River trade ..	3 April, 1913..	348
Samuel Medland	" ..	" ..	28 " " ..	349
Albert Herbert FitzWilliam ..	" ..	" ..	14 May, " ..	350
Ivor Owen Parry	" ..	" ..	14 " " ..	351
Thomas Henry McEwan	" ..	" ..	14 " " ..	352
Bruce Stewart	" ..	" ..	14 " " ..	353
John Bernard Williams	" ..	" ..	14 " " ..	354
Frederick Raynor Pinney	" ..	" ..	14 " " ..	355
Norman Hunter	" ..	" ..	14 " " ..	356
George Paton	" ..	" ..	14 " " ..	357

RETURN OF MASTERS, MATES, AND ENGINEERS TO WHOM CERTIFICATES OF COMPETENCY WERE
ISSUED DURING THE YEAR ENDED 31ST MARCH, 1914—continued.

Name of Person.	Rank.	Class of Certificate.	Date of Issue.	No.
George Edward Kenneth Lippiatt ..	River oil engineer..	River trade ..	14 May, 1913..	358
John Francis O'Connor ..	" ..	" ..	14 " " ..	359
Hugh Stewart ..	" ..	" ..	14 " " ..	360
Harry Fuller ..	" ..	" ..	14 " " ..	361
Thomas Langdon ..	" ..	" ..	14 " " ..	362
Albert John Clanfield ..	" ..	" ..	14 " " ..	363
Patrick Glynn ..	" ..	" ..	14 " " ..	364
Herbert White ..	" ..	" ..	14 " " ..	365
Arthur James Wood ..	" ..	" ..	14 " " ..	366
John Joseph Guineven ..	" ..	" ..	14 " " ..	367
Henry Cable Coe ..	" ..	" ..	14 " " ..	368
Wilsey Montague Eugene Martin ..	" ..	" ..	14 " " ..	369
Martin Peterson ..	" ..	" ..	14 " " ..	370
Thomas Ware Vicary ..	" ..	" ..	14 " " ..	371
William Wilkinson ..	" ..	" ..	20 June, " ..	372
Gilbert William Nichols ..	" ..	" ..	20 " " ..	373
Arthur Benjamin Dawson ..	" ..	" ..	7 Aug., " ..	374
Edwin Arthur Leonard Grigg ..	" ..	" ..	28 " " ..	375
Alexander Armstrong McFarlane ..	" ..	" ..	12 Sept., " ..	376
William Grayson ..	" ..	" ..	12 " " ..	377
James Francis Gray ..	" ..	" ..	12 " " ..	378
Travor Millar ..	" ..	" ..	12 " " ..	379
Ivor Stanfield Bryers ..	" ..	" ..	12 " " ..	380
Stanley Edwards ..	" ..	" ..	12 " " ..	381
David Sankey Brigham ..	" ..	" ..	12 " " ..	382
Valentine Albert Ernest Rickcord ..	" ..	" ..	12 " " ..	383
Sidney William Bridge ..	" ..	" ..	12 " " ..	384
Kenneth Humphreys Begg ..	" ..	" ..	12 " " ..	385
Percy Blundell ..	" ..	" ..	12 " " ..	386
Pairama Clark ..	" ..	" ..	12 " " ..	387
James Joseph Butler ..	" ..	" ..	12 " " ..	388
Robert Gordon Barr ..	" ..	" ..	12 " " ..	389
Louis Havill ..	" ..	" ..	12 " " ..	390
William Neil McIntosh ..	" ..	" ..	12 " " ..	391
Harold Gibbon ..	" ..	" ..	12 " " ..	392
William James Nigel Houiss ..	" ..	" ..	12 " " ..	393
Edward McLeod ..	" ..	" ..	12 " " ..	394
Arthur Hunter ..	" ..	" ..	12 " " ..	395
Victor George Judd ..	" ..	" ..	12 " " ..	396
Charles Edward Le Grice ..	" ..	" ..	12 " " ..	397
Robert George Wild ..	" ..	" ..	12 " " ..	398
Ernest Beaver ..	" ..	" ..	12 " " ..	399
George Arthur Baker ..	" ..	" ..	12 " " ..	400
Charles Meadmore ..	" ..	" ..	12 " " ..	401
Robert Hilford Hayward ..	" ..	" ..	12 " " ..	402
Frank Lawrence Sutton ..	" ..	" ..	12 " " ..	403
Charles Edward Hooks ..	" ..	" ..	12 " " ..	404
Norman John Inglis ..	" ..	" ..	12 " " ..	405
George Smeaton Clark ..	" ..	" ..	12 " " ..	406
William George Dement ..	" ..	" ..	12 " " ..	407
William Richard Dense ..	" ..	" ..	13 Oct., " ..	408
Robin Howell Deck ..	" ..	" ..	13 " " ..	409
Albert Henry Rodley ..	" ..	" ..	13 " " ..	410
Frederick Albert Newton ..	" ..	" ..	30 " " ..	411
Arthur Julius Taylor ..	" ..	" ..	30 " " ..	412
Lytton Alphonse Ditely ..	" ..	" ..	4 Dec., " ..	413
James Cunningham ..	" ..	" ..	8 " " ..	414
Horace Jenkins ..	" ..	" ..	8 " " ..	415
William Henry Berg ..	" ..	" ..	8 " " ..	416
James Duff Hewett ..	" ..	" ..	8 " " ..	417
Roy Gordon Perry ..	" ..	" ..	8 " " ..	418
Maurice Petrie Shaw ..	" ..	" ..	22 " " ..	419
Ebenezer McDonald ..	" ..	" ..	29 " " ..	420
James Wright ..	" ..	" ..	20 Jan., 1914..	421
Michael McCarthy ..	" ..	" ..	20 " " ..	422
Sydney Hanson Miller ..	" ..	" ..	20 " " ..	423
Harold Dalton Campbell ..	" ..	" ..	20 " " ..	424
William Scott ..	" ..	" ..	20 " " ..	425
Leonard Cuthbert Hamilton ..	" ..	" ..	20 " " ..	426
James Norman Munro ..	" ..	" ..	3 Feb., " ..	427
Walter Edward Forbes ..	" ..	" ..	16 " " ..	428
Francis Victor Hallam ..	" ..	" ..	16 " " ..	429
Edgar Rowland Tidbury ..	" ..	" ..	2 Mar., " ..	430
William Maki ..	" ..	" ..	2 " " ..	431
David John McLean ..	" ..	" ..	9 " " ..	432
Peter Peterson ..	" ..	" ..	23 " " ..	433
Reginald Frank Gibbons ..	" ..	" ..	26 " " ..	434

RETURN SHOWING THE NUMBER OF MASTERS', MATES', AND ENGINEERS' EXAMINATIONS IN NEW ZEALAND DURING THE YEAR ENDED THE 31ST MARCH, 1914, 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	16	15	31	10	11	21	10	16	26	3	1	4	..	..	..	39	43	82
Home-trade masters and mates	21	20	41	15	4	19	4	..	4	1	..	1	..	..	..	41	24	65
River-steamer masters ..	14	1	15	1	2	3	..	..	..	1	1	2	8	..	8	24	4	28
Master, fishing-boat or cargo-vessel under 25 tons register	3	..	3	1	..	1	..	..	..	1	..	1	..	..	..	5	..	5
Master, sailing-vessel plying in harbours and rivers	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	..	1
Seagoing engineers (steam)	49	11	60	35	10	45	20	8	28	36	4	40	20	4	24	160	37	197
River-steamer engineers ..	12	4	16	3	..	3	1	1	2	3	..	3	8	6	14	27	11	38
Marine engine-drivers ..	..	..	..	..	..	..	..	..	..	..	..	..	2	..	2	2	..	2
Seagoing engineers (mechanical power other than steam)	8	2	10	5	1	6	1	..	1	1	1	2	7	1	8	22	5	27
River engineers (mechanical power other than steam)	42	1	43	2	..	2	3	..	3	5	..	5	35	7	42	87	8	95
Totals ..	165	54	219	72	28	100	39	25	64	51	7	58	81	18	99	408	132	540

RETURN OF CERTIFICATES OF EXEMPTION FROM EXAMINATION AS THIRD-CLASS ENGINEERS ISSUED DURING THE YEAR ENDED 31ST MARCH, 1914.

Date of Issue.	Name.	Date of Issue.	Name.
21 April, 1913 ..	William Edward Joseph Greaney.	12 Nov., 1913 ..	Percy George Bamford.
" " ..	Olive Alfred Fraser.	6 Dec., " ..	Thomas Dalrymple Smith.
" " ..	Robert Norman Biggs.	24 Feb., 1914 ..	John Dudley Holmes.
27 June, " ..	Rhys Williams.		

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, 1914.

No. of License.	Date of Issue.	Name of Licensee.	Port of Residence.	Date of Expiry of License.
43	8 Oct., 1913	Felix Black	Wellington ..	8 Oct., 1914.
45	9 April, "	John Grant	Onehunga ..	4 April, "
46	29 Aug., "	John Robertson	Auckland ..	29 Aug., "
47	30 Oct., "	Richard Edward Smith ..	..	30 Oct., "
48	18 Dec., "	Thomas Fernandez	Gisborne ..	18 Dec., "
49	19 Jan., 1914	William Andrew Smith ..	Wellington ..	19 Jan., 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 Heddleston 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.

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, 1912; of those added to and deducted from the Register during the Year 1913; and of those remaining on the Register on the 31st December, 1913.

	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, 1912	242	36,558	34,308	373	208,887	121,772	615	245,445	156,080
Added to the Register,—									
Vessels registered for the first time—									
Built at ports in United Kingdom ..	..	..	..	3	5,748	2,572	3	5,748	2,572
Built at ports in British possessions abroad	2	190	103	12	568	300	14	758	403
Vessels transferred from ports in the United Kingdom	..	..	..	3	5,111	3,081	3	5,111	3,081
Vessels transferred from ports in British possessions abroad	..	..	..	1	584	227	1	584	227
Vessels registered <i>de novo</i>	..	..	..	5	129	75	5	129	75
Tonnage added in consequence of re-measurement or alteration	..	9	13	..	6	4	..	15	17
Total added	2	199	116	24	12,146	6,259	26	12,345	6,375
Deducted from the Register,—									
Vessels wrecked or otherwise lost ..	1	13	13	2	111	31	3	124	44
Vessels broken up, decayed, &c. ..	7	1,516	1,505	..	..	..	7	1,516	1,505
Vessels converted into hulks, &c. ..	3	986	928	..	..	..	3	986	928
Vessels transferred to ports in British possessions	2	226	185	2	681	253	4	907	438
Vessels registered <i>de novo</i>	3	62	52	2	54	37	5	116	89
Other vessels	3	23	23	..	..	..	3	23	23
Tonnage deducted in consequence of re-measurement or alteration	..	..	99	..	1	19	..	1	118
Total deducted	19	2,826	2,805	6	847	340	25	3,673	3,145
Upon the Register on the 31st December, 1913	225	33,931	31,619	391	220,186	127,691	616	254,117	159,310

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, 1913.

Ports.	Sailing Vessels.			Steam Vessels.		
	Vessels.	Gross Tonnage.	Net Tonnage.	Vessels.	Gross Tonnage.	Net Tonnage.
Auckland	143	11,121	9,757	178	21,816	11,551
Napier	5	325	312	27	3,418	1,934
Wellington	13	2,115	1,935	45	12,536	6,263
Nelson	8	208	187	13	2,702	1,261
Lyttelton	15	3,957	3,847	17	5,282	2,343
Timaru	1	733	690	1	942	488
Dunedin	38	15,100	14,547	99	172,316	103,299
Invercargill	2	372	344	11	1,174	552
Totals	225	33,931	31,619	391	220,186	127,691

TABLE showing, for the Year 1913, the Number and Tonnage of Registered Vessels (exclusive of River Steamers) of the Dominion of New Zealand which were employed wholly in the Home Trade, partly in the Home and partly in the Foreign Trade, and wholly in the Foreign Trade, respectively; and the Number of Men and Boys (exclusive of Masters) employed thereon.

Class of Vessels.	Under 50 Tons.		50 Tons and under 100.		100 Tons and under 200.		200 Tons and under 300.		300 Tons and under 400.		400 Tons and under 500.		500 Tons and under 600.		600 Tons and under 700.		700 Tons and under 800.		800 Tons and under 1,000.		1,000 Tons and under 1,200.		1,200 Tons and under 1,500.		1,500 Tons and under 2,000.		2,000 Tons and under 3,000.		3,000 Tons and over.		Totals.									
	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.	Tons.	Vessels.							
In the Home (Coastal) Trade only—																																								
Sailing ..	721	660	118	362	755	123	5	669	26	1	217	..	..	..	..	690	1	..	..	1	836	..	1	1,190	4	..	..	..	..	..	..	..	..	..						
Steam ..	106	2,471	418	634	638	455	34	4,847	458	9	2,261	168	4	1,485	4	663	23	53,648	139	21,752	49	1,028	50	34,083	220	23,370	127	12,137	77	..	..	..	..	..						
Totals	178	4,131	536	997	393	578	39	5,516	484	10	2,478	168	4	1,485	67	21,353	24	53,648	139	32,568	49	2,218	54	34,083	220	23,370	127	12,137	77	..	..	..	..	..						
Partly in the Home and partly in the Foreign Trade—																																								
Sailing ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Steam ..	1	44	9	1	59	7	1	197	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Totals	1	44	9	1	59	7	2	368	27	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
In the Foreign Trade only—																																								
Sailing ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Steam ..	2	59	12	2	172	16	2	293	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Totals	2	59	12	3	225	20	6	922	59	3	771	26	1	309	1	695	11	785	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..						
Grand Totals..	181	4,234	557	1037	677	605	476	806	570	13	3,249	194	62	1,118	89	115,022	256	31,539	35	74,677	89	85,877	186	8,177	211	6	7,021	155	13	168,668	573	101,733	504	12,307	20,906	5,201	52,557	433	1,403	565,487

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

* 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.

RETURN OF STEAMERS AND OIL-ENGINE VESSELS TO WHICH CERTIFICATES OF SURVEY WERE ISSUED IN
NEW ZEALAND DURING THE YEAR ENDED 31ST MARCH, 1914.

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 ..	31	17	..	Compound ..	" ..	"	..	..	..	..	
Ailoma ..	4	15	..	Oil-engine ..	" ..	"	..	..	..	..	
Aio ..	4½	20	..	" ..	" ..	"	..	..	..	..	
Akaroa ..	29	28	82	Compound ..	" ..	Home trade ..	1	2	..	..	
Albatross ..	4	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Albatross (A'kland)	111	37½	..	Compound ..	" ..	"	..	..	..	..	
Albatross (H'kianga)	2	4	..	Oil-engine ..	" ..	"	..	..	..	..	
Alert (Paeroa) ..	†20	6	..	Compound ..	" ..	"	..	..	..	..	
Alert (Wanganui)	5	15	..	Oil-engine ..	" ..	"	..	..	..	..	
Alexander ..	185	72	328	Compound ..	Twin-screw	Home trade ..	4	3	..	..	
Alexandra ..	5	15	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Alice (Hokianga) ..	2	5	..	" ..	" ..	"	..	..	..	..	
Alice (Te Kopuru)	5	12	..	" ..	" ..	"	..	..	..	..	
All Black ..	4	17	..	" ..	" ..	"	..	..	..	..	
All Black, No. 1 ..	5	18	..	" ..	" ..	"	..	..	..	..	
All Black, No. 2 ..	4	24	..	" ..	" ..	"	..	..	..	..	
Alma ..	5	10	..	" ..	" ..	"	..	..	..	..	
Anna ..	19	10	..	" ..	" ..	Home trade ..	1	..	..	..	Fishing.
Aorere ..	49	16	69	Compound ..	" ..	"	2	1	..	..	
*Aotea ..	157	33	..	" ..	" ..	Restricted limits	..	..	..	..	
Apanui ..	135	28	216	Triple-expansion	" ..	Home trade ..	4	2	..	..	
Aparima ..	3,684	284	2,722	" ..	Twin-screw	Foreign trade	13	9	3	3	
Arahura ..	772	145	1,729	" ..	" ..	Home trade ..	7	6	3	3	
Arapawa ..	128	47	241	" ..	Screw ..	"	4	2	..	..	
Arawa (Port Under-wood)	5	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Arawa (Rotorua) ..	2	5	..	" ..	" ..	"	..	..	..	..	
Ark ..	3	5	..	" ..	" ..	"	..	..	..	..	
Aroha ..	4	8	..	" ..	" ..	"	..	..	..	..	
Arrino ..	2	5	..	" ..	" ..	"	..	..	..	..	
Arumai ..	6	10	..	" ..	" ..	"	..	..	..	..	
Atalanta ..	6	25	..	" ..	" ..	"	..	..	..	..	
*Atlas ..	2	10	..	" ..	" ..	"	..	..	..	..	
Atua ..	2	5	..	" ..	" ..	"	..	..	..	..	
Aupouri ..	220	55	395	Triple-expansion	Twin-screw	Home trade ..	5	3	..	..	
Aurere ..	3	8	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Awahou ..	151	74	328	Compound ..	Twin-screw	Home trade ..	4	3	..	..	
Awaroa ..	211	62	478	Triple-expansion	Screw ..	"	5	3	..	..	
Baden Powell ..	72	30	201	Compound ..	" ..	Restricted limits	..	..	..	..	
*Balder ..	3	6	..	Oil-engine ..	" ..	"	..	..	..	..	
Beldame ..	4	20	..	Oil-engine ..	" ..	"	..	..	..	..	
Bell Bird ..	52	15	..	Triple-expansion	" ..	"	..	..	..	..	
Benares ..	2	5	..	Oil-engine ..	" ..	"	..	..	..	..	
Ben Lomond ..	33	15	..	Compound ..	" ..	"	..	..	..	..	
Blenheim ..	85	50	227	" ..	" ..	Home trade ..	2	2	..	..	
Blue Bird ..	1	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Branch ..	3	9	..	" ..	" ..	"	..	..	..	..	
Breeze ..	286	84	443	Triple-expansion	" ..	Home trade ..	4	3	..	..	
Breta Tui ..	36	40	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Brit (Auckland) ..	5	12	..	" ..	" ..	"	..	..	..	..	
Brit (Whangarei) ..	6	16	..	" ..	Twin-screw	"	..	..	..	..	
Britannia (Bluff) ..	10	2½	..	" ..	Screw ..	Home trade ..	1	..	..	..	Fishing.
Britannia (A'kland)	108	40	..	Non-condensing	Paddle ..	Restricted limits	..	..	..	..	
Bruce ..	1	5	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Campbell ..	6	20	..	" ..	" ..	"	..	..	..	..	
Canopus ..	835	250	1,121	Triple-expansion	" ..	Home trade ..	6	3	2	3	
Canterbury ..	521	120	..	Compound ..	Twin-screw	Restricted limits	..	..	..	..	Dredge.
Canterbury ..	..	24	..	Non-condensing	" ..	"	..	..	..	..	
Centaur ..	6	32	..	Oil-engine ..	" ..	"	..	..	..	..	
Chance ..	3	5	..	" ..	Screw ..	"	..	..	..	..	
Chelmsford ..	79	24	73	Compound ..	" ..	Home trade ..	2	1	..	..	
Clansman ..	379	99	566	" ..	" ..	"	5	3	..	..	
Claymore ..	119	54	375	Triple-expansion	" ..	"	4	3	..	..	
Clematis ..	3	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Clio ..	6	6	..	" ..	" ..	"	..	..	..	..	
*Clutha ..	96	24	..	Compound ..	Stern-paddle	"	..	..	..	..	
*Clyde ..	..	40	..	" ..	" ..	"	..	..	..	..	
Cobar (Wellington)	58	40	..	" ..	Screw ..	"	..	..	..	..	
Cobar (Tryphena)	4	12	..	Oil-engine ..	" ..	"	..	..	..	..	
Comet ..	6	5	..	" ..	" ..	"	..	..	..	..	
Condor ..	188	24	..	Compound ..	Screw (at each end)	"	..	..	..	..	

* 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 Num- ber of following Classes of Crew Law requires to be carried.				Remarks
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Coo-ee ..	3	8	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Coquette ..	3	10	..	" ..	" ..	" ..	..	..	..	..	
Corinna ..	812	141	1,045	Compound ..	" ..	Home trade ..	6	3	2	3	
Countess (Hokitika)	24	20	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Countess (W'gton)	57	28	178	Compound ..	" ..	Home trade ..	2	2	..	..	Fishing.
*Cygnet (Lyttelton)	66	43	188	" ..	" ..	" ..	..	..	..	..	
Cygnet (Te Kopuru)	3	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Dairymaid ..	2	6	..	" ..	" ..	" ..	..	..	..	..	
Daphne (Auckland)	100	55	254	Compound ..	" ..	Home trade ..	4	2	..	..	
Daphne (Hokianga)	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Daphne (Picton)	1	5	..	" ..	" ..	" ..	..	..	..	..	
Dawn (Waitara)	14	36	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Dawn (Mangonui)	3	8	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Defender (Lytt'ton)	109	36	116	Compound ..	" ..	Home trade ..	4	2	..	..	
Defender (Thames)	4	18	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Despatch ..	24	20	..	Compound ..	" ..	Home trade ..	1	1	..	..	
Doak ..	3	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Dolly Varden	17	26	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Doris (Napier)	4	20	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Doris (Picton)	2	4	..	" ..	" ..	" ..	..	..	..	..	
Doris (Russell)	3	12	..	" ..	" ..	" ..	..	..	..	..	
Dot ..	1	5	..	" ..	" ..	" ..	..	..	..	..	
Dove ..	2	4	..	" ..	" ..	" ..	..	..	..	..	
Dovey ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Dreadnought ..	6	16	..	" ..	" ..	" ..	..	..	..	..	
*Dredge 121 ..	394	100	..	Compound ..	Twin-screw	" ..	..	..	..	..	Dredge.
Dredge 222 ..	502	140	883	" ..	" ..	Home trade ..	5	3	2	3	"
Dredge 350 ..	488	117	660	Triple-expansion	" ..	" ..	5	3	..	..	"
Dredge 404 ..	211	78	463	Compound ..	" ..	" ..	4	3	..	..	"
Duchess (W'gton)	95	81	..	Triple-expansion	Screw ..	Restricted limits	..	..	..	..	
Duchess (Hokitika)	1	2	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Eagle ..	138	70	..	Compound ..	Paddle ..	" ..	..	..	..	..	
Earnslaw ..	155	80	1,000	Triple-expansion	Twin-screw	" ..	..	..	..	..	
Echo ..	98	60	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Eclipse ..	2	8	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Eileen Ward	472	123	..	Triple-expansion	Twin-screw	" ..	..	..	..	..	Dredge.
Elsie (Auckland)	21	30	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Elsie (French Pass)	8	5	..	" ..	Screw ..	" ..	..	..	..	..	
Elsie (Picton)	22	11	..	Compound ..	" ..	" ..	..	..	..	..	
Elsie Evans ..	6	20	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Elsie Mary ..	85	60	..	" ..	" ..	Home trade ..	2	..	..	..	
Emily ..	5	25	..	" ..	" ..	Restricted limits	..	..	..	..	
Empress ..	6	18	..	" ..	" ..	" ..	..	..	..	..	
Endeavour ..	54	30	..	" ..	" ..	Home trade ..	2	..	..	..	
Endora ..	2	5	..	" ..	" ..	Restricted limits	..	..	..	..	
Energy ..	17	16	48	Compound ..	" ..	Home trade ..	1	1	..	..	Fishing.
*Erin ..	..	34	..	Non-condensing	" ..	Restricted limits	..	..	..	..	
*Erlin ..	4	4	..	Compound ..	" ..	" ..	..	..	..	..	
Erskine ..	90	35	..	" ..	" ..	" ..	..	..	..	..	
Eureka (Hokianga)	3	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
*Eureka (Te Kopuru)	2	8	..	" ..	" ..	" ..	..	..	..	..	
Eva ..	5	20	..	" ..	" ..	" ..	..	..	..	..	
*Eveline ..	..	8	..	Non-condensing	" ..	" ..	..	..	..	..	
*Excelsior (Auckland)	29	24	..	Oil-engine ..	Twin-screw	Home trade ..	1	..	..	..	
Excelsior (Tuakau)	5	64	..	Non-condensing	Screw ..	Restricted limits	..	..	..	..	
Express ..	36	25	92	Compound ..	" ..	Home trade ..	2	1	..	..	Fishing.
Fairburn ..	60	60	..	Oil-engine ..	Twin-screw	" ..	2	..	..	..	
Fairy (Hokianga)	2	7	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Fairy (Napier)	32	11	..	Compound ..	" ..	" ..	..	..	..	..	
Fanny ..	55	30	143	" ..	" ..	Home trade ..	2	2	..	..	
Ferro ..	6	20	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Ferry ..	2	4	..	" ..	" ..	" ..	..	..	..	..	
Fiona ..	2	4	..	" ..	" ..	" ..	..	..	..	..	
Firefloat ..	..	134	..	Non-condensing	" ..	" ..	..	..	..	..	
Flora (Akaroa)	2	4	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Flora (Dunedin)	838	180	1,140	Compound ..	" ..	Home trade ..	6	3	2	3	
Flossie ..	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Foam ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Freestrader ..	94	50	..	Non-condensing	Stern-paddle	" ..	..	..	..	..	
Gael ..	55	20	91	Compound ..	Screw ..	Home trade ..	2	1	..	..	
Gannet ..	10	12	..	" ..	" ..	Restricted limits	..	..	..	..	
Gipsy ..	3	4	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Gisborne ..	38	12	..	" ..	" ..	Home trade ..	2	..	..	..	
Gladstone ..	3	5	..	" ..	" ..	Restricted limits	..	..	..	..	
Glenelg ..	156	75	255	Compound ..	" ..	Home trade ..	4	3	..	..	
Glenlee ..	5	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	

* 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.	
Goldfinch ..	5	10	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
Gordon ..	10	8	..	" ..	" ..	"	..	..	..	..	
Gosford ..	23	30	..	" ..	" ..	"	..	..	..	..	
Goshawk ..	122	28	..	" ..	" ..	"	..	..	..	..	
Greyhound ..	83	60	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Haeremai ..	6	18	..	" ..	" ..	Restricted limits	..	..	..	..	
Hananui II ..	44	58	248	Triple-expansion	" ..	Foreign trade	2	2	..	..	
*Hapai ..	364	155	..	" ..	Twin-screw	Restricted limits	..	..	..	..	
Harriet ..	3	8	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Hauti ..	82	32	269	Compound ..	" ..	Home trade ..	2	2	..	..	
Hauptiri ..	452	88	463	" ..	" ..	"	6	3	..	..	
Hauraki ..	9	3½	..	" ..	" ..	Restricted limits	..	..	..	..	
*Hawera ..	92	31	193	" ..	" ..	Home trade ..	2	2	..	..	
Haylock ..	1	4	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Heathcote ..	94	35	..	Compound ..	" ..	"	..	..	..	..	
*Heather ..	6	17	..	Oil-engine ..	" ..	"	..	..	..	..	
Hilary ..	5	5	..	" ..	" ..	"	..	..	..	..	
Himitangi ..	149	45	255	Triple-expansion	" ..	Foreign trade	4	3	..	..	
Hina ..	39	20	76	Compound ..	" ..	Home trade ..	2	1	..	..	
Hinemoa (Hokianga)	1	2	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Hinemoa (Rotorua)	4	10	..	" ..	" ..	"	..	..	..	..	
Hinemoa (Tryphena)	2	5	..	" ..	" ..	"	..	..	..	..	
Hinewai ..	5	16	..	" ..	" ..	"	..	..	..	..	
Hipi ..	13	11	..	Triple-expansion	Twin-screw	"	..	..	..	..	
Hirere ..	18	16	..	Compound ..	" ..	"	..	..	..	..	
Hobsonville ..	23	15	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Holliday ..	4	15	..	" ..	" ..	"	..	..	..	..	
Holmdale ..	197	27	119	Compound ..	" ..	Home trade ..	4	2	..	..	
Houmoana ..	4	16	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Houto ..	78	45	..	" ..	" ..	Home trade ..	2	..	..	..	
Huanui ..	59	45	..	" ..	" ..	Foreign trade	2	..	..	..	
Huia (Auckland)	199	78½	..	" ..	" ..	Home trade ..	4	..	..	..	
Huia (Lake Rotomabana)	2	4	..	" ..	" ..	Restricted limits	..	..	..	..	
Huia (Wellington)	69	25	121	Compound ..	" ..	Home trade ..	2	2	..	..	
Huia (Wellington)	..	2	..	Condensing ..	" ..	Restricted limits	..	..	..	..	
Huia (Wilson's Bay)	1	5	..	Oil-engine ..	" ..	"	..	..	..	..	
Hulk Launch (Auckland)	2	5½	..	" ..	" ..	"	..	..	..	..	
Ida ..	4	16	..	" ..	" ..	"	..	..	..	..	
Ikarere ..	6	40	..	" ..	" ..	"	..	..	..	..	
Inga ..	570	110	415	" ..	" ..	Foreign trade	5	3	..	..	
Invercargill ..	123	41	237	Compound ..	" ..	Home trade ..	4	2	..	..	
Irene (Hokianga) ..	4	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Irene (Kaiaoi) ..	3	8	..	" ..	" ..	"	..	..	..	..	
Iriti ..	4	15	..	" ..	" ..	"	..	..	..	..	
Iris (Mercury Bay)	3	6	..	" ..	" ..	"	..	..	..	..	
Iris (Waikato) ..	3	5	..	" ..	" ..	"	..	..	..	..	
Iris (Thames) ..	3	12	..	" ..	" ..	"	..	..	..	..	
Isa (Picton) ..	3	5	..	" ..	" ..	"	..	..	..	..	
Isa (Whangarei) ..	4	7½	..	" ..	" ..	"	..	..	..	..	
Isabel ..	5	5	..	" ..	" ..	"	..	..	..	..	
Isabella de Fraine	76	60	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Jane ..	22	35	..	" ..	Screw ..	"	1	..	..	..	
Janie Seddon ..	43	43	..	Compound ..	Twin-screw	Restricted limits	..	..	..	..	
J.D.O. ..	88	28	..	" ..	Screw ..	"	..	..	..	..	
Jean ..	4	12	..	Oil-engine ..	" ..	"	..	..	..	..	
Jersey Lily ..	4	12	..	" ..	" ..	"	..	..	..	..	
John ..	111	40	186	Compound ..	" ..	Home trade ..	..	..	..	..	
John Anderson ..	36	20	..	" ..	" ..	Restricted limits	..	..	..	..	
John Kennedy ..	4	12	..	Oil-engine ..	" ..	"	..	..	..	..	
*John Townley ..	85	39	..	Compound ..	Twin-screw	"	..	..	..	..	
Kaeo ..	146	60	..	Oil-engine ..	" ..	Home trade ..	4	..	..	..	
Kahu (Auckland) ..	25	40	..	" ..	" ..	"	1	..	..	..	
Kahu (Napier) ..	99	40	242	Compound ..	Screw ..	"	2	2	..	..	
Kaiaia ..	24	28	..	Oil-engine ..	Twin-screw	"	1	..	..	..	
*Kaiaoi ..	1,246	201	1,008	Triple-expansion	Screw ..	Foreign trade	7	3	2	3	
Kaipara ..	..	4	..	Compound ..	" ..	Restricted limits	..	..	..	..	
Kaipatiki ..	20	9½	..	Triple-expansion	" ..	"	..	..	..	..	
Kairaki ..	182	92	492	" ..	Twin-screw	Home trade ..	4	3	..	..	
Kaitangata ..	1,219	200	1,044	" ..	Screw ..	Foreign trade	7	3	2	3	
Kaitoa ..	118	65	276	Compound ..	Twin-screw	Home trade ..	4	3	..	..	
Kaituna ..	1,246	200	952	Triple-expansion	Screw ..	Foreign trade	7	3	2	3	
Kamo ..	725	159	731	" ..	" ..	"	6	3	..	..	First survey.
Kamona ..	904	117	748	" ..	" ..	"	6	3	..	..	

* 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.	Crewers.	
Kanieri (Auckland)	115	20	140	Compound ..	Screw ..	Home trade ..	4	2	..	..	
Kanieri (Hokitika)	2	3 $\frac{1}{2}$	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kapiti ..	114	35	206	Compound ..	" ..	Home trade ..	4	2	..	..	
Kapuni ..	96	30	189	" ..	" ..	" ..	2	2	..	..	
Karaka ..	10	22	..	Triple-expansion	" ..	Restricted limits	..	..	..	..	
Karamu ..	452	102	733	" ..	" ..	Foreign trade	5	3	..	..	
Karewa ..	4	1 $\frac{1}{2}$	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
*Karori ..	1,194	147	924	Triple-expansion	" ..	Foreign trade	7	3	2	3	
*Karoro ..	52	17	..	Compound ..	" ..	Restricted limits	..	..	..	..	
Kate ..	..	5	..	Non-condensing	" ..	" ..	..	..	..	..	
Kauri ..	1,830	304	1,135	Triple-expansion	" ..	Foreign trade	8	3	2	3	
Kawa ..	3	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kawau (Auckland)	37	15	..	Compound ..	" ..	" ..	..	..	..	..	
Kawau ..	53	20	82	" ..	" ..	Home trade ..	2	1	..	..	
Kelvin ..	2	7	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kennedy ..	131	38	131	Compound ..	Twin-screw	Home trade ..	4	2	..	..	
Kestrel ..	159	43	..	" ..	Screw (at each end)	Restricted limits	..	..	..	..	
Kaitere ..	6	6	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Kina ..	5	10	..	" ..	" ..	" ..	..	..	..	..	
Kini ..	702	130	636	Triple-expansion	" ..	Home trade ..	6	3	..	..	
Kinohaku ..	6	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kiritona ..	75	150	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Kittawa ..	708	120	708	Triple-expansion	Screw ..	" ..	6	3	..	..	
Kiwi ..	..	3	..	Non-condensing	" ..	Restricted limits	..	..	..	..	
Koi ..	54	32	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Kokiri (Russell)	4	10	..	Oil-engine ..	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	..	..	..	..	
Koputai ..	5	120	469	Compound ..	" ..	Home trade ..	..	..	..	..	Tug.
Korari ..	4	8	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Korol ..	3	7	..	" ..	" ..	" ..	..	..	..	..	
Kotare ..	79	20	146	Compound ..	" ..	Home trade ..	2	2	..	..	
Kotiti ..	42	14	75	" ..	" ..	" ..	2	1	..	..	
Kotuku ..	4 $\frac{1}{2}$	24	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Koutu ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Koutunui ..	98	26	149	Compound ..	Twin-screw	Home trade ..	2	2	..	..	
Kowhai ..	404	128	580	Triple-expansion	Screw ..	" ..	5	3	..	..	
Kumi ..	5	28	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Kurow ..	1,564	333	1,735	Triple-expansion	" ..	Foreign trade	8	6	3	3	
Kyra ..	2	7	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Lady Eva ..	30	120	..	" ..	" ..	Home trade ..	2	..	..	..	
Lady Roberts ..	37	48	..	Compound ..	Twin-screw	Restricted limits	..	..	..	..	
La Mascotte ..	4	10	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
La Reine ..	6	20	..	" ..	" ..	" ..	..	..	..	..	
Larola (Picton) ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Larola (Wanganui)	3	14	..	" ..	" ..	" ..	..	..	..	..	
Laurel ..	3	10	..	" ..	" ..	" ..	..	..	..	..	
Lena ..	12	8	..	" ..	" ..	" ..	..	..	..	..	
Lillian ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Lily ..	1	10	..	" ..	" ..	" ..	..	..	..	..	
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	..	..	Fishing.
Lupe ..	3	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Lyttelton (Auckl'd)	24	108	269	Compound ..	Paddle ..	Home trade ..	1	2	..	..	
Lyttelton (Lyttel'n)	1	133	..	" ..	Twin-screw	Restricted limits	..	..	..	..	
Madge (Devonport)	6	15	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Madge (Thames)	2	8	..	" ..	" ..	" ..	..	..	..	..	
Magic ..	58	60	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Maheno ..	24	40	..	" ..	" ..	Restricted limits	..	..	..	..	
Mahinapua ..	2	4	..	" ..	Screw ..	" ..	..	..	..	..	
Mahino ..	6	5	..	" ..	" ..	" ..	..	..	..	..	
Mahua ..	353	28	..	Compound ..	Twin-screw	" ..	..	..	..	..	Floating crane.
Mahurangi ..	95	80	..	" ..	Screw ..	" ..	..	..	..	..	
Mabuta ..	13	11	..	" ..	" ..	" ..	..	..	..	..	
Maidi ..	12	11	..	" ..	" ..	" ..	..	..	..	..	
Maitai ..	1,888	490	3,364	Triple-expansion	" ..	Foreign trade	9	9	6	3	
Majestic (H'kianga)	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Majestic (Mercer)	3	7	..	" ..	" ..	" ..	..	..	..	..	
Makere ..	3	4	..	" ..	" ..	" ..	..	..	..	..	
Mako ..	4	12	..	" ..	" ..	" ..	..	..	..	..	
Mana (Westport) ..	51	90	..	Compound ..	Paddle ..	" ..	..	..	..	..	

* yed 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.	
Mana (Riverton) ..	2	4	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Mana (Wellington) ..	77	25	149	Compound ..	" ..	Home trade ..	2	2	..	..	
Mana (French P'ss) ..	3	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Mania ..	630	104	1,195	Triple-expansion	Twin-screw	Home trade ..	7	3	2	3	
Mangapapa ..	87	28	131	Compound ..	Screw ..	" ..	2	2	..	..	
Manuka (Dunedin) ..	2,813	357	4,013	Triple-expansion	Twin-screw	Foreign trade	11	12	6	3	
Manuka (Lyttelton) ..	..	23	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
Manurere ..	..	3½	..	Quadruple-expansion	" ..	" ..	..	..	..	..	
Manuwai ..	94	30	..	Non-condensing	Stern-wheel	" ..	..	..	..	..	
Maori (Dunedin) ..	1,433	5,600	5,859	Turbines ..	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	1,152	Triple-expansion	" ..	Home trade ..	7	3	2	3	
Mapu II ..	8	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Maramarua ..	2	9	..	" ..	" ..	" ..	..	..	..	..	
Mararoa (Rotorua) ..	2	6	..	" ..	" ..	" ..	..	..	..	..	
Mararoa (Dunedin) ..	1,381	530	3,154	Triple-expansion	" ..	Home trade ..	8	9	6	3	
Mareno ..	4	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Marokopa ..	4	7	..	" ..	" ..	" ..	..	..	..	..	
Maroro ..	5	8	..	" ..	" ..	" ..	..	..	..	..	
Marsden ..	6	8	..	" ..	" ..	" ..	..	..	..	..	
Mascotte (Auckl'd) ..	..	5	..	Non-condensing	" ..	" ..	..	..	..	..	
Mascotte (Rotorua) ..	1	4	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Mascotte (Wang'ui) ..	†20	12	..	Non-condensing	" ..	" ..	..	..	..	..	
Matareka ..	4	25	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Matarere ..	..	2	..	Compound ..	" ..	" ..	..	..	..	..	
Matariki (L'ttel'n) ..	4	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Matariki (Tuakau) ..	3	6	..	" ..	" ..	" ..	..	..	..	..	
Matea ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Matuku ..	..	4	..	Non-condensing	" ..	" ..	..	..	..	..	
Maui (Gisborne) ..	251	80	547	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	Dredge.
Maui (Onehunga) ..	5	10	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Mavis ..	3	10	..	" ..	" ..	" ..	..	..	..	..	
Mavis B. ..	7	3	..	Quadruple-expansion	" ..	" ..	..	..	..	..	
Mawhera ..	292	168	..	Triple-expansion	Twin-screw	" ..	..	..	..	..	Dredge.
May ..	1	4	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
May Howard ..	55	45	..	" ..	" ..	Home trade ..	2	..	..	..	
M.O. ..	3	6	..	" ..	" ..	Restricted limits	..	..	..	..	
Melinda ..	1½	5	..	" ..	" ..	" ..	..	..	..	..	
Melville ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Mere Mere ..	..	3	..	Non-condensing	" ..	" ..	..	..	..	..	
Merlin (Auckland) ..	4	4	..	Compound ..	" ..	" ..	..	..	..	..	
Merlin (Picton) ..	3	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Mermaid (Fr. Pass) ..	4	7	..	" ..	" ..	" ..	..	..	..	..	
Mermaid (Onehunga) ..	4	7	..	" ..	" ..	" ..	..	..	..	..	
Merry Duchess ..	4	14	..	" ..	" ..	" ..	..	..	..	..	
Meteor ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Mikado ..	6	12	..	" ..	" ..	" ..	..	..	..	..	
Minoru ..	2½	10	..	" ..	" ..	" ..	..	..	..	..	
Miro ..	3	4	..	" ..	" ..	" ..	..	..	..	..	
Mirree ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Moa (Taieri) ..	†5	4	..	" ..	" ..	" ..	..	..	..	..	
Moa (Wellington) ..	95	33	145	Compound ..	" ..	Home trade ..	2	2	..	..	
* Moana (Moana) ..	6	7	..	Non-condensing	" ..	Restricted limits	..	..	..	..	
Moana (Picton) ..	4	8	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Moana (Tryphena) ..	2	4½	..	" ..	" ..	" ..	..	..	..	..	
Moata ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Moeraki ..	2,715	357	3,957	Triple-expansion	Twin-screw	Foreign trade	11	9	6	3	
Moerangi (Auckl'd) ..	5	16	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Moerangi (Dunedin) ..	16	27½	..	" ..	" ..	" ..	..	..	..	..	
Mokoia ..	2,154	255	2,690	Triple-expansion	" ..	Foreign trade	10	9	3	3	
Mona ..	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Monica II ..	29	20	..	Compound ..	" ..	" ..	..	..	..	..	
Monowai ..	2,137	290	2,731	Triple-expansion	" ..	Home trade ..	10	9	3	3	
Mororo ..	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Moturata ..	13	25	..	" ..	" ..	" ..	..	..	..	..	
Moturoa ..	10	10	..	Compound ..	" ..	" ..	..	..	..	..	
Mountaineer ..	66	50	..	" ..	Paddle ..	" ..	..	..	..	..	
Moura ..	1,247	275	1,865	Triple-expansion	Twin-screw	Foreign trade	8	6	3	3	
Muriel ..	3	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Muritai ..	5	14	..	" ..	" ..	" ..	..	..	..	..	
* Murihiku ..	369	70	524	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	Dredge.
Myrtle ..	1	4	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	

* 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.		
Namu	2	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	Trawler.	
Nancy	1	5	..	" ..	" ..	" ..	..	..	..	..		
Napier	48	30	86	Compound ..	" ..	Home-trade ..	2	1	..	..		
Natone	50	24	..	" ..	" ..	Restricted limits	..	..	..	..		
Naumai (Kaipara)	29	12	..	" ..	" ..	" ..	..	..	..	..		
Naumai (Kawhia)	5	9	..	Oil-engine ..	" ..	" ..	..	..	..	..	First survey.	
Nautilus (Hoki- anga)	3	7	..	" ..	" ..	" ..	..	..	..	..		
Nautilus (One- hunga)	6	6	..	" ..	" ..	" ..	..	..	..	..		
Navua	1,813	220	1,949	Triple-expansion	Twin-screw	Foreign trade	9	6	3	3		
Nellie Mason ..	14	15	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..		
New Zealand ..	4½	1½	..	Non-condensing	" ..	" ..	..	..	..	..	First survey.	
*Ngahere	556	118	742	Triple-expansion	" ..	Home trade ..	5	3	..	..		
Ngakuta	944	248	881	" ..	" ..	Foreign trade	6	3	2	3		
Ngapuhi	299	160	675	" ..	Twin-screw	Home trade ..	5	3	..	..		
Ngarita	4	18	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..		
Ngaru	3	6	..	" ..	" ..	" ..	..	..	..	..	First survey.	
Ngatiawa	220	55	484	Triple-expansion	Twin-screw	Home trade ..	5	3	..	..		
Ngatoro	584	118	711	" ..	Screw ..	" ..	5	3	..	..		
Ngoiro	139	52	..	" ..	Screw (at each end)	Restricted limits	..	..	..	..		
Niok	6	25	..	Oil-engine ..	Screw ..	" ..	..	..	..	..		
Nicola	4	20	..	" ..	" ..	" ..	..	..	..	..	First survey.	
Nikau	98	55	254	Compound ..	Twin-screw	Home trade ..	..	..	..	..		
Nimrod (Auckland)	4	32	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..		
Nimrod (Whanga- rei)	3	12	..	" ..	" ..	" ..	..	..	..	..		
Nina	3	2½	..	Compound ..	" ..	" ..	..	..	..	..		
Nita	3	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	First survey.	
Nopera	3	5	..	" ..	" ..	" ..	..	..	..	..		
Norma	5	10	..	" ..	" ..	" ..	..	..	..	..		
Norval	50	20	..	" ..	" ..	" ..	..	..	..	..		
Nydia	1	4	..	" ..	" ..	" ..	..	..	..	..		
Ohinemuri	73	30	142	Compound ..	" ..	Home trade ..	2	1	..	..	First survey.	
Ohura	34	25	..	Condensing ..	Twin-screw	Restricted limits	..	..	..	..		
O.K.	4	14	..	Oil-engine ..	Screw ..	" ..	..	..	..	..		
Oleo	5	20	..	" ..	" ..	" ..	..	..	..	..		
Oline	2	10	..	" ..	" ..	" ..	..	..	..	..		
*Olive (Te Kopuru)	6	32	..	" ..	" ..	" ..	..	..	..	..	First survey.	
Olive (Te Kopuru)	2	10	..	" ..	" ..	" ..	..	..	..	..		
Olivine	5	13	..	" ..	" ..	" ..	..	..	..	..		
Omana	49	14	..	Triple-expansion	" ..	" ..	..	..	..	..		
Onawa	31	15½	..	Compound ..	" ..	" ..	..	..	..	..		
Ongarue	9	45	..	Oil-engine ..	" ..	" ..	..	..	..	..	First survey.	
Onoke	1	4	..	" ..	" ..	" ..	..	..	..	..		
Oparau	5	5	..	" ..	" ..	" ..	..	..	..	..		
Opawa	64	18	82	Compound ..	" ..	Home trade ..	2	1	..	..		
*Opouri	218	86	602	Triple-expansion	" ..	Foreign trade	4	3	..	..		
*Opoutia	..	5	..	Non-condensing	" ..	Restricted limits	..	..	..	..	First survey.	
Orakei	3	10	..	Oil-engine ..	" ..	" ..	..	..	..	..		
Orete	92	60	..	" ..	" ..	Home trade ..	2	..	..	..		
Orewa	37	17	89	Compound ..	" ..	" ..	2	1	..	..		
Osprey	138	70	..	" ..	Paddle ..	Restricted limits	..	..	..	..		
Otara	3	12	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	First survey.	
Paeroa	45	25	76	Compound ..	" ..	Home trade ..	2	1	..	..		
Pakeha	6	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..		
Palatine	4	4	..	" ..	" ..	" ..	..	..	..	..		
Pandora	5	14	..	" ..	" ..	" ..	..	..	..	..		
Panirau	3	20	..	" ..	Twin-screw	" ..	..	..	..	..	First survey.	
Paranui	2	10	..	" ..	Screw ..	" ..	..	..	..	..		
Pararua	4	8	..	" ..	" ..	" ..	..	..	..	..		
Parera	6	4	..	Non-condensing	" ..	" ..	..	..	..	..		
Paritutu	233	90	648	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..		
Pateona	550	250	1,973	Compound ..	Screw ..	" ..	6	6	3	3	Dredge.	
Patiti	..	15	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..		
Pearl (Piston)	2	5	..	" ..	" ..	" ..	..	..	..	..		
Pearl (Kaipara)	9	7	..	Non-condensing	" ..	" ..	..	..	..	..		
Peerless	4	26	..	Oil-engine ..	" ..	" ..	..	..	..	..		
Pelican	1	57	297	Triple-expansion	Twin-screw	Home trade ..	1	3	..	..	First survey.	
Pelorus (Auckland)	3	12	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..		
Pelorus (Havelock)	18	40	..	" ..	" ..	" ..	..	..	..	..		
Petone	388	82	496	Triple-expansion	" ..	Home trade ..	4	3	..	..		
Petrel	6	15	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..		
Phantom	18	11	..	Compound ..	" ..	" ..	..	..	..	..	Fishing.	
Phyllis (Hokitika)	1	3	..	Oil-engine ..	" ..	" ..	..	..	..	..		
Phyllis (Russell)	4	12	..	" ..	" ..	" ..	..	..	..	..		
Phyllis (Te Kopuru)	5	2	..	Compound ..	" ..	" ..	..	..	..	..		

* 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 re- quires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Pihinga ..	24	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	Tug.
Pilot (Wellington) ..	27	15	..	Triple-expansion ..	" ..	"	..	..	..	..	
Pilot (Dunedin) ..	5	12	..	Oil-engine ..	" ..	"	..	..	..	..	
Pilot (Lyttelton) ..	..	13	..	Compound ..	" ..	"	..	..	..	..	
Pioneer (Auckland) ..	1	4	..	Oil-engine ..	" ..	"	..	..	..	..	
Pioneer (Westport) ..	5	14	..	" ..	" ..	"	..	..	..	..	
Pitoitoti (Auckland) ..	28	20	..	Compound ..	" ..	"	..	..	..	..	
Pitoitoti (Waitara) ..	19	15	150	" ..	" ..	Home trade ..	1	1	..	..	
Planet ..	4	3½	..	" ..	" ..	Restricted limits	..	..	..	..	
Plucky ..	29	40	288	" ..	" ..	"	..	..	..	..	
Pohorua ..	749	128	698	Triple-expansion ..	" ..	Home trade ..	6	3	..	..	
Pono ..	30	52	..	Oil-engine ..	Twin-screw ..	"	2	..	..	..	
Portare ..	6	17½	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Presto ..	..	3	..	Compound ..	" ..	"	..	..	..	..	
Progress ..	112	45	162	" ..	" ..	Home trade ..	4	2	..	..	
Pukaki ..	917	110	647	Quadruple-expansion ..	" ..	Foreign trade	6	3	..	..	
Pukeore ..	4	7	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	Tug.
Pupuke ..	68	50	..	Compound ..	Twin-screw ..	"	..	..	..	..	
Purau ..	33	30	..	" ..	" ..	"	..	..	..	..	
Putiki ..	157	60	317	" ..	Screw ..	Home trade ..	4	3	..	..	
Queen ..	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Queen of Beauty ..	4	16	..	" ..	" ..	"	..	..	..	..	
Queen of the South ..	121	40	180	Compound ..	" ..	Home trade ..	4	2	..	..	
Rakanoa ..	1,393	200	945	Triple-expansion ..	" ..	Foreign trade	7	3	2	3	
Rakiura (Bluff) ..	13	10	..	Oil-engine ..	" ..	Home trade ..	1	..	..	..	
Rakiura (Dunedin) ..	81	25	108	Compound ..	" ..	"	2	2	..	..	
Ralaco ..	2	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Rangariri ..	2	6	..	" ..	" ..	"	..	..	..	..	
Rangi (Pelorus S'd) ..	5	8	..	" ..	" ..	"	..	..	..	..	
Rangi (Tuakau) ..	2	4½	..	" ..	" ..	"	..	..	..	..	
Rangimahora ..	2	10	..	" ..	" ..	"	..	..	..	..	
Rangiora ..	3	7	..	" ..	" ..	"	..	..	..	..	
Rarawa ..	460	140	1,099	Triple-expansion ..	Twin-screw ..	Home trade ..	6	3	2	3	Pleasure yacht.
Ratanui ..	2	3	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Rauparaha ..	2	5	..	" ..	" ..	"	..	..	..	..	
Rawhiti (Auckland) ..	5	5	..	" ..	" ..	"	..	..	..	..	
Rawhiti (Stew'rt Is.) ..	3	5	..	" ..	" ..	"	..	..	..	..	
Redwing ..	5	12	..	" ..	" ..	"	..	..	..	..	
Regal ..	14	10	..	" ..	" ..	"	..	..	..	..	
Regal II ..	3	20	..	" ..	" ..	"	..	..	..	..	
Regulus ..	227	150	695	Compound ..	Twin-screw ..	Home trade ..	4	3	..	..	
Rehutai ..	12	10	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Reikura ..	5	10	..	Oil-engine ..	" ..	"	..	..	..	..	
Reliance (Oneh'nga) ..	4½	12	..	" ..	" ..	"	..	..	..	..	
Reliance (Raglan) ..	2½	4	..	" ..	" ..	"	..	..	..	..	
Rene ..	4	10	..	" ..	" ..	"	..	..	..	..	
Reremoana ..	14	50	..	" ..	" ..	"	..	..	..	..	Fishing.
Result ..	19	10	..	Compound ..	" ..	"	..	..	..	..	
Rewa ..	6	24	..	Oil-engine ..	" ..	"	..	..	..	..	
Rhodesian ..	4	7	..	" ..	" ..	"	..	..	..	..	
Rimu ..	144	95	536	Triple-expansion ..	Twin-screw ..	Home trade ..	4	3	..	..	
Ripple (Hokianga) ..	2	6	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Ripple (Napier) ..	187	80	247	Triple-expansion ..	" ..	Home trade ..	4	2	..	..	
Ripple (Onehunga) ..	8	5	..	Oil-engines ..	" ..	Restricted limits	..	..	..	..	
Rita ..	5	11	..	Compound ..	" ..	"	..	..	..	..	
Riwaka ..	19	10½	..	" ..	" ..	"	..	..	..	..	
Roamer ..	4½	8½	..	Oil-engine ..	" ..	"	..	..	..	..	
Roko ..	3	12	..	" ..	" ..	"	..	..	..	..	
Rona ..	4	12	..	" ..	" ..	"	..	..	..	..	
Ronaki (Auckland) ..	4½	6	..	" ..	" ..	"	..	..	..	..	
Ronaki (Huntly) ..	4	8	..	" ..	" ..	"	..	..	..	..	
Rosamond ..	462	90	448	Compound ..	" ..	Home trade ..	5	3	..	..	Fishing.
Rose (Ngunguru) ..	1½	4	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Rose (Whangarei) ..	4	10	..	" ..	" ..	"	..	..	..	..	
Rotoiti ..	6	30	..	" ..	" ..	"	..	..	..	..	
Rotokohu ..	11	8	..	Compound ..	" ..	"	..	..	..	..	
Rotomahana ..	139	45	238	" ..	" ..	Home trade ..	4	2	..	..	
Rotongaro ..	4	14	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
*Rowena ..	..	8	..	Compound ..	" ..	"	..	..	..	..	
Ruahine ..	5	12	..	Oil-engine ..	" ..	"	..	..	..	..	
Rubi Seddon ..	349	80	..	Triple-expansion ..	Twin-screw ..	"	..	..	..	..	
Ruru (Auckland) ..	11	10	..	Compound ..	Screw ..	"	..	..	..	..	
Ruru (Napier) ..	57	50	190	" ..	" ..	Home trade ..	2	2	..	..	
St. George ..	2	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Sarah ..	1	4½	..	" ..	" ..	"	..	..	..	..	
Savaii ..	31	16	..	Condensing ..	" ..	"	..	..	..	..	

* 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.	Crewsore.	
Scout ..	4	20	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Sea Gull ..	11	28	..	" ..	Twin-screw ..	Foreign trade	1	..	..	..	
Sea Horse ..	2	4½	..	" ..	Screw ..	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 (Wanga- nui) ..	60	120	..	" ..	Twin-screw ..	Home trade ..	2	..	..	..	
Sir William Wallace	30	20	..	Compound ..	" ..	Restricted limits	..	..	..	..	Fishing.
Sonoma (Hokianga)	4	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
*Sonoma (Kaipara)	..	13	..	Non-condensing	" ..	" ..	..	..	..	..	
Southern Cross ..	403	117	357	Triple-expansion	" ..	Foreign trade	6	3	..	..	
Southern Isle ..	59	28	..	Oil-engine ..	" ..	Home trade ..	2	..	..	..	
Sparrow ..	..	1½	..	Triple-expansion	Screw ..	Restricted limits	..	..	..	..	
Sparrowhawk ..	98	32	..	Compound ..	Screw (at each end)	" ..	..	..	..	..	
Special ..	5	16	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Speedy ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Spray ..	2	8	..	" ..	" ..	" ..	..	..	..	..	
Squall ..	145	60	271	Compound ..	" ..	Home trade ..	4	3	..	..	
Standard ..	9	10	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Stanley ..	2	7½	..	" ..	" ..	" ..	..	..	..	..	
Stella (Hokianga)	2	4	..	" ..	" ..	" ..	..	..	..	..	
Stella (Mahau) ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Stella (Whangarei)	3	8	..	" ..	" ..	" ..	..	..	..	..	
Sterling (Auckland)	4	28	..	" ..	" ..	" ..	..	..	..	..	
Sterling (Hokianga)	3	12	..	" ..	" ..	" ..	..	..	..	..	
Storm ..	186	70	286	Compound ..	" ..	Home trade ..	4	3	..	..	
Stormbird ..	129	40	203	" ..	" ..	" ..	4	2	..	..	
Stranger ..	4	12	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Stromboli ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Sumner ..	94	35	..	Compound ..	" ..	" ..	..	..	..	..	
Swan (Mokau) ..	5	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Swan (Napier) ..	16	10	..	Compound ..	" ..	" ..	..	..	..	..	Fishing.
Sybil ..	1½	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Sylph (Hokianga)	1	4	..	" ..	" ..	" ..	..	..	..	..	
Sylph (Kaipara) ..	5	8	..	Non-condensing	" ..	" ..	..	..	..	..	
Sylvia ..	4	9	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tahawai ..	9	14	..	" ..	" ..	" ..	..	..	..	..	
Tahuna ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Taihoa ..	2	4	..	" ..	" ..	" ..	..	..	..	..	
Tainui (Waitara)	60	24	151	Compound ..	" ..	Home trade ..	2	2	..	..	
Tainui (Gt. Barrier)	2	6	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Tai Nui ..	5	30	..	" ..	" ..	" ..	..	..	..	..	
Taipa ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Takapuna ..	472	165	1,118	Compound ..	" ..	Home trade ..	6	6	3	3	
Takitimo ..	2	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
*Talune ..	1,370	255	1,694	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 (Auck- land) ..	191	40	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Taniwha (Timaru)	16	16	..	Non-condensing	Screw ..	" ..	..	..	..	..	
Tapapa ..	3	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tarakihi ..	..	4	..	Non-condensing	" ..	" ..	..	..	..	..	
Tarawera ..	1,269	250	1,450	Compound ..	" ..	Home trade ..	8	6	3	3	
Tarewai ..	11	11	..	Condensing ..	" ..	Restricted limits	..	..	..	..	
Tasman ..	97	38	198	Compound ..	Twin-screw	Home trade ..	2	2	..	..	
Taviuni ..	974	135	967	Quadruple-expan- sion	Screw ..	Foreign trade	6	3	2	3	
Tawera (Auckland)	..	8	..	Non-condensing	" ..	Restricted limits	..	..	..	..	
Tawera (Auckland)	44	40	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tawera (Taupo) ..	2	7½	..	" ..	" ..	" ..	..	..	..	..	
Tawera (Lake Te Anau) ..	..	25	..	Compound ..	" ..	" ..	..	..	..	..	
Te Aroha ..	57	85	..	Oil-engine ..	Twin-screw	Home trade ..	2	..	..	..	
Te Awhina ..	1½	99	589	Triple-expansion	" ..	" ..	1	3	..	..	Tug.
Te Kooti ..	2	5	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Te Kura ..	2	7	..	" ..	" ..	" ..	..	..	..	..	
Te Maika ..	5	10	..	" ..	" ..	" ..	..	..	..	..	
Te Pioneer ..	25	13	..	Compound ..	" ..	" ..	..	..	..	..	

* 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 re- quires to be carried.				Remarks
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Te Pua ..	3	10	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	Tug.
Terawhiti ..	47	99	846	Triple-expansion	" ..	Home trade ..	2	3	..	..	
Te Rino ..	4	7	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Te Wake ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Te Whaka ..	141	45	..	Compound ..	" ..	" ..	..	..	..	..	Tug.
Te Wharu ..	3	7½	..	Oil-engine ..	" ..	" ..	..	..	..	..	
The Little Jack ..	..	1½	..	Non-condensing	" ..	" ..	..	..	..	..	
Thelma (Queenst'n)	3	5	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Thelma (Te Kopuru)	1	4	..	" ..	" ..	" ..	..	..	..	..	
The Minerva ..	20	14	..	Compound ..	Twin-screw	" ..	..	..	..	..	
The Peregrine ..	162	52	..	Triple-expansion	Screw ..	" ..	..	..	..	..	
The Pines ..	1	2	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Theresa Ward ..	9	95	463	Triple-expansion	" ..	Home trade ..	1	3	..	..	
Thistle (Kaiapoi) ..	4	5	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Thistle (Moana) ..	1	4	..	" ..	" ..	" ..	..	..	..	..	
Thistle (Wanganui)	77	90	..	" ..	Twin-screw	Home trade ..	2	..	..	..	
Thomas King ..	70	16	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
*Thor ..	6	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	Tug.
Thornycroft ..	1½	5	..	" ..	" ..	" ..	..	..	..	..	
Tiri ..	6	20	..	" ..	" ..	" ..	..	..	..	..	
*Togo ..	†20	14	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Toiler ..	28	13½	..	" ..	Screw ..	" ..	..	..	..	..	
Tongariro ..	4	8	..	" ..	" ..	" ..	..	..	..	..	
Tongonge ..	4	8	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Traveller ..	..	7½	..	Compound ..	" ..	" ..	..	..	..	..	
Tuabine ..	20	14	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tuatea (Gisborne)	58	28	228	Compound ..	" ..	Home trade ..	2	2	..	..	
Tuatea (Raglan) ..	5	8	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Tu Atu ..	30	60	..	" ..	Twin-screw	" ..	..	..	..	..	
Tui (Auckland) ..	20	6½	..	Compound ..	Screw ..	" ..	..	..	..	..	
Tui (Mercer) ..	2	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Tui (Rawene) ..	3	5	..	" ..	" ..	" ..	..	..	..	..	
Tui (Taupo) ..	2	4½	..	" ..	" ..	" ..	..	..	..	..	
Tuirangi ..	72	22½	..	Triple-expansion	" ..	" ..	..	..	..	..	
Tukua ..	11	4½	..	Oil-engine ..	" ..	" ..	..	..	..	..	
*Tuna ..	..	3½	..	Compound ..	" ..	" ..	..	..	..	..	
Tunaki ..	2	16	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Turanga ..	19	25	..	" ..	" ..	" ..	..	..	..	..	
Tutanekai ..	2	8	..	" ..	" ..	" ..	..	..	..	..	
Twigg ..	3	8	..	" ..	" ..	" ..	..	..	..	..	
Uira ..	4	3½	..	Non-condensing	" ..	" ..	..	..	..	..	
Undine ..	5	10	..	Oil-engine ..	" ..	" ..	..	..	..	..	
Uta ..	23	50	..	" ..	" ..	" ..	..	..	..	..	
Ventura ..	3	7	..	" ..	" ..	" ..	..	..	..	..	
Vesper (Auckland)	20	32	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
*Vesper (Te Kopuru)	3	16	..	" ..	Screw ..	Restricted limits	..	..	..	..	
Victory (Auckland)	17	30	..	" ..	Twin-screw	Home trade ..	1	..	..	..	
Victory (Mercer) ..	2	9	..	" ..	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	..	..	..	..	
Waiapu ..	57	35	..	" ..	" ..	Home trade ..	2	..	..	..	
Waihou ..	6	40	..	" ..	" ..	Restricted limits	..	..	..	..	
Waihoa ..	4	12	..	" ..	" ..	" ..	..	..	..	..	
Waihora ..	2,993	410	1,879	Triple-expansion	" ..	Foreign trade	10	6	3	3	
Wai-iti ..	5	47	..	Oil-engine ..	" ..	Restricted limits	..	..	..	..	
Waikana ..	66	200	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Waikare (Hokianga)	1	4	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Waikare (Rangirin)	2½	5	..	" ..	" ..	" ..	..	..	..	..	
Waikato ..	6	9	..	" ..	" ..	" ..	..	..	..	..	
Waikuku ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Waima ..	6	20	..	" ..	" ..	" ..	..	..	..	..	
Waimarie (Auck- land)	159	48	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Waimarie (Wanga- nui)	53	20	..	Non-condensing	Paddle ..	" ..	..	..	..	..	
Waimaea ..	207	100	627	Triple-expansion	Twin-screw	Home trade ..	4	3	..	..	
Wainui (Akaroa) ..	5	10	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Wainui (Picton) ..	2	5	..	" ..	" ..	" ..	..	..	..	..	
Waioma ..	5	20	..	" ..	" ..	" ..	..	..	..	..	
Waiomo ..	4	10	..	" ..	" ..	" ..	..	..	..	..	
Waiome ..	48	80	..	Compound ..	Twin-screw	" ..	..	..	..	..	
Wai-ora ..	3	15	..	Oil-engine ..	Screw ..	" ..	..	..	..	..	
Waiora ..	†20	75	..	" ..	" ..	" ..	..	..	..	..	
Waiotahi ..	167	56	350	Compound ..	Twin-screw	Home trade ..	4	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 Num- ber of follow- ing Classes of Crew Law re- quires to be carried.				Remarks.
							Able Seamen.	Firemen.	Trimmers.	Greasers.	
Waipapakauri ..	5	9	..	Oil-engine ..	Screw ..	Restricted limits	..	..	..	..	
Waipuna ..	2½	7	..	..	..	..	..	..	..	..	
Wairau ..	59	20	140	Compound ..	..	Home trade ..	2	2	..	..	
Waireka (Wanganui)	5	45	..	Oil-engine ..	..	Restricted limits	..	..	..	..	
Waireka (Dunedin)	72	49	..	Triple-expansion	Twin-screw	"	..	..	..	..	
Waireka (Russell)	3	5	..	Oil-engine ..	Screw ..	"	..	..	..	..	
Wairere ..	41	25	..	Non-condensing	Paddle ..	"	..	..	..	..	
Wairoa (Auckland)	49	40	95	Compound ..	Screw ..	Home trade ..	2	2	..	..	
Wairoa (Nelson) ..	48	16½	86	"	"	"	2	1	..	..	
Wairoa (Queens-town)	5	10	..	Oil-engine ..	..	Restricted limits	..	..	..	..	
Wairoa (Riverton)	6	4	..	"	"	"	..	..	..	..	
* Wairua (Auckland)	175	44	..	Triple-expansion	Twin-screw	"	..	..	..	..	First survey.
Wairua (Wanganui)	†20	5	..	Compound ..	Screw ..	"	..	..	..	..	
* Waitangi (Auckl'd)	21	66	293	"	Twin-screw	Home trade ..	1	3	..	..	
Waitangi (Dunedin)	32	60	..	"	Screw ..	"	1	1	..	..	Trawler.
Waitaria ..	2	5	..	Oil-engine ..	..	Restricted limits	..	..	..	..	
Waitata ..	2	4	..	"	"	"	..	..	..	..	
Waitemata ..	18	150	..	"	Twin-screw	"	..	..	..	..	
Waitohi ..	18	10	..	Compound ..	Screw ..	"	..	..	..	..	
Waitomo ..	2,719	372	1,607	Triple-expansion	"	Home trade ..	11	6	3	3	
Waituna ..	3	5	..	Oil-engine ..	..	Restricted limits	..	..	..	..	
Waiuku ..	49	200	..	"	Twin-screw	"	..	..	..	..	
Waiwera (Auckl'd)	..	6	..	Compound ..	Screw ..	"	..	..	..	..	
Waiwera (Henley)	..	16	..	Oil-engine ..	..	"	..	..	..	..	
* Wakaiti ..	15	39	..	"	Twin-screw	Home trade ..	1	..	..	..	
Wakapai ..	†20	10	..	Compound ..	Screw ..	Restricted limits	..	..	..	..	
Wakatere ..	157	140	..	"	Paddle ..	"	..	..	..	..	
Wakatu ..	95	30	139	"	Screw ..	Home trade ..	2	2	..	..	
Wanaka ..	1,572	280	1,040	Triple-expansion	"	Foreign trade	8	3	2	3	
Waro ..	34	50	..	Oil-engine ..	..	Home trade ..	2	..	..	..	
Warrimoo ..	2,076	490	3,273	Triple-expansion	"	Foreign trade	10	9	6	3	
Waterlily ..	29	20	..	Oil-engine ..	..	Home trade ..	1	..	..	..	
Waverley ..	93	25	128	Compound ..	Twin-screw	"	2	2	..	..	
Weka ..	53	20	79	"	Screw ..	"	2	1	..	..	
* Westland ..	8	86	504	"	Paddle ..	"	1	3	..	..	Tug.
Wetere ..	41	22	..	"	Screw ..	Restricted limits	..	..	..	..	
Whakapara ..	6	2½	..	"	"	"	..	..	..	..	
Whakarire ..	449	120	546	Compound ..	Twin-screw	Home trade ..	5	3	..	..	Dredge.
Whangape ..	1,900	280	1,243	Triple-expansion	Screw ..	Foreign trade	8	3	2	3	
Whanui ..	2	5	..	Oil-engine ..	"	Restricted limits	..	..	..	..	
Whati ..	..	6½	..	Compound ..	"	"	..	..	..	..	
Whisper ..	3	1	..	"	"	"	..	..	..	..	
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	152	"	"	"	1	2	..	..	
Zealandic ..	1	4½	..	Oil-engine ..	"	Restricted limits	..	..	..	..	
Zephyr ..	4	7	..	"	"	"	..	..	..	..	
Zoe ..	1½	4½	..	"	"	"	..	..	..	..	
Zomar ..	4	12	..	"	"	"	..	..	..	..	

* Surveyed twice.

† About.

RETURN of SAILING-SHIPS TO WHICH SURVEY CERTIFICATES WERE GRANTED DURING THE YEAR
ENDED 31ST MARCH, 1914.

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	..	..	
Albatross	45	Home trade ..	2	..	..	
Alert	98	" ..	2	1	..	
Alma	56	" ..	2	..	..	
Altair	57	Restricted limits	2	..	..	
Amelia Sims	98	Home trade ..	2	1	..	
Annie Hill	121	" ..	4	..	1	
Aratapu	122	" ..	4	..	1	
Argus	36	" ..	2	..	..	
Arrah-na-Pogue	100	Foreign trade ..	4	..	1	
Awanui	85	Home trade ..	2	1	..	
Bee	24	" ..	1	..	..	
Bravo	99	" ..	2	1	..	
Briton	19	Restricted limits	1	..	..	
Cead Mile Failte	63	Home trade ..	2	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	..	..	
Edith	19	Restricted limits	1	..	..	
Edna	22	Home trade ..	1	..	..	
Eliza Firth	143	" ..	4	..	1	
Eame	20	" ..	1	..	..	
Ethel Wells	19	Restricted limits	1	..	..	
Eunice	171	Home trade ..	4	..	1	
Falcon	98	" ..	2	1	..	
Gannet	25	" ..	1	..	..	
Gem	20	" ..	1	..	..	
Glenae	11	Restricted limits	1	..	..	
Herald	73	Home trade ..	2	1	..	
*Hero	56	" ..	2	..	..	
Huia	20	" ..	1	..	..	
Huon Bell	43	Restricted limits	2	..	..	
Ida	25	" ..	1	..	..	
Inez Dean	12	" ..	1	..	..	
Irene	30	" ..	2	..	..	
Jane Gifford	20	Home trade ..	1	..	..	
Janet	22	Restricted limits	1	..	..	
Jessie Craig	634	Foreign trade ..	8	1	2	
Joseph Craig	694	" ..	8	1	2	
Kapua	18	Home trade ..	1	..	..	
*Katie S.	20	Restricted limits	1	..	..	
Kereru	106	Foreign trade ..	4	..	1	
Kiatere	11	Restricted limits	1	..	..	
Kiatia	20	" ..	1	..	..	
Kitty Fraser	25	" ..	1	..	..	
Korora	160	Home trade ..	4	..	1	
Lady of the Lake	19	Restricted limits	1	..	..	
*Lena Gladys	24	" ..	1	..	..	
Lily (Lyttelton)	84	Home trade ..	2	1	..	
Lily (Nelson)	16	" ..	1	..	..	
Lizette	25	Restricted limits	1	..	..	
Lizzie Taylor	77	Home trade ..	2	1	..	
Louisa Craig	683	Foreign trade ..	8	1	2	
Maggie	20	Restricted limits	1	..	..	
Maid of Italy	15	" ..	1	..	..	
Marjorie Craig	499	Foreign trade ..	7	1	1	
*May	44	Restricted limits	2	..	..	
Moa (Auckland)	99	Home trade ..	2	1	..	
*Moa (Napier)	66	Restricted limits	2	1	..	Lighter.
Moehau	23	" ..	1	..	..	
Moonah	83	Home trade ..	2	1	..	
Morning Light	92	" ..	2	1	..	
Ngaru	66	" ..	2	1	..	
Nor'west	18	" ..	1	..	..	
Oban	24	" ..	1	..	..	
Old Jack	14	Restricted limits	1	..	..	
Onerahi	25	Home trade ..	1	..	..	
Orakei	32	" ..	2	..	..	
Pahiki	20	Restricted limits	1	..	..	

* Surveyed twice.

RETURN OF SAILING-SHIPS TO WHICH SURVEY CERTIFICATES WERE GRANTED DURING THE YEAR
ENDED 31ST MARCH, 1914—*continued*.

Name of Vessel.	Tons Register.	Class of Certificate.	Minimum Number of Seamen required by Law to be carried.			Remarks.
			Able Seamen.	Ordinary Seamen.	Boys.	
Pearl Kasper	25	Home trade ..	1	..	..	
*Range	64	" ..	2	1	..	
Rangi	86	" ..	2	1	..	
Resul	23	" ..	1	..	..	
Rimu	49	Restricted limits	2	..	..	
Rona	618	Foreign trade ..	8	1	2	
Rosalie	17	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	24	" ..	1	..	..	
Talisman	84	" ..	2	1	..	
Tally Ho	51	Home trade ..	2	..	..	
Tararawa	44	Restricted limits	2	..	..	
Tay	†15	" ..	1	..	..	
The Lee	19	" ..	1	..	..	
The Portland	59	" ..	2	..	..	
Thistle	23	Home trade ..	1	..	..	
Thora	358	Foreign trade ..	6	1	1	
*Three Cheers	97	Home trade ..	2	1	..	
Transit	19	" ..	1	..	..	
Trusty	59	Restricted limits	2	..	..	
Venture	19	Home trade ..	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	..	1	

* Surveyed twice. † Under.

RETURN SHOWING NUMBER OF FISHING-BOATS REGISTERED AND LICENSED AT EACH PORT DURING
THE YEAR ENDED 31ST DECEMBER, 1913.

Port.	Number registered.	Number licensed.	Port.	Number registered.	Number licensed.
Auckland	341	341	Brought forward	1,085	984
Blenheim	10	4	New Plymouth	18	18
Bluff	86	86	Oamaru	33	31
Dunedin and Port Chalmers	88	88	Pictou	36	36
Greymouth	12	9	Poverty Bay	22	15
Hokianga	18	18	Russell	55	55
Invercargill	34	34	Tauranga	20	20
Kaipara	86	43	Thames	99	41
Lyttelton	268	221	Timaru	23	23
Mangonui	13	13	Wanganui	7	7
Napier	57	57	Wellington	51	51
Nelson	72	70	Westport	16	16
Carried forward	1,085	984	Totals	1,465	1,297

**LIST OF BOYS WHO HAVE SERVED ON TRAINING-SHIP "AMOKURA" DURING YEAR ENDED
31ST MARCH, 1914.**

Name.	Date of Joining	Date of Discharge.	Occupation taken up on Discharge.
Hood, J. L.	29/6/11	24/5/13	Joined s.s. "Rakiura" as O.S.
Westrupp, A. W. ..	9/7/11	4/6/13	" " "Mangapapa" as O.S.
Bray, H. L.	7/7/11	5/7/13	" " "Holmdale" as O.S.
McKenzie, A. M. B. ..	9/7/11	4/6/13	" " "Awaroa" as O.S.
Asher, I.	11/7/11	31/5/13	" " "Mararoa" as O.S.
Dowell, A. J.	11/7/11	24/5/13	" " "Stormbird" as O.S.
Watt, J. W.	11/7/11	6/6/13	" schooner "Lizzie Taylor" as O.S.
Uridge, R. W.	11/7/11	30/5/13	" s.s. "Pateena" as O.S.
Gordon, W. J.	12/7/11	12/6/13	" " "Niwaru" as O.S.
Hastie, J. D.	14/7/11	7/6/13	" " "Ngahere" as O.S.
Lunn, E. S.	11/7/11	7/7/13	" schooner "Amelia Sims" as O.S.
Rawlins, A. E.	11/7/11	30/5/13	" " "Falcon" as O.S.
Gilbertson, P. A. ..	29/8/11	7/8/13	Joined s.s. "Mararoa" as O.S.
Warren, G. N.	29/8/11	..	Deserted, 21/5/13.
Bromwell, M. C. ..	30/8/11	11/8/13	Joined schooner "Falcon" as O.S.
Edwards, C. G. F. ..	13/9/11	19/8/13	" s.s. "Mararoa" as O.S.
Prideaux, H. A. ..	15/9/11	11/9/13	" " "Stormbird" as O.S.
Farrow, V. R.	11/10/11	21/5/13	Joined s.s. "Petone" as O.S.
Tarbutt, G. S.	25/1/12	..	Deserted. Since joined s.s. "Apanui."
Cullen, C. G.	25/1/12	26/9/13	Joined s.s. "Aparima" as apprentice.
Morrison, A. P. ..	25/1/12	..	Deserted, 5/3/14.
Burton, C. W.	25/1/12	3/6/13	Dismissed as unsuitable.
Brockett, H. A. ..	25/1/12	26/9/13	Joined s.s. "Aparima" as apprentice.
Newton, F. J. W. ..	28/5/12	..	Still on board.
Hullah, T. H. G. ..	29/5/12	5/3/14	Joined H.M.S. "Pyramus" as boy.
Went, O. L.	29/5/12	..	Still on board.
Stapleton, H. P. A. ..	29/5/12	3/11/13	Joined s.s. "Holmdale" as O.S.
Moore, W.	29/5/12	..	Still on board.
Cameron, J.	29/5/12	..	" "
Julian, A. H.	29/5/12	6/7/13	Dismissed ship.
McFarlane, G. Mc. ..	29/5/12	..	Still on board.
Richter, S.	30/5/12	26/9/13	Joined s.s. "Aparima" as apprentice.
Gandy, C. P.	30/5/12	26/9/13	" "
Lovett, R. A. K. ..	1/6/12	26/9/13	" "
Hay, C. J.	12/6/12	..	Still on board.
Carter, A.	12/6/12	..	Returned home medically unfit.
Smith, J. B.	15/6/12	10/9/13	Purchased discharge.
Wickens, T. L. ..	20/11/12	..	Still on board.
Sutton, J.	20/11/12	..	Deserted, 21/5/13.
Bacon, W. S.	20/11/12	..	Still on board.
Fairweather, R. W. ..	21/11/12	5/3/14	Joined H.M.S. "Pyramus" as boy.
Neale, W. A.	23/11/12	26/9/13	" s.s. "Aparima" as apprentice.
Edwards, J. T. ..	22/11/12	..	Still on board.
Retter, F. H.	27/11/12	..	" "
Massey, L. J.	11/2/13	..	" "
Robertson, A. B. ..	11/2/13	..	" "
Hardley, C. F. S. ..	11/2/13	..	" "
Chapman, D. M. ..	11/2/13	..	Returned home as unsuitable, 25/4/13. Since joined s.s. "Aparima" as apprentice.
Cadwallader, W. H. ..	13/2/13	..	Still on board.
Hayward, R. D. ..	18/6/13	..	" "
Fox, J. P. G.	18/6/13	..	Deserted, 13/2/14.
Leeder, L. R.	18/6/13	..	Still on board.
Sundgren, G. G. ..	18/6/13	..	" "
Turner, I. J.	18/6/13	..	Purchased discharge, 15/2/14.
Faulkner, S. H. ..	18/6/13	..	Still on board.
Weston, F. R.	18/6/13	..	" "
Davis, N.	18/6/13	..	" "
Bowater, N. E. ..	18/6/13	..	" "
Thorpe, H. M.	20/6/13	..	" "
Leith, J. P.	23/6/13	..	" "
Jackson, L. R. ..	24/6/13	..	" "
Evans, J.	7/7/13	..	" "
Reeves, F.	23/7/13	..	" "
Ings, R. T.	1/10/13	5/3/14	Joined H.M.S. "Pyramus" as boy.
Watson, H. T. M. ..	1/10/13	5/3/14	" "
Meredith, A.	1/10/13	..	Deserted, 18/1/14.
Francis, B. C.	19/8/13	..	Still on board.
Ingham, H. A.	9/9/13	..	" "
Thackwell, L. C. ..	23/10/13	..	" "
McMillan, R. K. ..	3/12/13	5/3/14	Dismissed ship.
Chapman, F. G. ..	21/1/14	..	Still on board.
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	..	" "
Sewill, J.	21/1/14	..	" "
Redshaw, L. J. ..	22/1/14	..	" "
Hooker, A. B.	20/1/14	..	" "
Henry, J. W.	27/3/14	..	" "

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, 1914.

Name of Seaman.	Balance to Credit of the Estate on 31st March, 1913.	Amount received.	Amount paid.	Balance to Credit of the Estate on 31st March, 1914.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Robert McKellar	13 4 6	0 6 0	13 10 6	..
Harold Newton Clements	..	10 2 9	10 2 9	..
Robert Collins	..	1 5 8	..	1 5 8
Leslie C. Millot	..	1 6 6	..	1 6 6
H. L. Halversen	2 14 4	..	..	2 14 4
John Muller	..	26 15 0	..	26 15 0
Walter James Napier	..	1 12 0	1 12 0	..
E. Mason	..	1 11 6	..	1 11 6
Charles Collins	..	2 7 1	..	2 7 1
Robert Anderson	..	0 14 8	0 14 8	..
William Glancy	..	2 9 2	..	2 9 2
Andrew Geary	..	14 9 2	14 9 2	..
William Kennedy	..	1 3 2	..	1 3 2
Benjamin Johansen	..	8 13 10	8 13 10	..
John McKechnie	..	6 18 7	6 18 7	..
Norman M. Gillespie	..	5 17 8	5 17 8	..
Peter John Shea	..	20 0 0	20 0 0	..
James Doolan	..	2 0 0	2 0 0	..
D. Lynn	0 10 5	0 3 6	0 13 11	..
P. W. Barnett	8 14 11	35 16 9	44 11 8	..
Totals	25 4 2	143 13 0	129 4 9	39 12 5

RETURN SHOWING AMOUNTS RECEIVED PRIOR TO 1ST APRIL, 1913, 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	Lindsay, J., late A.B., "Wanderer"	1 0 8
Barnes, G., late trimmer "Penguin"	4 1 8	Matsen, Lindvist M., late A.B., "Huia"	4 10 8
Benjamin, William, 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, James, late fireman, "Hinemoa"	10 12 1	Mercer, J., late cook, "Jessie Niccol"	1 4 6
Bullen, Alfred, late fireman, "Paeroa"	11 5 2	Murdoch, W., late A.B., "Duco"	0 9 4
Cameron, A., late O.S., "Duco"	0 9 4	Mutton, J. W., late fireman, "Duco"	0 10 8
Christiansen, Thor, late A.B., "Haere"	0 2 10	McGuire, H., late sculleryman, "Penguin"	1 10 2
Clarke Frederick, late O.S., "Flora"	0 10 0	Mackay, William, late A.B., "Duco"	0 9 4
Cooper, H., late cook, "Loch Lomond"	18 11 0	McKay, J., late A.B., "Loch Lomond"	10 11 0
Court, J., late chief officer, "Loch Lomond"	16 6 8	McVicar, J., late A.B., "Loch Lomond"	6 9 0
Dahlborg, J., late A.B., "Duco"	0 13 4	Owens, Walter, late A.B., "Kiripaka"	2 18 6
Dawson, J., late A.B., "Talune"	3 6 2	Parry, Robert, late A.B., "Koromiko"	1 15 6
Denholm, J. S., late fireman, "Pukaki"	6 18 3	Payne, Henry, late A.B., "Kini"	70 7 11
Forman, John, late A.B., "Waitemata"	3 4 5	Piercy, James, late A.B., "Kia Ora"	1 2 2
Gaffra, G., late donkeyman, "Penguin"	4 19 6	Porter, J., late cook, "Duco"	2 11 2
Gale, E., late A.B., "Penguin"	5 4 9	Roberts, Charles, late O.S., "Morning Light"	3 4 11
Grey, T., late A.B., "Loch Lomond"	11 12 0	Ross, A. L., late A.B., "Fanny"	41 2 6
Hansen, C., late A.B., "Duco"	0 9 4	Shuce, George, late cook "Kurov"	0 7 6
Henderson, Samuel, late greaser, "Waipori"	11 19 0	Smith, Frederick, late A.B., "Moonah"	1 6 8
Henderson, W., late A.B., "Penguin"	0 12 6	Waddington, C., late A.B., "Loch Lomond"	10 11 0
Holmgard, P., late A.B., "Duco"	0 9 4	Wadsworth, Samuel, late A.B., "Era"	2 15 4
Jacobs, Mrs. A., late stewardess, "Penguin"	2 3 6	Ward, J., late fireman, "Penguin"	7 18 7
Johansen, E., late A.B., "Surprise"	1 16 2	Waters, J. H., late second engineer, "Duco"	0 13 0
Jones, J., late A.B., "Loch Lomond"	11 12 0	Westacott, W., late A.B., "Penguin"	3 12 6
Kennedy, Duncan, late A.B., "Kini"	5 16 9	Williams, C., late second mate, "Duco"	0 12 0
Lewis, Robert, late cook, "Clyde"	0 16 0	Williams, T. B., late cook, "Opouri"	2 5 8
Lewis, Arthur Peary, late engineer, "Pioneer"	18 8 3	Wood, William, later trimmer, "Arahura"	4 6 11
Lindbloom, Gustav W., late A.B., "Wanderer"	2 10 10	Woodford, T., late A.B., "Penguin"	3 12 6
		Yviquil, Jean, late A.B., "Eliza Firth"	0 0 6

RETURN OF WRECKS AND CASUALTIES TO SHIPPING REPORTED TO THE MARINE DEPARTMENT FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

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	Crew.	Cargo.			Direction.	Force.		
1913. Mar. 15	Hinemoa, 8 years	Oil launch	6	2	..	Fire; total loss	..	..	Calm ..	Through a leakage of benzene an explosion occurred, and vessel was totally destroyed whilst approaching wharf vessel touched a sandbank and remained fast until flood tide whilst fitting new reversing gear a workman dropped a lighted candle into the bilge, where oil caught fire	A. H. Chadwick.
"	Maunganui, s.s., 1 year	Schooner	4,542	136	General	Stranded; no damage	..	E.	..	Whilst approaching wharf vessel touched a sandbank and remained fast until flood tide	L. C. H. Worrall
"	Turanga, o.e.v., 3 years	Cutter ..	19	..	..	Fire; £100 damage	..	..	..	Whilst fitting new reversing gear a workman dropped a lighted candle into the bilge, where oil caught fire	J. S. Clark.
"	Huon Belle, 49 years	Ketch ..	42	3	Shingle	Stranded; £130 damage	..	N.	Strong..	Vessel missed stays and went ashore ..	J. Regan.
"	The Peregrine, s.s., 2 years	Ferry-boat	162	4	Nil ..	Collision; trifling damage	..	N.	Light ..	When berthing the deck-awning came in contact with s.s. "Opawa's" quarter	T. Clark.
April 7	Makara, s.s., 5 years	Schooner	4,921	199	General	Fire; no damage	..	S.E.	Gale ..	Fire broke out in mail-room; cause unknown	H. A. Morrisby.
"	Manaroa, s.s., 16 years	Schooner	92	11	General	Struck submerged object partial loss	..	S.E.	Fresh ..	The Court found that the vessel struck some submerged object and sustained damage which necessitated her being beached	J. G. Gilbertson.
"	Kaiaia, o.e.v., 4 years	Ketch ..	24	3	General	Stranded; slight damage	..	E.	Strong..	Missed stays and went ashore ..	W. S. Davies.
May 4	Triton, 35 years	Barque	688	12	Guano	Dismailed; £50 damage	..	W.	Moderate	Encountered a heavy cross sea which caused main top-gallant mast to carry away	J. Nicholaisen.
"	Wakatere, p.s., 17 years	Ferry-boat	157	32	General	Collapse of funnels; £2,500 damage	..	..	..	The collapse of the funnels was entirely due to shortness of water in the starboard boiler caused by excessive "scumming" by the second engineer, whose certificate was suspended for three months. The chief engineer was guilty of neglect of duty in failing to see that the test cocks were kept in working-order and in delegating to a greaser his duties in regard to filling of the boilers. He was ordered to pay the cost of the inquiry	W. Sullivan.
"	Indrabarah, s.s., 3 years	Schooner	4,664	67	General	Stranded; extensive damage	..	W.	Strong..	The cause of the stranding was the strong westerly wind. The Court considered that the stranding was not due to or contributed to by negligence or default of the master or officers, but that the master committed an error of judgment in not heading more to the westward and at going at too low a rate of speed considering the force of the wind and weather-conditions	A. E. Hollingworth.
"	Ranger, 20 years	Schooner	64	5	Shingle	Damaged bulwarks; £40 damage	..	W.	Strong..	Whilst loading on beach the wind changed and vessel could not be hauled off	J. Williams.
"	Kapuni, s.s., 3 years	Schooner	97	10	General	Stranded; no damage	..	S.E.	Fresh ..	When entering the river the ebb-tide and current caused the vessel to run aground	W. McIntosh.

	23	Wimmers, s.s., 9 years	Schooner	1,872	79	129	General	Broken pump- shaft; trifling damage		Lat. 34° 9' S., Long. 116° 14' E.			Driving-shaft of centrifugal pump broke inside pump-casing	G. F. Entwistle.
"	23	Wairoa, s.s., 30 years	Cutter ..	48	7	About 20	General	Collision with wharf; slight damage	..	Nelson ..	..	Calm ..	When berthing the engines were put ahead instead of astern, and vessel ran under wharf and damaged top gear	F. P. Ricketts.
"	24	Pitoitoi, s.s., 9 years	Cutter ..	19	5	..	General	Struck snag; £50 damage	..	Mokau River ..	..	Calm ..	Struck submerged snag, and stove in two planks	W. Robertson.
"	29	Inga, s.s., 9 years	Schooner	570	19	..	Timber	Stranded; £1,000 dam- ages	..	Kaipara Harbour ..	N.E.	Light ..	Proceeding down Kaipara Harbour the vessel struck Toka Toka rocks, in the early morn- ing, the buoy not being visible in mist and darkness	J. H. Bull.
June	2	Gael, s.s., 9 years	Schooner	55	9	8	General	Broken piston- rod; £15 damage	..	Off Takapu Point, Auckland	N.W.	Light ..	The piston-rod of the low-pressure cylinder broke and struck the cylinder top, which was also broken	A. McKenzie.
"	2	Kittawa, s.s., 15 years	Schooner	708	23	..	General	Rivet worked out	..	Off Westport ..	N.W.	Gale ..	Rivet worked out, and 4 ft. of water found in hold	J. Pennington.
"	10	Maroro, 11 years	Schooner	200	10	..	Nil ..	Stranded; slight damage	..	Pelorus Sound ..	S.S.W.	Light ..	Vessel missed stays and went on the rocks ..	R. Owens.
"	19	Kairaki, s.s., 4 years	Schooner	181	16	..	Timber	Stranded; £700 damage	..	South Spit, Karamea Bar	S.E.	Light ..	Vessel struck sandspit when crossing bar, lost steerage way and drifted ashore. After jettisoning cargo she floated off	W. G. Scott.
"	21	Hawera, s.s., 1½ years	Schooner	92	10	1	General	Stranded; slight damage	..	4 miles south of Wa- nganui Heads	N.	Light ..	Stranding would probably have been avoided had mate taken soundings	T. M. Jackson.
"	28	Petone, s.s., 13 years	Schooner	388	16	..	Produce	Broken shaft; £300 damage	..	Entrance, Timaru Har- bour	..	Calm ..	Tail-shaft broke, no reason apparent	W. S. Gordon.
July	11	Aorere, s.s., 27 years	Ketch ..	49	9	..	General	Broken shaft; £120 damage	..	26 miles from Patea ..	S.	Fresh breeze	Tail end of shaft carried away in heavy sea ..	A. H. Fisk.
"	12	Otaki, s.s., 5 years	Schooner	4,611	68	..	General	Fire; £90 damage	..	Wellington Harbour	..	Calm ..	Fire occurred in the after coal-bunker, the case enclosing the electric wires being burnt. Caused by coal-trimmers leaving candles to burn out on the woodwork	L. G. Silba.
"	13	Waitomo, s.s., 2 years	Schooner	2,719	36	..	Coal ..	Stranded; no damage	..	Otago Harbour ..	..	Calm ..	The vessel was heavily laden, and took the ground in the channel near Quarantine Island, but floated off on being lightened of 300 tons of cargo	F. Harris.
"	27	Napier, s.s., 43 years	Schooner	28	6	..	..	Broken gauge- glass; trifling accident	..	Off Tataroa Heads ..	S.W.	Gale ..	Vessel shipped a heavy sea which got into the engine-room and caused the gauge-glass to break	W. Anderson.
"	29	Aupouri, s.s., 8 years	Schooner	220	22	23	General	Lost propeller; £45 damage	..	Near Thames Wharf	..	Calm ..	The vessel was going astern when the tail- shaft broke and the propeller was lost	E. H. S. Goertz.
Aug.	3	Star of Australia, s.s., 14 years	Schooner	3,985	56	..	General	Stranded; no damage	..	Otago Harbour ..	S.W.	Light ..	Failing to answer her helm quickly she ran into a mudbank, but floated off on rise of tide	F. W. Ulyatt.
"	6	Lily, 38 years	Ketch ..	13	3	..	..	Stranded; no damage	..	Akaroa Harbour ..	S.	Strong..	When entering the harbour in thick foggy weather vessel ran on a reef off Green Point but got off with trifling damage	G. Cross.
"	19	Maitai, s.s., 21 years	Schooner	1,888	..	..	..	Accident to ma- chinery; trifling damage	..	Wellington Harbour	..	..	A steam-pipe leading to deck machinery burst	A. Carson.

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	Passen- gers.	Cargo.	Casualty.			Direction.	Force.		
1913. Aug. 20	Clan Macfarlane, 32 years	Barque	17	..	Nickle ore	Damage to rig- ging; £4,000	..	Lat. 33° 30' S., Long. 175° 40' E.	..	..	A squall struck the ship, and subsequent roll caused back stays to part and rigging carried away	W. A. Makela.
" 22	Awani, 22 years	Schooner	85	..	..	Fire; trifling damage	..	Auckland Harbour ..	..	..	Fire was discovered in vessel's fore-castle when she was at anchor, and cause is unknown	..
" 25	Devon, s.s., 16 years	Schooner	47	..	General	Stranded; total loss	..	Wellington Heads ..	S.S.E.	Gale	The Court found that the cause of the stranding was that the way was not taken off the vessel so as to allow of her being handled expeditiously in narrow waters, that the master mistook the lights and the vessel was navigated too close to Pencarrow side of the entrance. The stranding was contributed to by the default of the master, who was a stranger to the port, in not making himself acquainted with the leading-lights of the port, and when these were obscured by the squally conditions of the weather at the time in not heading the vessel clear of the land to await clearer weather or daylight. The master's certificate was suspended for three months, and he was ordered to pay the cost of the inquiry, £16. Upon a rehearing of the inquiry the Supreme Court reversed the decision arrived at at the Magisterial inquiry and found that the master mistook the Falcon Shoal buoy light for the red sector of Somes Island light in such circumstances that he was not to blame for the disaster.	A. H. Caunce.
Sept. 2	Chelmsford, s.s., 27 years	Schooner	12	..	General	Trifling collision with wharf	..	Limestone Island ..	W.	Strong ..	Coming slowly to her berth a squall struck the vessel and caused her to run into the wharf	F. Keatley.
" 3	Apanui, s.s., 8 years	Schooner	15	8	General	Stranded; trifling damage	..	Waiharara Heads ..	S.	Moderate	When entering Waiharara Harbour a strong beam wind caused the vessel to drift to the eastward, and she took the ground, but floated off on rise of tide	John Wilson.
" 4	Taviuni, s.s., 23 years	Schooner	29	..	Coal	Stranded; no damage	..	Bluff Harbour ..	E.	Light ..	Steering-gear got out of order, and vessel grounded, but was hauled off by tug	A. R. Pryde.
" 5	Rakiura, s.s., 35 years	Schooner	10	..	..	Collision; no damage	..	Near Pūpunga Wharf, Nelson	N.W.	Fresh breeze	Whilst the "Comet" was beating up the channel the strong breeze caused her to collide with the "Rakiura"	I. M. Barr.
" 5	Comet, 30 years	Ketch ..	2	..	..	Collision; slight damage	..	..	..	..	..	H. Williams.
" 8	Orakei, 31 years	Ketch ..	3	..	..	Collision; no damage	..	Railway Wharf, Nelson	S.W.	Fresh breeze	The "Maid of Italy" was lying at the wharf when the "Orakei" coming to berth touched the ground, lost way, and was carried by the tide into the other vessel	G.N. Westrupp.
" 8	Maid of Italy..	Cutter ..	2	..	General	Collision; slight damage	..	..	..	..	..	G. M. Galland.

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.
			Passengers.	Crew.	Cargo.	Casualty.			Direction.	Force.		
1913.												
Dec. 15	Kairaki, s.s., 5 years	Schooner	181	16	General	Broken shaft; £35 damage	..	45 miles north-west of Stephens Island	W.	Gale ..	Thrust-shaft of port engine broke in flange of collar	W. G. Scott.
"	Maori, s.s., 6 years	Schooner	1,433	90	General	Collision; slight damage	..	Queen's Wharf, Wellington	S.S.W.	Gale ..	When the "Maori" was backing out the strong gale caused her to bump into the "Ruahine," several plates being dented in each vessel	W. Manning.
"	Ruahine, s.s., 5 years	Schooner	6,823	170	General	Collision; slight damage	..	Avarua Harbour, Rarotonga	E. N. E.	Moderate	When steering for Avarua Harbour the current caused the ship to drag towards the reef, and, refusing to answer the helm, she went ashore	F. Forbes.
"	Triton, 35 years (Norwegian)	Barque	688	12	Ballast	Stranded; total loss	..	Bay of Islands	..	..	The "Arita" collided with the "Doris" and broke her sponzil	G. M. Olsen.
"	Arita, o.e.v., 6 years	Launch	5	5	..	Collision; no damage	..	..	..	Calm ..	..	L. Adams.
"	Doris, o.e.v., 5 years	Launch	3	1	..	Collision; £7 damage	..	..	..	..	..	H. Fuller.
1914.												
Jan. 4	Himitangi, s.s., 15 years	Schooner	149	15	General	Stripped propeller	..	Tupeka Point, Chatham Islands	..	Calm ..	Whilst manœuvring to anchor she struck bottom and stripped her propeller	W. J. Burns.
"	Maisie, s.s., 2 years	Schooner	2,763	33	Coal	Collision; trifling damage	..	Wellington Harbour	W. N. W.	Gale ..	Vessel dragged her anchors and bumped into s.s. "Mararoa," anchored in stream	C. Rowsell.
"	Kanieri, s.s., 27 years	Schooner	115	14	General	Broken shaft; £60 damage	..	Whangarei Harbour	..	Calm ..	The propeller struck a submerged object and the shaft broke	T. Meyers.
"	Kittawa, s.s., 16 years	Schooner	708	21	General	Damaged rudder; trifling damage	..	Otago Harbour	N.	Moderate	Whilst turning to berth at wharf she struck a sandbank	J. Baldwin.
"	Daphne, s.s., 5 years	Schooner	100	15	General	Damaged shoe and propeller; £25	..	Ohiwa	N. W.	Light ..	Touched on the bar when leaving Ohiwa	E. H. S. Goertz.
"	Karamu, s.s., 1 year	Schooner	453	23	Coal	Collision; no damage	..	Onehunga Wharf	..	Calm ..	Whilst hauling "Karamu" alongside "Rarawa" the vessels bumped together	C. Roberts.
"	Rarawa, s.s., 10 years	Schooner	460	39	Nil	Collision; £5 damage	..	..	..	..	..	W. F. Norbury.
"	Huia, s.s., 43 years	Cutter	39	7	General	Slight accident to machinery	..	Off Nelson Harbour	S. W.	..	Just after leaving Nelson the circulating-pump broke and the vessel returned for repairs	R. Goldie.
"	Kahu, o.e.v., 15 years	Schooner	25	4	Ballast	Stranded; £56 damage	..	Whakatane Bar	W. S. W.	Fresh breeze	When crossing the bar a squall struck her and caused her to run on the rocks	H. W. Parker.
Feb. 1	Flora, s.s., 30 years	Schooner	818	30	General	Fire; no damage to ship	..	Oamaru	..	..	Fire broke out in cargo, consisting mainly of lime	F. W. Barron.
"	Moa, s.s., 50 years	Schooner	92	11	Chiefly motor-spirit	Explosion and fire; total loss	1	Off Wanganui Heads	N.	Light ..	The vessel had a cargo of motor-car spirit, kerosene, turpentine, and benzene, the fumes from which became ignited, and caused an explosion in the after-hold which killed one of the crew and set the vessel on fire, totally destroying her	W. H. Sawyers.

"	19	Hawera, s.s., 3 years	Schooner	92	10	..	..	Patea Bar ..	..	N.W.	Light ..	When leaving Patea the vessel bumped heavily on the bar	T. M. Jackson.
Mar.	6	Blenheim, s.s., 9 years	Schooner	85	11	1	..	Opawa River	..	S.E.	Strong	The "Blenheim" coming down and the "Opawa" going up the river, which is narrow, came into collision	G. Wilkinson.
"	6	Opawa, s.s., 17 years	Ketch ..	64	10	..	..	Lyttelton Harbour	..	..	Calm	Whilst trying to turn to berth at Purau Wharf the "John Anderson" struck the "Purau" a glancing blow	W. Nicholas.
"	7	John Anderson, s.s., 23 years	Schooner	36	6	226	..	..	..	..	..	Fire was discovered in hold, and was probably caused by leakage from a case of acid accidentally stowed below	T. Coupar.
"	7	Canterbury, s.s.	..	..	2	50	..	Wharf, Wanganui	..	..	..	When trying to make Pier Head the strong wind caused the vessel to sag to leeward, and she went ashore on the beach	C. L. Nolan.
"	7	Stormbird, s.s., 60 years	Schooner	129	13	..	..	Napier ..	..	N.E.	Gale ..	Owing to bar sitting up the vessel grounded, became unmanageable, and drifted ashore whilst shipping a heavy weight the eye-bolt securing the mainstay to mainmast broke, and the mast robbed of its support, carried away	A. Dowell.
"	17	Trusty, 50 years	Ketch ..	59	4	..	..	Waitara River	..	N.	Fresh breeze	..	C. D. Calgey.
"	17	Wetere, s.s., 6 months	Ketch ..	41	6	4	..	Wharf, Greymouth	..	..	Calm ..	..	J. O. Berg.
"	24	Opouri, s.s., 2 years	Schooner	218	17	..	..	3 miles north-west of Whakatane	..	W.N.W.	Light ..	Crank-shaft of pump-engine broke, and vessel was taken in tow to Auckland	R. Pearson.
"	28	Weka, s.s., 20 years	Cutter ..	86	11	..	..	9 miles south of Kai-koura	..	..	Calm ..	Tail-shaft broke; no apparent reason	J. Teixeira.
"	29	Cygnat, s.s., 29 years	Schooner	66	11	4	..	..	..	..	..	..	A. J. Murray.

SUMMARY OF CASUALTIES TO SHIPPING REPORTED TO THE MARINE DEPARTMENT DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

Nature of Casualty.	Casualties on or near the Coasts of the Dominion.						Casualties outside the Dominion.						Total Number of Casualties reported.					
	Steamers.			Sailing-vessels.			Total within Dominion.			Steamers.						Sailing-vessels.			Total outside Dominion.
	No. of Vessel.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.	No. of Vessels.	Tonnage.	No. of Lives lost.
Strandings,—																		
Total wrecks	2	8,238	..	1	1,058	..	3	9,287	..	..	..	..	1	688	..	4	9,975	..
Partial loss	4	5,507	..	1	42	..	5	5,549	..	..	..	..	..	..	..	5	5,549	..
Slight damage	4	276	..	2	259	..	6	535	..	..	..	..	..	..	..	6	535	..
No damage	9	15,171	..	1	13	..	10	15,184	..	..	..	..	..	..	..	10	15,184	..
Total strandings	19	29,193	..	5	1,372	..	24	30,555	..	..	..	..	1	688	..	25	31,243	..
Foundered: Total loss	1	4	4	..	..	..	1	4	4	..	..	..	..	..	..	1	4	4
Collisions,—																		
Partial loss	1	5	..	..	..	..	1	5	..	..	..	..	..	..	..	1	5	..
Slight damage	11	11,998	..	2	35	..	13	12,033	..	..	..	..	..	..	..	13	12,033	..
No damage	7	679	..	2	48	..	9	727	..	..	..	..	..	..	..	9	727	..
Total collisions..	19	12,682	..	4	83	..	23	12,765	..	..	..	..	..	..	..	23	12,765	..
Fires,—																		
Total loss	2	98	1	..	..	..	2	98	1	..	..	..	..	..	..	2	98	1
Partial loss	2	148	..	..	..	..	2	148	..	..	..	..	..	..	..	2	148	..
Slight damage	2	5,301	..	1	85	..	3	5,386	..	..	..	..	..	..	..	3	5,386	..
No damage	2	5,739	..	..	..	..	2	5,739	..	..	..	..	..	..	..	2	5,739	..
Total fires	8	11,286	1	1	85	..	9	11,371	1	..	..	..	..	..	..	9	11,371	1
Miscellaneous, including damage by heavy seas to hull and cargo, loss of masts, sails, &c., and breakdown of machinery	25	7,792	..	5	256	..	30	8,038	..	2	6,068	..	2	2,154	..	4	8,222	..
Total number of casualties reported	72	60,987	5	15	1,796	..	87	62,783	5	2	6,068	..	3	2,842	..	5	8,910	..
																92	71,643	5

RETURN OF ACCIDENTS TO SEAMEN AND OTHERS ON BOARD SHIP REPORTED TO THE MARINE DEPARTMENT DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

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.
1913.					
April 3	Rotomahana, Auckland, 751119	H. Taylor, fireman ..	Injured hand ..	At sea ..	Got his hand crushed in engine-room.
" 6	Taniwha, Auckland, 102302	J. Phillips, fireman ..	Amputated finger ..	At sea ..	He got his finger caught in the machinery.
" 7	Komata, Dunedin, 117593 ..	W. Thomas, A.B. ..	Burnt leg ..	At sea ..	Whilst washing deck, his leg touched a steam-pipe.
" 7	John, London, 110059 ..	T. Woods, fireman ..	Crushed fingers ..	Wellington ..	He got his fingers caught between vessel and wharf.
" 7	Manaroa, Wellington, 108071 ..	J. Millard, A.B. ..	Injured ankle ..	Pelorus Sound ..	He had his ankle jambed by propeller of launch.
" 14	Torquise, not registered ..	F. Gray, trimmer ..	Scalded hand ..	Wellington ..	He spilt a billy of tea on his hand.
" 14	Maori, Dunedin, 117598 ..	J. Lewis, fisherman ..	Drowned ..	Hauraki Gulf ..	Whilst trying to pull dinghy aboard, he fell overboard.
" 17	Rarawa, Auckland, 115207 ..	J. White, cook ..	Injured shoulder ..	At sea ..	He fell down saloon-steps.
" 17	Mokoia, Dunedin, 101483 ..	T. Silverwood, A.B. ..	Poisoned hand ..	Dunedin ..	He cut his hand with a piece of wire.
" 19	Himitangi, Wellington, 108074 ..	P. Crosby, fireman ..	Injured finger ..	Chatham Islands ..	He got his finger jambed whilst working the surf-boat.
" 20	Maori, Dunedin, 117598 ..	J. S. Wells, engineer ..	Burnt face ..	Wellington ..	Water from injector blew out over his face.
" 20	Kuraw, Dunedin, 127804 ..	F. Peck, fireman ..	Strained back ..	Wellington ..	Whilst working in engine-room he fell through a trapdoor.
" 21	Mararoa, Dunedin, 89380 ..	J. A. Bontell, steward ..	Poisoned hand ..	At sea ..	He scratched his hand whilst cleaning brass.
" 21	Ronaki, not registered ..	F. J. Peterson, deck hand ..	Drowned ..	Auckland ..	He fell overboard whilst launch moored in Auckland Harbour.
" 23	Opawa, Wellington, 91800 ..	J. Robertson, A.B. ..	Injured eye ..	Blenheim ..	Whilst battening down hatch a piece of rust flew in his eye.
" 25	Maori, Dunedin, 117598 ..	H. May, steward ..	Strained back ..	Lyttelton ..	He fell off a stool whilst opening a port.
" 28	Moeraki, Dunedin, 101488 ..	P. Mack, trimmer ..	Burnt hand and arm ..	At sea ..	The back-draught from furnace burnt him.
" 30	Awaroa, Auckland, 117670 ..	C. Thomas, fireman ..	Injured testicle ..	Wellington ..	Whilst working in stokehold his shovel caught on edge of a plate, and the handle struck him.
May					
4	Daphne, Auckland, 122922 ..	A. McIntyre, cook ..	Injured head and arm ..	At sea ..	He slipped and fell down bunker-hatch.
" 5	Niagara, ..	J. Rummins, cook ..	Broken ribs ..	At sea ..	He slipped and fell down ladder.
" 6	Koonya, Dunedin, 109641 ..	J. Beavan, cook ..	Scalded foot ..	At sea ..	He upset a kettle of boiling water.
" 6	Holmdale, Wellington, 117677 ..	A. Jackson, A.B. ..	Crushed fingers ..	Gisborne ..	He got his fingers caught between wharf and ship.
" 7	Mokoia, Dunedin, 101483 ..	J. McKay, A.B. ..	Fractured urethra ..	Napier ..	He fell on to brake of windlass.
" 7	Wimmera, Melbourne, 120722 ..	P. Crosby, trimmer ..	Injured arm ..	At sea ..	He was knocked down by a sea.
" 8	Warrimoo, Dunedin, 101901 ..	K. Mackenzie, pantryman ..	Broken clavicle ..	Dunedin ..	He fell down the lazarette.
" 10	Terawhiti, Dunedin, 117594 ..	A. McKeller, mate ..	Injured leg ..	Wellington ..	He was struck by a wire whilst loading salvage gear.
" 11	Kereru, Auckland, 122913 ..	J. H. Underwood, mate ..	Poisoned thumb ..	At sea ..	Whilst sewing canvas he ran a needle into his thumb.
" 13	Arapawa, Wellington, 108090 ..	J. Winters, fireman ..	Sprained shoulder ..	Napier ..	He fell on plate in stokehold.
" 14	Kanona, Dunedin, 101486 ..	J. McLeod, cook ..	Injured hand ..	At sea ..	A heavy sea struck him.
" 14	Maitai, Dunedin, 101935 ..	W. Ryan, trimmer ..	Injured hand ..	At sea ..	He got his hand torn in machinery.
" 17	Squali, Napier, 118113 ..	G. Aldgren, boatswain ..	Sprained back ..	Auckland ..	He fell down the forecastle-ladder.
" 19	Nauva, Dunedin, 117583 ..	G. Franklin, greaser ..	Injured leg ..	Auckland ..	Injured his leg whilst working in engine-room.
" 19	Tally Ho, Auckland, 102293 ..	J. Johansen, A.B. ..	Cut hand ..	Auckland ..	He cut his hand whilst working.
" 19	Aratapu, Auckland, 78354 ..	I. Cameron, A.B. ..	Injured leg ..	Lyttelton ..	Whilst clearing cable, bight of chain struck him on leg.
" 19	Dorset, London, 118256 ..	C. Crockett, O.S. ..	Drowned ..	At sea ..	He fell overboard.
" 20	Whakatane, Plymouth, 111348 ..	D. Thomas, trimmer ..	Sprained ankle ..	Lyttelton ..	He slipped on deck and jambed his foot under a steam-pipe.
" 20	Tatune, Hobart, 57626 ..	F. C. McCallum, A.B. ..	Hernia ..	At sea ..	He strained himself lifting a ventilator.
" 20	Kaao, Auckland, 118975 ..	R. E. Scott, engineer ..	Crushed finger ..	Auckland ..	Whilst working in engine-room he got his finger crushed by piston.
" 21	Hauptiri, Dunedin, 89094 ..	G. Devalle, fireman ..	Injured finger ..	At sea ..	He got his finger jambed in a grating.
" 23	Zealandic, Liverpool, 131389 ..	C. Gray, trimmer ..	Injured head ..	Pictou ..	He fell down ladder on to fore-deck.
" 23	Mapourika, Dunedin, 101482 ..	M. Topher, fireman ..	Burnt hand and face ..	At sea ..	The fire blew out and burnt him.
" 25	Kauri, Dunedin, 120501 ..	A. R. Stuart, mate ..	Crushed finger ..	Lyttelton ..	Whilst putting cargo in sling.
" 26	Kini, Dunedin, 104337 ..	J. Jeffrey, cook ..	Burnt hands and face ..	Westport ..	Fat in oven ignited.
" 27	Clansman, Auckland, 87520 ..	W. Donald, greaser ..	Ricked back ..	Russell ..	Lifting ash-chute.

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

Date 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.
1913.					
June 1	Maunganui, Dunedin, 127810	D. Jones, steward	Broken finger	Dunedin	He fell down the storeroom-ladder.
" 2	Waitomo, Dunedin, 132990	D. O'Connor, fireman	Broken bone in leg	Dunedin	He slipped and struck his leg against the winch.
" 3	Katoa, Dunedin, 127811	H. Holyman, cook	Injured finger	At sea	He ran the hook of a spring balance into his finger.
" 4	Will Watch, Auckland, 101141	E. Lund, A.B.	Injured back	Whangarei	He twisted his back whilst trimming coal.
" 4	Akaroa, Auckland, 74636	M. Santos, cook	Burnt face	Auckland	Whilst melting fat it ignited.
" 5	Moeraki, Dunedin, 101488	N. Wilson, steward	Sprained wrist	At sea	He was knocked down by a sea.
" 6	Ngatiawa, Auckland, 122916	H. Leahy, O.S.	Poisoned finger	Opoitiki	He ran a splinter into his finger.
" 6	Arahura, Dunedin, 117587	J. Leel, scullion	Injured wrist	Wellington	Whilst getting down from galley-boilers he slipped and caught his wrist on a hook.
" 7	Moeraki, Dunedin, 101488	J. Nugent, trimmer	Burnt face	Dunedin	The fire blew out furnace-door.
" 7	Awaroa, Auckland, 117670	L. Walen, A.B.	Sprained ankle	Motueka	He fell down a ladder.
" 9	Tutanekai, not registered	S. Hunt, fireman	Broken ribs	At sea	He fell down forecastle-ladder.
" 10	Monowai, Dunedin, 84497	W. Sullivan, fireman	Injured hand	Napier	He jambed his hand lifting a stokehold-plate.
" 10	Ngatiawa, Auckland, 122916	G. Rack, fireman	Scalded neck and shoulder	Auckland	A stud blew out from pump-discharge cover.
" 13	Tatane, Hobart, 57026	J. Davis, crews' attendant	Bruised knee	Tahiti	He slipped and fell on gangway.
" 16	Ngapuhi, Auckland, 102329	F. H. Santsbury, cook	Severely shaken	At sea	Was knocked down by rolling of vessel.
" 17	Mararoa, Dunedin, 89380	H. Adams, cook	Scalded foot	Lyttelton	Whilst scrubbing he trod in a bucket of boiling water.
" 18	Daphne, Auckland, 122922	A. Gossett, second mate	Crushed finger	Auckland	Got his finger caught in cargo gear.
" 18	Wairau, Lyttelton, 76076	W. Morris, A.B.	Injured knee	Pictou	He jagged his knee with cargo-hook.
" 18	Kaitoa, Nelson, 93995	A. G. Baggett, 2nd mate	Injured knee	Nelson	He knocked his knee whilst getting into boat.
" 21	Mokoia, Dunedin, 101483	J. Deans, fireman	Burnt arm	Auckland	Back-draught from furnace burnt him.
" 23	Corinthic, Liverpool, 115296	E. H. Good, A.B.	Fractured rib	Lyttelton	He fell down forecastle companion-way.
" 23	Mokoia, Dunedin, 101483	H. W. Fryer, steward	Contused wounds	At sea	He fell down chain-locker hatch.
" 24	Ripple, Napier, 102627	A. Linn, A.B.	Crushed internally	Wellington	He got caught by boat-fall round barrel of winch.
July 3	Titania, Sydney, 105963	E. S. Flox, A.B.	Broken ribs	Wellington	He fell down the ballast-tank.
" 5	Waitomo, Dunedin, 132990	W. J. Napier, trimmer	Drowned	At sea	Supposed to have been washed overboard.
" 7	Moeraki, Dunedin, 101488	T. Donachy, trimmer	Injured knee	At sea	He slipped whilst wheeling a barrow in stokehold.
" 8	Manuka, Dunedin, 117582	R. Todd, fireman	Injured back	At sea	He strained his back whilst picking up a slice.
" 8	Arawa, Southampton, 124461	G. Parsilli, A.B.	Broken leg	Wellington	He fell and broke his leg.
" 10	Maori, Dunedin, 117593	H. McDonald, trimmer	Strained back	Lyttelton	He slipped and fell in the stokehold.
" 15	Kapiti, Wellington, 108078	J. Ellenderson, A.B.	Injured leg	Wellington	Whilst working cargo a cask fell and jambed his leg.
" 19	Waiine, Dunedin, 127813	J. Kennedy, fireman	Injured knee	Port Chalmers	A barrow fell on his leg.
" 19	Navua, Dunedin, 117583	W. Spargo, engineer	Burnt hand	Suva	Whilst examining fire-engine.
" 19	Kapiti, Wellington, 108078	J. Love, cook	Fractured ribs	Foxton	Fell whilst going aboard his ship.
" 20	Tarawera, Dunedin, 84480	J. Turner, fireman	Burnt arm	At sea	Got his arm burnt whilst firing.
" 21	Ahuriri, Napier, 91784	J. McDonald, A.B.	Bruised side	Mohaka	He got crushed beneath surf-boat whilst landing cargo.
" 26	Kotare, Dunedin, 117667	G. Moore, A.B.	Injured knee	Taaroa Head	Was struck on the knee by the anchor.
" 31	Aupouri, Auckland, 122909	F. Skivington, A.B.	Injured foot	Auckland	He trod on a piece of iron which pierced his foot.
Aug. 1	Atua, Dunedin, 117591	R. Lang, fireman	Severely bruised	At sea	Whilst working in stokehold he got knocked against end of boilers.
" 2	Rosamond, Dunedin, 89594	T. Cuthbert, fireman	Injured hand	Auckland	Whilst hoisting ashes he got his hand caught in chain.
" 2	Waitomo, Dunedin, 132990	C. Collins, steward	Killed	Newcastle	He fell down hold and fractured his skull.
" 3	Dandy, Auckland, 102335	E. Erickson, A.B.	Injured foot	Auckland	He jambed his foot against a stanchion.
" 4	Talisman, Auckland, 102297	G. Martin, A.B.	Bruised legs	Devonport	A sling of timber fell on his legs.
" 5	Hawera, Wellington, 121387	E. Hecht, A.B.	Crushed foot	Wellington	A sling of pipes came down on his foot.
" 6	Young Bungere, Auckland, 83881	W. Hindley, fireman	Drowned	Auckland	Fell overboard whilst towing; accident not observed.

6	Young Bungaree, Auckland, 83881	C. Clanson, A.B.	..	..	Auckland ..	Fell overboard whilst towing; accident not observed.
"	Southern Isle, Auckland, 102334	H. Morris, A.B.	..	..	Nelson ..	He jambed his hand whilst shifting cargo.
"	Waipapu, Auckland, 82725	A. Nelson, A.B.	..	..	Auckland ..	Bruised his hand whilst working.
"	Koonya, Dunedin, 109641	R. Edgeworth, donkeyman	..	..	Wellington	A slice fell on his toe.
"	Glenelg, Auckland, 76187	W. Jensen, A.B.	..	..	Auckland ..	Sprained his heel by jumping on to a punt.
"	Ngapuni, Auckland, 102329	A. Day, A.B.	..	..	Auckland ..	He cut his hand on a piece of jagged wire rope.
"	Manuka, Dunedin, 117582	S. Cunningham, fireman	..	..	Wellington	He fell off a plank in engine-room.
"	Lyttelton, Auckland, 54008	E. Connelly, fireman	..	..	Auckland ..	Whilst scaling boiler a piece of rust flew in his eye.
"	Tavuni, Dunedin, 84500	L. Miller, A.B.	..	..	Dunedin ..	A piece of rusty wire ran into his hand.
"	Endeavour, Auckland, 118972	E. Cremer, A.B.	..	..	Auckland ..	He rot his hand cut by hauling-line.
"	Marama, Dunedin, 117597	J. Doherty, fireman	..	..	At sea ..	He fell in stokehold through vessel rolling.
"	Maitai, Dunedin, 101935	P. Stoddart, A.B.	..	..	At sea ..	A beam fell on his leg.
"	Marama, Dunedin, 117597	G. Prentice, sculleryman	..	..	Auckland ..	He fell off the galley-table.
Sept. 3	Awaroa, Auckland, 117670	J. Barrett, deck hand	..	..	Wellington	Whilst putting on hatches, he fell down the hold.
5	Patea, Launceston, 79262	J. Williams, cook	..	..	Wellington	He cut his hand opening a tin.
"	Taniwha, Auckland, 102302	R. Tully, A.B.	..	..	Auckland ..	He ricked his back whilst discharging cargo.
"	Tofua, Dunedin, 117600	H. Thomson, cook	..	..	Auckland ..	He fell down a hatchway.
"	Mararoa, Dunedin, 89380	W. Dean, steward	..	..	Wellington	Whilst cleaning a knife it slipped.
"	Putiki, Wellington, 108088	J. Jackson, A.B.	..	..	At sea ..	Whilst hauling in mainsail the boom struck his arm.
"	Claymore, Auckland, 115188	C. Jonas, A.B.	..	..	Onehunga ..	He got his foot jambed in the winch.
"	Monowai, Dunedin, 84497	A. Dillan, fireman	..	..	Lyttelton ..	A slice fell on his foot.
"	Talune, Hobart, 57626	G. Bryant, fireman	..	..	At sea ..	He slipped and fell when coming out of bunker.
"	Warrimoo, Dunedin, 101901	H. Ross, trimmer	..	..	Dunedin ..	He struck his knee against some coal.
"	Waimate, Plymouth, 105276	L. McMullen, trimmer	..	..	At sea ..	He got his finger poisoned whilst working in stokehold.
Oct. 1	Hina, Nelson, 40376	L. Morrison, A.B.	..	..	Nelson ..	Whilst loading cargo he had his finger crushed by a case.
"	Kennedy, Nelson, 52361	T. Thomson, A.B.	..	..	Nelson ..	Steam-cock of winch blew out and hit him.
"	Kaituna, Dunedin, 120467	W. Vandersen, fireman	..	..	Surva ..	Was scalded by steam from donkey-pump.
"	Kaipoi, Dunedin, 117592	E. Pearson, A.B.	..	..	Auckland ..	He got his finger caught in hatch-beams.
"	Talisman, Auckland, 102297	I. Francis, A.B.	..	..	At sea ..	He got his finger crushed whilst setting sail.
"	Pohorua, Dunedin, 98061	J. Ireland, cook	..	..	Auckland ..	He knocked his knee against galley-door.
"	Himitangi, Wellington, 108074	J. Briggs, deck hand	..	..	Chatham Islands	A case fell on his hand.
"	Rosamond, Dunedin, 89594	J. McArthur, A.B.	..	..	Tolaga Bay	He slipped on deck.
"	Aupouri, Auckland, 122909	G. Stokes, A.B.	..	..	Auckland ..	He got his hand caught between two slings.
Nov. 3	Clyde, not registered	J. Egginton, deck hand	..	..	Clutha River	Gooseneck broke and derrick fell on him.
"	Kairaki, Lyttelton, 76080	B. Johansen, A.B.	..	..	Hokitika ..	Found drowned.
"	Marere, London, 115941	O. Roberts, quartermaster	..	..	Wellington	He fell from aloft.
"	Mania, Auckland, 101481	A. Sligo, fireman	..	..	Auckland ..	He fell whilst working in engine-room.
"	Squall, Napier, 118113	F. Mortensen, A.B.	..	..	Gisborne ..	He ran a splinter into his thumb.
"	Warrimoo, Dunedin, 101901	H. Nathan, O.S.	..	..	Dunedin ..	He fell down a hatch.
"	Kia Ora, Southampton, 124487	B. E. Jackson, steward	..	..	Invercargill	He slipped and fell whilst carrying dishes.
"	Waifangi, Auckland, 76071	C. Warne, fireman	..	..	Turua ..	He slipped and fell through a trap-door in the engine-room.
"	Squall, Napier, 118113	J. Ornstein, fireman	..	..	At sea ..	He fell in stokehold.
Dec. 1	Aupouri, Auckland, 122909	H. Schmidt, 2nd mate	..	..	Hohara ..	The guy-block hit him over the left eye.
"	Dapine, Auckland, 122922	W. A. Beu, A.B.	..	..	Whitianga	A keg of beer struck his leg.
"	Talune, Hobart, 57626	G. Davis, fireman	..	..	Rarotonga	He knocked his knee against a ladder in stokehold.
"	Akaroa, Auckland, 74636	A. Bell, trimmer	..	..	At sea ..	Whilst oiling engine, he fell against the cross-head.
"	Karow, Dunedin, 127804	J. McIntosh, greaser	..	..	At sea ..	He struck his head against cylinder of engine.
"	Maunganui, Dunedin, 127810	B. Booth, steward	..	..	Wellington	A steward let a trunk slip and it struck his head.
"	Patea, Launceston, 79262	F. Stidolph, engineer	..	..	Wellington	Whilst working at cross-head of engine, he slipped and the cross-head struck him.
"	Kapuni, Wellington, 121382	C. Welton, O.S.	..	..	Wellington	He fell down the hold.
"	Kawau, Auckland, 102318	W. Knaggs, A.B.	..	..	Auckland ..	He got his hand caught between the ship and a coal-bulk.
"	Ngatiawa, Auckland, 122916	H. A. Nicholson, A.B.	..	..	Opotiki ..	Whilst coiling up a wire rope a bight flew round and hit him on the leg.

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.
1913.					
Dec. 19	Pohorua, Dunedin, 98061	T. Black, cook	Scalded leg	At sea	He spilt some boiling water on his leg.
" 19	Opawa, Plymouth, 124566	A. Sands, A.B.	Fractured pelvis	Auckland	He fell down hold of vessel.
" 20	Clansman, Auckland, 87520	R. Parker, deck-boy	Injured arm	Auckland	Whilst taking in cargo he got his arm caught in lead block.
" 22	Wakura, Dunedin, 127802	J. A. Bjorksen, fireman	Burnt neck and chest	At sea	Back-draught from furnace burnt him.
" 24	Wahine, Dunedin, 127813	F. Gray, trimmer	Strained back	Wellington	He slipped with a barrow of ashes.
" 24	Rakanoa, Dunedin, 101477	E. J. Revington, engineer	Amputated finger	At sea	He got his finger caught in eccentric.
" 26	Pateauna, Launceston, 79262	M. Power, cook	Poisoned finger	At sea	He ran a fish-bone into his finger.
" 27	Inga, Sydney, 125234	A. Repnie, mate	Drowned	Wanganui	Supposed to have fallen into river whilst going on board his ship.
" 28	Mangapapa, Wellington, 112600	W. A. Brown, fireman	Bruised arm	Westport	He got his arm bruised whilst shipping a horse.
" 30	Manuka, Dunedin, 117582	W. J. Chalkley, trimmer	Injured head	At sea	Whilst working in bunkers he was struck on the head by a piece of coal.
1914.					
Jan. 3	Kini, Dunedin, 104337	A. Shivers, A.B.	Broken ribs	Pictou	He was struck by a line when vessel was leaving the wharf.
" 5	Manaia, Auckland, 101481	E. J. Dale, greaser	Sprained ankle	Auckland	He sprained his ankle whilst landing a pipe on the wharf.
" 5	Pateauna, Launceston, 79262	H. Power, cook	Poisoned fingers	Wellington	A fish-bone ran into his finger.
" 7	Katoka, Dunedin, 127811	C. Whitford, greaser	Bruised fingers	Bluff	Whilst working in engine-room.
" 7	Victory, Auckland, 115198	J. Reardon, A.B.	Injured ear	Auckland	A sling struck him on the ear.
" 8	Ethel Wells, Auckland, 127877	J. Turnell, A.B.	Injured finger	Whangarei	Whilst lashing cargo-gaff to rail he got his finger jambed.
" 12	Titania, Sydney, 105963	W. Clancy, A.B.	Killed	Wellington	He was knocked out of a railway-truck by a coal-basket.
" 16	Rakiura, Dunedin, 78369	T. Goff, A.B.	Poisoned hand	At sea	Whilst splicing wire a piece ran into his hand.
" 19	Te Aroha, Napier, 121591	E. Wiram, A.B.	Crushed hand	Napier	He got his hand caught between two logs of timber.
" 19	Sussex, London, 112686	S. I. Guiton, A.B.	Drowned	Lyttelton	Found drowned in the harbour.
" 20	Monowai, Dunedin, 84497	J. Dickson, scullion	Sprained ankle	At sea	He slipped on some steps.
" 21	Koi, Nelson, 93992	J. Colville, O.S.	Injured hand	Nelson	He got his hand crushed whilst working cargo.
" 23	Ngahere, Port Glasgow, 102380	C. Keating, fireman	Poisoned elbow	At sea	He knocked his elbow on a fire-bar.
" 24	Waitomo, Dunedin, 132990	M. Munro, A.B.	Cut hand	Dunedin	He got his hand jambed by winch wire.
" 25	Maori, Dunedin, 117593	B. Church, fireman	Splinter in hand	Lyttelton	Whilst working below a splinter ran in his hand.
" 29	Kini, Dunedin, 104337	J. Bettis, A.B.	Cut head	Auckland	Whilst painting funnel, guy-block fell on his head.
" 29	Corinna, Launceston, 79252	J. Brown, trimmer	Sprained ankle	At sea	He slipped on the stokehold-plates.
" 29	Mamari, Southampton, 116967	D. Wynd, engineer	Concussion of brain; fatal	Napier	He fell down the bunkers.
Feb. 2	Kahu, Napier, 37116	J. Johnston, A.B.	Injured arm	Wellington	A sleeper fell out of a sling and struck him.
" 2	Monowai, Dunedin, 84497	E. Spriggs, steward	Burnt by acid	Lyttelton	He fell in some sulphuric acid.
" 6	Waitemata, Dunedin, 127801	S. Gooding, A.B.	Injured head	Lyttelton	He was struck on the head.
" 9	Aupouri, Auckland, 122909	C. H. Page, steward	Bruised leg	Auckland	He knocked his leg on the saloon-door sill.
" 9	Makura, Dunedin, 127802	H. R. Harris, trimmer	Burnt shoulder	At sea	He fell against a boiler.
" 10	Manaia, Auckland, 101481	E. Morrison, trimmer	Bruised back	Whangarei	He slipped and fell in engine-room.
" 10	Karama, Dunedin, 127812	J. Hennessy, fireman	Injured wrist	Lyttelton	He fell on deck of vessel.
" 15	Mopurika, Dunedin, 101482	W. Arndt, cook	Scalded feet	At sea	He spilt some boiling water on his feet.
" 16	Stormbird, Wellington, 31760	B. Kyle, fireman	Injured wrist	Wanganui	He jarred his wrist whilst shovelling coal.
" 16	Wakare, Auckland, 102288	A. Taylor, boy	Injured finger	Auckland	Whilst handling a case a nail lacerated his finger.
" 18	Waiohahi, Auckland, 94250	N. McQuarrie, O.S.	Injured knee	Auckland	Whilst working in dry dock.
" 23	Wakare, Auckland, 102288	W. Todd, A.B.	Injured hand	Auckland	A nail ran into his hand.
" 23	Wairoa, Nelson, 87511	J. Westrupp, A.B.	Crushed hand	Nelson	Whilst working cargo.
" 23	Pateauna, Launceston, 79262	W. Black, fireman	Strain in groin	Wellington	He strained himself lifting a bag of ashes.
" 24	Kawau, Auckland, 102318	R. Oldfield, cook	Burnt arm	Auckland	He slipped and fell against a stove.
" 24	Matai, Dunedin, 101935	J. Craig, fireman	Burnt arms	At sea	Whilst cleaning fires.
" 27	Wahine, Dunedin, 127813	T. McBain, fireman	Injured ankle	At sea	He slipped on stokehold-ladder.
Mar. 5	Moeraki, Dunedin, 101488	J. Singleton, steward	Burnt hands	Wellington	He burnt his hands sliding down boat-falls.
" 7	Waitangi, Auckland, 102304	D. Campbell	Lacerated finger	Auckland	Whilst shipping bridge-piece of boiler it slipped and fell on his finger.

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, 1914.

Name of Seaman.	Name of Vessel.	Nature of Injury or Illness.	Amount paid for Wages, Maintenance, &c.		
			£	s.	d.
Adams, H.	Mararoa	Scalded foot	17	1	6
Ainsworth, A.	Kia Ora	Fistula in rectum	1	15	0
Aird, L.	Wimmera	Hæmorrhage of lungs	10	10	0
Aldgreen, G.	Squall	Strained back	10	8	6
Anderson, J.	Blenheim	Influenza	11	13	6
Anderson, L.	Kumara	Injured head and body	5	16	0
Arndt, W.	Mapourika	Scalded feet	9	7	6
Ayling, A.	Arahura	Rheumatic fever	33	12	8
Backler, A.	Marero	Internal complaint	14	6	0
Baggett, A. G.	Kaitoa	Injured knee	23	4	4
Baile, R.	Niagara	Boils	2	5	0
Baker, C.	Huia	Rheumatism	37	4	11
Baldwin, S.	Maori	Quinsy	5	12	2
Bannatyne, J. G.	Waipori	Neuritis	30	18	6
Barr, A.	Mararoa	Muscular rheumatism	69	12	0
Batty, W.	Baden Powell	Rheumatism	14	7	6
Beavan, J.	Koonya	Scalded foot	13	14	8
Bell, A.	Akaroa	Injured finger	20	0	8
Bettis, J.	Kini	Cut head	13	15	7
Bew, W. A.	Daphne	Injured leg	21	13	2
Bjorksen, J. A.	Makura	Burnt neck and chest	2	17	0
Black, T.	Pohorua	Scalded leg	33	17	1
Black, W.	Pateena	Strain in groin	10	18	1
Booth, B.	Maunganui	Injured head	31	10	0
Boutell, J.	Mararoa	Poisoned hand	5	11	0
Brien, P.	Karamu	Bursitis	15	10	0
Briggs, G.	Himitangi	Injured hand	4	0	0
Britton, I.	Maunganui	Inflammation of kidneys	9	14	4
Brown, J.	Corinna	Sprained ankle	23	2	10
Brown, J.	Takapuna	Eczema	32	10	8
Brown, W. A.	Mangapapa	Bruised arm	7	16	5
Bryant, G.	Talune	Injured ankle	9	4	10
Cameron, J.	Aratapu	Injured leg	15	14	0
Cannon, W. J.	Kini	Gastric catarrh	26	2	10
Chalkley, H. J.	Manuka	Injured head	13	12	10
Chambers, R.	Ulimaroa	Influenza	18	10	10
Church, B.	Maori	Splinter in hand	14	2	10
Claes, J. J.	Kia Ora	Internal pains	11	15	0
Clancy, W.	Titania	Internal injuries	6	18	0
Coates, H.	Tarawera	Internal pains	12	4	4
Cockell, W. G.	Flora	Bronchitis	9	11	8
Coleman, E.	Koonya	Appendicitis and tonsilitis	16	12	6
Coley, E.	Ngakuta	Scalded feet	6	7	9
Colville, J.	Koi	Injured hand	10	12	0
Collins, R. K.	Maunganui	Abscess on brain	9	10	0
Connelly, E.	Lyttelton	Injured eye	17	15	0
Connor, T.	Corinna	Bronchitis	11	16	8
Conroy, P.	Wahine	Varicose veins	35	12	7
Cooney, P.	Kapiti	Bronchitis	19	5	0
Cordyer, H.	Corinna	Rheumatism	38	6	6
Cottrill, J.	Maori	Influenza	11	0	4
Craig, J.	Maitai	Burnt arms	13	6	9
Cremier, E.	Endeavour	Injured hand	9	1	3
Crocker, A. E.	Rosamond	Pains in kidneys	8	5	6
Crosby, P.	Wimmera	Broken bone in arm	12	19	0
Cunningham, S.	Manuka	Injured arm	21	9	0
Cunnold, F.	Squall	Red lumps on body	9	19	8
Cuthbert, T.	Rosamond	Bruised hand	10	7	6
Cuthbertson, D.	Pukaki	Influenza	9	16	6
Dale, E. J.	Manaia	Sprained ankle	15	7	6
Davies, R.	Whakatane	Rupture	5	17	6
Davis, G.	Talune	Abcess on knee	15	6	2
Davis, J.	Talune	Injured knee	8	12	4
Day, A.	Ngapuhi	Injured hand	8	1	10
Dean, W.	Mararoa	Cut wrist	6	17	4
Deans, J.	Mokoia	Burnt arm	8	4	6
Dempsey, J.	Maitai	Rheumatic fever	28	4	10
Devalie, G.	Haupiri	Injured finger	15	5	0
Dickson, J.	Monowai	Sprained ankle	4	2	9
Docherty, J.	Marama	Injured leg	19	6	6
Doherty, E.	Star of England	Rheumatic fever and appendicitis	44	6	0
Doherty, E.	Mararoa	Gastritis	49	17	0
Donachy, T.	Moeraki	Injured knee	6	14	2
Donald, W.	Clansman	Ricked back	14	1	2
Doyle, E.	Maori	Appendicitis	44	17	10
Eatham, A.	Rakiura	Inflammation of kidneys	45	13	6
Edgeworth, R.	Koonya	Crushed toe	11	13	8
Ellenderson, J.	Kapiti	Injured leg	26	9	7
Ellstrom, C. J.	Hina	Rheumatism	18	13	7
Ericksen, E.	Dandy	Injured foot	17	15	8
Evans, J.	Talune	Boils	39	19	10

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.
Flox, E. S.	Titania	Broken ribs	15	17	6
Forkes, H.	Petone	Hernia	16	7	0
Fox, E.	Arahura	Influenza	8	0	0
Francis, J.	Talisman	Crushed finger	12	14	10
Franklin, G.	Navua	Injured leg	9	17	6
Fryer, H. W.	Mokoia	Contused wounds	6	1	1
Fully, R.	Taniwha	Injured back	9	13	8
Gartrell, F.	Wahine	Measles	4	14	8
Geary, A.	Aparima	Tropical abscess on liver	11	15	0
Gendall, J.	Queen of the South	Severe cold	9	9	4
Gender, D.	Wahine	Pleurisy	30	12	0
Gibb, I.	Annie Hill	Pleuro-pneumonia	18	10	0
Gibson, R.	Eliza Firth	Boil on arm	15	6	6
Gillespie, —	Talune	Obstruction of bowels	9	6	0
Gillette, W. H.	Orari	Venereal disease	4	10	0
Goff, T.	Rakiura	Poisoned hand	13	0	9
Good, E. H.	Corinthic	Fractured rib	5	10	9
Goodings, S.	Waitemata	Injured head	15	2	4
Gossett, A.	Daphne	Crushed finger	8	0	10
Gowdy, E.	Corinna	Influenza	21	2	10
Graham, F.	Kapuni	Lumbago	19	9	0
Granquist, C.	Ngahere	Bronchitis	12	4	10
Gray, F.	Maori	Scalded hand	11	17	2
Gray, F.	Wahine	Strained back	12	4	3
Greene, N.	Maunganui	Eczema	10	4	4
Gregory, M.	Komata	Influenza	18	12	8
Guiton, S. J.	Sussex	Drowned	10	2	0
Hamlin, H. E.	Waitemata	Ill	23	8	5
Hansen, J.	Amelia Sims	Weak	7	5	4
Harris, K. R.	Makura	Burnt shoulder	4	7	6
Hastie, J.	Ngatoro	Bad cold	14	1	5
Hatfield, E. B.	Aupouri	Swollen leg	13	17	0
Hecht, E.	Hawera	Crushed foot	9	10	0
Hennessy, J.	Karamu	Injured wrist	17	6	4
Hensleigh, A.	Maheno	Illness	32	5	0
Heron, J.	Ulimaroa	Bronchitis	49	0	0
Hollis, W.	Queen of the South	Ulcerated stomach	18	10	8
Holyman, L.	Katoa	Injured finger	7	11	8
Howard, F.	Manaia	Pleurisy	12	11	2
Hughes, J.	Wairuna	Influenza	25	6	10
Hull, J. M.	Manaia	Swollen arm	8	6	6
Inverarity, A.	Maori	Kidney trouble	85	10	0
Ireland, J.	Pohereua	Injured knee	32	15	11
Jackson, A.	Holmdale	Crushed fingers	28	18	0
Jackson, B. E.	Kia Ora	Fractured hand	17	6	5
Jackson, —	Putiki	Injured arm	37	6	10
Jacobsen, P.	Tarawera	Injured leg	9	1	10
Jeffrey, J.	Kini	Burnt hands and face	13	14	4
Jensen, W. C.	Glenelg	Sprained heel	11	4	1
Jeromson, W. M.	Arahura	Hæmorrhoids	12	13	4
Johannsen, J.	Tally Ho	Poisoned hand	7	11	4
Johnson, A.	Mararoa	Poisoned arm	10	0	0
Johnston, J.	Kahu	Injured arm	6	18	0
Jonas, C.	Claymore	Injured foot	16	7	5
Jones, D.	Maunganui	Broken finger	13	19	4
Junay, F. C.	Mana	Appendicitis	7	4	0
Kennedy, J.	Wahine	Injured knee	13	19	2
Kenny, W.	Wairoa	Sprained back	16	12	6
Kippner, H.	Ulimaroa	Bronchitis	21	13	9
Kirk, I.	Petone	Piles	24	13	0
Kitto, A.	Kapiti	Anæmia	16	8	6
Knaggs, W.	Kawau	Injured hand	8	4	7
Kyle, B.	Stormbird	Injured wrist	8	9	6
Lang, R.	Atua	Bruised	8	2	4
Larsen, C. S.	Wakatu	Tonsilitis	10	0	0
Larsen, H.	Queensland	Sick	15	3	6
Laurison, S.	Anglo-Norman	Pneumonia	3	10	0
Leahy, A.	Ngatiawa	Poisoned finger	8	0	8
Leay, J.	Silverash	Ill	11	9	6
Leel, J.	Arahura	Injured wrist	7	8	0
Linn, A.	Ripple	Crushed	40	6	6
Lloyd, G.	Wootton	Appendicitis	17	0	0
Lockie, J. G.	Monowai	Poisoned leg	16	19	2
Lowe, C.	Hurunui	Pneumonia	17	7	0
Lowe, G.	Corinna	Rheumatism	24	3	4
Lund, E.	Will Watch	Strained back	5	10	10
Mack, P.	Moeraki	Burnt hand and arm	5	16	6
Mandell, H.	Wairau	Crushed finger	11	1	8
Mart, G.	Manuka	Poisoned arm	12	12	4
Martin, G.	Talisman	Bruised legs	7	0	0
Mason, G.	Maitai	Ear complaint	10	2	0
Matthews, R.	Opawa	Pains all over	9	4	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.
May, H.	Maori	Strained back	£ s. d. 5 13 0
Mayne, A.	Karori	Colic and cramp	10 11 4
Millar, J.	Manaroa	Injured ankle	10 18 4
Miller, L.	Taviuni	Blood-poisoning	14 2 4
Minchinton, G.	Annie Hill	Heart disease	8 12 0
Mitchelson, C.	Maheno	Pneumonia	31 15 6
Molloy, P.	Pateena	Hernia	26 13 5
Moore, G.	Kotare	Injured knee	6 19 10
Morgan, A.	Pateena	Tonsilitis	11 2 4
Morris, H.	Southern Isle	Injured finger	13 6 5
Morris, W.	Wairau	Injured knee	10 2 0
Morrison, E.	Manaia	Bruised back	7 0 4
Morrison, L.	Hina	Crushed finger	8 8 4
Morrison, W.	Monowai	Tonsilitis	7 17 6
Mortensen, F.	Squall	Poisoned thumb	18 3 0
Muller, J.	Arahura	Congestion of liver	43 12 0
Mulloy, P.	Ohinemuri	Gout	11 8 2
Munro, M.	Waitomo	Cut hand	4 8 0
Murphy, A.	Manuka	Injured arm	33 9 2
Murphy, J.	Moeraki	Poisoned foot	15 15 0
MacKenzie, K.	Warrimoo	Broken clavicle	13 3 0
McArthur, J.	Rosamond	Sprained ankle	10 2 8
McArthur, J.	Rosamond	Pains all over	10 4 6
McBain, T.	Wahine	Injured ankle	8 16 6
McCabe, F.	Karamu	Inflamed glands	9 6 0
McCallum, F. C.	Talune	Hernia	15 5 3
McCarthy, H.	Corinna	Muscular rheumatism	14 0 0
McDonald, H.	Maori	Sprained back	10 1 4
McDonald, J.	Ahuriri	Bruised side	50 2 6
McIntosh, J.	Kurov	Injured head	15 19 0
McIntyre, A.	Daphne	Injured head and arm	9 11 2
McKay, J.	Mokoia	Fracture of urethra	32 0 2
McKellar, A. A.	Terawhiti	Injured leg	19 9 10
McKenzie, Mrs. A.	Riverina	Cold	8 5 8
McKinnon, E.	Gifford	Ulcer on leg	21 9 4
McLellan, A.	Arahura	Orchitis	9 5 4
McLaughlin, D.	Corinna	Neuritis	14 14 6
McMullen, J.	Waimate	Poisoned finger	26 1 6
McQuarrie, N.	Waiotahi	Injured knee	7 17 10
Nathan, H.	Warrimoo	Severely bruised	14 8 6
Neil, R.	Wahine	Pleurisy and broncho-pneumonia	20 10 6
Nelson, A.	Waiapu	Bruised hand	9 1 6
Nelson, C.	Himitangi	Poisoned arm	7 4 0
Nicholls, C.	Hero	Injured hand	39 1 2
Nichols, G.	Holmdale	Asthma and pleurisy	18 4 0
Nicholson, H. A.	Ngatiawa	Injured leg	25 8 7
Nugent, J.	Moeraki	burnt face	9 1 10
O'Brien, J.	Koonya	Abscess on toe	12 18 0
O'Connor, A.	Waitomo	Broken bone in leg	38 11 4
O'Connor, D.	Corinna	Tonsilitis	17 19 10
O'Keefe, O. E.	Star of Australia	Internal pains	2 10 0
Oldfield, R.	Kawau	Burnt arm	8 0 3
Ornstein, J.	Squall	Burnt severely	22 3 8
Ostarach, W.	Kotare	Wry neck	7 10 4
Ottoson, O.	Kini	Appendicitis	7 19 8
Oughton, I.	Kini	Bronchitis	20 2 4
Outram, T.	Whakarua	Suspected smallpox	10 6 6
Page, C. H.	Aupouri	Bruised leg	10 7 9
Parker, R.	Clansman	Injured arm	5 12 10
Passum, B.	Clansman	Quinsy	6 7 4
Patterson, I.	Maori	Tonsilitis	11 0 4
Patterson, J.	Mararoa	Tonsilitis	10 1 2
Pearson, E.	Kaiapoi	Bruised finger	16 9 0
Pegg, N.	Kini	Hæmorrhage of lungs	15 6 0
Penno, E.	Gael	Swollen testicles	9 17 0
Phillips, J.	Taniwha	Crushed finger	25 9 4
Phillips, J.	Waitemata	Hernia	25 4 0
Pike, G.	Delphic	Smallpox	11 6 0
Power, H.	Pateena	Poisoned finger	7 15 5
Prentice, G.	Marama	Injured back	2 18 6
Prior, E.	Remuera	Scarlet fever	14 1 6
Rack, G.	Ngatiawa	Scalded neck and shoulders	15 0 11
Ramus, F. J.	Maitai	Poisoned finger	7 0 0
Reardon, J.	Victory	Injured ear	23 17 7
Revington, E. J.	Rakanoa	Amputated finger	40 18 1
Richmond, C. A.	Nikau	Strained back	12 13 8
Ritson, P.	Eliza Firth	Whitlow on finger	15 1 10
Roberts, O.	Marere	Internal injuries	50 0 0
Robertson, J.	Opawa	Injured eye	14 9 0
Roscoe, R.	Clan McInnes	Peritonitis	33 12 4
Ross, H.	Warrimoo	Septic knee	8 6 0
Ruddy, O.	Maunganui	Scalded	13 0 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.
Rummins, J.	Niagara	Broken ribs	3 10 6
Ryan, W.	Maitai	Ulcerated wound on hand	9 14 0
Saintsbury, F. H.	Ngapuhi	Severely shaken	11 16 8
Sands, A.	Opawa	Fractured pelvis	16 13 0
Santos, M.	Akaroa	Burnt face	8 15 2
Schmidt, H. E.	Aupouri	Injured head	36 9 10
Scott, R. E.	Kaao	Crushed finger	33 3 2
Shivers, A.	Kini	Broken ribs	13 11 6
Silverwood, T.	Mokoia	Poisoned hand	8 9 8
Simson, J.	Maunganui	Pneumonia	11 7 4
Skivington, F.	Aupouri	Injured foot	10 14 3
Sligo, A.	Manaia	Injured fingers	8 0 8
Smith, S.	Arapawa	Hæmorrhoids	12 9 2
Snell, J.	Pateena	Sciatica	16 9 0
South, H.	Mararoa	Neurasthenia	6 2 4
Spargo, W. W.	Navua	Burnt hand	17 11 2
Spriggs, E.	Monowai	Burnt by acid	11 9 10
Stevens, D.	Opawa	Hæmorrhoids	7 5 0
Stewart, A.	Wanaka	Injured head	14 10 4
Stidolph, F.	Pateena	Crushed foot	54 15 0
Stoddart, P.	Maitai	Injured leg	14 9 0
Stokes, G.	Aupouri	Injured hand	9 6 8
Stokes, J.	Waihora	Pains all over	29 13 8
Stresseman, A.	Zealandic	Rheumatic fever and abscess	18 11 0
Stuart, A. R.	Kauri	Crushed finger	29 14 10
Sullivan, W.	Monowai	Injured hand	10 18 8
Taylor, A.	Wakatere	Injured finger	6 12 5
Taylor, H.	Rotomahana	Crushed hand	22 1 10
Thomas, C.	Whakatane	Sprained ankle	7 1 0
Thomas, C.	Awaroa	Injured testicle	41 5 4
Thompson, C.	Kaituna	Nephritis	34 3 6
Thompson, H.	Tofua	Bruised	35 12 6
Thomsen, A.	Katoa	Accidental syphilis	51 9 8
Thomsen, F.	Kennedy	Injured forehead and eye	8 19 10
Tobin, J.	Monowai	Bronchitis	13 1 8
Todd, R.	Manuka	Strained back	35 10 2
Todd, W.	Wakatere	Poisoned hand	13 3 7
Topher, M.	Mapourika	Burnt hand and face	12 16 6
Tipton, J.	Whakarua	Suspected smallpox	10 6 6
Turnbull, J.	Ethel Wells	Injured finger	8 18 7
Turner, J.	Tarawera	Burnt arm	9 2 4
Tyas, M.	Rimutaka	Water on knee	6 12 0
Underwood, J. H.	Kereru	Poisoned thumb	28 7 6
Urquhart, A. W.	Rimu	Rheumatism	20 4 4
Vandersen, W.	Kaituna	Scalded	18 7 10
Walsh, W.	Moeraki	Lumbago	8 13 8
Warne, C.	Waitangi	Fractured ribs	20 6 0
Warwick, J.	Maitai	Cut hand	11 6 6
Watts, I.	Talune	Swollen feet	9 18 0
Wells, J. S.	Maori	Burnt face	9 4 6
Welson, C.	Kapuni	Injured head	4 15 2
Westrupp, J.	Wairoa	Crushed hand	7 13 9
Whilenis, —	Kurow	Rash on body	10 13 10
White, J.	Rarawa	Injured shoulder	17 7 4
Whitford, C.	Katoa	Injured fingers	11 18 2
Wilkins, H.	Monowai	Boil on knee	10 12 0
Willett, L. M.	Maori	Influenza	6 3 2
Williams, E.	Maori	Rheumatism	9 7 1
Williams, E.	Corinna	Intestinal obstruction	16 17 6
Williams, J.	Pateena	Poisoned hand	14 9 4
Williams, W. R.	Maori	Influenza	7 11 1
Wilson, M.	Arahura	General debility	8 13 0
Wilson, N.	Moeraki	Sprained wrist	7 2 8
Wilson, T.	Mapourika	Influenza	5 15 8
Winters, J.	Arapawa	Sprained shoulder	12 1 0
Wiram, E.	Te Aroha	Injured hand	20 4 7
Woodford, H.	Mararoa	Rheumatism	9 8 0
Woods, T.	John	Crushed finger	35 6 2
Worth, E. E.	Waimate	Stricture of bladder	16 10 0
Wright, A.	Maori	Tonsilitis	8 14 6
			£5,006 1 10

RETURN OF ACCIDENTS TO WATERSIDE WORKERS REPORTED TO THE MARINE DEPARTMENT DURING THE FINANCIAL YEAR ENDED 31st MARCH, 1914.

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.
1913.				
April 7	G. Minstons	Injured ankle	Greymouth	Slipped on deck of vessel.
" 12	J. E. Gunn	Broken shoulder-blade	Greymouth	Fell down hold of vessel.
" 23	G. Page	Fractured leg	Auckland	Some sacks of grain fell from a sling on to his leg.
" 25	F. Sherrod	Injured spine and pelvis	Wellington	Some cases fell on him from a sling.
" 29	F. Doherty	Injured leg	Wellington	A case slipped and fell on his leg.
May 3	J. Bowker	Injured leg	Wanganui	A basket of coal swung against his leg.
" 6	J. Hand	Injured hand	Greymouth	Got his hand nipped in chain sling.
" 8	J. Spangle	Poisoned thumb	Greymouth	Got his thumb jagged by winch-wire.
" 10	L. Thomas	Injured leg	Lyttelton	A sling of timber fell on his leg.
" 13	J. Cronin	Injured spine and internally	Wellington	A bundle of sheep-skins fell on him.
" 15	E. Shaw	Injured back	Bluff	He was knocked out of a truck.
" 19	C. Crawford	Injured back	Wellington	Fell from trolley-gangway on the wharf.
" 19	C. Chenevy	Injured wrist and shoulders	Lyttelton	A sling of timber knocked him out of railway-truck.
" 26	J. H. Davies	Injured hand	Greymouth	Was struck on the hand by a hook.
June 2	T. Barron	Injured back	Timaru	Ricked his back whilst lifting rails
" 2	J. Roberts	Injured fingers	Timaru	Got his finger jammed between a lump of coal and a basket.
" 2	G. Bentley	Injured finger	Timaru	Got his finger jammed between a sling of rails and a stanchion.
" 3	J. Cootes	Injured head and shoulder	Wellington	Whilst driving winch a block fell from aloft on to his head.
" 4	G. Watson	Injured head and shoulder	Greymouth	Got his finger cut by a piece of coal.
" 10	E. Gale	Injured head and shoulder	Greymouth	Jammed his finger in door of railway-wagon.
" 14	W. Harper	Injured foot	Lyttelton	He trod on a nail which pierced his foot.
" 19	A. Bailey	Broken ribs	Bluff	Some cases slipped from a sling and fell on him.
" 20	G. Tripp	Slight injuries	Oamaru	Fell down hold of vessel.
" 21	J. B. Radcliffe	Sprained ankle	Lyttelton	Fell off railway wagon on to wharf.
July 4	J. W. Coltze	Sprained wrist	Greymouth	He fell off a timber-wagon.
" 7	E. Marsden	Bodily injuries	Lyttelton	Mast of "Himitangi" gave way and some of the gear fell on him.
" 7	R. Oakley	Bodily injuries	Lyttelton	Mast of "Himitangi" gave way and some of the gear fell on him.
" 8	J. W. Brown	Crushed thumb	Greymouth	Got thumb jammed by fore-and-aft beam.
" 10	A. O'Connor	Killed	Wanganui	Crushed against coamings by sling of cargo. Verdict: Accident resulted from accident at winch while cargo being removed from hold.
" 16	William Pollard	Concussion and injured head	Wellington	He fell into bunker.
" 29	S. Grunnell	Injured head	Wellington	Whilst trucking coal, a railway-engine struck the staging and knocked him off.
" 29	H. Colthorpe	Injured arm	Dunedin	Whilst loading cargo he injured his arm.
Aug. 2	T. Mathieson	Injured fingers	Greymouth	He was struck by wagon-chains.
" 6	H. Miled	Internal injuries	Wellington	He was knocked off staging into a coal-hulk.
" 12	R. Mason	Strained arm	Greymouth	He had his arm jerked by yard-rope.
" 16	J. P. Desmond	Injured head	Greymouth	A piece of timber fell from a sling and struck his head.
" 16	B. Hands	Injured hand	Greymouth	Got his hand jammed between a sling of timber and the hatch-coamings.
" 19	F. Rosel	Injured hand	Greymouth	Jammed on gin-block.
" 26	J. McGinley	Injured leg	Greymouth	Was struck by capstan-rope.
" 30	P. Nelson	Injured foot	Greymouth	Fore-and-aft beam fell on his foot.
Sept. 2	A. Nicolson	Crushed foot	Bluff	Some timber fell on his foot.
" 5	F. Gilmore	Injured fingers	Wellington	Got his fingers jammed by a piece of timber against coamings.
" 16	R. Lloyd	Killed	Wellington	Verdict: "Killed by derrick falling on him; no blame attachable to any one."
" 18	R. McGimpsey	Bruised	New Plymouth	Some timber fell out of a sling and struck him.
" 26	D. McKenzie	Injured leg	Timaru	Whilst unloading potatoes a tier fell on his leg.

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.
1913.				
Oct.	E. Illingworth	Injured head and ankle	Lyttelton	Whilst receiving logs into railway-truck a log knocked him out of the truck.
" 3	L. Hall ..	Injured thigh ..	Greymouth	He fell off a railway wagon.
" 7	A. E. Jones ..	Injured hip and thigh	Greymouth	He fell on deck of vessel.
" 16	P. Magee ..	Lacerated thumb ..	Greymouth	Got his thumb jammed in brake of railway-wagon.
" 16	C. Nygren ..	Crushed foot ..	Greymouth	A casting fell on his foot.
" 24	W. Cahill ..	Broken collarbone ..	Russell	Some timber fell out of a sling and struck him.
" 29	T. Davies ..	Crushed fingers ..	Greymouth	He got his fingers jammed by wagon-buffers.
Nov.	E. Rod ..	Scalp wound ..	Wellington	He was knocked down by a bale of hemp.
" 21	T. Gordon ..	Crushed foot ..	Wellington	He got his hand caught between two bars of iron.
" 24	D. B. Mackersey	Crushed fingers	Timaru	A tray of oils landed on his foot.
" 25	D. Jones ..	Injured finger ..	Wellington	An empty hoghead fell on his finger.
" 26	A. Gordon ..	Dislocated shoulder	Wellington	Whilst receiving cargo he fainted and struck his head on the wharf.
" 27	J. Cain ..	Injured shoulder ..	Lyttelton	Fell off tramway into water.
" 27	T. Burton ..	Fractured jaw ..	Wellington	He slipped and fell.
" 29	C. Wilson ..	Cut head ..	Wellington	He got struck on the jaw whilst working cargo.
Dec.	G. Weekes ..	Injured foot ..	Lyttelton	A lump of coal fell from a basket and struck his head.
" 5	N. Paora ..	Injured head and back	Russell	A sleeper fell on his foot.
" 6	D. Brass ..	Broken leg ..	Wellington	Some timber fell out of a sling and struck him.
" 9	W. Whitford	Injured leg ..	Lyttelton	A cask of whisky fell out of a sling on to his leg.
" 11	H. Johnston ..	Injured leg ..	Wellington	Wire round a bundle of stakes pierced a vein in his leg.
" 12	F. Gilray ..	Injured leg ..	Lyttelton	A piece of iron fell from a sling and struck him.
" 12	C. Neilson ..	Injured leg ..	Wellington	Was struck on the leg by another worker's cargo-hook.
" 16	J. Guy ..	Fractured skull; fatal	Nelson	Was struck by a sling of bales of wool.
" 16	S. Moir ..	Scalp wound ..	Nelson	He fell down hold of vessel.
" 31	W. Wyatt ..	Injured shoulder and back ..	Wellington	He was struck on the head by a hook.
1914.				
Jan.	R. W. Cole	Fractured skull; fatal	Gisborne ..	He fell into hold of vessel.
" 16	R. McKenzie	Strained back ..	Timaru ..	Verdict: "Met his death by being struck by railway-iron whilst following usual occupation."
" 20	T. Faull ..	Injured ribs ..	Lyttelton	Whilst landing corn-sacks.
" 24	W. Hannam ..	Crushed fingers ..	Greymouth	He fell on wharf.
" 28	T. Simmonds	Injured head and shock	Wellington	Was jammed between some timber and the hatch-beams.
" 28	H. C. Cobb ..	Injured foot ..	Wellington	Whilst assisting to land an anchor the chain slipped and hit him on the head.
" 31	William Cook	Scalp wound ..	Wellington	A piece of timber fell on his foot.
Feb.	James Evans	Broken rib ..	Oamaru ..	Was struck on head by derrick.
" 6	P. Pantry ..	Bruised leg ..	Wellington	He was struck by a basket of coal.
" 9	S. Inghire ..	Injured leg ..	Wellington	He was struck on the leg by a cask of tallow.
" 18	W. White ..	Injured knee ..	Greymouth	Had his leg crushed against ship's side by a bale of wool.
" 19	F. McIntyre	Injured face ..	Greymouth	He slipped on deck of vessel.
" 24	E. Ferguson	Cut head and bruised	Dunedin ..	A sling of cargo knocked him off a railway-wagon.
" 25	J. Green ..	Bruised and cut back	Dunedin ..	He fell down hold of vessel.
Mar.	Captain Smith	Bodily injuries ..	Wellington	Whilst lowering a derrick it broke at the heel and pinned him against the mast.
" 12	F. Cole ..	Injured finger ..	Lyttelton	He fell down hold of vessel.
" 13	S. Smith ..	Shook ..	Wellington	His cargo-hook slipped and tore his finger.
" 16	E. Facer ..	Injured back ..	Port Chalmers	A box fell from a stack and struck his hip.
" 21	W. Shutter	Crushed toes ..	Lyttelton	Whilst receiving sleepers into a truck he injured his back.
" 23	E. H. Fitzwater	Injured leg ..	Patea	Some pipes rolled on to his foot.
				A barrel of tar rolled on to his leg.

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, 1914.

Name of Person.	Position held.	Ship.	Particulars of Offence, &c.	Date of Conviction.	Penalty Imposed.
Bevan, T. I.	Fireman	Rotorua	Desertion	11 2 14	Fined 7s. and one month's imprisonment.
Brines, A.	"	Orari	Absent without leave	6 2 14	Fined 7s. and placed on board ship.
Broone, M.	A.B.	Tainui	"	3 4 13	Fined 10s. 8d. and put on board ship.
Browning, G.	"	Surrey	Disobedience	22 5 13	Fined 11s. or two days' imprisonment.
Burrell, A.	"	Delphic	Stealing whisky	13 8 13	Fourteen days' imprisonment.
Carroll, M.	Fireman	Taheroi	Absent without leave	5 4 13	Fined 7s.
Craig, J.	"	Suffolk	Assaulting second engineer	30 7 13	Fined £2 or one week's imprisonment.
Culliffe, J. M.	O.S.	Tongariro	Desertion	9 4 13	One month's imprisonment.
Donwell, H.	A.B.	Surrey	Absent without leave	22 5 13	Fined 11s. or two days' imprisonment.
Driscoll, D.	Trimmer	Turakina	Desertion	7 3 14	Fined 7s. and one month's imprisonment.
Farrell, J.	O.S.	Clan MacInnes	Absent without leave	20 8 13	Seven days' imprisonment and to be returned to ship.
Gartland, T.	A.B.	"	"	20 8 13	To be placed on board ship.
Hempson, R.	Fireman	Ruapehu	"	27 2 14	Fined 7s. and placed on board ship.
Huckle, William	Quartermaster	Delphic	Stealing whisky	13 8 13	Fourteen days' imprisonment.
Jones, R.	A.B.	Surrey	Disobedience	22 5 13	Fined 11s. or two days' imprisonment.
Kayter, C. T.	"	Ruapehu	Desertion	6 12 13	One month's imprisonment.
Kennedy, A.	Fireman	Waimana	Absent without leave	9 4 13	Fourteen days' imprisonment.
Kerr, T.	"	Zealandic	"	24 12 13	Fined £1 0s. 4d., and placed on board ship.
O'Connor, J.	"	Orari	"	6 2 14	Fined 7s. and placed on board ship.
Phipps, E.	"	Delphic	Disobedience	10 2 14	Fined 17s. and placed on board ship.
Price, W.	Quartermaster	Pakeha	Theft of clothing	13 8 13	Fourteen days' imprisonment.
Rees, G...	Fireman	Orari	Desertion	9 4 13	One month's imprisonment.
Robertson, A.	A.B.	Annie Hill	Absent without leave	9 2 14	Fined 7s. and placed on board ship.
Rudinger, A.	Cook	Turakina	Wilful disobedience	24 3 14	Fined £1. and 7s. costs.
Scherff, G.	Fireman	Surrey	Disobedience	10 12 13	Fined 11s. or two days' imprisonment.
Scidon, J.	A.B.	Westmeath	Assaulting a trimmer	22 5 13	Fined £2 or seven days' imprisonment.
Smith, W.	Fireman	Surrey	Assault	17 3 14	Ten days' imprisonment with hard labour.
Stacey, T.	"	Tainui	Absent without leave	3 4 13	Fined 10s. 8d. and placed on board ship.
Storey, C. T.	"	Ruahine	Desertion	Fined 7s.	
Szagan, F.	Fireman	Star of Australia	Absent without leave	3 3 14	Fined 7s. and placed on board ship.
Tarran, S.	Trimmer	Zealandic	"	24 12 13	Fined 13s. 8d. and placed on board ship.
Thomas, H.	Seaman	Tongariro	Desertion	9 4 13	One month's imprisonment.
Tyrus, A. L.	Fireman	Whakatia	Disobedience	4 6 13	Fined 7s. and placed on board ship.
Waterfield, A.	"	Mamari	Desertion	2 4 13	Wages forfeited.
Williams, E.	A.B.	Remuera	Absent without leave	3 7 13	Fined 10s. 4d. and placed on board ship.

RETURN SHOWING THE NOTICES TO MARINERS RELATING TO MATTERS WITHIN THE DOMINION
ISSUED BY THE MARINE DEPARTMENT DURING THE YEAR ENDED 31ST MARCH, 1914.

Port or Place.	Subject of Notice.
Auckland Harbour	Prohibited anchorages.
"	Light on Queen Street Wharf.
"	Coal-hulk anchorage.
"	Dredging in Mechanics Bay.
"	Protected anchorage for yachts.
"	Cable off Takapuna Beach.
"	Queen Street Wharf: Removal of inner western tee.
"	D'Urville Rocks beacon.
"	Fog-horn on Railway Wharf.
"	Bean Rock light.
"	Distinguishing lights for wharves.
"	Change in name of harbour wharves.
"	Reserving channel, Freeman's Bay.
"	Dredger moored off Albert Wharf.
"	Western tide-deflector.
"	Dredging off Queen's and Hobson Wharves.
"	Removal of buoys, Kaipara Shoal and Calliope Dock.
"	Removal of rocks and erection of beacons, Lucas Creek.
"	Erection of dolphins in Mechanics Bay.
"	Foul ground off Kohimarama Wharf.
Bluff Harbour	Dredging.
"	Amended position of beacons.
Gisborne	Inner Harbour: Training-wall lights.
"	Caution <i>re</i> breakwater-extension.
"	Tuahine Point light.
"	Amended anchorage-bearings off Young Nick's Head.
"	Leading beacons and lights for entrance channel.
Hokianga Harbour	Shoal off bar.
"	Soundings on bar.
"	Shoal off bar.
"	Shoal off Opononi Harbour.
Hokitika	Harbour lights.
Kaipara Harbour	Shelly Beach beacon light.
"	Helensville Creek beacon light.
"	Soundings on bar.
"	Helensville Creek beacon displaced.
Karamea Harbour	Signals.
"	Light removed.
Lyttelton Harbour	Sumner Estuary buoy.
"	Baleine Point beacon.
"	White patch on Godley Head.
"	Discontinuance of signal-station on Cave Island, Sumner.
Napier	Removal of roadstead buoy.
"	Erection of new light.
"	Erection of new light.
New Plymouth	Light on breakwater.
New Zealand coast	Light on Chicken Island, erection of.
"	Light on Chicken Island, date of exhibition.
"	Light on Chicken Island, height of.
"	Bushett Rocks, off Cheviot.
"	Charts: Caution when changing from old to recent survey.
"	Karori Rock light.
"	Telephone facilities at Port Hardy and Whareatea Bay.
"	<i>Errata</i> : Tables for Azimuth and Great Circle Sailing, 1911 edition, and "New Zealand Nautical Almanac" for 1914.
"	"New Zealand Nautical Almanac and Tide Tables" for 1914, and supplement to "New Zealand Pilot," eighth edition, 1908.
"	<i>Errata</i> : "New Zealand Nautical Almanac," 1914.
"	Caution to be exercised by merchant ships approaching British ports.
"	Nautical publications.
Otago Harbour	Beacon light, Quarantine Island.
"	Leading-lights.
Picton Harbour	New Railway Wharf.
Tauranga Harbour	Removal of buoy off Whareroa.
Timaru Harbour	Proposed extension of eastern extension mole.
"	Discontinuance of fog-signal on Patiti Point.
Tokomaru Bay	Leading-lights.
Wairau Harbour	Night-signals for vessels taking bar.
Wairoa River, Hawke's Bay	Light at heads.
Wellington Harbour	Telephone cables.
"	Erection of beacon and removal of buoy.
"	Lights on Seatoun and Karaka Bay wharves.
"	Wreck of s.s. "Devon" at entrance.
"	Proposed new leading-lights.
"	Lighted buoy, main-channel entrance.

RETURN SHOWING THE ORDERS IN COUNCIL WHICH HAVE BEEN ISSUED DURING THE YEAR
ENDED THE 31ST MARCH, 1914.

Date of Order.	Purpose of Order.
1913.	
April 12	Approves plan in lieu of M.D. 3754 of Onehunga Borough Council and Mangere Road Board's bridge over part of Onehunga Harbour.
" 12	Approves plan of gantry for McCallum Bros., in St. George's Bay, Auckland Harbour.
" 12	Approves plan of bridge for Dargaville Timber Company over Whapu Creek.
" 12	Approves plan of rubble walls of boat-harbour for Otago Harbour Board.
" 12	Approves plan of temporary viaduct in Anderson's Bay for Otago Harbour Board.
" 12	Approves plan of extension of training-wall on north bank of Waipu River, and authorizes Waipu River Board to construct same.
" 12	Licenses Mauku Road Board to occupy foreshore, Waiau Pa, Manukau, as site for wharf.
" 23	Approves plans of jetty for Akaroa Borough Council at Daly's Wharf.
" 23	Licenses Akaroa Borough Council to occupy foreshore, Akaroa Harbour, as site for wharf.
" 23	Approves plans of wharf for W. C. Arkle, at Mount Albert, Lake Wanaka, and licenses him to occupy necessary foreshore.
" 23	Approves plan of renewal of part of Matakoho Wharf for Otamatea County Council.
May 9	Revokes Order in Council licensing A. Miller to occupy foreshore, Croixelles Harbour as site for wharf.
" 9	Approves plans of piles to be placed between Nos. 2, 3, and 4 jetties by Auckland Harbour Board.
" 15	Removes J. Foster and A. C. Hansen from position as members of Westport Harbour Board.
" 15	Appoints H. Gillen, J. H. Greenwood, and W. R. Simpson to be members of Westport Harbour Board.
" 21	Licenses F. D. S. Neave to occupy foreshore, Titirangi Bay, as site for wharf.
" 21	Amends scale of dues for Waitapu Wharf.
" 26	Amends regulations <i>re</i> taking seals.
" 26	Prescribes a close season for seals.
June 3	Revokes Order in Council licensing W. D. Meiklejohn to occupy foreshore, Rangitoto, as site for wharf.
" 3	Makes special order authorizing Otago Harbour Board to reclaim land in Koputai Bay, Otago Harbour.
" 3	Approves Westport Harbour Board expending £100 on alteration of pan-closet system at Westport Workshops.
" 11	Declares part of Whangaruru Harbour to be oyster-fishery for Maoris only, and makes regulations for preventing sale of oysters taken from such fishery.
" 11	Approves plan of wharf for Hobson County Council at Mapuna, Kaipara.
" 11	Licenses Hobson County Council to occupy foreshore at Mapuna, Kaipara, as site for wharf.
" 11	Revokes Order in Council licensing W. J. Bray to occupy foreshore, Mangonui Harbour.
" 11	Approves plan of proposed dredging to be carried out by Nelson Harbour Board.
" 11	Approves plan M.D. 4064 of widening of Lagoon Dock entrance at Greymouth.
" 11	Approves plan of reinforced-concrete head of wharf for Mokau Harbour Board.
" 11	Amends regulations prescribing close season for seals.
" 16	Licenses T. M. Lane and Sons to occupy foreshore Whangaroa Harbour, as site for sawmill and shed.
" 16	Licenses New Zealand Paper Mills (Limited) to occupy foreshore, Auckland Harbour, as site for wharf.
" 16	Approves plan M.D. 4058 of wharf for Otamatea County Council at Batley.
" 16	Licenses Otamatea County Council to occupy foreshore at Batley as site for wharf.
" 23	Makes regulations for the protection of life and property on ships.
" 23	Appoints A. L. Kemp to be wharfinger of Government wharf at Karamea.
" 23	Approves plans of Toka Toka Wharf for Otamatea County Council.
" 23	Licenses Otamatea County Council to occupy foreshore at Toka Toka as site for wharf.
July 1	Grants Mrs. M. M. Partington, widow of D. Partington, Principal Keeper at Godley Head Lighthouse, a gratuity of £270.
" 1	Amends Order in Council fixing lighthouse dues.
" 1	Approves plan M.D. 4004 of extension of southern training-wall for Hokitika Harbour Board.
" 1	Approves plan of timber-booms for T. Hartley and Son on Mangamuka River.
" 1	Licenses T. Hartley and Son to occupy foreshore on Mangamuka River for site for timber-booms.
" 1	Approves plan of fish-shed for Pasco Bros. at Half-moon Bay.
" 1	Licenses Pasco Bros. to occupy foreshore at Half-moon Bay as site for fish-shed.
" 7	Prohibits netting in part of Lake Wakatipu.
" 7	Approves plans of repairs and additions to Mangonui Wharf.
" 14	Makes regulations <i>re</i> whitebait-fishing in Hawke's Bay District.
" 14	Vests wharf at Maraetai in Maraetai Road Board, and prescribes dues for same.
" 14	Approves plans of boat-jetty for Waiapu County Council at Te Araroa.
" 14	Licenses Waiapu County Council to occupy foreshore at Te Araroa as site for boat-jetty.
" 14	Licenses Barrier Reefs Gold-mining Company (Limited) to occupy foreshore at Whangaparapara as site for wharf.
" 14	Approves plan of gridiron for Auckland Harbour Board in Judge's Bay.
" 14	Approves plan of suction-pipe for C. J. Clark's baths at Lyall Bay.
" 14	Approves plans of extension of upper jetty, Lyttelton Harbour.
Aug. 4	Approves plans of wharf for I. W. Turner at Admiralty Bay, French Pass.
" 4	Licenses I. W. Turner to occupy foreshore at Admiralty Bay, French Pass, as site for wharf.
" 4	Approves plans of repairs to Manukau County Council's twin bridge over Tamaki River at Otahuhu.
" 4	Approves plans of extension of Whangarei Town Wharf.
" 4	Approves plans of sewage-pipe over Awaroa Creek for the Helensville Town Board.
" 4	Approves plans of Peter Hansen's blacksmith's shop and foundry at Rawene.
" 4	Licenses Peter Hansen to occupy foreshore, Rawene, as site for blacksmith's shop and foundry.
" 4	Revokes Order in Council licensing Kauri Timber Company to occupy foreshore, Hokianga.
" 4	Modifies dues for Hokianga County Council's wharf at Kohukohu.
" 11	Fixes wharfage and storage dues for use of Government wharf at Karamea.
" 18	Amends regulations under the Fisheries Act, 1908, <i>re</i> marking and registration of fishing-boats.
" 18	Declares date from which certain sections of Imperial Seal Fisheries Act, 1912, shall apply to New Zealand.
" 18	Licenses Nobel's Explosives Company to occupy foreshore, Maraetai Bay.
" 18	Licenses G. R. Fellowes to occupy foreshore outside Manukau Harbour, as shown on plan M.D. 4081.
" 18	Approves plans of club-house for New Brighton Surf and Life-saving Club.
" 25	Revokes Order in Council licensing J. Harrison to occupy foreshore at Aratapu as site for wharf.
" 25	Makes regulations as to whaling under New Zealand Fisheries Amendment Act, 1912.

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

Date of Order.	Purpose of Order.
1913.	
Sept.	1 Makes regulations <i>re</i> carrying explosives on fishing-boats.
„	1 Approves plans of bridge over Tamaki River at Panmure, and authorizes Manukau County Council to construct same.
„	2 Appoints Royal Commission <i>re</i> administration of Westport Harbour Board.
„	8 Revokes Order in Council licensing T. Hartley and Son to occupy foreshore, Hokianga River, as site for timber-booms.
„	8 Approves plans of bridge over Otokia River, and authorizes Taieri County Council to construct same.
„	8 Approves plans of launch-jetty at St. Mary's Bay, Auckland Harbour, for Auckland Harbour Board.
„	8 Approves of gridirons in St. Mary's Bay, Auckland Harbour, for Auckland Harbour Board.
„	8 Fixes light dues for Whitianga, Mercury Bay.
„	10 Extends close season for oysters at Nelson till the 7th September, 1914.
„	15 Amends regulations <i>re</i> netting in Buller or Orowaiti Rivers.
„	15 Revokes Order in Council prescribing close season for whitebait in Waikato River.
„	15 Licenses F. W. Arnold to occupy foreshore at Whangaroa as site for store and fish-shed.
„	29 Approves plans of wharf and shed on Marakopa River.
„	29 Licenses trustees to occupy necessary foreshore at Marakopa as site for wharf and shed.
„	29 Extends time in which Westport Harbour Board Commission shall report.
„	29 Amends regulations <i>re</i> trout-fishing in Wellington Acclimatization District.
„	29 Approves plans of wharf at Birkdale, Auckland Harbour.
„	29 Licenses trustees to occupy necessary foreshore at Birkdale, Auckland Harbour, as site for wharf.
„	30 Revokes Order in Council licensing Akaroa Boating Club to occupy foreshore at Akaroa as site for shed and slip.
„	30 Approves plans of new shed at Akaroa for Akaroa Boating Club.
„	30 Licenses Akaroa Boating Club to occupy foreshore at Akaroa as site for boat-shed and slip.
Oct.	6 Prohibits the taking of toheroas for canning or sale from a certain part of Kaipara Beach.
„	6 Approves plans of boat-shed and skids for the Richmond Cruising Club off Sloane's Beach, Ponsonby, Auckland Harbour.
„	6 Licenses Richmond Cruising Club to occupy foreshore, Auckland Harbour, as site for boat-shed and skids.
„	6 Approves plans of causeway for Christchurch Tramway Board across Avon and Heathcote River Estuary.
„	13 Alters regulations for trout-fishing in the Auckland Acclimatization District.
„	13 Amends dues for use of Government wharf at Karamaea.
„	13 Licenses D. M. McIntosh to occupy foreshore at Totara North, Whangaroa Harbour, as site for wharf.
„	16 Extends time within which the Westport Harbour Board Commission shall report to the 10th day of November, 1913, and confirms the said Commission.
„	20 Approves Westport Harbour Board expending £36 on ten new sheets of tarpaulins for use on Westport section of railway.
„	20 Makes regulations <i>re</i> wireless telegraphy on ships.
„	27 Appoints Jesse Steer, of Greymouth, to be a member of the Greymouth Harbour Board, <i>vice</i> the Hon. Sir Arthur R. Guinness, Kt., M.P., deceased.
„	27 Approves plans of wharf, breastwork, and reclamation for Whakamarama Land and Timber Company (Limited), on the Te Puna River, Tauranga Harbour.
„	27 Licenses Whakamarama Land and Timber Company (Limited), to occupy foreshore Te Puna River, Tauranga Harbour, as site for wharf, breastwork, and reclamation.
Nov.	3 Declares Kia Kia Bay, Kaipara Harbour, as oyster-fishery wherein Maoris only may take oysters for their own food.
„	3 Vests management of Rawene Wharf in Hokianga County Council.
„	3 Approves plan M.D. 4163 of breastwork for Napier Harbour Board in Iron Pot, Napier.
„	10 Prohibits acclimatization societies selling licenses to take trout outside their own districts.
„	10 Approves plan of wharf-extension and breastwork at Whangarei Wharf, together with launch-wharf, for Whangarei Harbour Board.
„	10 Approves plan of slip for W. H. Brown and Sons at Northcote, Auckland Harbour.
„	17 Approves plan of jetty for Auckland Harbour Board at Parnell, Auckland Harbour.
„	17 Approves plan of scow-landings for Auckland Harbour Board at Devonport, Auckland Harbour.
„	24 Amends scale of dues for Howick Wharf.
„	24 Approves plan M.D. 4187 of drainage from Knox's Home into Tamaki River, Auckland Harbour, subject to certain conditions being complied with.
Dec.	8 Vests management of wharf at Taura Kuri Bay, in Whangarei Harbour Board.
„	8 Licenses Kauri Timber Company to occupy foreshore, Whenuakite River, as site for timber-booms.
„	8 Approves plan M.D. 4194 of staging for Greymouth Harbour Board on western side of entrance to Lagoon Dock at Greymouth.
„	8 Revokes Order in Council licensing John Anton Subritzky to occupy foreshore Rangaunu Bay as site for wharf.
„	8 Licenses Northern Steamship Company (Limited) to occupy foreshore, Rangaunu Bay, as site for wharf, and prescribes dues for use of the wharf.
„	8 Vests management of wharf at Waitangi, Chatham Islands, in C. Wishart, T. P. G. Miller, J. J. Fougere, and F. Regnault as trustees, and prescribes dues for use of wharf.
„	8 Revokes Order in Council licensing Messrs. Henry Bates and William Hudson to occupy foreshore at Preservation Inlet as site for wharf.
„	8 Approves plans of wharf for Dominion Portland Cement Company in Whangarei Harbour.
„	8 Licenses Dominion Portland Cement Company to occupy foreshore in Whangarei Harbour as site for wharf.
„	8 Revokes Order in Council of the 1st September, 1913, approving plans of new bridge over Tamaki River at Panmure for Manukau County Council, and in lieu thereof approves plans M.D. 4094, subject to the condition that a swing span is provided.
„	8 Approves plans of wharf for Gamman's, Tauranga (Limited), at Tauranga.
„	8 Licenses Gamman's, Tauranga (Limited), to occupy foreshore, Tauranga Harbour, as site for wharf.
„	8 Approves Westport Harbour Board expending £135 on erection of a covering over the "gallows" at the Westport Railway Workshops.
„	15 Approves plans of wharf for Auckland Harbour Board at Te Atatu Point.
„	15 Vests management of Kohukohu Wharf in Hokianga County Council.
„	15 Licenses Akaroa Borough Council to occupy foreshore at Akaroa as site for a wharf, and prescribes dues for the use of the wharf.
„	15 Approves plans of shed and tramway for Mrs. L. J. N. Jarvie at Kawerua, Hokianga.
„	15 Licenses Mrs. L. J. N. Jarvie to occupy foreshore at Kawerua as site for shed and tramway.
„	15 Vests management of wharf and boat-slip at Kaikoura in the Kaikoura County Council.

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

Date of Order.	Purpose of Order.
1914.	
Jan.	21 Approves plans of Messrs. F. Cooke, G. Hamill, and W. Brooke-Taylor's yacht-slips at Balena Bay, Wellington.
„	21 Modifies license for tramway across the New River Estuary.
„	21 Makes regulations under the Fisheries Act, 1908, re “long-line” fishing.
„	21 Licenses Messrs. W. and R. Fletcher (Limited) to occupy foreshore in Whangarei Harbour as site for a wharf.
„	21 Approves plans of Messrs. W. and R. Fletcher's (Limited) wharf in Whangarei Harbour.
„	21 Amends Order in Council vesting management of Aratapu Wharf in certain persons.
„	21 Approves plans of Messrs. Archibald Bros.' Brick and Pipe-making Works, Whau Creek, Auckland Harbour.
„	21 Licenses Messrs. Archibald Bros. to occupy foreshore on Whau Creek, Auckland Harbour, in connection with their brick- and pipe-making industry.
„	24 Approves plans of the White-pine Company's wharf at Naumai, Tokatoka, Northern Wairoa.
„	24 Licenses White-pine Company to occupy foreshore at Naumai, Tokatoka, Northern Wairoa.
Feb.	6 Approves plans of Auckland Harbour Board's wharf (Central Wharf), in Auckland Harbour.
„	26 Approves plans of T. S. Davies' jetties at Kaioperepe, Queen Charlotte Sound.
„	26 Licenses T. S. Davies to occupy foreshore at Kaioperepe, Queen Charlotte Sound, as site for jetties.
„	26 Licenses J. H. McCarroll to occupy foreshore at Wairoa River, Kaipara, as site for wharf.
„	26 Approves plans of Northern Steamship Company's wharf at Kaituna River.
„	26 Licenses Northern Steamship Company to occupy foreshore, Kaituna River, as site for wharf.
March	4 Revokes Order in Council licensing the Akitio-Totara Sawmilling Company (Limited) to occupy foreshore as site for a wharf.
„	14 Approves plans of Waitemata County Council's wharf at Silverdale, Wade River.
„	14 Licenses Waitemata County Council to occupy foreshore at Silverdale, Wade River, as site for wharf.
„	14 Approves plans of repairs and renewals to the Tairua Wharf.
„	14 Approves plans of J. H. Redwood's wharf at Okoha, Pelorous Sound.
„	14 Licenses J. H. Redwood to occupy foreshore at Okoha, Pelorous Sound, as site for a wharf.
„	14 Approves plans of the extensions to Hobson County Council's wharves at Dargaville.

RETURN SHOWING THE NUMBER OF LAND BOILERS AND MACHINERY FOR WHICH CERTIFICATES WERE ISSUED DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

Boilers.

Class.				Not exceeding 5 Horse-power.	Exceeding 5 but not exceeding 10 Horse-power.	Exceeding 10 Horse-power.	Total.
Stationary	...	...	...	2,275	949*	1,963	5,187
Portable	...	...	...	178	1,207	464	1,849
Totals	...	...	...	2,453	2,156	2,427	7,036

Machinery.

Class.							Number.
Hydraulic lifts	...	...	...	...	...	...	185
Gas-lifts	...	...	...	...	...	...	30
Electric lifts	...	...	...	...	...	...	421
Steam-lifts	...	...	...	...	...	...	37
Oil-lifts	...	...	...	...	...	...	6
Gas, hydraulic, and electric-motor hoists	...	...	...	...	...	...	422
Water-engines, water and electric motors, and water-wheels	...	...	...	...	...	...	2,347
Peltons	...	...	...	...	...	...	285
Turbines	...	...	...	...	...	...	101
Gas-engines	...	...	...	...	...	...	1,400
Oil-engines	...	...	...	...	...	...	3,755
Steam machinery	...	...	...	...	...	...	41
Total	...	...	...	...	...	...	9,030

Summary.

Boilers	...	...	...	...	...	...	7,036
Machinery	...	...	...	...	...	...	9,030
Total	..	...	...	...	...	...	16,066

RETURN SHOWING THE FEES PAYABLE FOR THE INSPECTION OF BOILERS AND MACHINERY, AND FOR THE ISSUE OF ENGINE-DRIVERS' AND ELECTRIC-TRAM DRIVERS' CERTIFICATES DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

Fees payable—On boilers, £7,951 10s.; on machinery, £2,980 5s.; for engine-drivers examined, £741; for electric tram drivers examined, £143: total, £11,815 15s.

The actual receipts during the financial year were—For boilers and machinery, £11,732 2s. 6d.; for examination of engine-drivers and electric-tram drivers and renewal certificates, £926 15s.; total, £12,658 17s. 6d.

RETURN SHOWING THE NUMBER OF SERVICE AND COMPETENCY CERTIFICATES ISSUED TO WINDING, LOCOMOTIVE, TRACTION, AND STEAM STATIONARY ENGINE DRIVERS, AND TO ELECTRIC-TRAM DRIVERS, DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

Class of Certificate.				Number of Certificates issued.	Fees received.	Total.	
						Number of Certificates issued.	Fees received.
Steam stationary—					£ s. d.		£ s. d.
Service—First class	...	...	...	11	2 15 0	...	...
Competency—							
Extra first class	...	...	...	8	8 0 0	...	...
First class	...	...	...	70	70 0 0	...	...
Second class...	...	...	...	240	240 0 0	329	320 15 0
Steam winding—							
Competency	...	...	...	16	16 0 0	...	...
Electric winding—							
Competency	...	...	...	45	45 0 0	61	61 0 0
Locomotive and traction—							
Competency	...	...	...	184	184 0 0	184	184 0 0
Electric-tram—							
Competency	...	...	...	122	122 0 0	122	122 0 0
						696	£687 15 0

RETURN OF NON-FATAL ACCIDENTS IN CONNECTION WITH MACHINERY DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

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.
George Kent and Sons, Newmarket ..	Dough-mixer ..	Joseph Parkes ; 29 years ..	3rd April, 1913 ; elbow and shoulder injured ..	Parkes was explaining to Mr. Kent a defect in the machine. He had his arm through two cog-wheels when another employee inadvertently started the machine, causing Parkes's arm to be drawn into the machine.
D. Goldie and Sons, Auckland ..	Gang-saw ..	J. Griffin ; 42 years ..	3rd April, 1913 ; jaw injured ..	While working at the saw a piece of timber flew off, striking Griffin on the face.
F. J. Lake, Dunedin ..	For squeezing on bottom of tea-tins ..	J. M. Sutherland ; 14 years ..	4th April, 1913 ; fingers injured ..	Sutherland's left hand was caught in the machine.
New Zealand Paper-mills (Limited), Auckland ..	Papermaking ..	Claude Rae ; 20 years ..	7th April, 1913 ; fingers injured ..	When passing paper through, Rae's right hand got crushed between the rollers.
The Empire Box-making Company (Limited), Wellington ..	Boxmaking ..	M. Lyons ; 18 years ..	14th April, 1913 ; fingers injured ..	Lyons got her right hand in the machine and had her fingers crushed.
S. Luke and Co. (Limited), Wellington ..	Radial drill ..	Arthur George ; 17 years ..	16th April, 1913 ; fingers injured ..	While working at the drilling-machine George stumbled, and, to save himself, he thrust out his arm, when his fingers came into contact with the gearing of the machine.
A. and T. Burt (Limited), Dunedin ..	Turret lathe ..	Thomas Dwyer ; 18 years ..	19th April, 1913 ; fingers injured ..	Dwyer was cleaning a lathe while it was in motion when he got the fingers of his left hand into the gearing.
The Wellington Woollen-manufacturing Company (Limited), Wellington ..	Spinning-mule ..	Amy Devonport ; 15 years ..	21st April, 1913 ; fingers injured ..	Devonport's fingers were cut between pulley and rope of the spinning-machine.
Cossens and Black (Limited), Dunedin ..	Circular saw ..	L. H. Schaumann ; 20 years ..	24th April, 1913 ; thumb injured ..	Schaumann's left hand came in contact with the saw.
A. and T. Burt (Limited), Dunedin ..	Turret lathe ..	F. Gillespie ; 15 years ..	25th April, 1913 ; thumb injured ..	While working at the lathe Gillespie's thumb slipped between the lathe-chuck and the rest.
New Zealand Paper-mills (Limited), Auckland ..	Paper-mills ..	W. R. Young ; 60 years ..	9th May, 1913 ; fingers injured ..	Young's fingers were caught in the gearing of the machine, and crushed.
Griffin and Sons (Limited), Nelson ..	Dough-mixer ..	F. Wyatt ; 20 years ..	9th May, 1913 ; hand injured ..	Wyatt's left hand was crushed while working at the mixer.
S. Luke and Co. (Limited), Wellington ..	Circular saw ..	L. Barber ; 21 years ..	19th May, 1913 ; finger and thumb lost ..	Barber's right hand came into contact with the saw.
New Zealand Portland Cement Company (Limited), Limestone Island ..	Stone-grinding ..	A. Grimshaw ; 23 years ..	24th May, 1913 ; leg injured ..	When working at machine Grimshaw's left foot was caught in revolving wheel, breaking his leg below the knee.
Kauri Timber Company (Limited), Auckland ..	Sawmill ..	Charles Bonella ; 35 years ..	30th May, 1913 ; body injured ..	In attempting to put on a belt while the machinery was in motion, Bonella's clothing was caught up by the shaft. His left leg and a rib were broken and his collar-bone splintered.
D. Goldie and Sons, Auckland ..	Sawmill ..	Charles Renner ; 47 years ..	31st May, 1913 ; hand injured ..	A piece of the timber Renner was sawing was thrown back from the saw, and struck his hand, tearing the skin from the back of it.
W. H. March, Christchurch ..	Gas-engine ..	Charles Allpress ; 56 years ..	2nd June, 1913 ; leg injured ..	Part of the sole-plate of the engine struck Allpress. The accident was caused by a gas-explosion.
A. and T. Burt (Limited), Dunedin ..	Turret lathe ..	Charles Weitzell ; 38 years ..	9th June, 1913 ; fingers injured ..	When working at a lathe Weitzell's left hand was caught between rest and chuck.
A. and T. Burt (Limited), Dunedin ..	Planing ..	David Shaw ; 20 years ..	11th June, 1913 ; leg injured ..	While planing a joist Shaw's left leg was caught between machine and a joist.
A. and T. Burt (Limited), Dunedin ..	Turret lathe ..	George Ristor ; 16 years ..	11th June, 1913 ; thumb injured ..	Ristor's left hand was caught in the chuck of the lathe, causing injury to his thumb.
A. and T. Burt (Limited), Dunedin ..	Grain-elevator ..	William Milward ; 22 years ..	18th June, 1913 ; leg injured ..	While working at the elevator Milward's left leg was caught in the rollers.

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.
James McAndrew and Co. (Limited), Paeroa	Woodworking	Sydney Prisk; 23 years	19th June, 1913; hand injured	When working at a "buzzer" Prisk's hand slipped and came into contact with the knife of the machine.
New Zealand Loan and Mercantile Agency Company (Limited), Well- ington	Electric lift	Edward Luttrell; 23 years	23rd June, 1913; toe injured	Through the gate of the lift not being shut, Luttrell's foot protruding over the edge of the cage, his toe was jammed between the lift and the floor.
Leonard Bros., Balclutha	Chaff-cutter	John McGuffog; 69 years	23rd June, 1913; arm lost	When feeding the machine a string of a sheaf caught McGuffog's finger, and caused his left arm to be drawn into the machine. The arm had to be amputated.
Southern Cross Biscuit Company (Li- mited), Wanganui	Break biscuit factory	Horace Marshall; 19 years	27th June, 1913; hand injured	While working at the machine Marshall's hand was caught in it and crushed.
The Taupo Totara Timber Company (Li- mited), Newmarket	Planing	John Parsons; 18 years	2nd July, 1913; fingers injured	Parsons's hand was caught by the knives of the machine.
Kauri Timber Company (Limited), Auck- land	Moulding	John Sim; 22 years	3rd July, 1913; finger lost	Sim's right hand came into contact with the revolving knives.
Bassett and Co. (Limited), Wanganui	Sanding	Alfred Sanders; 17 years	7th July, 1913; finger injured	While feeding a sack into the machine Sanders's left hand was drawn into the rolls, and his fingers were crushed.
R. E. Thorne, Auckland	Mincer	Charles Matthews; 30 years	16th July, 1913; fingers injured	Matthews was feeding the machine with his hand, instead of using a piece of wood, when his finger was drawn in and crushed.
P. and D. Duncan (Limited), Christchurch	Punching	C. Wilson; 16 years	17th July, 1913; fingers injured	Wilson's fingers of his right hand were caught in the handle of the machine.
Alexander Harvey and Sons (Limited), Auckland	Tin-stamping press	H. Wassell; 17 years	24th July, 1913; thumb injured	When working at the press Wassell's right thumb got under the stamp.
The Momona Co-operative Dairy Factory Company, Momona	Shafting	F. J. Hourston; 30 years	26th July, 1913; body injured	While oiling a bearing on the overhead shafting Hourston's clothes were caught by the coupling-bolts of the shaft-coupling, and he was wound round the shaft.
Thompson and Hills, Auckland	Cannmaking	W. H. Bond; 27 years	6th August, 1913; thumb lost	When trying to place belt on pulley (without stopping machine) Bond's left thumb was entangled by a loose piece of rope, which had been wound round the countershaft.
James Craig and Co. (Limited), Oamaru	Saw-bench	Arthur Sinclair; 17 years	15th August, 1913; thumb injured	Sinclair's thumb of his right hand came into contact with the saw.
H. E. Partidge and Co. (Limited), Auck- land	Hydraulic lift	John Holloway; 35 years	20th August, 1913; legs injured	While standing near the lift-well Holloway was lowering the tail-board of cart when he missed his footing and fell down the lift-well.
Cossens and Black (Limited), Dunedin	Radial drill	Thomas Davidson; 14 years	27th August, 1913; thumb injured	While cleaning the machine, which was idle at the time, Davidson started it with the intention of wiping it as it revolved, with the result that the waste he was using was drawn into the gearing, taking his thumb with it.
Thomas Epps, Ruatiti	Portable engine	George West; 35 years	28th August, 1913; ankle injured	When passing the engine West slipped on a piece of wood, and his ankle came into contact with the driving-belt.
Riverdale Co-operative Dairy Factory Company (Limited), Hawera	Dairying	George Nelson; 28 years	12th September, 1913; sprained wrist and other injuries	In attempting to put a belt on a pulley on the wrong side while in motion, the belting caught Nelson's clothes, and wound him round the shafting.
Kirkcaldie and Steans (Limited), Wel- lington	Electric lift	W. H. Shipton; 28 years	13th September, 1913; head injured	When calling down the lift-well to a storeman, Shipton did not notice that the lift was descending. His head was jammed between the lift and closed gates at which he was standing.
Gisborne Sheep Farmers' Frozen Meat Company (Limited), Gisborne	Grain-crusher	Thomas Cahill; 35 years	16th September, 1913; arm and leg injured	While hoisting sacks of grain with a rope round the shafting, a bight of the rope caught Cahill by the leg, hauling him on to the shaft

Tiratu Sawmilling Company, Ohakune	Log-hauler	..	Eric Bentley ; 23 years	16th September, 1913 ; body injured	When adjusting a wire rope on a drum while in motion Bentley's fingers were caught in it. He was wound round the drum, his left leg being dislocated, hands lacerated, head cut and body strained.
Christchurch Meat Company (Limited), Islington	Circular saw	..	J. Cooke ; 54 years ..	19th September, 1913 ; three fingers lost	Cooke's left hand came into contact with the saw.
Mosgiel Woollen Factory Company (Limited), Mosgiel	Winding worsted	..	Mabel Craig ; 15 years	20th September, 1913 ; fingers lost	When working at machine Craig's forefinger of right hand was caught in the spur-wheels.
F. S. Chinnery, Woodend ..	Flax-dressing	..	L. McGuire ; 22 years	21st September, 1913 ; arm lost ..	McGuire was handling fibre at the scutcher, flicking the hanks out, when one that was twisted round his hand caught on the shaft, taking him with it. His left arm was torn off below the shoulder.
Kauri Timber Company (Limited), Auckland	Planer ..	..	C. T. Gavan ; 38 years	25th September, 1913 ; fingers injured	The fingers of Gavan's left hand were caught in the rollers of the planing-machine.
E. Ellis and Co., Kaikorai ..	Flock ..	..	Henry Madden ; 52 years	26th September, 1913 ; fingers injured	When working at machine Madden's right hand was caught in it.
James G. Laurensen, Roslyn	Dough-divider	..	William Shears ; 30 years	29th September, 1913 ; fingers injured	Through neglecting to close down the feed-box, Shears's right hand was caught in the knives, and the ends of three fingers were severed.
Wallis Syndicate Dredge, Moa Creek ..	Winch-shafting	..	P. Bushbridge ; 21 years	3rd October, 1913 ; ribs injured ..	While Bushbridge was fixing the friction-gear on the winch his coat was caught up by the shaft and he was drawn in.
John McGregor and Co. (Limited), Dunedin	Crane ..	..	H. Davies ; 20 years	4th October, 1913 ; finger injured ..	When working at the crane Davies' right hand was caught in the cog-wheel and crushed.
Kauri Timber Company (Limited), Auckland	Goose saw	..	E. G. Wood ; 18 years	8th October, 1913 ; finger injured ..	While cross-cutting slabs, Wood's little finger of his left hand came into contact with the saw.
New Zealand Portland Cement Company (Limited), Auckland	Conveyor to stone-crusher	..	Henry Tito ; 22 years	10th October, 1913 ; body injured	Tito's clothes were caught by the pin of the collar of revolving shaft and he was drawn on to the shaft. His body was bruised and his legs were lacerated.
D.S.C. and Cousins and Cousins, Auckland	Band-saw	..	W. Graham ; 24 years	10th October, 1913 ; finger injured	When sawing, the saw broke and a piece of it came into contact with Graham's first finger.
D. Goldie and Sons, Auckland	Sawmill ..	..	W. Curtis ; 35 years	14th October, 1913 ; finger injured	While putting the sawdust-creeper on the pulley while in motion Curtis's finger got between creeper and pulley.
A. and T. Burt (Limited), Dunedin ..	Vertical drilling	..	Thomas Lane ; 17 years	15th October, 1913 ; thumb injured	Lane's right hand was caught in belting while changing speed of the machine.
New Zealand Pine Company, Invercargill	Locomotive	..	George T. Dawson ; 49 years ..	20th October, 1913 ; body injured	Through the rails spreading on the bridge the locomotive fell through, taking Dawson with it. His ribs were broken, shoulder was dislocated, legs were scalded, and his body was severely bruised.
Wanganui Chronicle Company (Limited), Wanganui	Electric lift	..	John Lowe ; 38 years	23rd October, 1913 ; legs broken ..	After ascending to the top floor, Lowe neglected to close the lift-door. In the meantime some one moved the lift to the basement. Thinking that the lift was still there he stepped into the well, and had both his legs broken.
Kempthorne, Prosser, and Co., Dunedin	Circular saw	..	T. A. Brown ; 35 years	25th October, 1913 ; fingers injured	When sawing a piece of timber Brown's fingers came into contact with the saw.
James W. McGuigan and Co., Glenledi	Chaff-cutter	..	James W. McGuigan, jun. ; 33 years	27th October, 1913 ; fingers injured	While putting a belt on the pulley McGuigan's foot slipped and his fingers were caught in the pinions.
Napier Woollen Company (Limited), Napier	Woollen plant	..	D. J. Oliver ; 25 years	28th October, 1913 ; wrist injured	Oliver was replacing a belt on a power-driven wall-fan, when his arm was caught between the belt and the pulley.
J. Wilkie and Co. (Limited), Dunedin ..	Book-folding	..	Lily Moir ; 15 years	31st October, 1913 ; finger injured	While engaged at the machine Moir's hair was caught by the cog-wheels, causing some to be torn out. The little finger of her left hand was also injured.

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.
E. N. Nalder and Co. (Limited), Nelson	Woodworking	Ross Grace; 17 years	1st November, 1913; fingers injured	Grace's left hand came into contact with the knives.
Andrews and Beaven (Limited), Christchurch	Emery wheel	F. C. Reynolds; 26 years	6th November, 1913; finger injured	When grinding a piece of wire Reynolds's finger got between the wheel and the wire.
Murrays Limited, Invercargill	Power press for squaring patent caps for milk-tins	H. M. Robertson; 18 years	6th November, 1913; thumb injured	Robertson put pressure on the treadle of the machine while his left thumb was under the punch.
Oamaru Woollen Factory Company (Limited), Oamaru	Weaving	Rose Sprott; 25 years	12th November, 1913; face injured	A shuttle in a loom worked by another weaver flew out and struck Sprott on the face below the eye.
James Craig and Co. (Limited), Oamaru	Planing	David Blyth; 35 years	20th November, 1913; fingers injured	When planing a piece of timber Blyth's left hand came into contact with the knives.
James McAndrew and Co. (Limited), Paeroa	Saw-bench	Sydney Prisk; 23 years	24th November, 1913; head injured	A piece of wood struck Prisk on the head, stunning him for a short time.
Thomas Todd and Sons (Limited), Wai-kiwi	Disintegrator for crushing clay	James McMurdo; 21 years	25th November, 1913; foot injured	McMurdo, while wheeling some clay near the disintegrator, slipped and his foot got into the machine.
Limestone Brick Company (Limited), Tainui	Brick-making	Frank Hedgins; 27 years	25th November, 1913; arm injured	While reaching over to put a belt on, Hedgins's loose sleeve was caught by the cog-wheels. The flesh of his left arm was badly cut and torn.
J. Pomeroy and Co., Hamilton	Planing	David Elder; 35 years	29th November, 1913; fingers injured	When planing a piece of timber Elder's left hand came into contact with the knives.
Aulsebrook and Co., Christchurch	Biscuit-cutting	A. H. F. Bowden; 19 years	2nd December, 1913; fingers injured	Bowden was wiping some dough from the cutters, which were in motion, when his fingers touched the knives.
Kempthorne, Prosser, and Co., Dunedin	Pill-mass kneading	Thomas Naylor; 18 years	3rd December, 1913; finger injured	While attempting to take the pill-mass out of the machine while it was in motion, the knives of the kneader caught Naylor's fingers.
Belvedere Dairy Company, Carterton	Steam-engine	Charles Corlett; 26 years	5th December, 1913; fingers injured	Corlett, while attending to his duties, got his hand between the connecting-rod and the guide-column.
Murrays Limited, Invercargill	Body forming for making milk-tins	Isaac McQueen; 21 years	11th December, 1913; thumb injured	McQueen was trying to remove a defective blank from the machine when his thumb was caught by the machine.
P. and D. Duncan (Limited), Christchurch	Shearing	William Ware; 47 years	22nd December, 1913; thumb injured	Ware's left thumb came into contact with shearing-iron.
Fairbrother and Co., Timaru	Woodworking	Charles Aburn; 37 years	3rd January, 1914; internally injured	While putting on a belt with the aid of a piece of wood the wood was caught by the spokes of the pulley and struck Aburn in the abdomen, causing rupture of the bowels.
A. and T. Burt (Limited), Dunedin	Drilling	A. W. Stables; 20 years	5th January, 1914; thumb injured	While inserting a drill in the machine while it was in motion Stables got his left thumb caught.
A. and T. Burt (Limited), Dunedin	Turning-lathe	Frank Dow; 17 years	14th January, 1914; fingers injured	Dow was cleaning the lathe while it was in motion.
Leyland-O'Brien Timber Company (Limited), Auckland	Circular saw	John King; 30 years	15th January, 1914; chest and face injured	The piece of timber King was sawing flew back and struck him, bruising his chest and face.
Wairarapa Daily Times, Masterton	Printing	T. C. Wood; 14 years	19th January, 1914; finger injured	Wood was cleaning the machine while it was in motion, when the second finger of his right hand was caught in the cogs.
Alton Co-operative Dairy Company (Limited), Alton	Dairy factory	F. Hodge; 20 years	22nd January, 1914; hand injured	The belt of the water-pump slipped off, and in trying to replace it Hodge's right hand was caught in it, and he was drawn on to the shaft.
Aulsebrook and Co., Christchurch	Caramel-wrapping	Edith Thornton; 22 years	26th January, 1914; finger injured	While feeding strips of caramel into the machine, Thornton got the tip of little finger of her left hand injured between the presser and one of the knives.

Aulsebrook and Co., Christchurch ..	Caramel-rollers ..	Thomas Johnston; 21 years ..	27th January, 1914; fingers injured	Johnston was feeding sugar dough into the machine when his right hand was caught by the rollers.
Temuka Pipe-works, Temuka ..	Earthenware-pipe making ..	William Hoare; 30 years ..	29th January, 1914; hand injured	When working at the machine Hoare's hand came into contact with the knives of the machine.
New Zealand Insurance Company (Limited), Dunedin ..	Electric lift ..	William Blair; 55 years ..	29th January, 1914; legs injured ..	Blair had taken a passenger to the third floor of the building, and he was descending, when the eye-bolts on which the lift was suspended carried away. The cage fell to the bottom of the well and Blair had both his legs fractured, and also received internal injuries.
J. Parker and Sons, South Dunedin ..	Woodworking ..	B. Parker; 47 years ..	29th January, 1914; fingers injured	When planing a piece of timber Parker's left hand came into contact with the knives.
John McGregor and Co. (Limited), Dunedin ..	Circular saw ..	R. Cameron; 16 years ..	5th February, 1914; thumb injured	Cameron was cutting a piece of iron when his right thumb was caught by the saw.
C. and W. Hayward (Limited), Dunedin ..	Planing ..	William Mowbray; 28 years ..	10th February, 1914; neck and face injured	While working at the machine the belt broke and struck Mowbray on the face and neck.
Andersons Limited, Christchurch ..	Planing ..	H. Oubridge; 55 years ..	16th February, 1914; thumb injured	Oubridge's hand slipped while planing a piece of timber, and his thumb came into contact with the knives.
Robert L. Cleland, Auckland ..	Electric lift ..	John Larkin; 62 years ..	17th February, 1914; elbow injured	The balance-weights caught Larkin while he was oiling the lift machinery.
Kauri Timber Company (Limited), Auckland ..	Rip-saw ..	John Duggan; 19 years ..	20th February, 1914; hand injured	Duggan's hand came into contact with the saw.
D.S.C. and Cousins and Cousins (Limited), Auckland ..	Buzz planer ..	N. Collingwood; 24 years ..	27th February, 1914; fingers injured	Collingwood's right hand slipped when planing a piece of timber, and touched the knives.
Clutha Timber and Hardware Company (Limited), Balclutha ..	Woodworking ..	Frederick McKenzie; 28 years ..	28th February, 1914; fingers injured	When dressing a piece of timber McKenzie's left hand touched the knives.
Philip, Foster, and Son, Timaru ..	Saw-bench ..	Cecil Lamont; 23 years ..	2nd March, 1914; fingers lost ..	While removing a piece of wood from the saw Lamont's left hand came into contact with it.
Cossens and Black (Limited), Dunedin ..	Planing ..	L. Meiklejohn; 20 years ..	5th March, 1914; fingers injured ..	Meiklejohn got his fingers caught by the table of the planing-machine.
J. Wilkie and Co. (Limited), Dunedin ..	Book-stitching ..	Ruby Jacobs; 19 years ..	6th March, 1914; finger injured ..	While working at the machine Jacob's middle finger of right hand was jammed by it.
S. Kirkpatrick and Co. (Limited), Nelson ..	Gas-engine ..	P. O. Murray; 47 years ..	7th March, 1914; face burned ..	In trying to reduce the air-supply to the ignition-tube, Murray inadvertently turned it off altogether, thus causing the flame to flash out of the ignition-pipe.
New Zealand Portland Cement Company (Limited), Auckland ..	Mechanical stoker ..	Charles Kirven; 36 years ..	8th March, 1914; arm injured ..	While putting the belt on the driving-wheel Kirven's arm was caught between the belt and the coal-hopper, the forearm being fractured.
Aulsebrook and Co., Christchurch ..	Lozenge-dough mixer ..	John Connolly; 15 years ..	12th March, 1914; finger injured ..	Connolly was pulling the dough about in the mixer with his finger instead of using a stick. His finger was cut by one of the knives.
Giles and Holland, Clarkville ..	Threshing ..	Charles Allard; 44 years ..	20th March, 1914; thumb lost ..	When putting a belt on the combine-feeder Allard's thumb was caught between the belt and the pulley.
Hal Goodacre, New Plymouth ..	Leather-rollers ..	Absy Burke; 24 years ..	28th March, 1914; finger injured ..	Through not using sufficient care in placing leather in the rollers the forefinger of Burke's left hand was jammed.

RETURN OF FATAL ACCIDENTS IN CONNECTION WITH MACHINERY DURING THE FINANCIAL YEAR ENDED THE 31ST MARCH, 1914.

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.
Takapuna Dairy Company (Limited), Devonport	Countershaft	Edgar Walters; 49 years	2nd December, 1913; spine injured	Walters was standing on a ladder filling a tank. He must have reached too far back, as a screwed pin on the collar of the shaft caught his clothing at the back of his neck and wound him round the shaft. He received severe injuries to his spine, causing partial paralysis.
Ora Flax-milling Company, Foxton	Gas-engine	G. F. Chambers; 34 years	19th February, 1914; body and limbs broken and torn	It is surmised that Chambers was taking off the air-pump belt with his hand when it caught him and drew him on to the pulley and shafting, causing instantaneous death.
Robert Holt and Sons, Napier	Traction-engine	Allan Nicholson; 25 years	4th March, 1914; crushed	The steering-chain around the front axle came loose while the engine was going down a cutting. The engine got beyond control and capsized over a bank, pinning Nicholson under the draw-bar of wagon, causing death.
Christchurch Meat Company (Limited), Pukeuri	Electric fan	Thomas Blair; 27 years	26th March, 1914; arm broken	Blair was showing some visitor through the works, and on opening the door leading off the freezing-chambers, his arm was caught in the fan. His arm was broken, necessitating amputation. His death resulted.
Auckland Harbour Board, Auckland	Priestman dredge	Denison Roches; 21 years	30th March, 1914; fatal	Roche was endeavouring to get the clinkers out of the fire while standing on the pontoon, instead of standing on the platform, which revolves with the crane. When reaching over the high guard round platform, the guard jammed him against the water-tank, causing such injuries that he died on the way to the hospital.

RETURN OF ENGINEERS TO WHOM EXTRA FIRST-CLASS CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

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

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
Francis Kenworthy	May 28	88	Charles Robert Hubbard	Nov. 19	93
Donald Benjamin Robb	" 28	89	Cecil Edwin Bryant	" 19	94
Hans Lawrence Larsen	July 7	90		1914.	
Norman Hunter Jack	" 7	91	John Dudley Holmes	Feb. 24	95
Frederick Theodore Okeby	" 7	92			

RETURN OF FIRST-CLASS STATIONARY-ENGINE DRIVERS TO WHOM CERTIFICATES OF SERVICE HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate : First-class Stationary, Service.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
John Callum Hugh McDonald	May 28	1710	Albert Percy Williams	Nov. 19	1716
Herbert Francis O'Donnell	" 28	1711		1914.	
Victor Albert Cecil Jarvis	July 7	1712	Dudley Starr	Feb. 24	1717
John Samuel Nicholson	" 7	1713	William McLean	" 24	1718
William Brentnall	Nov. 19	1714	Patrick Morris	" 24	1719
John Griffin	" 19	1715	Alfred Edwin Curtis	" 24	1720

RETURN OF FIRST-CLASS STATIONARY-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate : First-class Stationary, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
Horace Percy Crouch Rothwell	May 28	1620	John Dobbie Sporie	Nov. 19	1656
Frederick Henry Kennedy	" 28	1621	Amos Frederick Cheshire	" 19	1657
John Orr Gilmour	" 28	1622	Albert Siddall	" 19	1658
Thomas William Hope	" 28	1623	Wilson McKie	" 19	1659
Samuel Richard Vince	" 28	1624	Charles Osborne Harrison	" 19	1660
John Cameron Lindsay	" 28	1625	Roland Henry Wood	" 19	1661
William Henry Rigby	" 28	1626	Frederick Wright	" 19	1662
Bertram George Badham	" 28	1627	James Allan	" 19	1663
George James Black	" 28	1628	George Gardner	" 19	1664
John Chapman	" 28	1629	Joseph Taylor McEwan	" 19	1665
Samuel George Veale	" 28	1630	John Jones	" 19	1666
Harold Edgar Bond	" 28	1631	Thomas Jordan	" 19	1667
Frank Augustus Pearce	" 28	1632	James John Keene	" 19	1668
George Edward Wilson	" 28	1633	William Alexander Barclay	" 19	1669
Ernest Frederick Parlato	" 28	1634	James Rutherford Ellis	" 19	1670
Hans Lawrence Larsen	July 7	1635	Thomas Porterfield	" 19	1671
George Herbert Wadley	" 7	1636		1914.	
Henry Bignell	" 7	1637	David Dove	Feb. 24	1672
James Learmonth	Aug. 26	1638	Harry Williamson Tipping	" 24	1673
Alfred Theodore Childs	" 26	1639	James Ferber Spargo	" 24	1674
Thomas Mason Ellis	" 26	1640	William Alfred Turvey	" 24	1675
Levi James	" 26	1641	James Francis Lilly	" 24	1676
James Smeaton Smith	" 26	1642	Alfred Livingston	" 24	1677
John Alexander Adams	" 26	1643	Charles Leonard Amyes	" 24	1678
Ronald Tomas Barley	" 26	1644	Donald Matheson	" 24	1679
Frederick William Calverley	" 26	1645	Mitchell Gordon Hall	" 24	1680
John Arthur Wright	" 26	1646	Norman Roy Joseph Greenwood	" 24	1681
Harry Anthony Davies	" 26	1647	John Aloysious Leslie	" 24	1682
George Ferguson	" 26	1648	Samuel McBride	" 24	1683
Joseph Reginald Parker	" 26	1649	James William Groves	" 24	1684
William Thomas Gilbert	" 26	1650	Arthur Beckwith	" 24	1685
John Brown McAlister	" 26	1651	John Dowling Marshall	" 24	1686
William Morgan	" 26	1652	William Meagher	" 24	1687
Arnold Joseph Brooke	Nov. 19	1653	Arthur Whitaker	" 24	1688
James William Lockhead Bradly	" 19	1654	Harold Clive Frame	" 24	1689
Joseph McCormick	" 19	1655			

RETURN OF SECOND-CLASS STATIONARY-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY
HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate: Second-class Stationary, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
1913.			1913.		
James Mudie	May 28	3777	James Clifton Turk	Aug. 26	3856
Reginald Symes Tunnicliff	" 28	3778	David Cunningham	" 26	3857
August Switalli	" 28	3779	Anthony Karl Ckluge	" 26	3858
Arthur William Fitzmaurice	" 28	3780	George John Gutsell	" 26	3859
Austin Edmund Lines	" 28	3781	William Leonard Fletcher	" 26	3860
Edward Norris	" 28	3782	Amoret Louis Fleury	" 26	3861
Thomas Porter	" 28	3783	Walter John Knowles	" 26	3862
Albert Francis Hall	" 28	3784	John Witton Swede	" 26	3863
Alexander Davidson Lawson	" 28	3785	Kenneth Levoni Aiken	" 26	3864
James Thomas Graham	" 28	3786	Robert Kay	" 26	3865
James Edward Duncan	" 28	3787	Hans Valdemar Nielsen	" 26	3866
Henry Albert Coom	" 28	3788	Joseph Henry Walmsley	" 26	3867
Herbert James Bennett	" 28	3789	Duncan Livingston McAllum	" 26	3868
Edmund Joseph Flavin	" 28	3790	George Hoffman	" 26	3869
Harry Lawrence	" 28	3791	Robert Wilkie Porter	" 26	3870
Thomas Henry Wheeler	" 28	3792	Robert Smith	" 26	3871
Alexander Steel	" 28	3793	Archibald Gorston	" 26	3872
Christopher George Walsh	" 28	3794	Frank Cooke	" 26	3873
Arthur George Rutter	" 28	3795	William Clancy	" 26	3874
Burgo Fred Firth	" 28	3796	Charles Cameron	" 26	3875
Leonard Hamilton	" 28	3797	Philip Henry Gerald Waters	" 26	3876
James McCarthy	" 28	3798	Victor George Judd	" 26	3877
Herbert Hugh Rogers	" 28	3799	Robert Henry Stokes	" 26	3878
Robert Holland Taylor	" 28	3800	Richard Polkinghorne	" 26	3879
Jethro Beaugardis Fryer	" 28	3801	William Patrick O'Brien	" 26	3880
Robert Mawhinney	" 28	3802	George Gladstone Coutts	" 26	3881
Samuel Ernest Meredith	" 28	3803	George Joseph Arnold	" 26	3882
Edmund Barton Parker	" 28	3804	Gordon Blair	" 26	3883
Richard John Pullen	" 28	3805	James Naismith Fleming	" 26	3884
John Thomas Vaughan Whitfield	" 28	3806	George Ritchie Hendry	" 26	3885
John Feeney	" 28	3807	John Wilson	" 26	3886
Samuel Heaton Finch	" 28	3808	David Thomas Curno	" 26	3887
Edward Mulcare	" 28	3809	Albert Wishart	" 26	3888
William McTaggart	" 28	3810	Sidney Clarkson Smith	" 26	3889
John Tunnell	" 28	3811	Alexander Starkie Robinson	" 26	3890
James John Williams	" 28	3812	John Kay Milne	" 26	3891
Alexander Joseph Devereux	" 28	3813	Robert Benjamin Skilton	" 26	3892
George Francis Grant Metcalf	" 28	3814	Bertram Hunter	" 26	3893
Charles Henry Wilson	" 28	3815	Charles David Boniface	" 26	3894
John Jenkin Collier	" 28	3816	Andrew William Boyes	" 26	3895
Timothy John Downing	" 28	3817	John Henderson	" 26	3896
Herbert James Allison	" 28	3818	John Reid Inglis	" 26	3897
John Arms	" 28	3819	William Henry Raymond Mein	" 26	3898
Michael William Beattie	" 28	3820	William Millar	" 26	3899
Ernst Oswald Forester	" 28	3821	Steuart Milne	" 26	3900
Stuart Hellier	" 28	3822	Frederick Henry Russell	" 26	3901
Hubert John Petch	" 28	3823	Albert John Bird	" 26	3902
William Henry Rigby	" 28	3824	Charles Henry Bowman	" 26	3903
Albert Edward Bagrie	" 28	3825	Charles George Chapple	" 26	3904
Charles Calder	" 28	3826	Henry Gordon Slade Crosbie	" 26	3905
Ralph Erskine	" 28	3827	Joseph Gabriel	" 26	3906
George Henry Baker Fitzmaurice	" 28	3828	Jabez Silas Greenhill	" 26	3907
John McGillivray, jun.	" 28	3829	James Hugh Harvey	" 26	3908
Andrew Clark Roberts	" 28	3830	Hilton Ernest Alfred Hurrell	" 26	3909
James Shearer	" 28	3831	Percival Andrew Lundberg	" 26	3910
George William Wilson	" 28	3832	Frederick William McCormick	" 26	3911
Denis O'Connell	" 28	3833	David Penny	" 26	3912
Alexander Grey Fraser	" 28	3834	Wilson Scott	" 26	3913
Edward Brady	July 7	3835	Robert Laidlaw Paterson	Nov. 19	3914
George Harold Robert Mason	" 7	3836	John Love	" 19	3915
James Brown Scott Brown	" 7	3837	Ralph Hankins	" 19	3916
Joseph Underhill	" 7	3838	Ernest Jones	" 19	3917
Albert Ernest Ritchie	" 7	3839	Jacob Allen	" 19	3918
Frederick William Norden	" 7	3840	Charles Gough	" 19	3919
Joseph Oliver Toole	" 7	3841	Lewis Denny Higham	" 19	3920
William Templeton	" 7	3842	Hubert Hart	" 19	3921
George Watkins	Aug. 26	3843	Thomas Shields	" 19	3922
William Henry Way	" 26	3844	Thomas Dunlop	" 19	3923
Leonard Clarence Whitelaw	" 26	3845	George Valdemar Thomson	" 19	3924
Olbert George Rogers	" 26	3846	Cecil Houston	" 19	3925
Frederick Alexander Stevenson	" 26	3847	Robert Scott	" 19	3926
Peter Walsh	" 26	3848	William Edward Stanton	" 19	3927
Alexander George Watson	" 26	3849	Peter Thomas Aitken	" 19	3928
John Fowler Black	" 26	3850	Hector Francis Brooks	" 19	3929
Cyril Wakeling Lowe	" 26	3851	William Albert Henry Brown	" 19	3930
William Hislop Campbell	" 26	3852	John William Clarke	" 19	3931
William John Kerr	" 26	3853	Henry Alfred Coward	" 19	3932
John Lawson	" 26	3854	Frederick Eddelstone	" 19	3933
James Hugh McMillan	" 26	3855	Lewis Edward Kennedy	" 19	3934

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.
	1913.			1913.	
Benjamin Hill	Nov. 19	3935	Matthew John Molloy	Nov. 19	3977
Robert Houston McCallum	" 19	3936	John McCaul Purdon	" 19	3978
James Sim	" 19	3937	Henry James Watson Pryde ..	" 19	3979
Philip Arthur Jane	" 19	3938		1914.	
Alexander Baird	" 19	3939	Lewis Edward Penwright	Feb. 24	3980
William Hayes Rawcliffe	" 19	3940	Thomas Bunting	" 24	3981
Alfred William Osborne	" 19	3941	George James Grant	" 24	3982
Ernest Albert Wright	" 19	3942	John James Price	" 24	3983
John Bissett	" 19	3943	John James Robinson	" 24	3984
Frderick Broncher	" 19	3944	Charles Oliver Rowlands	" 24	3985
George Albert Browning	" 19	3945	William Rae Hume	" 24	3986
John Henry Frisby	" 19	3946	Irwin Baldwin	" 24	3987
Archibald Amos Jensen	" 19	3947	John Meade	" 24	3988
George Miller	" 19	3948	Benjamin Boyd Sharplin	" 24	3989
James Peace	" 19	3949	Ernest Bertram Barnes	" 24	3990
William Walker	" 19	3950	Beda Dorfinger	" 24	3991
William Woods	" 19	3951	Alexander McPherson	" 24	3992
James Ashurst	" 19	3952	Frank Herbert Nicholls	" 24	3993
Walton Baty	" 19	3953	Charles Stanley Nicholson	" 24	3994
Joseph Dalzell	" 19	3954	Richard Savage	" 24	3995
John Edward Nicholls	" 19	3955	Leonard Adams	" 24	3996
Robert Thomson Abbot, jun. ..	" 19	3956	Sidney May	" 24	3997
William Baird	" 19	3957	Harry Mills	" 24	3998
Charles Edward Joseph	" 19	3958	Lupton Gardiner	" 24	3999
George Montgomery	" 19	3959	Charles Christie Palmer	" 24	4000
William Thomas Reach	" 19	3960	George William Lawrence Palmer ..	" 24	4001
Harvey Buckland Drower	" 19	3961	George Brown Scotland	" 24	4002
William Elliott	" 19	3962	Albert Michael Andrew Millynn ..	" 24	4003
John Jenkins	" 19	3963	George Spice	" 24	4004
Robert Lees	" 19	3964	Digby Lyne	" 24	4005
Archibald James Campbell McKim ..	" 19	3965	William John Sampson	" 24	4006
William Alexander Barclay	" 19	3966	Charles James Hawkes	" 24	4007
Angus McLeod	" 19	3967	Thomas Brown	" 24	4008
James Fraser McLachlan	" 19	3968	Noah Hingley	" 24	4009
Andrew Duff	" 19	3969	Terence Alexander McGowan ..	" 24	4010
John James Kinsella	" 19	3970	Peter Duncan	" 24	4011
Michael Bourke	" 19	3971	Peter Jenkins	" 24	4012
John Campbell	" 19	3972	Carl William Schwieters	" 24	4013
William Crawford	" 19	3973	Patrick Twomey	" 24	4014
John Herbert Earl	" 19	3974	Ernest William Horniblow	" 24	4015
Albert James Hoperoff	" 19	3975	Arthur Shaw	" 24	4016
Walter Henry Milne	" 19	3976			

RETURN OF LOCOMOTIVE AND TRACTION ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate: Locomotive and Traction, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
Albert Charles Bairstow	May 28	2754	William Lionel Sommerville ..	May 28	2789
Alexander Holmes	" 28	2755	Thomas Carruthers	" 28	2780
Isaac Morrison	" 28	2756	George Alexander Thomson Milne ..	" 28	2781
Hilary Theodore Denley	" 28	2757	David Thompson Brown	" 28	2782
Thomas Ralph Kearton	" 28	2758	Athol Winson McNeil	" 28	2783
Joseph Costello	" 28	2759	Walter Blair	" 28	2784
Frank Harold Williams	" 28	2760	Hugh Kennedy	" 28	2785
William Thomas Gilbert	" 28	2761	Thomas Edward O'Brien	" 28	2786
Thomas William Ollington	" 28	2762	Richard Cornelius Sutherland ..	" 28	2787
Sydney Herbert Delap Godfrey ..	" 28	2763	Maxwell Winders	" 28	2788
Frank Frederick Lowe	" 28	2764	Walter James Pentecost	July 7	2789
Patrick Manning	" 28	2765	Archibald Arrol Stewart	" 7	2790
Walter James Gudrell	" 28	2766	John McMaster	" 7	2791
William Henry Duff Knox	" 28	2767	George McArthur Brown	" 7	2792
John Henderson Willetts	" 28	2768	Edward James Beker	" 7	2793
Ernest Dennis	" 28	2769	Corbet Thomas Miles	" 7	2794
Arthur Hannibold Lowry	" 28	2770	George Soutter	" 7	2795
William Thomas Shufflebotham ..	" 28	2771	Cyril Francis Conway	" 7	2796
Robert Turnbull	" 28	2772	Alfred Ernest Gilbert	" 7	2797
Alexander Kildare	" 28	2773	Arthur Robinson	Aug. 26	2798
John Glen	" 28	2774	John Orr Gilmour	" 26	2799
Trehbald Hunter	" 28	2775	Oliver Sidney Shute	" 26	2800
Aomas Pedar James Olsen	" 28	2776	Ernest Frederick Parlato	" 26	2801
Thomas Carley	" 28	2777	George Cecil Coleman	" 26	2802
Richard Andrews	" 28	2778	John Godfred Wratt	" 26	2803

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.
1913.			1913.		
Albert Edwin Burrell	Aug. 26	2804	Daniel Frederick McEnnis	Nov. 19	2872
Herbert Frederick Hubbard	" 26	2805	William Patrick O'Brien	" 19	2873
Robert Morton	" 26	2806	Harold James Taylor	" 19	2874
Christopher John McDonnell	" 26	2807	John James Thomas	" 19	2875
John Rowlands	" 26	2808	Arthur Fisher	" 19	2876
Henry Charles Clothier	" 26	2809	Louis Seymour Francis	" 19	2877
Michael Murray	" 26	2810	Albert John Herkt	" 19	2878
Fredrick John Nunan	" 26	2811	Ernest Edwin Meyer	" 19	2879
Arthur Ashley Ryde	" 26	2812	Albert John Squire	" 19	2880
Milson George Harry Thorne	" 26	2813	Thomas Cyril Richardson	" 19	2881
Francis William Smith	" 26	2814	William Arthur Batchelor	" 19	2882
Thomas Crawford	" 26	2815	George Adcock Bell	" 19	2883
Alexander Cumming	" 26	2816	Henry Butters	" 19	2884
John Finlayson	" 26	2817	Arthur Capon, jun.	" 19	2885
Willie Leonard Gudsell	" 26	2818	Samuel Douglas	" 19	2886
Wilfrid Thomas Lill	" 26	2819	Robert Burns Doyle	" 19	2887
William Marshall	" 26	2820	Walter Dunn	" 19	2888
George Michael Montgomery	" 26	2821	Edgar Hildebrand	" 19	2889
William McLaren	" 26	2822	Arthur Leslie Hills	" 19	2890
Eric Olof Norling	" 26	2823	Victor George Clement Martin	" 19	2891
Leonard Original Pascoe	" 26	2824	Arthur Read	" 19	2892
John Stanley Walker	" 26	2825	Herbert Schumacher	" 19	2893
George Cochrane Burgess	" 26	2826	William Reid Strachan	" 19	2894
Wilfred Curphey	" 26	2827	Alexander Taylor	" 19	2895
Robert Houlston, jun.	" 26	2828	Edward Claude Tunmer	" 19	2896
Neil Macdonald	" 26	2829	William Henry Harbidge	" 19	2897
John Alexander Roos	" 26	2830	Thomas Milne	" 19	2898
Henry Albert Soufflot, jun.	" 26	2831	James Spence Borwick	" 19	2899
Sidney Rowland Vouden	" 26	2832	Robert Robson, jun.	" 19	2900
Amos William Moore	" 26	2833	John Miller	" 19	2901
Robert Blackhall Stewart	" 26	2834	Alonzo Willcock	" 19	2902
Charles Robert Garnham	" 26	2835	George Walter Broadley	" 19	2903
Charles Gardener Fitness	" 26	2836	Henry Andrew Watson	" 19	2904
George Stewart	" 26	2837	1914.		
Leonard Metcalfe Lane	" 26	2838	Thomas Bowman	Feb. 24	2905
Pearce George Bridgman	" 26	2839	Joseph Morrell	" 24	2906
Albert Cole	" 26	2840	Thomas John Lister	" 24	2907
Evander MacIver	" 26	2841	John Edward Mudford	" 24	2908
John Ure	" 26	2842	Kenneth Bertram McRae	" 24	2909
Thomas Curtis Swale	" 26	2843	George Colligan	" 24	2910
Robert James Murdoch	" 26	2844	Peter John Higgins	" 24	2911
John McLeary	Nov. 19	2845	Herbert Capon	" 24	2912
Alfred Luff	" 19	2846	Charles Henry Havelock Sharplin	" 24	2913
Christopher Leek	" 19	2847	William Whitford	" 24	2914
Malcolm Allan Gray	" 19	2848	Charles Harold Bodle	" 24	2915
John Boyd	" 19	2849	John Harold Conder	" 24	2916
Maurice Francis Connor	" 19	2850	Frederick Croft	" 24	2917
Henry Alfred Dovey	" 19	2851	James Thomas Levings	" 24	2918
John Graham	" 19	2852	Horace Edward Rowlands	" 24	2919
Alan Morley Jackson	" 19	2853	George Wight	" 24	2920
John George Langford	" 19	2854	William John Brister	" 24	2921
Charles Rennie	" 19	2855	William Cotter	" 24	2922
William Sheppard	" 19	2856	Charles Ernest Dyson	" 24	2923
John Alexander Adams	" 19	2857	William Thomas Kirkpatrick	" 24	2924
Francis Hubert Andrew	" 19	2858	George Lane	" 24	2925
Henry Thomas Graves Cunningham	" 19	2859	Peter McLachlan	" 24	2926
Robert Knight King	" 19	2860	Aubrey William Scott	" 24	2927
Alexander Stewart McCröste	" 19	2861	John Birss	" 24	2928
George McLeod	" 19	2862	Leonard Harley	" 24	2929
Charles James Prosser	" 19	2863	William Leipst	" 24	2930
Thomas Millar Reid	" 19	2864	Harry Peter Nelson	" 24	2931
Frederick Henry Russell	" 19	2865	Albert Edward Thurston	" 24	2932
John Scott	" 19	2866	Alick Leonard, jun.	" 24	2933
Gavin Dickson	" 19	2867	John Edward Jones	" 24	2934
John O'Donnell	" 19	2868	Augustus Brydges Stratford Henniker	" 24	2935
David Miller Pettigrew	" 19	2869	Rupert George Skilton	" 24	2936
John Lalor	" 19	2870	Alexander Gall	" 24	2937
William Baxter	" 19	2871			

RETURN OF STEAM-WINDING-ENGINE DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate: Winding, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
Albert Edward Victor Denize ..	May 28	500	John Brown McAllister ..	Aug. 26	509
Edward McGuinness ..	" 28	501	Thomas Murray ..	Nov. 19	510
John McLintock, jun. ..	July 7	502	George Wall Lowes ..	" 19	511
George Herbert Wadley ..	" 7	503	John Greene ..	" 19	512
Patrick Galway ..	Aug. 26	504		1914.	
James Berry Stevenson ..	" 26	505	James Andrew Fleming ..	Feb. 24	513
Duncan Phillip McKay ..	" 26	506	Edmund Barton Parker ..	" 24	514
Thomas Wadsworth ..	" 26	507	Patrick Mahon ..	" 24	515
Charles Joseph Ernest Beanlands ..	" 26	508			

RETURN OF ELECTRIC-WINDING-ENGINE DRIVERS TO WHOM CERTIFICATES OF SERVICE HAVE BEEN GRANTED FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate: Electric Winding, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
Aickin Charles James ..	July 7	1	Walter Henry Charles Langdon ..	July 7	24
Edward Allison ..	" 7	2	Robert Thomas Bruce Mackie ..	" 7	25
James Allison ..	" 7	3	Joseph Morgan ..	" 7	26
Percy John Bagwell ..	" 7	4	Hull Ingram Murphy ..	" 7	27
Alexander Walter Bird ..	" 7	5	John Callum Hugh McDonald ..	" 7	28
William Brentnall ..	" 7	6	William David Lindsay McLean ..	" 7	29
John Brown ..	" 7	7	Alfred Ernest Robinson ..	" 7	30
John Carless ..	" 7	8	William Samson ..	" 7	31
Samuel Dickey ..	" 7	9	Benjamin Sheard ..	" 7	32
Charles Robert Dunstan ..	" 7	10	Albert Thomas Couche Stevens ..	" 7	33
Frederick Walter Duschka ..	" 7	11	James Thomson ..	" 7	34
William Larkin Ellery ..	" 7	12	James Robertson Thomson ..	" 7	35
Charles Eustace ..	" 7	13	Jaketh Joseph Wearne ..	" 7	36
Charles Henry Eustace ..	" 7	14	John Whitehouse ..	" 7	37
John Patrick Farrell ..	" 7	15	Albert Percy Williams ..	" 7	38
Charles Gartside ..	" 7	16	Charles Simmons Wilson ..	" 7	39
Alexander James Hall ..	" 7	17	Edward Patton ..	" 7	40
William Barlow Houghton ..	" 7	18	John Joseph Wall ..	" 7	41
Albert Edward Inglis ..	" 7	19	Harry Williams ..	Aug. 26	42
Victor Albert Cecil Jarvis ..	" 7	20	Thomas Harris Harrison ..	Nov. 19	43
Evan G. Jenkins ..	" 7	21	William Wall ..	" 19	44
Matthew, Jensen ..	" 7	22		1914.	
Henry Brennan Kerr ..	" 7	23	Duncan Phillip McKay ..	Feb. 24	45

RETURN OF ELECTRIC-TRAM DRIVERS TO WHOM CERTIFICATES OF COMPETENCY HAVE BEEN GRANTED
FROM THE 1ST APRIL, 1913, TO THE 31ST MARCH, 1914.

Class of Certificate: Electric-tram, Competency.

Name of Person.	Date of Issue.	No.	Name of Person.	Date of Issue.	No.
	1913.			1913.	
Charles Frederick Cotterill ..	June 17	237	Mark Hedley ..	Nov. 17	299
James John Duke ..	" 17	238	Percy Porthous ..	" 17	300
Isaac Stevenson ..	" 17	239	Joseph Sarson ..	" 17	301
James Campbell Stuart ..	" 17	240	Henry George Such ..	" 17	302
Frederick Charles Williams ..	" 17	241	William Wallace ..	" 17	303
William George Free ..	" 17	242	Alfred George King ..	" 17	304
Frederick William Bezar ..	" 17	243	Frederick Charles Taylor ..	" 17	305
Thomas Glengarry ..	" 17	244	Christopher John Holloway ..	" 17	306
Albert Edgar Jessup ..	" 17	245	Walter William Mann ..	" 17	307
Charles Stuart Morton ..	" 17	246	Albert Edwin Huggins ..	" 17	308
William Johnson Moss ..	" 17	243	Alfred John Hoare ..	" 17	309
Charles Edgar Neal ..	" 17	248	Thomas Elliott ..	" 17	310
Leon Simon ..	" 17	249	Edwin Charles Sadler ..	" 17	311
Thomas Henry Tankard ..	" 17	250	Jordan Bradbury ..	" 17	312
Daniel Tohill ..	" 17	251	James Walls ..	" 17	313
James Edward Tullett ..	" 17	252	Leslie Beaumont Miller ..	" 17	314
George Robert White ..	" 17	253	Henry Douglas Galbraith ..	" 17	315
George Crosbie ..	" 17	254	William Logan Burgess ..	" 17	316
William John Henry Kissell ..	" 17	255	Frank John Denzer Blackgrove ..	" 17	317
Archibald Frederick Waters ..	" 17	256	John Reid Cowley ..	" 17	318
William Hall ..	" 17	257	Alexander McWilliam Buchen ..	" 17	319
Hilton Scarborough Smith ..	" 17	258	Edward Ward Anderson ..	" 17	320
Alfred Thomas Auther ..	" 17	259	Peter Torrie ..	" 17	321
Alexander Black ..	" 17	260	William Harland ..	" 17	322
William Craigie Butchart ..	" 17	261	James Allan Paterson ..	" 17	323
George Fowlie ..	" 17	262	George William Hill ..	" 17	324
John Penny ..	" 17	263	William David Pool ..	" 17	325
George Russell ..	" 17	264	Bertram Marshall Officer ..	" 17	326
Wilfred Patrick Stone ..	" 17	265	Hugh George Astle ..	" 17	327
Albert John Tutill ..	" 17	266	John McGinley ..	" 17	328
John Edward Wareing ..	" 17	267	Harold Walter Beck ..	" 17	329
George Jocelyn Ward ..	" 17	268	Henry Arthur Hankins ..	" 17	330
Reginald Moreton Young ..	" 17	269	Frederick Leslie Roy Inder ..	" 17	331
Robert James Binmore ..	" 17	270	William Harley Dear ..	" 17	332
Alexander Cowan Murdock ..	Aug. 26	271	Murdoch MacRae ..	" 17	333
John James Black ..	" 26	272	Frederick Cranston ..	" 17	334
Aubrey Grant ..	" 26	273	Joseph Moody ..	" 17	335
Frederick William Howe ..	" 26	274	Hugh Joseph McCaffery ..	" 17	336
Thomas Hudson ..	" 26	275	John Frederick Turner ..	" 17	337
Albin Waldemar Jacobson ..	" 26	276	Alexander George Barnes ..	" 17	338
Richard McWilliam ..	" 26	277	Charles Geole ..	" 17	339
Sydney Henry Newstead ..	" 26	278	Leonard Reeves ..	" 17	340
Maurice O'Connor ..	" 26	279	Frederick John Stone ..	" 17	341
Joseph Rowberry ..	" 26	280	John Wakefield Williams ..	" 17	342
Sydney Trippiear ..	" 26	281	Albert Lorensen ..	" 17	343
Anthony Ball ..	" 26	282		1914.	
Albert Walter Dixon ..	" 26	283	John James McCann ..	Mar. 10	344
John Fernyhough ..	" 26	284	Patrick Cronin ..	" 10	345
Charles Edward Gatfield ..	" 26	285	Harold Cawood Edwards ..	" 10	346
Stephen Charles Hamblin ..	" 26	286	Amos Shilson Gimblett ..	" 10	347
Duncan McDougall ..	" 26	287	Leopold Douglas Daniel Harvey ..	" 10	348
James John Nixon ..	" 26	288	John Fletcher Cosford ..	" 10	349
Walter Ernest Wadams ..	" 26	289	James Turner ..	" 10	350
William James Watson ..	" 26	290	William Slater ..	" 10	351
William Henry Newall ..	Nov. 17	291	Donald McKenzie ..	" 10	352
Harold Booth ..	" 17	292	Charles Patrick Fitzpatrick ..	" 10	353
John William Chapman ..	" 17	293	James Alfred Webb ..	" 10	354
Robert Sherwin Cowan ..	" 17	294	Milton Thornton Elliott ..	" 10	355
Richard Freeman Daniels ..	" 17	295	George Riddell Holmes ..	" 10	356
William Henry Johnson Forslind ..	" 17	296	Charles John Johnston ..	" 10	357
Henry Edgar Gilbert ..	" 17	297	Wilfred Henry Norris ..	" 10	358
James Glendinning ..	" 17	298			

RETURN SHOWING THE NAMES OF OWNERS OF BOILERS INSPECTED WHICH REQUIRE TO BE IN CHARGE OF
CERTIFICATED ENGINE-DRIVERS.

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.
AUCKLAND DISTRICT.					
Adolph, F. W.	Patumahoe	General	7	6 and 9	Locomotive and traction.
Alcock Bros.	Whangarei	Quarry	12	7 and 11½	Second class.
Allen, Woolsey	Dargaville	Sawmill	16	Two 8½	"
Amburys Limited	Helensville	Dairy purp ses	18	10	"
"	Mangere	Creamery	36	12	"
"	Newton	"	75	13	"
Armstrong Gold-dredging Company	Coromandel	Dredging	20	8 and 13	First class.
Auckland Brick and Pottery Company	Avondale	Brick-works	72	20	"
"	"	"	71	20	"
Auckland City Council	Auckland	Road-roller	8	6 and 9½	Locomotive and traction.
"	"	Electric power-station	303.5	Two sets 21, 23 and 48	First class.
"	"	Ditto	303.5	Two sets 17, 24½ and 37½	"
"	"	"	303.5	Two sets 17, 24½ and 37½; two sets 21, 31 and 48	"
"	"	"	303.5	Ditto	"
"	"	Electric light	303.5	Two sets 17½, 24½ and 27½	"
"	"	"	303.5	Ditto	"
"	"	Road-roller	5½	5½ and 8½	Locomotive and traction.
"	Mount Eden	Stone-crushing	61	14½	First class.
"	Otahuhu	Abattoirs	45	6 and 10	Second class.
"	"	"	26	"	"
"	Western Springs	Pumping	40	26 and 42	First class.
"	"	"	40	"	"
Auckland Electric Tramway Company	Auckland	Road-roller	5	6½	Locomotive and traction.
"	"	Power-station	123	17 and 34, 18½, 27 and 38½	First class.
"	"	"	123	Ditto	"
"	"	"	123	"	"
"	"	"	123	"	"
"	"	"	123	"	"
"	"	"	123	"	"
"	"	"	123	"	"
"	"	"	123	"	"
"	"	"	123	"	"
"	"	"	123	"	"
Auckland Exhibition	Wonderland Park	Hauling	2	Two 3	Locomotive and traction.
Auckland Farmers' Freezing Company	Auckland	Refrigerating	45	11 and 20	First class.
"	"	"	76	8, 10, 19, and 28	"
"	Westfield	"	84	8 and 10	"
"	"	"	84	"	"
"	"	"	84	"	"
Auckland Gas Company	Auckland	Gasworks	100	Two turbines 50 B.H.P., one 12, one 12, four 7, two 8	"
Auckland General Hospital	"	Steaming	57	Nil	Second class.
"	"	Laundry	45	"	"
Auckland Harbour Board	"	Dredging	93	12 and 24	First class.
"	"	"	93	16, 26, and 43	"
"	"	Pile-driving	34	Two 10	Second class.
"	"	"	19	Two 8½	"
"	"	"	20	"	"
"	Calliope Dock	Pumping	56	Two 33	First class.
"	"	"	56	"	"
"	"	"	56	"	"
"	"	Sheer-legs	42	14 and 14	"
"	"	"	42	"	"
"	"	Machine-shop	25	12	Second class.
"	"	"	25	12	"
"	"	"	55	13	"
Auckland Meat Company	Auckland	Freezing	55	13	"
Auckland Rimu Timber Company	"	Sawmill	34	Two 12½	First class.
Auckland Shingle Company (Limited)	"	Dredging	20	8½ and 14½	"
Auckland Steam Laundry Company	"	Laundry	43	9	Second class.
Auckland Veneer and Timber Company	Onehunga	Woodworking	72	11	"
Bagnall Bros.	"	Box-factory	64	13	"
"	Turua	Sawmill	84	16	First class.
Bisset, J. E.	Opuawhanga	Hauling	8	5½ and 10	Locomotive and traction.
Bradley and Multrus	Near Thames	Sawmill	46	13	Second class.
Brett Publishing Company	Auckland	Steaming	61	13 and 14	First class.
Bright, L., and Co.	Aoroa	Idle	30	Two 14	"
Browne, S. G.	Opuawhanga	Hauling	8	6½ and 10	Locomotive and traction.
"	"	"	8	7 and 11	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
AUCKLAND DISTRICT— <i>continued.</i>					
Campbell, Ehrenfried, and Co. ..	Auckland ..	Beer-boiling ..	60	Nil ..	Second class.
Cashmore Bros. ..	Cox's Creek ..	Sawmill ..	64	18 $\frac{3}{4}$..	First class.
Chambers, John, and Son (Limited) ..	Auckland district ..	Hiring out ..	2 $\frac{1}{2}$	5 $\frac{1}{2}$..	Locomotive and traction.
Christie, H. ..	Motatau ..	Hauling ..	8	Two 6 $\frac{1}{2}$..	"
Clow, T. R. ..	Papatoetoe ..	" ..	7	8 ..	"
" ..	Auckland district ..	" ..	5	8 ..	"
Colonial Ammunition Company (Limited) ..	Mount Eden ..	Ammunition-works ..	70	8 $\frac{1}{2}$..	Second class.
Colonial Sugar-refining Company ..	Chelsea ..	Sugar-refining ..	38	Two 24 ..	First class.
" ..	" ..	" ..	38	" ..	"
" ..	" ..	" ..	38	" ..	"
" ..	" ..	" ..	38	" ..	"
" ..	" ..	" ..	35	" ..	"
" ..	" ..	" ..	35	" ..	"
" ..	" ..	" ..	35	" ..	"
" ..	" ..	" ..	168	Five 16, three 14, two 22, two 24 ..	"
" ..	" ..	" ..	168	Ditto ..	"
" ..	" ..	" ..	190	" ..	"
Cook, H. F., and Co. ..	Whangamumu ..	Boiling-down ..	83	One 6 $\frac{1}{2}$, two 7 $\frac{1}{2}$..	Second class.
Costley Home ..	Epsom ..	Heating ..	50	6 ..	"
Dargaville Sash and Door Factory Company ..	Dargaville ..	Sash and door factory ..	30	11 ..	"
Dargaville Timber Company ..	" ..	Sawmill ..	30	12 ..	"
" ..	" ..	" ..	25	12 ..	"
Devonport Borough Council ..	Takapuna ..	Pumping ..	16	9 and 16 ..	First class.
" ..	" ..	" ..	16	" ..	"
" ..	" ..	" ..	30	13 and 14 ..	"
Dominion Laundry ..	Auckland ..	Laundry-work ..	43	9 ..	Second class.
Donaghy and Co. ..	" ..	Rope-works ..	35	Two 10 $\frac{1}{2}$..	First class.
Drury Brick and Tile Company ..	Drury ..	Hauling ..	8	Two 7 ..	Locomotive and traction.
" ..	" ..	Brick-works ..	25	15 ..	First class.
Easson and Co. ..	Waima ..	Sawmill ..	26	10 ..	Second class.
Foreshore Gold-dredging Company ..	Thames ..	Dredging ..	20	8 and 13 ..	First class.
Franklin County Council ..	Franklin district ..	General work ..	6 $\frac{1}{2}$	Compound 6 and 10 ..	Locomotive and traction.
Fraser, G., and Sons ..	Auckland ..	Ironworks ..	25	6 $\frac{1}{2}$ and 10 ..	Second class.
Gammans Limited ..	Omanawa ..	Hauling ..	8	Two 7 ..	Locomotive and traction.
" ..	" ..	" ..	13	Two 7 $\frac{1}{2}$..	"
" ..	" ..	Sawmill ..	40	18 ..	First class.
Gibbons, R. P. (Limited) ..	Hikurangi ..	Hauling ..	9	Two 6 $\frac{1}{2}$..	Locomotive and traction.
" ..	" ..	Sawmill ..	52	16 ..	First class.
" ..	Taitai ..	Hauling ..	11	Two 6 $\frac{1}{2}$..	Locomotive and traction.
" ..	Tangowahine ..	Sawmill ..	52	One 13 $\frac{1}{2}$, one 14 ..	Second class.
Goldie, David ..	Auckland ..	" ..	25	20 ..	First class.
" ..	" ..	" ..	25	20 ..	"
" ..	Opuawhanga ..	Hauling ..	8	6 $\frac{1}{2}$ and 10 ..	Locomotive and traction.
" ..	Tutukaka ..	Sawmill ..	40	14 ..	Second class.
Great Northern Brewery ..	Newmarket ..	Brewery ..	23	10 ..	"
" ..	" ..	" ..	41 $\frac{1}{2}$	Nil ..	"
Grey Lynn Borough Council ..	Auckland ..	Road-roller ..	4	4 $\frac{1}{2}$ and 6 $\frac{1}{2}$..	Locomotive and traction.
Hancock and Co. (Limited) ..	Khyber Pass ..	Brewery ..	45	Two 10 ..	Second class.
Hauraki Reefs Gold-mining Company ..	Coromandel ..	Pumping and winding ..	35	20 ..	First class and winding.
Hellaby, R. and W. (Limited) ..	Westfield ..	Meat-works ..	62	Two 26 ..	First class.
" ..	" ..	" ..	45	" ..	"
" ..	Auckland ..	Freezing ..	79	One " 12, one 12, one 8, one 8 ..	Second class.
" ..	" ..	" ..	79	Ditto ..	"
Hikurangi Coal Company ..	Hikurangi ..	Pumping ..	25	Two 10, two 6 ..	"
" ..	" ..	Pumping and hauling ..	15	Two 8 $\frac{1}{2}$..	"
" ..	" ..	Ditto ..	25	Two 10, one 14 ..	"
Kauri Timber Company ..	Auckland ..	Sawmill ..	35	25 ..	First class.
" ..	" ..	" ..	50	Two 20 ..	"
" ..	" ..	" ..	50	" ..	"
" ..	" ..	" ..	50	" ..	"
" ..	" ..	" ..	50	16 ..	"
" ..	Kirikopuni ..	Hauling ..	10	Two 8 ..	Locomotive and traction.
" ..	Koutu ..	Sawmill ..	50	14 $\frac{1}{2}$..	First class.
" ..	" ..	" ..	56	16 ..	"
" ..	" ..	" ..	56	16 ..	"
" ..	Motatau ..	Hauling ..	8	Two 7 $\frac{1}{2}$..	Locomotive and traction.
" ..	" ..	" ..	10	" ..	"
" ..	Mount Eden ..	Sawmill ..	23	11 $\frac{1}{2}$..	Second class.
" ..	Pukete ..	Log-hauling ..	20	Two 8 ..	Locomotive and traction.
" ..	Te Kopuru ..	Sawmill ..	50	20 ..	First class.
" ..	" ..	" ..	65	20 ..	"
" ..	" ..	Box-factory ..	22	14 $\frac{3}{8}$..	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
AUCKLAND DISTRICT—<i>continued.</i>					
Kauri Timber Company	Te Kopuru ..	Fire-pump ..	24	16 ..	First-class.
"	Waipuna ..	Sawmill ..	50	16½ and 17½ ..	"
"	" ..	" ..	50	" ..	"
"	" ..	" ..	50	" ..	"
"	Whangapara ..	" ..	50	Two 16 ..	"
"	" ..	" ..	50	" ..	"
"	" ..	" ..	50	" ..	"
"	" ..	" ..	50	" ..	"
"	Whitianga ..	" ..	65	26 ..	"
"	" ..	" ..	65	26 ..	"
"	" ..	Fire-engine ..	24	8 ..	Second class.
Kempthorne, Prosser, and Co. ..	Westfield ..	Chemical-works ..	25	14 ..	"
"	" ..	" ..	25	14 ..	"
"	" ..	" ..	118	16 ..	First class.
King, H.	Pukete ..	Log-hauling ..	8	9½ ..	Locomotive and traction.
Kiripaka Sawmill Company ..	Ngunguru ..	Sawmill ..	68	Two 13 ..	First class.
Knight, B. L.	Tamaki ..	" ..	45	One 14½, one 11 ..	"
Komata Reefs Gold-mining Company	Komata ..	Crushing ..	25	14½ ..	"
"	" ..	" ..	38	13 ..	Second class.
Lamb, R. S., and "Co.	Hoanga ..	Sawmill ..	105	18 and 36 ..	First class.
"	Omana ..	Hauling ..	9	Two 6½ ..	Locomotive and traction.
Lane, T. M., and Sons	Totara North ..	Sawmill ..	20	Two 11 ..	First class.
"	" ..	" ..	14	Two 8½ ..	Second class.
Laurie Bros.	Waikumete ..	Brick-works ..	30	10 ..	"
Leyland and O'Brien	Auckland ..	Sawmill ..	36	12½ ..	"
"	" ..	" ..	36	Two 10 ..	"
"	Mechanics Bay ..	" ..	74	16½ ..	First class.
Lovatt, C. R.	Whangarei ..	Joinery-works ..	20	10 ..	Second class.
McAndrew, James, and Co. ..	Paeroa ..	Sawmill ..	27	11 ..	"
McIntyre, James	Onehunga ..	Ironworks ..	25	10 ..	"
McSheen Bros.	Pukekohe district ..	General ..	8	6½ and 10½ ..	Locomotive and traction.
Manukau County Council ..	Manukau County ..	" ..	6	5½ and 9 ..	"
Manukau Water-supply Board ..	Onehunga ..	Pumping ..	25	9½ and 16 ..	First class.
"	" ..	" ..	25	" ..	"
Maungatapere "Co-operative Dairy Company	Maungatapere ..	Butter-factory ..	17	8 ..	Second class.
Melville, B.	Avondale ..	Sawmill ..	5	7½ ..	Locomotive and traction.
Mennie, J. M. (Limited)	Auckland ..	Confectionery ..	88	Nil ..	Second class.
Moffitt, H. J.	Otahuhu district ..	General ..	6	8 ..	Locomotive and traction.
Mountain Rimu Timber Company ..	Mamaku ..	Hauling ..	12	Two 7½ ..	"
Mount Albert Borough Council ..	Avondale ..	Pumping ..	20	11½ and 17½ ..	First class.
"	Mount Albert ..	" ..	20	" ..	"
Mount Eden Borough Council ..	Mount Eden ..	Road-roller ..	5½	5½ and 11 ..	Locomotive and traction.
Nesbitt and Irving	Waitawhata ..	Log-hauling ..	21	Two 8½ ..	Second class.
Newmarket Borough Council ..	Newmarket ..	Road-roller ..	5	5½ and 9 ..	Locomotive and traction.
New May Queen Gold-mining Company	Thames ..	Winding ..	20	9 and 16 ..	Winding.
New Moanataria Gold-mining Company	" ..	" ..	35	Two 12 ..	"
New Saxon Gold-mining Company ..	" ..	" ..	32	12 ..	"
New Sylvia Gold-mining Company ..	Tararu Creek ..	Air-compressor ..	40	13 ..	Second class.
New Zealand Crown Mines Gold-mining Company	Karangahake ..	Electric generator ..	107	20½ and 30, 14 ..	First class.
Ditto	" ..	" ..	107	" ..	"
"	" ..	Crushing ..	56	17 and 25 ..	"
"	" ..	" ..	56	" ..	"
"	" ..	Pumping and winding ..	45	Two 10, one 14 ..	Winding.
"	" ..	Ditto ..	45	" ..	"
New Zealand Dairy Association ..	Pukekohe ..	Butter-factory ..	42	Two 10 ..	Second class.
New Zealand Government (Lands Department)	Piako Swamp ..	Dredging ..	9	Two 9½ ..	"
Ditto	" ..	" ..	9	" ..	"
New Zealand Government (Mental Hospitals Department)	Avondale ..	Steaming ..	30	7 and 9 ..	"
New Zealand Government (Public Works Department)	Hoteo ..	Stone-crushing ..	16	Two 9 ..	"
New Zealand Laundry Company ..	Auckland ..	Laundry ..	43	10 ..	"
New Zealand Packing Company ..	Matangi ..	Condensed - milk factory ..	65	Nil ..	"
New Zealand Portland Cement Company	Limestone Island ..	Cement-works ..	96	16 and 24, one turbine of 450 h.p.	First class.
"	" ..	" ..	96	Ditto ..	"
"	" ..	" ..	90	" ..	"
"	" ..	" ..	50	" ..	"
"	" ..	" ..	50	" ..	"
"	" ..	Hauling ..	20	Two 5½ ..	Locomotive and traction.
Niccol, George	New Lynn ..	Traction ..	4	Two 4½ ..	"
Northern Coal Company	Hikurangi ..	Mining ..	65	Two 10, two 8, one 14 ..	Winding.
"	" ..	" ..	68	Two 10 ..	Second class.
"	Kiripaka ..	Hauling ..	20	5½ ..	Locomotive and traction.
"	Waro ..	" ..	10	Two 4½ ..	"
"	" ..	Mining ..	14	Two 9 ..	Second class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
AUCKLAND DISTRICT— <i>continued.</i>					
Northern Roller Mills	Auckland	Flour-mill	56	16 and 30	First class.
"	"	"	80	"	"
Northern Steamship Company ..	Hulk "Eure"	Hoisting coal	25	Two 6 and 9, two 6 and 9, two 6 and 9	Second class.
Northern Wairoa Timber Company ..	Kirikopuni	Log-hauling	9	Two 6	Locomotive and traction.
"	Tototariki	Sawmill	48	14	Second class.
"	"	"	48	14	"
"	"	"	40	30	First class.
North New Zealand Coal and Cement Company ..	Whangarei	Coal-mine	50	Two 9	Second class.
Ditto	"	"	25	"	"
Old Hauraki Gold-mining Company ..	Coromandel	Pumping and winding	25	Two 8, one 20	First class and winding.
"	"	Ditto	25	"	"
"	"	Crushing	25	14½	First class.
Onehunga Woollen Company	Te Papa	Woollen-factory	50	4	Second class.
Parker-Lamb Timber Company	Auckland	Sawmill	40	18	First class.
"	North Albert Land	"	8	7 and 11½	Second class.
Pascoe, Elias	Newmarket	Stone-crushing	17	9	"
Peace and Webster	Opua	Sawmill	30	12½	"
Poole and Petrie	Mangaiti	Flax-mill	23	10	"
Premier Joinery Manufacturing Company ..	Auckland	Joinery-works	50	18	First class.
Price, A. and G.	Thames	Ironworks	50	8	Second class.
"	"	"	42	8	"
Pukekohe Town Board	Pukekohe district	General work	6	5½ and 9	Locomotive and traction.
Rangiora Timber Company	Kohukohu	Sawmill	60	12 and 13½	First class.
Remuera Road Board	Remuera	Road-roller	5½	5½ and 8½	Locomotive and traction.
Sabulite Limited	Waikumete	Explosives-factory	16	7	Second class.
Sharland and Co.	Auckland	Steaming	25	Nil	"
Smith, T. L.	Clevedon district	General	6	8½	Locomotive and traction.
"	"	"	6	8	"
Stokes, A. L.	Whakapara	Sawmill	20	Two 10	Second class.
Sutcliffe and Mounce	Paeroa	Hoisting on punt	40	Two 8½	"
Takapuna Sawmilling Company	Takapuna	Sawmill	25	10	"
Takapuna Tramway and Ferry Company ..	"	Hauling	25	12	Locomotive and traction.
Ditto	"	"	24	Two 12	"
"	"	"	16	Two 9½	"
Talisman Consolidated Gold-mining Company ..	Karangahake	Mining	95	18½ and 34	First class.
Ditto	"	"	95	"	"
"	"	"	106	"	"
"	"	"	106	"	"
"	"	"	95	"	"
"	"	"	95	"	"
Taupo Totara Timber Company	Mokai	Hauling	38.8	10 and 16	Locomotive and traction.
"	Newmarket	Sawmill	20	10	Second class.
Tauranga Sawmilling Company	Oropi	"	28	17	First class.
"	"	"	27	17	"
Te Aroha Sawmilling Company	Te Aroha	"	17	13	Second class.
Thames Drainage Board	Thames	Pumping and winding	40	30 and 60, 18 and 29½, two 14	First class and winding.
"	"	Ditto	40	Ditto	"
"	"	"	40	"	"
"	"	"	40	"	"
"	"	"	40	"	"
Thames Valley Dairy Company	Paeroa	Butter-factory	21	10	Second class.
Thomas, G.	Fairburn	Sawmill	25	10	"
Thompson and Hills	Auckland	Jam-factory	30	10½	"
"	"	"	46	10½	"
Trounson, J.	Kaihu	Sawmill	15	16	First class.
"	"	"	25	16	"
"	"	"	9	Two 6	Locomotive and traction.
Union Box Company	Rawene	Sawmill	70	16	First class.
Union Soap and Candle Company	Westfield	Soap-works	45	Nil	Second class.
"	"	"	40	16½	First class.
"	"	"	25	16½	"
Union Steamship Company	Hulk No. 1, Auckland	Hoisting	34	Six 6	Second class.
"	Hulk "Helen," Auckland	"	22	Two 8	"
United Timber Company	Mercer	Sawmill	20	15½	First class.
Waihi Extended Gold-mining Company ..	Waihi	Pumping and winding	62	Two 8, two 10	Second class and winding.
Waihi Gold-mining Company	"	Pumping, winding, and air-compressing	64	60 and 100, 35 and 70, 15 and 30, two 8, two 12, two 18	First class and winding.
"	"	Ditto	64	Ditto	"
"	"	"	145	"	"
"	"	"	145	"	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
AUCKLAND DISTRICT—<i>continued.</i>					
Waihi Gold-mining Company	Waihi Battery	Sawmill	40	14½	First class.
"	No. 2 Shaft, Waihi	Pumping and winding	70	Two 18, two 8, two 6, one 8	First class and winding.
"	"	Winding	70	Two 18	Winding.
"	No. 5 Shaft, Waihi	Pumping, winding, and air-compressing	88	60 and 30, 35 and 70, 15 and 30, two 8, two 12, two 18	First class and winding.
"	"	Ditto	88	Ditto	"
"	No. 6 Shaft, Waihi	Winding	70	Two 30	Winding.
"	"	Pumping and winding	70	"	First class and winding.
"	Waihi to Waikino	Hauling	18	Two 9	Locomotive and traction.
"	"	"	18	"	"
"	"	"	18	"	"
"	"	"	18	Two 10	"
"	"	"	18	"	"
"	Waikino	Crushing	50	19 and 36	First class.
"	"	"	50	"	"
"	"	"	50	"	"
"	"	"	50	"	"
"	"	"	50	"	"
"	"	Slimes treatment	40	12 and 21	"
"	"	Producer-gas plant	40	8, 8 and 8	Second class.
"	"	Stone-breaker	16	Two 10	"
Waihi Grand Junction Gold-mining Company	Waihi	Winding	80	Two 12, two 7	First class and winding.
Ditto	"	Mining	184	Four turbines, 580 horse-power each	First class.
"	"	"	184	Ditto	"
"	"	"	184	"	"
"	"	Power-house	184	Three turbines, 580 horse-power each, one turbine, 2,000 horse-power	"
"	"	"	184	Ditto	"
"	"	"	184	"	"
Waihi-Paeroa Gold-mining Company	Paeroa	Gold-saving	83	11 and 22, 21 and 40, three 6	"
"	"	"	83	Ditto	"
"	"	"	83	"	"
"	"	"	83	"	"
"	"	Dredging	14	Two 8½	Second class.
Waihi Standard Gold-mining Company	Waihi	Pumping and winding	14	Two 8½	Winding.
Waiotahi Gold-mining Company	Thames	Crushing and winding	35	Two 14	"
Waitaia Gold-mining Company	Kuaotunu	Crushing	35	15	First class.
Waitemata Sawmilling Company	Freeman's Bay	Sawmill	68	16	"
Walker, G.	Tuakau	Flax-mill	24	10	Second class.
Waller, Thomas, and Sons	Puni District	General	6	8	Locomotive and traction.
Warnock Bros.	Richmond	Tannery	50	16	First class.
Watchman Gold-mining Company	Tararu Creek	Air-compressing and quartz-crushing	35	14½ and 16	"
"	"	Ditto	30	"	"
Whakamarama Land and Timber Company	Omokoroa	Sawmill	19½	Two 10½	"
Whangape Timber Company	Whangape	"	25	14½	"
Whangarei Borough Council	Whangarei	Road-roller	5	5 and 8½	Locomotive and traction.
Whangarei Co-operative Dairy Company	"	Butter-factory	23	10	Second class.
White Pine Timber Company	Naumai	Sawmill	40	Two 18	First class.
"	"	"	40	"	"
"	"	"	65	"	"
"	"	Hauling	16	Two 8	Locomotive and traction.
Wilkinson, J.	Whangarei	Sawmill	20	One 12½, two 9	First class } connected.
"	"	"	14	"	"
Wilson's Portland Cement Company	Limestone Island	Cement-works	70	17 and 19½	First class.
"	Warkworth	"	72	"	"
AUCKLAND SOUTH DISTRICT.					
Allwill, J.	Hautapu district	Chaff-cutting	10	7 and 11	Locomotive and traction.
Auckland Rimu Timber Company	Ngongotaha	Sawmill	68	16 and 25	First class.
"	"	Hauling timber	12	Two 7½	Locomotive and traction.
Baldwin, Samuel	Cambridge district	Threshing	4	6½	"
Barnett, G. M.	Waotu	Sawmill	16	Two 9	Second class.
Bartholomew Land and Timber Company	Ngatira	"	65	18	First class.
Ditto	"	"	65	18	"
"	"	Log-hauling	19½	Two 11	Locomotive and traction.
Butler, M. P.	Mercer	Stone-crushing	5	7½	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
AUCKLAND SOUTH DISTRICT—<i>continued.</i>					
Cambie, D. C.	Mamaku	Sawmill	50	16	First class.
"	"	"	35	16	"
"	"	Log-hauling	23	Two 9	Locomotive and traction.
Cambridge Co-operative Dairy Company	Hautapu	Butter-factory	35	7 and 9	Second class.
Carlson, A.	Owhango	Sawmill	23	13	"
"	"	"	12	11	First class } coupled.
"	"	"	14	12	"
Chamberlain, L., Mrs.	Waimarino	Hauling	5	6½	Locomotive and traction.
Doar and Co.	Matiere	Sawmill	14	Two 10	Second class.
Ellis, J. W.	Manunui	"	70	14	"
Ellis and Burnand	Gray's Bush	Log-hauling	15	Two 8½	"
"	Hamilton	Sash and door factory	44	15½	First class.
"	Mangapeehi	Sawmill	50	Two 14	"
"	"	"	65	"	"
"	"	Log-hauling	12	Two 7½	Locomotive and traction.
"	"	Sawmill	38	18	First class.
"	"	Log-hauling	23	Two 9	Second class.
"	"	"	17	Two 9½	Locomotive and traction.
"	Manunui	Sawmill	51	Two 12	First class.
"	"	"	59	"	"
"	"	"	59	14½ and 18	"
"	"	Log-hauling	12	Two 9	Locomotive and traction.
"	"	"	12	Two 7½	"
"	Ongarue	Sawmill	75	18	First class.
"	"	"	75	18	"
"	"	Log-hauling	17	7½	Second class.
"	"	"	5½	6	Locomotive and traction.
Eureka Dairy Company	Hamilton	Creamery	21	10	Second class.
Eynon and Conder	Hinuera	Threshing	5	5½ and 8	Locomotive and traction.
Farrow, R. E.	Waitoa	Flax-mill	40	14½	First class.
Forrest, W.	Okahukura	Hauling	6	Two 6 and 9	Locomotive and traction.
Fullerton, S.	Te Kowhai district	Contracting	6	7	"
Gardner, G., and Sons	Oio	Sawmill	77	14½	Second class.
Hansen, F. C.	Waitoa	"	40	14½	First class.
Hayter and Gunn	Claudlands	"	14	Two 9½	Second class.
Huntly Brick and Fireclay Company	Huntly	Brick-works	36	10	"
"	"	"	26	12	"
Innes and Co.	Hamilton	Brewery	16	9½	"
Jarrett, C., and Son	Cambridge district	Threshing	5	5 and 8½	Locomotive and traction.
Kay, John	Paterangi district	"	6	8	"
Knight, B. L.	Raurimu	Hauling	12.5	7	"
"	"	Sawmill	47	13	Second class.
Lee and McKenzie	Mamaku	"	16	Two 10	"
"	"	Log-hauling	14	Two 9	Locomotive and traction.
"	"	"	14	"	"
Maisey Bros.	Turangamoana district	Threshing	4	6	"
Matai Sawmills Company (Limited)	Owhango	Sawmill	50	16	First class.
"	"	"	37	12	Second class.
Melville and Bailey	Te Awamutu district	Threshing	6	7½	Locomotive and traction.
"	Ditto	"	6	7½	"
Melville, R. J.	Cambridge district	"	5	7½	"
"	Cambridge	Chaff-cutting	6	5½ and 9	"
Meredith and Co.	Mangaroa	Sawmill	12	7½ and 11	Second class.
Mountain Rimu Sawmilling Company	Mamaku	"	76	16	First class.
"	"	"	76	16	"
"	"	Log-hauling	12	Two 7½	Locomotive and traction.
"	"	"	15½	Two 9	Second class.
New Zealand Dairy Association	Frankton	Casein-factory	17	Two 5	"
"	"	Diary factory	27	11	"
"	Ngaruawahia	"	70	8 and 16½	First class.
"	"	"	34	16	"
New Zealand Government (Department of Agriculture, Industries, and Commerce)	Te Kauwhata	Bark-mill	14	Two 9	Second class.
New Zealand Government (Mental Hospitals Department)	Tokanui	Steaming	38	Nil	"
Ditto	"	"	38	"	"
New Zealand Government (Tourist Department)	Rotorua	Heating	34	"	"
Northern Timber Company	Taupiri	Sawmill	86	14	"
"	"	Log-hauling	9	Two 8	Locomotive and traction.
"	"	"	15	Two 9	Second class.
O'Connor and Bullians	Taumarunui	"	15	Two 8½	"
O'Donoghue, P. J.	Kiwitahi	Chaff-cutting	6	5½ and 10	Locomotive and traction.
Ohura Co-operative Dairy Company	Nihoniho	Dairy factory	12	8½	Second class } coupled.
"	"	"	6	8½	"
O'Reilly, J.	Taumarunui	Brick-works	23	14	"
Parker-Lamb Timber Company	Mamaku	Sawmill	50	16	First class.
Patate Timber Company	Manunui	"	73	17½	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
AUCKLAND SOUTH DISTRICT—<i>continued.</i>					
Patate Timber Company	Manunui	Log-hauling	7	Two 8½	Second class..
"	"	"	18	"	Locomotive and traction.
"	"	"	22	8	"
Prouse Lumber (Limited)	Owhango	Sawmill	50	12	Second class.
"	"	"	40	12	"
"	"	"	37	12	"
"	"	"	14	12½	"
Pukuwaka Sawmills (Limited) ..	Matapuna	"	27	13	"
"	"	Log-hauling	8	Two 7	Locomotive and traction.
"	"	Sawmill	38	14	Second class.
"	"	"	15	14	"
"	"	"	25	14	"
"	"	"	12	Two 7½	Locomotive and traction.
"	"	"	20	Two 9	"
Raglan County Council	Ngarawahia district ..	Contracting	7½	5½ and 9½	"
Raglan Dairy Company	Raglan	Butter-factory	16	6½	Second class.
Roe, A. W.	Mamaku	Log-hauling	23	Two 9	Locomotive and traction.
"	"	Sawmill	27	12	Second class.
Rotorua Rimu Timber Company ..	"	"	23	Two 9	"
Seifert, F.	Tauhei	Flax-mill	12	7 and 11½	"
Selwyn Timber Company	Maungatapu	Log-hauling	28	Two 8	Locomotive and traction.
"	"	Sawmill	20	13½	Second class.
Steele, W.	Mamaku	Log-hauling	19	Two 7	"
"	"	"	26	Two 10½	Locomotive and traction.
"	"	Sawmill	43	14½	First class.
"	Maraeroa	"	32	13 and 19	"
Stevens and McPherson	Manunui	"	45	13	Second class.
"	Piriaka	"	42	16	First class.
Taringamotu Totara Sawmill Company (Limited)	Merenga	"	44	16	"
Ditto	Taringamotu	Log-hauling	19	11	Locomotive and traction.
"	"	Sawmill	39	12	Second class.
"	"	Log-hauling	17	10	Locomotive and traction.
"	Waitangi	Sawmill	45	14	Second class.
"	Waituhi	"	44	16	First class.
Taupiri Coal Company	Huntly	Pumping	14	Two 10	Second class.
"	"	Hauling	18	"	Locomotive and traction.
"	"	Winding	30	Two 18	Winding.
"	"	"	30	"	First class and winding.
"	"	Pumping	75	Two 9½ and two 7½	Second class.
"	"	Winding	75	9½ and 18	First class and winding.
"	"	"	72	Two 15	Winding.
"	"	"	72	"	"
"	"	"	42	Two 8 and two 9	"
"	"	"	77	"	"
"	"	"	42	"	"
"	Taupiri West	Hauling	20	Two 11½	First class.
"	"	Winding	14	20	Winding.
"	Huntly	Pumping	72	14 and 24, two 18, 16 and 20	First class.
"	"	Hauling	12	Two 8	Locomotive and traction.
"	"	Winding	35	20	Winding.
"	"	"	72	14 and 24 and two 18	"
Taupo Totara Timber Company ..	Mokai	Log-hauling	71	Two 8½ and two 11	First class.
"	"	"	18	Two 10	Second class.
"	"	"	13	Two 9	"
"	"	Sawmill	58	12 and 11	First class.
"	"	"	60	14½	"
"	"	Log-hauling	12	Two 7½	Locomotive and traction.
"	Mokai line	"	20	Two 12	"
"	"	"	20	"	"
"	"	"	13	Two 8	"
"	"	"	19	Two 8½	"
"	"	"	17	Two 10	"
"	"	"	19	Two 8½	"
"	Putaruru	"	55	13	Second class.
Taylor, W., and Sons	Taupiri	Chaff-cutting	5	7½	Locomotive and traction.
Te Aroha Dairy Company	Waihou	Dairy factory	25	10	Second class.
Te Kuiti Borough Council	Te Kuiti	Road-roller	4½	Two 5½	Locomotive and traction.
Vincent, C. J.	Huntly district	General	12½	11	"
Vowles, D.	Owhango	Sawmill	8	6½ and 11½	"
Waihi Gold-mining Company	Horahora	Hauling	8	7 and 11	"
"	"	"	8	9	"
Waikato Co-operative Dairy Company ..	Hamilton	Dairy factory	28	12	Second class.
Waikato Farmers' Co-operative Bacon Company	Frankton Junction ..	Freezing	88	Two 9 and 14½	First class.
Waipa Railway and Collieries (Limited)	Ngarawahia	Mining	17	9½	Second class.
Watkins Bros.	Kaitieke	Log-hauling	15	Two 9	"
"	Kakahi	"	6	8½	Locomotive and traction.
"	"	Sawmill	38	12	Second class.
Waugh Bros.	Rangiriri	General	7	8	Locomotive and traction.
Winger and Smith	Taumarunui	Sawmill	17	9	Second class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
CANTERBURY DISTRICT.					
Akaroa County Council	Akaroa district ..	Stone-crushing ..	9	6 and 10½	Locomotive and traction.
Allan, R.	Riccarton ..	Flour-mill ..	12	6½ and 11½	Second class.
Allinson, R.	Riccarton district	General ..	8	6½ and 11½	Locomotive and traction.
Andersons Limited	Lyttelton ..	Machine-shop ..	8	8½ ..	First class.
Andrews and Beaven	Christchurch ..	Engineers' tools..	45	9 and 17	First class.
Andrews Twine Company (Limited) ..	Kaiapoi ..	General ..	20	9 and 15	Locomotive and traction.
Andrews, S. P.	Waikuku ..	Twine-mill ..	6	8 ..	First class.
Aulsebrook and Co.	Coalgate ..	Stone-crushing ..	90	12 and 21	First class.
	Christchurch ..	Confectionery ..	16	8 and 12½	Second class.
			20	8½ and 12½	Second class.
			18	9 ..	Second class.
Bailey, G. W.	Templeton ..	General ..	9	6½ and 11	Locomotive and traction.
Baker, T. H., and Co.	Woolston ..	Fellmongery ..	20	12 ..	Second class.
Barry's Bay Dairy Company	Barry's Bay ..	Cheese-factory ..	17	6 ..	Locomotive and traction.
Batchelor, W. J.	Ashley district ..	Chaff-cutting only	6	8 ..	Locomotive and traction.
Beal, Mark	Eyretton ..	Threshing only ..	10	10 ..	Second class.
Bennett, H.	Lincoln district ..	General ..	8	6½ and 10	Second class.
			8	9 ..	Second class.
Blackball Coal Company	Lyttelton ..	Hoisting ..	20	Two 5, two 5, two 5	Second class.
Blakemore Bros.	Springston district	General ..	8	9 ..	Locomotive and traction.
Boag, John, jun.	Banks Peninsula ..	" ..	8	6½ and 10	Second class.
Booth, Douglas	Brookside district	" ..	9	6 and 10½	Second class.
Bowman and Bruere	Spotswood district	" ..	6	6 and 9½	Second class.
	West Oxford district	" ..	8	9 ..	Second class.
Bowman, John	Upper Riccarton district	" ..	8	9 ..	Second class.
Bowman, Mrs. R.	Cooper's Creek district	" ..	8	9½ ..	Second class.
Bowron Bros. Export and Trading Company (Limited)	Woolston ..	Tannery ..	17	8 ..	Second class.
Ditto	" ..	" ..	20	8 ..	Second class.
"	" ..	" ..	16	Nil ..	Second class.
"	" ..	" ..	17	" ..	Second class.
Boyd, Thomas, sen.	Kaikoura ..	Idle ..	8	9½ ..	Locomotive and traction.
Brightling, J.	Christchurch ..	Brick-making ..	30	12 ..	Second class.
Brown's Highbury Laundry	" ..	Laundry ..	20	7 ..	Second class.
	" ..	" ..	20	10 ..	Second class.
Brown, D. H., and Son	" ..	Flour-mill ..	30	8 and 12½	First class.
Burgess, William	" ..	Threshing ..	8	8½ ..	Locomotive and traction.
Burgin, Arthur	Swannanoa district	General ..	8	6 and 10	Second class.
	Ditto ..	" ..	7	8½ ..	Second class.
Burns, William	Broadfields ..	" ..	8	6½ and 10	Second class.
Burt, E. A.	Swannanoa district	Threshing only ..	8	9 ..	Second class.
Busch, H. W.	Christchurch ..	General ..	8	6 and 10½	Second class.
"	Christchurch district	" ..	5	5½ and 8	Second class.
Canterbury Rye-products Company ..	Sockburn ..	Boiling-down ..	44	9 and 14	First class.
Canterbury Central Dairy Company ..	Addington ..	Dairy factory ..	16	7 and 11	Second class.
Canterbury Frozen Meat Company ..	Belfast ..	Freezing ..	30	10 and 17	First class.
"	" ..	" ..	70	8 and 14	Second class.
"	" ..	Fellmongery ..	36	Nil ..	Second class.
"	" ..	" ..	36	" ..	Second class.
"	Christchurch ..	Hauling ..	20	Two 9	Locomotive and traction.
"	Belfast ..	Freezing ..	40	9, 14½ and 25, 8 and 14, 10 and 17	First class.
			40	Ditto ..	Second class.
Canterbury Seed Company	Heathcote ..	Seed-cleaning ..	20	12½ ..	Second class.
Chapman, H. J., and Son	Kaiapoi district..	General ..	6	7½ ..	Locomotive and traction.
Christchurch Brick Company	Hornby ..	Brick-making ..	12	12½ ..	Second class.
			50	12½ ..	Second class.
Christchurch City Council	Christchurch ..	Road-roller ..	7	8½ ..	Locomotive and traction.
"	" ..	Electricity ..	210	12 and 19, 13 and 19, 9 and 15, 8 and 12	First class.
"	" ..	" ..	103	Ditto ..	Second class.
"	" ..	" ..	103	" ..	Second class.
"	" ..	" ..	208	" ..	Second class.
"	" ..	Hauling ..	4	4½ and 6	Locomotive and traction.
"	" ..	Road-roller ..	6	5½ and 9	Second class.
"	St. Albans ..	" ..	6	5 and 8	Second class.
"	Sockburn ..	Heating ..	17	10 ..	Second class.
Christchurch Dairy Company	Christchurch ..	Dairy factory ..	24	7 and 11	Second class.
Christchurch Drainage Board	" ..	Pumping ..	25	15 and 26	First class.
Christchurch Gas Company	" ..	Gasworks ..	35	7 and 10	Second class.
"	" ..	" ..	35	7 and 9, one 12..	Second class.
"	" ..	Hauling ..	7	Two 7	Locomotive and traction.
Christchurch Hospital Board	" ..	Heating ..	50	11 and 5	Second class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
CANTERBURY DISTRICT— <i>continued.</i>					
Christchurch Meat Company	Islington	Freezing	40	15 and 27, 16 and 30, two 10 and 18	First class.
"	"	"	40	Ditto	"
"	"	Refrigerating	40	15 and 27, 10 and 18	"
"	"	"	80	Ditto	"
"	"	"	80	"	"
"	"	Hauling	10	Two 7	Locomotive and traction.
"	"	Drying wool	30	Two 4	Second class.
Christchurch Tramway Board	Christchurch	Electric tramways	110	Turbines	First class.
"	"	"	208	"	"
"	"	"	110	"	"
"	"	"	110	"	"
"	"	"	117	"	"
"	"	Hauling	8	Two 7½	Locomotive and traction.
"	"	"	8	"	"
"	"	"	8	"	"
"	"	"	8	"	"
"	"	"	8	"	"
"	"	"	8	"	"
"	"	"	8	Two 6½	"
"	"	"	8	"	"
"	"	Road-roller	4	5	"
"	"	Hauling	9	Two 10	"
Clark Estate, The	Flaxton district	General	8	8½	"
Clinton, Nicholas	Greendale district	Threshing	8	9	"
Clinton, W. F.	Darfield	"	8	9	"
Coe Bros.	Irwell district	Threshing only	8	9	"
Conway, W. F.	Spreydon	General	8	6½ and 11	"
"	"	"	8	9	"
Cook, H. H.	Christchurch	Sawmill	12	8 and 12½	First class.
Cooke, W., and Co.	Kaikoura district	"	20	12	Second class.
Cooper and Duncan	Christchurch	Foundry	20	8½ and 12½	First class.
Costello, M.	Domett district	General	6	9½	Locomotive and traction.
Cox and Power	Templeton	Chaff-cutting	4	6	"
Cridge, Albert	Brookside district	General	8	9	"
Curragh Bros.	Templeton	"	8	9	"
"	"	"	8	9	"
"	"	Threshing	8	9	"
Dalzell and Purvis	Rangiora district	Threshing only	9	6½ and 10	"
Davis, H. E.	Irwell district	"	8	"	"
Deans, John	Glentunnel	Brick-making	45	14½	First class.
"	"	Hauling	7	6 and 6	Locomotive and traction.
Dearsley and Taylor	Christchurch	Sawmill	30	10½	Second class.
Downer, W. H., and Co.	Sockburn district	Road-wagon	4	5 and 9	Locomotive and traction.
Duncan, P. and D.	Christchurch	Steam-hammer	30	Nil	Second class.
East, Frederick	Prebbleton district	General	8	"	Locomotive and traction.
Elmers, John	Waikari district	"	8	6½ and 10	"
Evans, Richard	Kaiapoi	Flour-mill	30	12	Second class.
"	Kaiapoi district	General	10	9½	Locomotive and traction.
"	"	"	8	8½	"
Everest and Sons	Greenpark district	"	8	6½ and 11	"
"	"	Threshing	8	8½	"
Feather, Edwin	North Loburn District	General	10	6½ and 11½	"
"	Ditto	"	8	6½ and 10½	"
Finlay, J. D.	Courtenay district	"	8	9	"
Gardiner, Herbert	Leeston district	Threshing	8	6½ and 11	"
Gardner, Ralph	Cust	Flour-mill	20	7 and 12	Second class.
Gibbs, H.	Halswell	General	8	6½ and 10	Locomotive and traction.
"	"	Hauling	8	6½ and 10½	"
Giles, Robert	Coalgate district	General	8	6½ and 11	"
"	Balcarrin district	Chaff-cutting	4	7½	"
Gillanders, D.	Darfield	Threshing	8	9½	"
Glenmore Brick and Tile Company (Limited)	Christchurch	Brick-works	50	16	First class.
Goodman, John	Marshlands district	Chaff-cutting only	4	3 and 5	Locomotive and traction.
Goss, William	Christchurch	Sawmill	30	12 and 23	First class.
"	"	"	30	"	"
Gowden, T. G.	Aylesbury	General	8	9	Locomotive and traction.
Greer Bros.	Papanui	"	8	9	"
Hadler, J. H.	Amberley district	"	8	9	"
Hadler, B.	"	"	7	7½	"
Hall, H.	Christchurch district	Threshing	8	6½ and 10	"
Halswell Quarry Company (Limited)	Halswell	Hauling	4	4½ and 6	"
"	"	"	10	7 and 11	"
"	"	Stone-crushing	9	6½ and 12	Second class.
"	"	"	22	Two 10½	First class.
Hampton, C.	Southbridge district	General	8	9	Locomotive and traction.
Hanna, Thomas	Sefton district	Threshing only	8	9	"
"	"	"	8	8½	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
CANTERBURY DISTRICT— <i>continued.</i>					
Harrison, H.	Scargill district ..	General ..	8	6½ and 11 ..	Locomotive and traction.
Hartnell, Leonard	Leeston district ..	" ..	8	8½	" ..
Heathcote Road Board	Heathcote ..	Road-roller ..	6	6 and 9½ ..	" ..
Henderson, C. W.	Kirwee district ..	General ..	7	8½	" ..
Henshall, T., and Son	Papanui ..	Woodworking ..	20	7½ and 11½ ..	Second class.
Herman, Ernest	Woodside district ..	General ..	8	6½ and 10½ ..	Locomotive and traction.
Hill, Walter	Woolston ..	Air-heating ..	35	12 and 19 ..	First class.
"	" ..	Tannery ..	30	"	" ..
Holland and Giles	Kaiapoi district ..	General ..	8	8½	Locomotive and traction.
Holland, Alfred	Kirwee district ..	" ..	7	8½	" ..
Howes, V.	Albury ..	" ..	9	9	" ..
Humm Bros.	Waddington district ..	Threshing ..	6	8	" ..
"	Ditto ..	General ..	4	7	" ..
Hunsley, W.	Christchurch ..	Sawmill ..	15	12 and 21 ..	First class.
"	" ..	" ..	15	"	" ..
Hutchinson, Foster, and Co.	Kirwee district ..	Threshing ..	8	6½ and 10½ ..	Locomotive and traction.
Johnston and Sons	Yaldhurst ..	General ..	8	9	" ..
"	" ..	" ..	9	6½ and 10½ ..	" ..
Johnston, J. A.	Kaikoura district ..	" ..	6	8	" ..
Jones, T. B.	Hororata district ..	" ..	8	9½	" ..
"	" ..	" ..	8	6½ and 10 ..	" ..
"	" ..	" ..	8	6 and 10 ..	" ..
"	" ..	" ..	10	7 and 11 ..	" ..
"	" ..	" ..	8	9½	" ..
Judd, George	Waddington district ..	Threshing only ..	6	7½	" ..
Judson, James	Woodend district ..	General ..	8	9½	" ..
"	" ..	" ..	8	8½	" ..
Kaiapoi Shipping and Trading Company (Limited)	Kaiapoi ..	Sawmill ..	14	7 and 12 ..	Second class.
Ditto	Rangiora ..	Woodworking ..	14	Two 8½ ..	" ..
Kaiapoi Woollen Mills	Kaiapoi ..	Woollen-mills ..	65	20 and 36 ..	First class.
"	" ..	" ..	30	"	" ..
"	" ..	" ..	30	"	" ..
Kaikoura Dairy Company	Kaikoura ..	Cheese-factory ..	17	6	Second class.
Kimber, A. H.	Lincoln district ..	General ..	8	6½ and 10½ ..	Locomotive and traction.
"	" ..	" ..	8	6½ and 10 ..	" ..
Langdown and Sons	Christchurch ..	Flour-mill ..	17	9	Second class.
Lavers, Charles E.	Prebbleton district ..	General ..	8	6 and 10½ ..	Locomotive and traction.
Lemon Bros.	Killinchy district ..	Threshing only ..	8	6½ and 11 ..	" ..
"	" ..	General ..	8	9	" ..
Lill, Frederick	Dunsandel district ..	" ..	8	9	" ..
"	" ..	" ..	8	9	" ..
Lincoln Agricultural College	Lincoln ..	" ..	8	6½ and 10 ..	" ..
Lyttelton Borough Council	Lyttelton ..	Pumping ..	20	11½ and two 12 ..	First class.
Lyttelton Harbour Board	" ..	Electric light ..	16	9 and 14, 9 and 14 ..	" ..
"	" ..	" ..	16	"	" ..
"	" ..	" ..	43	9 and 14, 9 and 14, two 14 ..	" ..
"	" ..	Pumping ..	15	Two 13½ ..	" ..
"	" ..	" ..	15	"	" ..
"	" ..	" ..	15	"	" ..
Lyttelton Times Company	Christchurch ..	Slip ..	38	Two 8½ ..	Second class.
"	" ..	Printing ..	15	9 and 14 ..	First class.
"	" ..	" ..	15	"	" ..
McCartney, Robert	Tai Tapu district ..	General ..	10	6½ and 11½ ..	Locomotive and traction.
McConnell, Robert J.	Killinchy district ..	" ..	8	6½ and 10½ ..	" ..
McCrostie and Cullen	Greendale district ..	" ..	10	7 and 11 ..	" ..
McCrostie and Westwood	" ..	" ..	9	9	" ..
McDonald Estate, The	Waikuku ..	Wool-scouring ..	20	12	Second class.
McEvedy, A. J.	Southbridge ..	Threshing only ..	8	6 and 10 ..	Locomotive and traction.
McIntosh, Donald	Waikari district ..	General ..	8	9	" ..
McKay, A. and G.	Halkett district ..	" ..	7	8	" ..
McMillan, R. T.	Irwell district ..	Threshing only ..	8	6½ and 10½ ..	" ..
McQuillan, Robert	Tuahiwi district ..	General ..	8	9	" ..
McWilliam, J.	Lake Coleridge ..	Hoisting and pile-driving ..	9	Two 8½ ..	Second class.
Maindonald, Henry	West Eyreton district ..	General ..	8	8½	Locomotive and traction.
Maindonald, Martin	Ditto ..	" ..	8	9½	" ..
"	" ..	" ..	8	6 and 10½ ..	" ..
"	" ..	" ..	8	9	" ..
"	" ..	" ..	8	6½ and 10½ ..	" ..
Malvern County Council	Darfield district ..	Roadwork ..	6	5½ and 9 ..	" ..
Manning and Co.	Christchurch ..	Brewery ..	50	One 7, two 5 ..	Second class.
Martin, Victor	Eyreton district ..	Threshing only ..	9	9½	Locomotive and traction.
Mathers Bros.	Saltwater Creek ..	Threshing ..	8	6½ and 11½ ..	" ..
Matthews, R. T.	Rangiora district ..	General ..	8	9	" ..
Maw Bros.	Southbridge district ..	" ..	8	9	" ..
"	Ditto ..	" ..	9	6½ and 10 ..	" ..

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
CANTERBURY DISTRICT—<i>continued.</i>					
Mehrtens, Henry	Rangiora district	General ..	8	6½ and 10½	Locomotive and traction.
Mills, John	Waikuku district	" ..	8	6½ and 10	"
"	" ..	" ..	8	" ..	"
Moffett, Robert	Spreydon district	" ..	9	" ..	"
"	" ..	" ..	8	" ..	"
Moir, William, and Co. ..	Southbrook ..	Flour-mill ..	30	12 and 20	First class.
Moody, Joseph B.	Woodend district	General ..	8	8½ ..	Locomotive and traction.
Morgan, Edward	Ashley district ..	" ..	6	8½ ..	"
Morris, F.	Waikuku district	" ..	8	6½ and 10	"
New Zealand Government Defence Department	Lyttelton ..	Searchlight ..	20	12 ..	Second class.
New Zealand Government (Mental Hospitals Department)	Sunnyside ..	Cooking ..	30	9 ..	"
Ditto	" ..	Heating ..	30	Two 9 ..	"
New Zealand Government (Public Works Department)	Bealey ..	Hoisting ..	18	Two 8½	"
Ditto	Lake Coleridge ..	Air-compressors ..	20	2 and 9½	"
"	" ..	Hauling ..	8	6½ and 10½	Locomotive and traction.
"	" ..	" ..	9	7½ and 11	"
New Zealand Government (State Coal-mines)	Christchurch district	" ..	6	4½ and 7	"
New Zealand Glue Company ..	Woolston ..	Glue-making ..	35	16 ..	First class.
New Zealand Provision and Produce Company	Belfast ..	Soap-works ..	17	Nil ..	Second class.
Ditto	" ..	Chemical-works ..	20	6 and 10	"
Nicholls, William	" ..	Wool-scouring ..	30	11 ..	"
North Canterbury Hospital Board ..	Riccarton Road ..	Heating ..	50	One 11, one 5, two 5	"
Osborne, George	Doyleston ..	General ..	8	6½ and 11	Locomotive and traction.
Paparua County Council	Sockburn ..	Hauling ..	8	9 ..	"
Parsons, Edward	Kincaid Downs ..	General ..	8	9½ ..	"
Peppler, A., and Co.	Sydenham ..	Woodworking ..	50	11 ..	Second class.
Perryman, H. E.	Taitapu district ..	General ..	8	6½ and 10½	Locomotive and traction.
Pester Bros.	Culverden district	" ..	8	9½ ..	"
Philpott, W.	Prebbleton ..	" ..	7	7½ ..	"
Pierson, Frank	Brookside district	" ..	8	6½ and 11	"
"	" ..	Threshing ..	8	6½ and 11	"
Powis and Fitzgerald	Waiau district ..	General ..	8	6½ and 10	"
Pulley, Percy	Loburn district ..	" ..	8	8½ ..	"
Quigley, Frank	Doyleston district	" ..	8	6½ and 11	"
Rangiora County Council	Rangiora ..	Road-roller ..	7	6½ and 10½	"
Reid and Gray	Christchurch district	General ..	6	8 ..	"
Reid, T. E., and J. H.	Bennett's Junction	Chaff-cutting only	5	5½ and 8	"
Reid, Robert	" ..	General ..	8	9 ..	"
Rice, Albert	Clarkville ..	Threshing only ..	9	6 and 10½	"
Robson, T. T.	Avonside ..	Fellmongery and wool-scouring	22	Nil ..	Second class.
Rossiter, John	Ashley district ..	General ..	8	6½ and 11	Locomotive and traction.
Russell, William J.	Hororata ..	" ..	8	9 ..	"
Schumacher, Richard	Sockburn ..	" ..	8	9 ..	"
Scott Bros.	Christchurch ..	Shop-tools ..	20	14 and 24	First class.
Scott, George	" ..	Confectionery ..	24	Nil ..	Second class.
Sefton Mutual Produce Company	Sefton ..	Butter-factory ..	30	8 ..	"
Sharp, John	Ladbrook's district	General ..	8	6½ and 10½	Locomotive and traction.
Shields, Thomas	Woodgrove district	" ..	8	9½ ..	"
Shields, Thomas A.	" ..	Threshing only ..	8	6½ and 10½	"
"	Waikari district ..	General ..	8	6 and 10½	"
Smart and Son	Hornby ..	Stone-crushing ..	18	Two 10½	First class.
Smith and Smith	Christchurch ..	Sawmill ..	53	Two sets 12 and 21	"
"	" ..	" ..	35	11½ ..	Second class.
Smith, M., and Son	Southbrook district	Woodworking ..	111	12 and 21	First class.
"	" ..	General ..	8	6½ and 11	Locomotive and traction.
Smith, James	" ..	Threshing only ..	8	6½ and 10	"
Spreydon Borough Council ..	Hillsborough ..	Brick-works ..	20	11½ ..	Second class.
Stevenson, J.	Spreydon ..	Road-roller ..	6	8 ..	Locomotive and traction.
Strachan, J. W.	Lake Coleridge ..	Hauling ..	9	6½ and 10½	"
Strange and Co.	Kaiapoi district ..	General ..	6	6 and 10	"
Swanston, A.	Christchurch ..	Cabinetmaking ..	25	12 ..	Second class.
"	" ..	Hauling ..	7	8½ ..	Locomotive and traction.
"	" ..	" ..	8	9½ ..	"
"	" ..	Sawmill ..	35	12 ..	Second class.
Terry Bros.	Lincoln district ..	General ..	8	6 and 10½	Locomotive and traction.
"	" ..	" ..	8	9 ..	"
Thornley, Samuel	Waikari district ..	" ..	8	6½ and 11½	"
Todd Bros.	Coutt's Island ..	" ..	8	8½ ..	"
"	" ..	Threshing ..	9	6½ and 10½	"
Tummer and Withell	Brookside district	General ..	8	" ..	"
Tyler, Charles, and Son	Rangiora district	Road-wagon ..	5	5 and 9	"
Union Steamship Company ..	Lyttelton ..	Hoisting ..	21	Two 5½, two 5, two 5½	Second class.
"	" ..	" ..	21	Two 5, two 6, one 8	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
CANTERBURY DISTRICT—<i>continued.</i>					
Vallance, Alexander	Sefton district ..	Threshing only ..	8	9	Locomotive and traction.
Waikuku Twine - manufacturing Company ..	Rangiora ..	Flax-mill ..	9	Two 8½ ..	Second class.
Waimairi County Council	Papanui ..	Road-roller ..	7	5½ and 9 ..	Locomotive and traction.
Waimakariri Harbour Board ..	Kaiaipoi ..	Dredge ..	14	7 and 11 ..	Second class.
Wardell Bros.	Christchurch ..	Freezing ..	50	9 and 14, 8 and 13½ ..	First class.
Watson, Gavin	" ..	Sawmill ..	25	10	Second class.
Watts, Thomas J.	Rakaia district ..	General ..	8	6½ and 11 ..	Locomotive and traction.
"	" ..	" ..	8	9	"
Westport Coal Company	Lyttelton ..	Hoisting ..	18	one 8, two 7, one 9 ..	Second class.
White, A. J., and Co.	Christchurch ..	Furniture ..	12	6 and 10½ ..	"
Whyte, James	East Oxford district ..	General ..	6	8	Locomotive and traction.
Williams and Meares	Christchurch district ..	" ..	8	9	"
Williams and Stephens	Christchurch ..	Sawmill ..	35	12 and 20 ..	First class.
Wood Bros. (Limited)	Addington ..	Flour-mill ..	45	13 and 23 ..	"
Wright, G. F.	Annat ..	Chaff-cutting only ..	4	6	Locomotive and traction.
Young, James	Sefton ..	Threshing ..	9	6½ and 10 ..	"
Zealandia Soap and Candle Company (Limited) ..	Woolston ..	Soap and candle making ..	30	8	Second class.
CANTERBURY SOUTH DISTRICT.					
Adams, S. J.	Waimate ..	Sawmill ..	16	9½	Second class.
Andrews, M.	Pleasant Point ..	General ..	8	6½ and 11 ..	Locomotive and traction.
Ashburton Dairy Company ..	Ashburton ..	Dairy factory ..	22	10	Second class.
Ashburton Woollen-mills	" ..	Woollen-mills ..	30	Nil	"
Batchelor, R. F.	St. Andrews ..	Threshing ..	9	9	Locomotive and traction.
Bean, Thomas	Hook ..	General ..	8	9	"
Beattie, A.	Geraldine ..	" ..	8	6½ and 11 ..	"
Beattie, R. W.	Temuka ..	" ..	8	9	"
Belford Mills Company	Timaru ..	Flour-mill ..	30	14 and 24 ..	First class.
Bell, W. H.	Tinwald ..	General ..	8	6½ and 11 ..	Locomotive and traction.
Benbow, W. C.	Temuka ..	" ..	10	6½ and 11½ ..	"
Bennison Bros.	Tinwald ..	" ..	8	7 and 11½ ..	"
"	" ..	" ..	8	6½ and 11 ..	"
Bennison, G. H.	Dromore ..	" ..	8	9½	"
"	" ..	" ..	8	6½ and 11 ..	"
Booth and McDonald	Waimate ..	" ..	8	6½ and 11½ ..	"
Bray, G. E.	Fairlie ..	" ..	6	8	"
Bray, J.	Cricklewood ..	" ..	8	9	"
Brown, J.	Milford ..	Chaff-cutting ..	8	6½ and 10½ ..	"
Campbell Bros.	Fairlie ..	General ..	8	9½	"
Campbell, P. D.	Hakataramea ..	" ..	10	6½ and 11½ ..	"
Canterbury Frozen Meat Company ..	Fairfield ..	Freezing ..	70	9, 14, and 25 ..	First class.
"	" ..	" ..	70	"	"
"	" ..	" ..	70	"	"
"	" ..	" ..	160	"	"
"	" ..	Hauling ..	15	8½ and 8½ ..	Locomotive and traction.
"	Pareora ..	Freezing ..	150	14, 22, and 36 ..	First class.
"	" ..	" ..	150	"	"
"	" ..	" ..	150	"	"
"	" ..	Hauling ..	15	8½ and 8½ ..	Locomotive and traction.
Capon Bros.	Winchmore ..	General ..	8	6½ and 10½ ..	"
"	" ..	" ..	8	6½ and 10½ ..	"
"	" ..	Threshing ..	8	9	"
Christchurch Meat Company ..	Smithfield ..	Freezing ..	83	16 and 29 ..	First class.
"	" ..	" ..	83	"	"
"	" ..	" ..	40	12 and 22 ..	"
"	" ..	" ..	40	"	"
"	" ..	Hauling ..	6	Two 5½ ..	Locomotive and traction.
Church, E. G.	Ashburton ..	General ..	8	9	"
"	" ..	" ..	8	9	"
"	" ..	" ..	9	6½ and 11 ..	"
Clark, W. J.	Levels ..	Threshing ..	7	9	"
"	" ..	General ..	8	6½ and 11 ..	"
"	" ..	" ..	8	"	"
"	" ..	" ..	8	"	"
Collins, W. H.	Ashburton ..	Woodworking ..	20	9½	Second class.
Crowley, M.	Otaio ..	General ..	8	8½	Locomotive and traction.
Crumb Bros.	Ashburton ..	Brick-works ..	16	6½ and 11½ ..	Second class.
Cumming Bros.	Waimate ..	General ..	8	8½	Locomotive and traction.
"	" ..	" ..	8	6½ and 11½ ..	"
Dann, E.	Woodbury ..	" ..	8	6 and 10½ ..	"
"	" ..	" ..	8	8½	"
"	" ..	" ..	8	9	"
Donnithorne, F.	Temuka ..	" ..	8	6½ and 11 ..	"
Douglas, S. J.	" ..	" ..	8	6½ and 11 ..	"
Eden, H.	Hook ..	" ..	8	9	"
Evans Atlas Flour-mills	Timaru ..	Flour-mill ..	30	14 and 24 ..	First class.
Earm Steam Power Company ..	Morven ..	General ..	8	9	Locomotive and traction.
Ferguson and Henry	Woodbury ..	" ..	8	9½	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
CANTERBURY SOUTH DISTRICT—<i>continued.</i>					
Fibbes, A.	Timaru ..	General ..	8	7½ and 10 ..	Locomotive and traction.
Fitzgerald Bros.	Ashburton ..	Sawmill ..	9	8½	"
"	" ..	General ..	8	6 and 10 ..	"
Frost, L.	Mayfield ..	" ..	8	6½ and 10½ ..	"
Geddes, R.	Waihao Downs ..	" ..	8	6½ and 10½ ..	"
Gillon, James	" ..	" ..	8	9	"
Gillum, H.	Temuka ..	" ..	8	5½ and 9½ ..	"
Greig, James	Gleniti ..	" ..	8	9	"
"	" ..	Chaff-cutting ..	8	9	"
Grigg, E. G.	Eiffelton ..	General ..	8	6½ and 10 ..	"
Grigg, J. C. N.	Longbeach ..	" ..	9	"	"
"	" ..	" ..	10	6½ and 11½ ..	"
Gudsell Bros.	Winchester ..	" ..	8	9	"
"	" ..	" ..	6	8½	"
Hamilton, Andrew	Gleniti ..	" ..	8	6½ and 11 ..	"
Hannefin, William	Morven ..	" ..	8	8½	"
Harkness, Walter	Levels ..	" ..	8	6½ and 10 ..	"
"	" ..	" ..	8	"	"
Harris, W. H.	Washdyke ..	Wool-scouring ..	20	10	Second class.
Hawkins Bros.	Waimate ..	General ..	8	9½	Locomotive and traction.
Hawkins, Thomas, and Son	" ..	" ..	8	6½ and 11½ ..	"
Hayman, H.	Studholme Junction ..	" ..	6	8	"
"	Ditto ..	" ..	8	6½ and 11½ ..	"
Hearn, C. F.	Rangitata Island ..	" ..	8	6½ and 10½ ..	"
Hicks, George	Hunter ..	" ..	8	9	"
"	" ..	" ..	8	9½	"
Holland, H.	Ashburton ..	Threshing ..	10	6½ and 11½ ..	"
Hopkins Bros.	Geraldine ..	General ..	7	8½	"
Hopkinson Bros.	Temuka ..	" ..	8	9	"
Jackson, A. G.	Hunter ..	" ..	8	9	"
Jackson, John	Timaru ..	Sawmill ..	25	14	Second class.
Johnson, A.	Fairview ..	General ..	9	6½ and 11 ..	Locomotive and traction.
Kellahan, J.	" ..	Chaff-cutting ..	7	6 and 10 ..	"
"	" ..	General ..	7	"	"
Kellahan, William	" ..	" ..	8	6½ and 11 ..	"
King, George	Washdyke ..	" ..	7	7½	"
Kirk, H. B.	Timaru ..	Heating ..	30	Nil	Second class.
Knox Bros.	Ashburton ..	General ..	8	6½ and 10½ ..	Locomotive and traction.
"	" ..	" ..	8	6½ and 10 ..	"
"	" ..	" ..	6	8½	"
"	" ..	" ..	8	6½ and 11 ..	"
"	" ..	Threshing only ..	8	6½ and 10½ ..	"
Lill, W.	Willowby ..	General ..	8	9	"
Lister, T.	Timaru ..	" ..	8	9½	"
Lithgow, J.	" ..	" ..	8	9	"
Lynch, D.	Chertsey ..	" ..	8	6½ and 10½ ..	"
McCormick Bros.	Pleasant Point ..	" ..	8	9½	"
McCormick, J.	" ..	" ..	8	9	"
McElhinnery Bros.	Ashburton ..	" ..	6	6 and 10 ..	"
McIntyre, J.	" ..	" ..	10	7 and 11½ ..	"
"	" ..	" ..	8	6 and 10 ..	"
McLachlan, J.	" ..	" ..	8	6½ and 10½ ..	"
McLeod, Alexander	Geraldine ..	" ..	9	6½ and 11½ ..	"
Manchester, James	Waimate ..	" ..	8	9	"
Meaclem, William	Ashburton ..	" ..	8	10	"
Meredith and Co.	Waimate ..	" ..	6	8	"
"	" ..	" ..	9	6½ and 10½ ..	"
"	" ..	" ..	8	6 and 10 ..	"
"	" ..	" ..	8	9	"
Meyers Bros.	Waituna ..	" ..	8	9	"
Montgomery Bros.	Makikihi ..	Chaff-cutting ..	8	9	"
Moses, William	Willowby ..	General ..	8	6½ and 10½ ..	"
Murdoch, John	Timaru ..	Sawmill ..	25	10	Second class.
O'Neill, W.	Orari ..	General ..	8	6½ and 11 ..	Locomotive and traction.
Orr, J., and Co.	Ashburton ..	" ..	8	9	"
Orr, T.	Waitohi Flat ..	" ..	8	6½ and 10½ ..	"
Palmer Bros.	Rangitata ..	" ..	8	9	"
Patterson, James	Waterton ..	Threshing ..	8	6 and 10 ..	"
Pelvin Bros.	Glenavy ..	General ..	8	6½ and 11½ ..	"
"	" ..	" ..	9	"	"
Preddy, J.	Temuka ..	" ..	8	9	"
"	" ..	" ..	8	6½ and 10½ ..	"
Quinn, William	Makikihi ..	" ..	8	8	"
"	" ..	" ..	8	9	"
"	" ..	" ..	8	6½ and 11½ ..	"
"	" ..	Brick-works ..	20	8½ and 13½ ..	First class.
Rae, James	St. Andrews ..	General ..	8	9½	Locomotive and traction.
Rainey, Thomas	Ashburton ..	" ..	8	9	"
"	" ..	" ..	8	6½ and 10½ ..	"
"	" ..	Threshing ..	8	6½ and 11½ ..	"
Robertson and Co.	" ..	Flour-mill ..	14	8½ and 12½ ..	First class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
CANTERBURY SOUTH DISTRICT— <i>continued.</i>					
Ruddenklau, H.	Waimate ..	General ..	8	6½ and 10½	Locomotive and traction.
Saunders, George	Pleasant Point ..	" ..	8	6 and 11	"
"	" ..	" ..	9	6½ and 10½	"
"	" ..	Threshing ..	9	9 ..	"
"	" ..	" ..	9	9 ..	"
Scott Bros.	Timaru ..	Electric light ..	57	14 and 24	First class.
"	" ..	" ..	57	" ..	"
"	" ..	" ..	57	" ..	"
Scott, J.	Geraldine ..	Sawing ..	9	9½ ..	Locomotive and traction.
Sheppard Bros.	St. Andrews ..	General ..	9	6½ and 11½	"
Sim Bros.	Peel Forest ..	" ..	8	9 ..	"
Simpson, Thomas	Albury ..	" ..	8	6½ and 10½	"
"	" ..	" ..	8	9 ..	"
Smith, J., and Co.	Ashburton ..	Woodworking ..	52	11 ..	Second class.
Snell, J.	Orton ..	General ..	8	8½ ..	Locomotive and traction.
Soal and Eden	Ashburton ..	Threshing ..	8	9 ..	"
South, J. C.	Geraldine ..	General ..	8	9½ ..	"
"	Winchester ..	" ..	8	9 ..	"
"	" ..	Threshing only ..	8	9 ..	"
South Canterbury Woollen-mills ..	Timaru ..	Woollen-mills ..	40	14 ..	Second class.
Stewart, D.	Geraldine ..	General ..	6	7½ ..	Locomotive and traction.
Stickings, C.	Pleasant Point ..	Chaff-cutting ..	5	6½ ..	"
Stocker, F.	Washdyke ..	Threshing ..	8	6½ and 11	"
Tacon, R. and J.	Kingsdown ..	General ..	8	9 ..	"
Tate, George	Orton ..	Threshing only ..	6	7½ ..	"
Tiffen, James	Makikihi ..	General ..	6	8 ..	"
Timaru Borough Council ..	Timaru ..	" ..	8	7 and 11	"
Timaru Harbour Board ..	" ..	Hauling ..	33	Two 12½	"
Tiney, M.	Arundel ..	Chaff-cutting ..	6	9 ..	"
Tozer, F.	Levels ..	General ..	8	6½ and 11	"
Tozer, J.	" ..	" ..	8	9 ..	"
Vincent, A.	Timaru ..	" ..	8	9 ..	"
Walker, J. C.	Temuka ..	" ..	8	9 ..	"
Westland Timber Company ..	Timaru ..	Sawmill ..	30	12 ..	Second class.
Willets, J.	Fairlie ..	General ..	8	6½ and 10½	Locomotive and traction.
Wilson, John, and Co.	" ..	" ..	8	9 ..	"
Wilson and Sparke	St. Andrews ..	" ..	8	6½ and 10½	"
Wilson, Thomas	Tinwald ..	" ..	8	6½ and 10½	"
"	" ..	" ..	6	6 and 10	"
Winter Bros.	Cave ..	" ..	8	6½ and 10½	"
Withell, J.	Ealing ..	" ..	16	6½ and 10½	"

HAWKE'S BAY DISTRICT.

Barker, A. J.	Waerenga-a-hika ..	Hauling ..	7	8½ ..	Locomotive and traction.
Benson, H.	Ormond ..	" ..	6	8½ ..	"
Borthwick, T., and Sons ..	Pakipaki ..	Freezing ..	100	14 and 26	First class.
"	" ..	" ..	100	" ..	"
"	" ..	" ..	100	" ..	"
Bowring and Cattermole ..	Ashcroft district ..	Chaff-cutting ..	7	8½ ..	Locomotive and traction.
Bull Bros.	Puketitiri ..	Sawmill ..	35	15½ ..	First class.
"	Napier district ..	Log-hauling ..	7	6 and 10	Locomotive and traction.
Burgess, F.	Makaretu ..	Sawmill ..	14	Two 9	Second class.
Carr, Samuel	Ongaonga district ..	Chaff-cutting ..	4	7½ ..	Locomotive and traction.
"	" ..	" ..	7	5½ and 9	"
Cattanach Bros.	Takapau district ..	" ..	6	8 ..	"
Codd, C.	Puketapu ..	Hauling ..	6	8 ..	"
Derrett Bros.	Ongaonga district ..	Chaff-cutting ..	6	5½ and 9	"
Drummond Bros.	Matawai ..	Sawmill ..	16	Two 9	Second class.
Fairhurst, J. H., and Co. ..	Dannevirke ..	Sash and door factory ..	30	13 ..	"
Feirabend, Conrad	Takapau ..	Flax-mill ..	12	7 and 11	"
Gisborne Brick Company ..	Gisborne ..	Brick-works ..	58	14½ ..	First class.
Gisborne Sheep-farmers' Freezing Company ..	" ..	Freezing ..	112	8 and 16, 12 and 22	"
Ditto	" ..	" ..	120	Ditto ..	"
Graham, W. J.	Kumeti ..	Sawmill ..	12	7½ and 11½	Second class.
Haines, W.	Dannevirke ..	Brick-works ..	25	13 ..	"
Hall, F.	Matawai ..	Sawmill ..	25	10 and 16	First class.
Hawke's Bay Dairy Company ..	Dannevirke ..	Butter-factory ..	20	8½ ..	Second class.
Hawke's Bay Laundry Company ..	Napier ..	Laundry ..	25	7½ ..	"
Hawke's Bay Soap and Tannery Company ..	Awatoto ..	Soap-works ..	50	7½ ..	"
Holt, R., and Sons	Napier ..	Sawmill ..	50	22 ..	First class.
"	" ..	" ..	40	22 ..	"
"	" ..	" ..	25	22 ..	"
"	" ..	Log-hauling ..	7	6 and 10	Locomotive and traction.
"	Puketitiri ..	Sawmill ..	12	Two 8½	Second class.
Hunter, W. G.	Ruaroa ..	" ..	12	" ..	"
Johnson, T. W., and Co. ..	Napier ..	Steaming ..	16	Two 7	"
Jones, J.	Waerenga-a-hika ..	Hauling ..	8	6½ and 11	Locomotive and traction.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
HAWKE'S BAY DISTRICT—<i>continued.</i>					
Kia Ora Dairy Company ..	Gisborne ..	Dairy factory ..	21	9	Second class.
Kotuku Oilfields Syndicate (Limited)	Waipatiki ..	Boring ..	21	10½	"
" ..	" ..	" ..	20	11½	"
Lighthand, A. G. ..	Tomosana ..	Tannery ..	32	9	"
Lindsay, J. R. ..	Tokomaru Bay ..	Traction ..	6	Two 5½ ..	Locomotive and traction.
McLeod, Alexander ..	Matawai ..	Sawmill ..	16	Two 9½ ..	Second class.
Napier Borough Council ..	Napier ..	Destructor ..	58	10	"
" ..	" ..	Road-roller ..	6	5½ and 8½ ..	Locomotive and traction.
" ..	" ..	Power-house ..	17½	9½	Second class.
" ..	" ..	Pumping ..	40	21 and 42 ..	First class.
" ..	" ..	" ..	100	20 and 40 ..	"
Napier Brewery Company ..	" ..	Brewery ..	30	8	Second class.
Napier Harbour Board ..	" ..	Hauling ..	10	Two 8	Locomotive and traction.
" ..	" ..	" ..	8	Two 6	"
" ..	Meanee ..	Dredging ..	25	12 and 22 ..	First class.
" ..	Napier ..	No. 2 crane ..	8	Two 8	Locomotive and traction.
" ..	" ..	40-ton crane ..	8	"	"
" ..	" ..	Hauling ..	21	Two 10	"
Napier Woollen Company ..	" ..	Woollen-factory ..	20	Nil	Second class.
Neilson, C. C. ..	Dannevirke district ..	General ..	6	8	Locomotive and traction.
" ..	Ditto ..	" ..	6	5½ and 9 ..	"
Nelson Bros. ..	Gisborne ..	Freezing ..	43	12, 13, and 25 ..	First class.
" ..	" ..	" ..	40	"	"
" ..	" ..	" ..	50	"	"
" ..	" ..	" ..	50	"	"
" ..	Tomosana ..	" ..	35	18 and 28, 18 and 30½ ..	"
" ..	" ..	" ..	35	Ditto	"
" ..	" ..	" ..	90	"	"
" ..	" ..	" ..	90	"	"
" ..	" ..	" ..	90	19 and 28, 18 and 30½ ..	"
" ..	" ..	" ..	90	Ditto	"
Norsewood Co-operative Dairy Company	South Norsewood ..	Butter-factory ..	17	9	Second class.
North British and Hawke's Bay Freezing Company	Napier ..	Freezing ..	50	12 and 22 ..	First class.
North British and Hawke's Bay Freezing Company	" ..	" ..	50	"	"
Ditto ..	" ..	" ..	50	"	"
" ..	Westshore ..	" ..	95	19 and 28 ..	"
" ..	Napier ..	Steaming ..	30	Nil	Second class.
Petrowski, Otto ..	Tikokino district ..	General ..	6	8	Locomotive and traction.
Pulley, C. F. ..	Wairoa ..	Hauling ..	6	Two 6½ ..	"
Quirk, Thomas ..	Gisborne ..	Steaming ..	36	Nil	Second class.
Ramlose Bros. ..	Rissington ..	Hauling ..	6	6 and 10 ..	Locomotive and traction.
Stevens and McPherson ..	Puketitiri ..	Sawmill ..	35	15½	First class.
Thomson, C. and T. ..	Makaretu North ..	" ..	14	12½	Second class.
Tiratu Timber Company ..	Tiratu ..	" ..	40	15	First class.
" ..	Mangatera ..	Planing-mill ..	17	11	Second class.
Tokomaru Harbour Board ..	Tokomaru Bay ..	Traction ..	5	Two 6	Locomotive and traction.
Tokomaru Sheep - farmers' Freezing Company	Napier ..	Freezing ..	107½	18 and 23 ..	First class.
Ditto ..	" ..	" ..	107½	"	"
" ..	" ..	" ..	107½	"	"
Williams, A. G. ..	Napier district ..	Hauling ..	7	6 and 10 ..	Locomotive and traction.
Woodville Bacon Company (Limited)	Woodville ..	Bacon-factory ..	25	21	First class.
" ..	" ..	" ..	25	21	"

MARLBOROUGH DISTRICT.

Alsop, John ..	Blenheim district ..	Traction-engine ..	6	5 and 9 ..	Locomotive and traction.
Baker and Freeth ..	Awatere ..	General ..	6	6 and 10½ ..	"
Bary, A. ..	Tuamarina ..	Brick and pipe works ..	18	10½ and 4½ ..	Second class.
Bishell, D. ..	Blenheim district ..	Traction-engine ..	8	6½ and 10½ ..	Locomotive and traction.
" ..	" ..	" ..	6	8	"
Blenheim Borough Council	Blenheim ..	Fire-engine ..	10	Three 8½ ..	First class.
Brownlee and Co. ..	Blackball ..	Sawmill ..	40	Two 16 ..	"
" ..	" ..	" ..	40	"	"
" ..	Carluka ..	" ..	43	Two 14 ..	"
" ..	" ..	" ..	43	"	"
" ..	Rai and Pelorus Valleys ..	Hauling ..	12	Two 8 ..	Locomotive and traction.
" ..	Ditto ..	" ..	10	"	"
" ..	" ..	" ..	20	Two 11 ..	"
" ..	" ..	" ..	10	Two 8 ..	"
" ..	Opouri Valley ..	Bush engine ..	15	Two 8½ ..	Second class.
" ..	" ..	" ..	20	Two 8½ ..	"
" ..	" ..	" ..	15	Two 9 ..	"
Bryant Bros. ..	Pelorus Valley ..	Sawmill ..	28	10½	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
MARLBOROUGH DISTRICT—<i>continued.</i>					
Chaytor and Co. (Limited) ..	Marshlands ..	Pumping ..	14	Two 8½ ..	Second class.
Christchurch Meat Company ..	" ..	Flax-mill ..	20	8 and 12½ ..	First class.
" ..	Picton ..	By-product plant ..	12	Two 5, 6, two 7½, 12 ..	"
" ..	" ..	" ..	12	" ..	"
Dalke, Henry G. ..	The Elevation ..	Brick-works ..	16	9 ..	Second class.
Drake and Monson ..	Blenheim ..	Traction-engine ..	6	5½ and 9 ..	Locomotive and traction.
Fowler, W. T. ..	Wairau Valley ..	General ..	6	8 ..	"
Ham, Robert ..	Blenheim district ..	Traction-engine ..	8	9 ..	"
" ..	" ..	" ..	8	6½ and 10½ ..	"
Healy, John, jun. ..	" ..	" ..	8	9 ..	"
Hewetson, A. J. ..	Havelock ..	" ..	7	6 and 10 ..	"
Higgins, John ..	Awatere district ..	" ..	8	6½ and 11½ ..	"
Jermyn, J. ..	" ..	" ..	6	5½ and 9 ..	"
Jones, William ..	Blenheim district ..	" ..	6	" ..	"
Litchfield, W. A. ..	" ..	" ..	6	6 and 10 ..	"
" ..	" ..	" ..	8	6½ and 11 ..	"
" ..	" ..	" ..	8	" ..	"
Marlborough Timber Company ..	Opouri Hill ..	Hauling ..	21	Two 7½ ..	Second class.
" ..	Opouri Valley ..	Sawmill ..	73	17 ..	First class.
" ..	" ..	" ..	73	17½ ..	"
" ..	" ..	Hauling ..	8.5	Two 6½ ..	Locomotive and traction.
" ..	" ..	Bush engine ..	29	Two 9 ..	Second class.
Mills, F. F. ..	Blenheim district ..	Traction-engine ..	8	9 ..	Locomotive and traction.
Nees and McLean ..	Wakamarina ..	Sawmill ..	8	6½ and 11½ ..	Second class.
Parkes Bros. ..	Blenheim district ..	Traction-engine ..	7	6 and 10 ..	Locomotive and traction.
" ..	" ..	" ..	7	" ..	"
Patchett, John ..	" ..	" ..	8	6½ and 11 ..	"
" ..	" ..	" ..	8	" ..	"
Pike, W. D. and T. ..	Blenheim ..	" ..	8	7 and 11 ..	"
" ..	" ..	" ..	7	6½ and 11 ..	"
" ..	Blenheim district ..	" ..	6	6 and 10½ ..	"
Robertson Bros. ..	Rai Valley ..	Sawmill ..	34	14½ ..	First class.
Roskrue, F. ..	Blenheim district ..	Traction-engine ..	8	9½ ..	Locomotive and traction.
Smart Timber Company ..	Blenheim ..	Planing-mill ..	15	7 and 11½ ..	Second class.
Smart, Charles William ..	Wakamarina ..	Sawmill ..	36	16½ ..	First class.
Smart, F. A. ..	" ..	" ..	20	8 and 12½ ..	"
Smith, G. A., and Co. ..	Picton ..	Sash and door factory ..	35	12 ..	Second class.
Snowden, John ..	Awatere district ..	Traction-engine ..	6	6½ and 10 ..	Locomotive and traction.
Wairau Roller Flour-mills ..	Blenheim ..	Flour-mill ..	17	7 and 12 ..	Second class.
Ward, J. J., and Sons ..	" ..	Sash and door factory ..	22	7½ and 11 ..	"
White, Charles ..	Onamalutu ..	Sawmill ..	20	Two 10½ ..	First class.
NELSON NORTH DISTRICT.					
Anchor Foundry Company ..	The Port ..	Engineering-works ..	23	7 ..	Second class.
Baigent, H. ..	Awaroa ..	Sawmill ..	12	7 and 11½ ..	"
" ..	Nelson ..	Sash and door factory ..	23	10 ..	"
" ..	West Takaka ..	Sawmill ..	25	13 ..	"
Bassett, John, and Sons ..	Rakopi ..	" ..	16	10 ..	"
Best, P. H. ..	Waimeas ..	Traction-engine ..	6	5½ and 9½ ..	Locomotive and traction.
Bird, A. D. ..	Whangamoa ..	Sawmill ..	12	Two 9½ ..	Second class.
Black and Sigley ..	Awaroa ..	" ..	33	10½ ..	"
Collingwood Co-operative Dairy Company ..	Rockville ..	Cheese-factory ..	30	7 and 11 ..	"
Edmondson Bros. ..	Romack Creek ..	Sawmill ..	14	Two 8½ ..	"
Foster and Griffiths ..	Motueka ..	Dredging ..	25	Two 12, two 5½, two 6 ..	First class.
Golden Bay Cement Company ..	Tarakoke ..	Cement-works ..	219	16½, 24½, 37½, 18, 9½, 12 ..	"
" ..	" ..	" ..	219	Ditto ..	"
Golden Bay Dairy Company ..	Takaka ..	Butter-factory ..	17	8½ ..	Second class.
Grant, George D. ..	Puramahoi ..	Sawmill ..	18	10 ..	"
Grant, William ..	Rockville ..	Sawing ..	40	9½ ..	"
" ..	Silverstream ..	Bush engine ..	15	Two 8½ ..	"
" ..	Upper Aorere ..	Sawmill ..	12	" ..	"
Griffin and Sons (Limited) ..	Nelson ..	Biscuit and confectionery factory ..	20	8 and 12 ..	First class.
Heath Bros. ..	Kaka ..	Sawmill ..	20	Two 7 ..	Second class.
Hewetson, Thomas ..	Upper Moutere ..	General ..	5	5½ and 9½ ..	Locomotive and traction.
Higgins, P. J. ..	Kiwi ..	Traction-engine and sawmill ..	8	9 ..	"
Hill, A. ..	Waimea ..	Traction-work ..	4	6½ ..	"
Hunt, G. and A. ..	88 Valley ..	" ..	5	7½ ..	"
Kirkpatrick, S., and Co. ..	Nelson ..	Preserving-factory ..	50	9, 8, 6, and 4 ..	Second class.
Miller, A. ..	" ..	Sash and door factory ..	16	8½ ..	"
Neiman, Charles H. ..	Waimea ..	Traction-work ..	6	8 ..	Locomotive and traction.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
NELSON NORTH DISTRICT—<i>continued.</i>					
Nelson City Council	Nelson	Road-roller	6	8	Locomotive and traction*
"	"	Driving air-compressors	20	Two 8, two 5 ..	Second class.
"	"	Ditto	20	"	"
Nelson Freezing Company	Stoke	Boiling-down and heating	24	Two 8, two 4 ..	"
Nelson Harbour Board	Nelson	Dredge	55	20 and 36 ..	First class.
New Zealand Government (Public Works Department)	Nelson	Idle	55	8 ½	Locomotive and traction
Page and Whelham	Long Plain	Sawmill	14	Two 9 ½ ..	Second class.
Price, T. A.	Belgrove	Traction-work ..	6	7 ½	Locomotive and traction.
Prouse and Saunders	Mangarakau	Locomotive	9	7	"
"	Paturu Valley	Sawmill	45	16 ½ and two 6 ..	First class.
Puponga Coal Company	Puponga	Mining	40	Three 8, 18 and 9	First class and winding.
"	"	"	40	"	"
"	"	"	47	"	"
"	"	Locomotive	8	Two 7	Locomotive and traction.
Robertson Bros.	Nelson	Sash and door factory	30	12 ¾	Second class.
Schroder, Charles	Waimea	Traction-engine ..	6	8	Locomotive and traction.
Schwass, H. H.	"	"	8	8	"
Sigglekow Bros.	"	"	6	8	"
Soper, R.	Puramahoi	"	6	8	"
Starnes, F. W.	Motueka	"	6	5 ½ and 8 ½ ..	"
Stilwell and Co.	"	Sash and door factory	16	10 ½	Second class.
Tasker and Levien	Westhaven	Flax-mill	12	Two 8 ½ ..	"
Thomas and Co.	Belgrove	Sawmill	12	Two 9	"
Tunnicliff, H.	Wangapeka	Planing-mill	12	Two 8 ½ ..	"
Waimea County Council	Waimeas	Traction-engine ..	7	6 ½ and 11 ..	Locomotive and traction.
Walker Bros.	Bainham	Sawmill	20	12 ½	Second class.
Watson, Charles F.	Wai-iti	Traction-enigne ..	6	8 ½	Locomotive and traction.
Watson, G. B.	Pakawau	Sawmill	21	10	Second class.
Whelham, A., and Co.	Takaka	Sash and door factory	16	8 ½	"
Wilson, J. and A.	Tonga Bay	Stone-works	16	7 and 11 ½ ..	"
Win, J. W.	Dovedale	Farm-work	6	6 and 11 ..	Locomotive and traction.
NELSON SOUTH DISTRICT.					
Big River Gold-mining Company ..	Big River	Mining	184	Two 20, one 16, one 6	First class.
"	"	Sawmill	14	Two 8 ½ ..	Second class.
Blackball Coal Company	Blackball	Mining	52	Two 15, 14 ½, 8, 9, and 12	First class.
"	"	"	20	14	Second class.
"	"	"	20	14	"
"	"	"	48	Two 15, 14 and 8	First class.
"	"	"	20	Two 15 ..	"
Bowater and Bryan	Cape Foulwind ..	Hauling	23	Two 6	Second class.
"	"	"	12	Two 7 ½ ..	Locomotive and traction
"	"	Sawmill	28	17 ½	First class.
"	"	"	32	15 ½	"
Consolidated Goldfields of New Zealand (Limited)	Crushington	Mining	60	12 ½ and 20 ..	"
Ditto	Energetic Mine ..	Winding	48	Two 5, two 18, 22	"
"	"	Mining	50	"	"
"	"	"	48	"	"
"	Globe Hill	"	85	Two 16, 24, 6 ½ ..	"
"	"	"	85	"	"
"	"	"	50	"	"
"	"	"	20	Two 11 ..	Winding.
"	Reefton	"	20	Two 12 ..	"
"	Quartz Creek	"	20	12	Second class.
"	Reefton	Hauling	8	6 ½ and 11 ½ ..	Locomotive and traction
"	Waiutu	Mining	50	Two 14, two 14, two 7, 16, 4 ½	First class and winding.
"	"	Steaming	30	Nil	Second class.
"	Wealth of Nations Mine	Mining	60	12 ½ and 20 ..	First class.
Cooper and Carey	Waimangaroa	Sawmill	30	8 ½ and 15 ½ ..	"
Dobson Sawmilling Company	Dobson	"	25	8 and 12 ½ ..	"
Forest Sawmilling Company	Bell Hill Road ..	"	30	9 and 14 ..	"
Hawes, J.	Cape Foulwind ..	"	30	Two 8	Second class.
Karama Sawmilling Company	Karama	"	20	7 and 11, 8 ..	"
"	"	Hauling	28	Two 7	Locomotive and traction.
"	Oparara	Sawmill	30	14 ½	First class.
Keep-it-Dark Gold-mining Company ..	Crushington	Mining	25	Two 11 ..	Winding.
"	"	"	20	7 and 11 ½ ..	Second class.
Marris, J. and S.	St. Helen's	Sawmill	28	14	"
Morley, J. H.	Westport	Brewery	23	6	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
NELSON SOUTH DISTRICT—<i>continued.</i>					
Murray Creek Gold-mining Company	Murray Creek ..	Mining.. ..	60	Two 11, 14 ..	Second class.
Nahr, W., and Co.	Westport ..	Brewery ..	23	6	"
Neighbour and Sons	Waimangaroa ..	Brick-works ..	17	9	"
New Zealand Government (State Coal-mines)	Brunnerton ..	Mining.. ..	55	7 and 11, two 16, 14, two 18, 10	First class.
Ditto	" ..	" ..	49	7 and 11, 7 and 11, two 9, 10, two 6	Second class.
"	" ..	" ..	49	Two 10½ ..	First class.
"	Greymouth ..	" ..	60	7 and 11, 14, two 16, 10, two 18, 4	"
"	" ..	" ..	64	Ditto	"
"	" ..	" ..	64	"	"
"	" ..	" ..	60	"	"
"	" ..	" ..	64	"	"
"	" ..	" ..	49	7 and 11, 7 and 11, two 9, two 6, 10 and 6	"
"	" ..	" ..	36	7 and 11, two 10, two 10½	"
"	" ..	" ..	64	Ditto	"
"	" ..	Sawmill ..	20	7 and 11½ ..	Second class.
"	Seddonville ..	Mining.. ..	43	Two 6, 8 ..	"
"	" ..	" ..	60	15	First class.
"	State " Extension ..	" ..	43	16	"
"	" ..	" ..	64	12, 10, 6 ..	Second class.
Paparoa Coal Company	Roa ..	" ..	19	14½ ..	First class.
Point Elizabeth Coal-mining Company	Brunnerton ..	" ..	35	Two 8½, 11, two 5, 10, two 4½, 5	Second class.
"	" ..	" ..	35	Ditto	"
"	" ..	" ..	20	Two 5, 12, 8 ..	"
Reefton Electric Light Company ..	Reefton ..	Dynamo ..	40	10 and 16 ..	First class.
Simpson, J. R.	Oparara ..	Flax-mill ..	17	10	Second class.
Stratford and Blair	Karamea ..	Sawmill ..	28	14½ ..	First class.
Success Gold-dredging Company ..	Blue Spur Creek ..	Dredging ..	43	9 and 15 ..	"
Turner Bros.	Atarau ..	Sawmill ..	20	7 and 11½ ..	"
Watson, R.	Charming Creek ..	Locomotive ..	8	9½	Locomotive and traction.
Westport Borough Council	Westport ..	Straker-wagon ..	6	5 and 7 ..	"
"	" ..	Fire-engine ..	7	Three 7 ..	Second class.
Westport Coal Company	Brakehead ..	Mining.. ..	84	Three 16, six 8, four 7, three 6, two 5	First class.
"	" ..	" ..	84	Ditto	"
"	" ..	" ..	84	"	"
"	" ..	" ..	84	"	"
"	Burnetts Face ..	" ..	58	10 and 16, two 6, 8	"
"	" ..	" ..	86	"	"
"	Coalbrookdale ..	" ..	80	10 and 16, three 14, two 12, two 8, two 6, two 6, 8, 16	"
"	" ..	" ..	80	Ditto	"
"	" ..	" ..	84	"	"
"	Kiwi ..	" ..	50	Three 14, two 12, four 8, 10	"
"	" ..	" ..	50	Ditto	"
"	" ..	" ..	84	"	"
"	Mine Creek ..	" ..	55	Four 14½, 20, 13, 6½	"
"	" ..	" ..	55	Ditto	"
"	" ..	" ..	86	"	"
"	" ..	" ..	55	"	"
"	" ..	" ..	58	"	"
"	" ..	" ..	58	"	"
Westport Harbour Board	Cape Foulwind ..	Hauling ..	30	Two 9½ ..	Locomotive and traction.
"	" ..	" ..	30	Two 10½ ..	"
"	" ..	" ..	35	"	"
"	" ..	25-ton crane ..	9	Two 9 ..	Second class.
"	" ..	" ..	9	"	"
"	" ..	" ..	9	"	"
"	" ..	20-ton crane ..	10	"	"
"	Cape Fowlwind Railway ..	Hauling ..	20	Two 9½ ..	Locomotive and traction.
"	Ditto ..	" ..	20	"	"
Westport-Stockton Coal Company ..	Ngakawau ..	Mining.. ..	95	Two 12, two 17, two 26, two 8, 6, 5½	First class.
"	" ..	" ..	95	Ditto	"
"	" ..	" ..	95	"	"
"	" ..	" ..	95	"	"
Williams, D. J.	Waimangaroa ..	Flax-mill ..	30	8 and 11½ ..	Second class.
Yellow Pine Exploration Timber Company	Near Mokihinui Mine	Sawmill ..	12	12½	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—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.
OTAGO DISTRICT.					
Adams and Cardno	Mount Cargill	Sawmill	18	11	Second class.
Adam's Flat Gold-dredging Company	Adam's Flat	Gold-dredge	32	8 and 13	First class.
Allison and Hassett	Milton district	Threshing	8	9	Locomotive and traction.
Arthur, A.	Tiraiti district	Chaff-cutting	3½	6½	"
Ballock, R.	Clinton district	Threshing and chaff-cutting	8	9	"
Bayley, John	Burnside	Tannery	25	14½	First class.
Bichan, George, and Co.	Otanomomo	Flax-mill	20	9 and 14	"
Brown Bros.	Mosgiel district	Threshing only	8	9	Locomotive and traction.
"	"	"	7	8½	"
Brown Bros. and Loudon	Abbotsford	Fellmongery	28	11½	Second class.
Bruce Dredging Company	Glenore	Gold-dredge	18	8 and 13	First class.
Bruce Railway and Coal Company	Dunedin	Hauling	12½	Two 8	Locomotive and traction.
"	"	"	56	8½	Second class.
Bruce Woollen Company	Milton	Woollen-mills	159	12 and 21	First class.
Buchanan, W.	Beaumont district	Chaff-cutting	8	9	Locomotive and traction.
Cameron's Freehold Dredging Syndicate	Glenore	Gold-dredge	20	8 and 12½	First class.
Carradus and Polson	Windsor	General	6	7	Locomotive and traction.
"	"	"	8	6½ and 10½	"
"	"	"	8	9	"
Christchurch Meat Company	Burnside	Freezing	80	12 and 22	First class.
"	"	"	80	"	"
"	Pukeuri Junction	"	53	"	"
"	"	"	45	"	"
"	"	"	45	"	"
Christie Bros.	Abbotsford	Hauling	12	Two 8½	Second class.
Christie, T. B.	Balclutha district	Chaff-cutting	6	6 and 10½	Locomotive and traction.
"	"	Threshing	8	9	"
Clark Bros.	Maheno	Hauling	6	8	"
"	"	"	8	5½ and 9½	"
"	"	"	9	5½ and 8	"
Clark, D.	Maheno district	Chaff-cutting	8	9	"
Cossens and Black	Totaratahi	General	8	9	"
Craig, J., and Co.	Dunedin	Machine tools	25	11	Second class.
Cross, R. W.	Oamaru	Sawmill	20	14	"
"	Waiwera South district	Chaff-cutting and threshing	8	9	Locomotive and traction.
Crossan, Alexander	Kelso district	Ditto	8	9	"
Crown Roller Mills	Dunedin	Flour-mill	40	14½ and 24	First class.
Dawson and McKechnie	Ratanui	Sawmill	20	10	Second class.
Denton Hat Mills	Dunedin	Hat-factory	50	7	"
Donaghy and Co.	South Dunedin	Rope-works	40	16 and 26	First class.
Duncan and Co.	Tapanui district	Threshing and chaff-cutting only	7½	8	Locomotive and traction.
Dunedin City Council	Burnside	Boiling blood	25	Nil	Second class.
"	Dunedin	Gasworks	40	Two 5½	"
"	"	"	40	"	"
"	"	Heating new baths	56	Nil	"
"	"	"	56	"	"
"	"	Road-roller	6	6 and 10	Locomotive and traction.
"	"	Motor-wagon	6	Two 7½	"
Dunedin Engineering and Steel Company	"	Machine tools	72	14½	Second class.
Dunedin and Kaikorai Tram Company	Kaikorai	Hauling	48	14½ and 16	First class.
"	"	"	25	14½	"
Dunedin and Roslyn Tram Company	"	"	25	15 and 26	"
"	"	"	25	"	"
Earnsclough Gold-dredging Company	Earnsclough Flat	Gold-dredge	16	9½ and 14	First class and 'two second class.
"	"	"	16	"	Ditto.
Electric Gold-dredging Company	Cromwell	"	20	8 and 12½	"
Fowler, A. E.	North Taieri district	Threshing only	8	9	Locomotive and traction.
Frew, Mrs., Clark's Laundry	North-east Valley	Laundry	16	8½	Second class.
Golden Beach Gold-dredging Company No. 2	Alexandra	Gold-dredge	30	9½ and 14	One first class and two second class.
Golden Bed Gold-dredging Company	Miller's Flat	"	30	9 and 14	Ditto.
Golden Gate Gold-dredging Company (Limited)	"	"	20	7½ and 14	"
Ditto	"	"	16	7½ and 12½	"
Golden Treasure Gold-dredging Company	"	"	30	8 and 12½	"
Good Chance Gold-dredging Company	Alexandra Gorge	"	20	"	"
Gore, C. and W.	Wingatui	Brick-works	25	14½	First class.
Gormack and Hauliston	Balclutha district	Threshing and chaff-cutting only	9	9	Locomotive and traction.
Graham, James	Palmerston district	Chaff-cutting only	9	9	"
Grant, Charles	Strachans	Threshing	8	9	"
Gray, James	Fernhill	Brick-works	25	14 and 21	First class.
Gregg, William, and Co.	Dunedin	Starch-works	18	10	Second class.
Haddock, H. V., and Co.	"	Sawmill	20	8 and 12½	First class.
Hall, Alexander	Ngapara district	Threshing and chaff-cutting	9	6½ and 10½	Locomotive and traction.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
OTAGO DISTRICT— <i>continued.</i>					
Hamilton Bros.	Milton district ..	General ..	8	6½ and 11½	Locomotive and traction.
"	" ..	" ..	8	9½ ..	" ..
Harraway, H., and Sons ..	Green Island ..	Flour-mill ..	40	16 ..	First class.
"	Green Island district ..	Hauling ..	5	4½ and 6½	Locomotive and traction.
Henderson, J. J.	Ngapara district ..	Threshing, &c. ..	8	9 ..	" ..
Hill and Frame	Herbert ..	Threshing ..	9	9 ..	" ..
Hogg and Co.	Dunedin ..	Sawmill ..	63	Two 16 ..	First class.
"	" ..	" ..	63	" ..	" ..
Hogg, John	Glenledi ..	Flax-mill ..	12	Two 8½	Second class.
Hudson, R., and Co. ..	Dunedin ..	Biscuits and confectionery ..	80	12 and 21, 9½ and 16	First class.
Hutton Bros.	Ettrick district ..	Threshing and chaff-cutting ..	8	6½ and 10½	Locomotive and traction.
"	Miller's Flat district ..	General ..	8	9 ..	" ..
Ireland and Co.	Oamaru ..	Motor-wagon ..	4½	3½ and 6½	" ..
Irvine and Stevenson ..	Dunedin ..	Meat-preserving ..	44	Nil ..	Second class.
"	" ..	" ..	20	" ..	" ..
Jenkins, George	Kelso district ..	Threshing and chaff-cutting only ..	8	8½ ..	Locomotive and traction.
Jenkins, Thomas, jun. ..	" ..	Ditto ..	8	9 ..	" ..
Johnstone, John	Ngapara district ..	Threshing ..	8	9 ..	" ..
Jones, Thomas	Georgetown ..	" ..	8	9 ..	" ..
Jubilee Coal Company ..	Abbotsford ..	Hauling ..	14	Two 9½	Second class.
Kahikatea Sawmilling Company ..	Kahikatea ..	Sawmill ..	17	14½ ..	First class.
"	" ..	" ..	18	14½ ..	" ..
Kain Bros.	Henley ..	Pumping ..	16	7 and 13½	" ..
Karanui Gold-dredging Company ..	Alexandra ..	Gold-dredge ..	25	10 and 16	One first class and two second class.
Kean, Thomas	Balclutha district ..	Threshing and chaff-cutting ..	8	9 ..	Locomotive and traction.
Kempthorne, Prosser, and Co. ..	Burnside ..	Chemical-works ..	80	12 and 20	First class.
"	" ..	" ..	16	" ..	" ..
"	" ..	" ..	20	7 and 11½	Second class.
Kirkland, W.	Taieri district ..	General ..	6	6 and 10	Locomotive and traction.
Knewstubb, John	Green Island district ..	Pile-driving ..	16	Two 7 ..	Second class.
Kohinoor Dredging Party ..	Roxburgh ..	Gold-dredge ..	39	9 and 14	One first class and two second class.
Lambert Bros.	Kensington ..	Pottery ..	16	7 and 11	Second class.
Latta Bros.	Pounawea ..	Sawmill ..	16	Two 10 ..	" ..
Ledingham, Robert F. ..	Georgetown ..	Threshing ..	8	6½ and 10	Locomotive and traction.
Leggatt and Campbell ..	Houipapa ..	Sawmill ..	16	Two 10 ..	Second class.
"	Kahuika ..	" ..	20	Two 10½	First class.
Leonard Bros.	Balclutha district ..	General ..	8	9 ..	Locomotive and traction.
"	" ..	" ..	8	9 ..	" ..
"	" ..	" ..	8	9½ ..	" ..
"	" ..	" ..	8	6½ and 11	" ..
Limestone Brick Company ..	Tahuna ..	Brick-works ..	56	16 ..	First class.
Lyders, H.	Tawanni ..	Sawmill ..	16	Two 10 ..	Second class.
McCallum and Co.	Oamaru ..	" ..	20	15 ..	First class.
McDonald, A.	Outram district ..	Threshing only ..	8	9 ..	Locomotive and traction.
McGavin and Co.	Dunedin ..	Brewery ..	50	8 ..	Second class.
McGill, Peter (Limited) ..	Milton ..	Flour-mill ..	25	12½ and 22½	First class.
McGregor, J., and Co. ..	Dunedin ..	Machine tools ..	27	Nil ..	Second class.
McGuigan, James, jun. ..	Glenledi district ..	General ..	8	9 ..	Locomotive and traction.
McKenzie, John	Dunrobin district ..	Threshing and chaff-cutting only ..	8	9 ..	" ..
McLeod Bros.	Dunedin ..	Candle-works ..	20	Nil ..	Second class.
"	" ..	Stearine ..	25	" ..	" ..
"	" ..	Soap-boiling ..	20	" ..	" ..
"	" ..	Soap-factory ..	25	" ..	" ..
Macpherson, J. A.	Bortons district ..	Threshing ..	8	6½ and 10½	Locomotive and traction.
McSkimming, P., and Son ..	Benhar ..	Brick and tile works ..	20	7 and 11½	Second class.
Mannix Bros.	Duntroon district ..	Threshing ..	8	9 ..	Locomotive and traction.
Manuherekia Gold-dredging Company ..	Alexandra Gorge ..	Gold-dredge ..	39	8½ and 12½	One first class and two second class.
Meek, J. and T.	Oamaru ..	Flour-mill ..	43	9 and 20	First class.
Michaelis, Hallenstein, and Farquhar ..	Sawyer's Bay ..	Tannery ..	30	12 ..	Second class.
Milne, J. and T.	Taieri Beach district ..	General ..	7	8½ ..	Locomotive and traction.
Mornington Borough Council ..	Mornington ..	Hauling ..	16	Two 13, one 15 ..	First class.
"	" ..	" ..	16	" ..	" ..
"	" ..	" ..	50	Two 13, one 15½ ..	" ..
Mosgiel Woollen Company ..	Mosgiel ..	Woollen-factory ..	82	18 and 33	" ..
"	" ..	" ..	30	Nil ..	Second class.
"	" ..	" ..	18	" ..	" ..
"	" ..	" ..	18	" ..	" ..
"	" ..	" ..	18	" ..	" ..
Moss, H. F.	Ratanni ..	Sawmill ..	30	16 ..	First class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
OTAGO DISTRICT— <i>continued.</i>					
Murray, Roberts, and Co. ..	Abbotsford ..	Fellmongery ..	20	Nil ..	Second class.
New Alexandra Coal Company ..	Alexandra ..	Hauling ..	20	Two 10, two 8 ..	Winding.
" ..	" ..	" ..	20	" ..	" ..
Newbigging Bros. ..	Moneymore district ..	Threshing ..	8	9 ..	Locomotive and traction.
New Golden Run Gold-dredging Company ..	Miller's Flat ..	Gold-dredge ..	40	10 and 16 ..	One first class and two second class.
Newton, R. W. ..	Clinton district ..	Threshing and chaff-cutting ..	6	8 ..	Locomotive and traction.
New Zealand Coal and Oil Company (Limited) ..	Castle Hill ..	Hauling ..	50	Two 20 ..	First class.
Ditto ..	" ..	" ..	50	" ..	" ..
" ..	Kaitangata ..	Fan and winding ..	16	Two 8 ..	Winding.
" ..	" ..	Hauling ..	20	Two 10½ ..	Locomotive and traction.
" ..	" ..	" ..	20	Two 26½ ..	First class.
" ..	" ..	" ..	25	" ..	" ..
" ..	" ..	" ..	25	" ..	" ..
" ..	" ..	" ..	25	" ..	" ..
" ..	" ..	" ..	40	" ..	" ..
" ..	" ..	" ..	23	" ..	" ..
" ..	" ..	" ..	18	Two 9½ ..	Locomotive and traction.
" ..	" ..	Pumping ..	16	10 ..	Second class.
New Zealand Government (Mental Hospitals Department) ..	Seacliff ..	Electric light ..	43	8 and 13 ..	First class.
Ditto ..	" ..	" ..	43	" ..	" ..
New Zealand Government (Public Works Department) ..	Houipapa ..	Stone-crushing ..	16	" ..	" ..
New Zealand Government (State Coal-mines) ..	Dunedin ..	Motor-wagon ..	6	3½ and 6½ ..	Locomotive and traction.
New Zealand Paper-mills ..	Woodhaugh ..	Paper-mills ..	80	10 ⅜ and 24 ..	First class.
" ..	" ..	" ..	30	Two 11, 10 ..	" ..
" ..	" ..	" ..	25	Nil ..	Second class.
Ngapara Extended Gold-dredging Company ..	Alexandra ..	Gold-dredge ..	20	8½ and 13 ..	One first class and two second class.
Oamaru T.T. and O.K. Stone Company (Limited) ..	Oamaru ..	Hauling ..	10	8 ..	Locomotive and traction.
Oamaru Woollen-mills ..	" ..	Woollen-mills ..	60	15 and 27 ..	First class.
" ..	" ..	" ..	60	" ..	" ..
Otago Central Foundry Company ..	Alexandra ..	Machine tools ..	16	8 ..	Second class.
Otago Co-operative Tallow and By-products Company ..	Burnside ..	Steaming ..	42	Two 6 ..	" ..
Otago Harbour Board ..	Port Chalmers ..	Pumping ..	20	Two 14½, two 9½, one 6½ ..	First class.
" ..	" ..	" ..	18	Ditto ..	" ..
" ..	" ..	" ..	18	" ..	" ..
" ..	Dunedin ..	Locomotive ..	11½	Two 8 ..	Locomotive and traction.
Otago Hospital and Charitable Aid Board ..	" ..	Laundry and heating ..	56	7 ..	Second class.
Otago Iron-rolling mills ..	Green Island ..	Rolling-mills ..	35	20 ..	First class.
" ..	" ..	" ..	20	20 ..	" ..
" ..	" ..	" ..	15	20 ..	" ..
" ..	" ..	" ..	20	20 ..	" ..
Otago Sawmills (Limited) ..	Dunedin ..	Sawmill ..	20	14½ ..	" ..
Otago Steam-laundry ..	North-east Valley ..	Laundry ..	62	6½ and 10½ ..	Second class.
Overton, B. ..	Henley district ..	Chaff-cutting only ..	8	9 ..	Locomotive and traction.
Padkin, James ..	Oamaru ..	Threshing ..	8	9 ..	" ..
Paul, William ..	Dunroon district ..	" ..	7	6½ and 12 ..	" ..
Phoenix Company (Limited) ..	Dunedin ..	Confectionery ..	84	Nil ..	Second class.
Porter, Gibson ..	Milton district ..	General ..	8	9 ..	Locomotive and traction.
Pringle and Party Gold-dredging Company ..	Miller's Flat ..	Gold-dredge ..	20	9 and 14 ..	One first class and two second class.
Reid and Gray ..	Dunedin ..	General ..	6	7½ ..	Locomotive and traction.
" ..	" ..	Machine tools ..	166	9 and 16½ ..	First class.
Reid, J. B. ..	Otokia ..	Flax-mill ..	8	9½ ..	*Locomotive and traction.
Robinson, Charles ..	Berwick district ..	Threshing ..	8	9 ..	" ..
" ..	" ..	" ..	6	8 ..	" ..
Ross and Glendining ..	Roslyn ..	Carbonizing ..	20	8 ..	Second class.
" ..	" ..	Woollen-factory ..	30	Nil ..	" ..
" ..	" ..	" ..	30	" ..	" ..
" ..	" ..	Hosiery-factory ..	80	11 and 19 ..	First class.
" ..	" ..	Woollen-factory ..	50	18 and 32 ..	" ..
" ..	Dunedin ..	Hat-factory ..	49	12 ..	Second class.
" ..	" ..	Motor-wagon ..	5½	Two 6½ ..	Locomotive and traction.
" ..	" ..	" ..	6	Two 6½ ..	" ..
Sailor's Bend Gold-dredging Company ..	Alexandra Gorge ..	Gold-dredge ..	20	8 and 12½ ..	One first class and two second class.
Sanders, James ..	Ngapara district ..	Threshing, &c. ..	8	9½ ..	Locomotive and traction.
Scoullar and Chisholm ..	Dunedin ..	Woodworking ..	32	12 ..	Second class.
Sharpe Bros. ..	Tawanui ..	Sawmill ..	10	Two 7½ ..	" ..
" ..	" ..	" ..	8	9½ ..	" ..
Shiel, C. and W. ..	Caversham ..	Brick-works ..	58	16 ..	First class.

* Exempt while stationary.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
OTAGO DISTRICT—<i>continued.</i>					
Simpson, H.	Hilderthorpe ..	Threshing ..	8	9	Locomotive and traction.
Smellie Bros.	North Taieri district	Threshing only ..	7	8½	"
Smith, C.	Tapuanui district	Threshing and chaff-cutting only	8	9	"
South Otago Freezing Company ..	Finegand ..	Freezing ..	64	12½ and 23 ..	First class.
Sparrow, J., and Co.	Dunedin ..	Machine tools ..	64	12	"
Speight, J., and Co.	" ..	Brewery ..	25	10	Second class.
"	" ..	" ..	26	10	"
"	" ..	" ..	55	10	"
Spence, W.	Balclutha district	" ..	20	8	"
Spiers and Gunn	Warepa district	General ..	8	9	Locomotive and traction.
Spiers, David	" ..	Threshing ..	6	7½	"
Stevenson and Cook	Port Chalmers ..	General ..	8	9	"
"	" ..	Machine tools ..	30	8 and 13 ..	First class.
"	" ..	" ..	50	"	"
"	" ..	Air-compressing ..	20	9½ and 17 ..	"
Strachan, W., and Co.	Dunedin ..	Brewery ..	30	8	"
Sutherland Bros.	Balclutha district	General ..	5	6	Second class.
Taieri and Peninsula Milk-supply Company ..	Dunedin ..	Dairy factory ..	20	8 and 14 ..	Locomotive and traction.
Ditto	" ..	" ..	45	"	First class.
Taratu Coal Company	Taratu ..	Hauling ..	13	Two 8 ..	"
"	" ..	Winding ..	16	Two 10 ..	Locomotive and traction.
"	" ..	" ..	16	"	Winding.
Taylor, J., and R.	Duntroon district	Threshing ..	8	9	"
Thomson, Arthur	Lovell's Flat ..	Flax-mill ..	20	8 and 12½ ..	Locomotive and traction.
Thurston, F. J.	Heriot district ..	Threshing and chaff-cutting only	8	9	First class.
Taugh, W. A.	Milton district ..	General ..	8	9	Locomotive and traction.
Trusler, S.	Waipahi ..	" ..	8	9	"
Waikouaiti Dairy Company	Waikouaiti ..	Dairy factory ..	22	6½	"
Waite, John	Kaikorai Valley ..	Tannery ..	28	8	Second class.
Watson, John, and Co.	Port Chalmers ..	Freezing ..	30	11½ and 16 ..	"
Western Taieri Land and Drainage Board ..	Henley ..	" ..	30	"	First class.
Yorston, T.	Waihola district	Pumping ..	16	Two 8½ ..	"
"	" ..	" ..	16	Two 8½ ..	Second class.
"	" ..	" ..	6	8	Locomotive and traction.
SOUTHLAND DISTRICT.					
Allardyce, E.	Maitland ..	Gold-dredge ..	12	7½ and 11½ ..	"
Arnold, A.	Kennington ..	Flax-mill ..	12	Two 9½ ..	Second class.
Baldy, F. W.	Wallacetown district	General ..	6	8	"
Balloch Bros.	Riversdale ..	Threshing and hauling	8	6½ and 10½ ..	Locomotive and traction.
Barry, P.	West Plains district	Chaff-cutting only	4½	6½	"
"	Waikiwi district	General ..	4½	6½	"
Bauchop and Co.	Waikouaro ..	Sawmill ..	20	Two 10 ..	"
Bauchop, R.	Tokonui ..	" ..	16	"	Second class.
Beattie and Coster	Mataura ..	Earth-scoop ..	29	Two 8 ..	"
Bird Bros.	Scott's Gap, Waikouaro	Sawmill ..	20	Two 10 ..	"
Bird and Swann	Otautau ..	" ..	25	12	"
Blair Bros.	Otara ..	Flax-mill ..	14	7½ and 11½ ..	"
Bluff Harbour Board	Bluff ..	Stone-breaking ..	16	Two 9 ..	"
Brook, Henry	Merino Downs district	Threshing ..	7	8½	Locomotive and traction.
Brown Bros.	Invercargill ..	Fellmongery ..	34	One 6, 7 and 11½ ..	"
"	" ..	Steaming ..	18	8	Second class.
"	Kapuka district ..	Chaff-cutting ..	7½	8	"
Brown and Grant	Arrowtown ..	Hauling ..	9	6½ and 11 ..	Locomotive and traction.
"	Hawea district ..	Chaff-cutting ..	8	9	"
Butler, E. W.	Otautau district	" ..	4½	6½	"
Caird, J.	Wyndham ..	Sawmill ..	20	8 and 13 ..	"
Cairnmuir Coal Company	Bannockburn ..	Hauling ..	16	Two 7 ..	First class.
Cameron, D.	Chatton ..	" ..	20	Two 6½, two 4 ..	Second class.
"	Maori Hill ..	Flax-mill ..	16	7 and 11½ ..	"
Carrick Gold-mining Company	Carrick Range ..	Quartz-crushing ..	16	8 and 12½ ..	"
Cawthorne, W.	West Plains ..	Fellmongery ..	16	7 and 11 ..	First class.
Charles, Edward	Waikaka Valley ..	Pumping and hauling	16	Two 7½ ..	Second class.
Chilton, E.	Woodlands ..	General ..	8	9	"
Chisholm, A. L.	Springhills district	Chaff-cutting only	3½	6½	Locomotive and traction.
Collett, Charles	Makarewa district	General ..	9	9	"
"	Invercargill ..	" ..	8	9	"
Confidence Gold-dredging Company ..	Lowburn ..	Gold-dredge ..	20	8 and 12½ ..	"
Coombes, C.	Limehills district	General ..	6	8	One first class and two second class.
Coster, E.	Otautau ..	Chaff-cutting ..	8	9	Locomotive and traction.
"	" ..	" ..	8	9	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
SOUTHLAND DISTRICT—<i>continued</i>.					
Craig and Wilks	Waikaia	Hauling and pump- ing	16	Two 6½, two 6 ..	Second class.
Crew No. 1 Gold-dredging Company	Nevis	Dismantling gold- dredge	16	7 and 11½ ..	"
Crew No. 2 Gold-dredging Company ..	Upper Nevis	Gold-dredge	16	"	Three second class.
Cromwell and Bannockburn Collieries Company	Bannockburn	Hauling and pump- ing	20	10	Second class.
Ditto	"	Ditto	20	10	"
Cromwell Gold-dredging Syndicate ..	Bannockburn Creek	Gold-dredge	20	8 and 13 ..	One first class and two second class.
Crooks, J.	Glenomaru	Sawmill	8	9	Locomotive and traction;
"	Gummies Bush dis- trict	Chaff-cutting	4½	6½	"
Cruickshanks, William	Rosedale	Twine-works	27	13 and 24 ..	First class.
Cunningham, R.	Garston district ..	Threshing	8	9	Locomotive and traction.
Cushnie, George	Wyndham	General	8	9	"
Deegan, J. W.	Oreti district	"	8	9	"
Denniston, John	Riversdale	Hauling and thresh- ing	8	9	"
"	"	Ditto	8	9	"
Dickson Bros.	Otautau	Chaff-cutting only ..	4½	6½	"
Dixon, Thomas	Mataura	"	4½	6½	"
Donnelly, R.	Wairio	General	6	8	"
Duncan, John	Gibbston	Hauling	30	Two 10½ ..	First class
Edendale Dairy Factory Company ..	Edendale	Dairy factory	16	8	Second class.
"	"	"	29	8	"
"	Menzie's Ferry ..	"	29	8	"
Electric (No. 1) Gold-dredging Com- pany	Kawarau Gorge ..	Gold-dredge	20	8 and 12½ ..	One first class and two second class.
Evan, Frederick	Otautau district ..	General	8	6½ and 10½ ..	Locomotive and traction.
Ewan, Henry	Dipton	Chaff-cutting only ..	9½	9½	"
Excell and Co.	Garden Gully	Gold-dredge	16	7 and 11½ ..	Three second class.
Excell and Cook	Gore	"	16	7 and 11½ ..	One first class and two second class } Con- Ditto. } nected.
"	"	"	16	7 and 11½ ..	"
Ferry Syndicate Gold-dredging Com- pany	Lowburn	"	20	8 and 13 ..	"
Field and Thomson	Tokonui	Sawmill	14	Two 8½ ..	Second class.
Fleming and Co.	Gore	Flour-mill	46	10 and 16 ..	First class.
"	Invercargill	"	25	"	"
French, Walter	Waikaka	Threshing	8	9	Locomotive and traction.
Gilder, G.	Gore district	General	8	9	"
Glenham Sawmilling Company	Glenham	Sawmill	20	Two 10 ..	Second class.
"	"	Hauling	12	Two 7½ ..	Locomotive and traction.
"	"	Log-hauling	17	"	Second class.
Graham, T. A.	Gore district	Threshing	8	9	Locomotive and traction.
Grant Bros.	Limehills district ..	General	8	9	"
Green, Thomas	Gore	Hauling on incline ..	16	5 and 10 ..	Second class.
Gutschlag, William	Gore district	Threshing only	8	9	Locomotive and traction.
Halliday, William	Kamahi	Sawmill	20	Two 10 ..	Second class.
Hamer and Party	Muddy Creek	Gold-dredge	20	7 and 11 ..	Three second class.
Hamilton and Co.	Papatotara	Sawmill	52	14	Second class.
"	Te Tua	"	12	Two 8½ ..	"
"	Tuatapere	"	20	Two 10 ..	"
Hamilton, J.	Rakiura district ..	Threshing and chaff-cutting	7	6½	Locomotive and traction.
"	"	Ditto	6	9	"
Hamilton, T.	Riverside district ..	General	8	9	"
Hanley, P.	Riversdale	Threshing only	9	9	"
Harrington Bros.	Fairfax	Sawmill	20	Two 10 ..	Second class.
Hogg, Mrs. C.	Orepuki district ..	Ploughing and chaff-cutting	8	9	Locomotive and traction.
Holland, James	Gore	Brick-making	14	7 and 11½ ..	Second class.
"	"	Stone-crushing	12	7½ and 11½ ..	"
Holmes, Pascoe, and King	East Gore	Flax-mill	12	7½ and 11½ ..	"
Invercargill Borough Council	Invercargill	Hauling	4½	6½	Locomotive and traction.
"	Green Hills	Stone-crushing	30	9 and 10 ..	Second class.
"	Invercargill	Pumping	18	Two 12 ..	First class.
"	"	"	18	"	"
"	"	Electric lighting and power-house ..	84	Two 13 and 20, one 9 and 11½, two 11½ and 22½ ..	"
"	"	Ditto	84	Ditto	"
"	"	"	84	"	"
"	"	Power-house	84	Two 13 and 20, one 9 and 11½ ..	"
"	"	Road-roller	5½	5½ and 8½ ..	Locomotive and traction.
"	Ototara	Hauling	8	Two 7½ ..	"
"	"	"	10	Two 7 ..	"
Jarvis and Foscender	New River	Flax-mill	20	Two 10 ..	Second class.
Johnston and Sons (Limited)	Invercargill	Engineers' tools ..	28	7 and 11 ..	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in Inches.	Class of Driver required.
SOUTHLAND DISTRICT—<i>continued.</i>					
Keith, J. A.	Winton district . .	Threshing only . .	8	9	Locomotive and traction.
Kennedy Bros	Otautau	General	6	7½	"
Kilkelly Bros.	Lochiel	Sawmill	27	Two 12 . .	First class.
King, J.	Otautau district . .	General	8	8½	Locomotive and traction.
Kingsland Bros. and Anderson (Limited)	West Plains	Fellmongery	20	7½ and 11½	Second class.
Kingsland, D., and Sons	Invercargill	Confectionery	20	8 and 12½	First class.
Knowles, W.	Gore	General	8	9	Locomotive and traction.
Koputai Gold-dredging Syndicate	Waikaia	Gold-dredge	20	8 and 13 . .	One first class and two second class.
Kura Gold-dredging Company	Muddy Creek	"	20	8½ and 12½	Ditto.
Lady Florence Gold-dredge	Waikaka Valley . . .	"	16	7½ and 11 . .	Three second class.
Lamb and Cameron	Balfour district . .	Chaff-cutting only . .	8	8½	Locomotive and traction.
Laurie, James, and Co.	Orawia	General	6	8	"
Lind, Alexander	Orepuki district . .	Ploughing and threshing	8	9	"
Lindsay, Caldwell	Waiana	General	8	7	"
Lindsay, John	Drummond district .	"	8	9	"
Lower Nevis Gold-dredging Company . . .	Nevis	Gold-dredge	16	7 and 11½	Three second class.
Lynch, G.	Longridge	Hauling and pump-ing	17	Four 6 . . .	Second class.
McCallum and Co.	Colac	Sawmill	20	15½	First class.
"	"	Hauling	6	Two 6	Locomotion and traction.
"	Fairfax	Sawmill	25	14½	First class.
"	Kaipipi, Stewart Island	"	12	Two 8½ . . .	Second class.
"	North Arm, Stewart Island	"	16	11	"
McCulloch and Campbell	Kahuika	"	14	Two 8½ . . .	"
McDonald, J. and J.	Waikaia district . .	General	9	9	Locomotive and traction.
McDonald, P. A.	Winton District . .	Chaff-cutting only . .	3½	6½	"
McEwan, N.	Mokoreta	Flax-mill	12	7 and 11½	Second class.
McGeorges Freehold Gold-dredging Company No. 1	Waikaka Valley . . .	Gold-dredge	39	8 and 12½	One first class and two second class.
McGeorges Freehold Gold-dredging Company No. 2	"	"	20	8 and 13 . .	Ditto.
McGeorges Freehold Gold-dredging Company No. 3	"	"	38	9 and 14 . .	"
McIntosh and Blair	Fortrose	General	9	9	Locomotive and traction.
McIntosh, N.	Waimahaka	"	4½	6½	"
McIntyre, John	Orepuki	Sawmill	30	Two 12½ . .	First class.
McKay, Donald	Tahaka	"	14	Two 8½ . . .	Second class.
McKenzie Bros.	Benmore	Flax-mill	14	"	"
McKenzie and Sons	Barkly	Sawmill	20	Two 10 . . .	"
McKinnon, Alexander	Gore district	Threshing and chaff-cutting	8	6½ and 10 . .	Locomotive and traction.
McLeod, Mrs.	East Gore district .	Ditto	8	9	"
McMaster, John	Arrowtown district .	Threshing	8	9	"
McRae Bros.	Mokoreta	Flax-mill	14	Two 8½ . . .	Second class.
Magnum Bonum Gold-dredging Company	Waikaia	Gold-dredge	26	8 and 12½	One first class and two second class.
Marshall Bros.	Wyndham	General	8	9	Locomotive and traction.
Mataura Collieries Company	Mataura	Hauling on incline . .	16	7 and 11½	Second class.
Mataura Dairy Factory	"	Cheese-factory	31	9	"
Melvin, J.	Tokonui	Sawmill	20	Two 11 . . .	First class.
Mill, John, and Co.	Bluff	Wool-dumping	16	10½	Second class.
Milne and Crawford	Waikaka Valley . . .	Pumping	20	One 6, two 4½	"
Moffett Bros.	Curio Bay	Sawmill	16	Two 9½ . . .	"
"	"	"	28	"	"
"	Waikawa	"	36	13½	"
Monkman, W. T. (Rise and Shine Gold-dredging Company	Lowburn	Gold-dredge	40	9 and 14 . .	One first class and two second class.
More and Sons (Limited)	Longwood	Sawmill	22	Two 10 . . .	Second class.
"	"	"	16	12½	"
"	"	Hauling	8	Two 6½ . . .	Locomotive and traction.
"	"	"	8	"	"
"	Wairio	"	13	Two 7½ . . .	"
Mortimer, William	Edendale	Chaff-cutting	6	7	"
Moss, H. F., and Co.	Longwood	Sawmill	25	15	First class.
Muir, J.	Waikouro	General	7½	8	Locomotive and traction.
Murray, Robert	Waikaka district . .	Threshing	7	8½	"
Murrays (Limited)	Underwood	Milk-preserving	130	10, 10, 10, 7	Second class.
"	"	"	130	"	"
Nees and Scott	Charlton Creek . . .	Gold-dredge	16	7 and 11½	Two second class.
Nevis Crossing Gold-dredging Company . .	Nevis	"	16	7 and 11 . .	Three second class.
New Zealand Beech Company	Scott's Gap, Waikouro	Sawmill	20	Two 10 . . .	Second class.
New Zealand Paper-mills (Limited)	Mataura	Paper-mills	35	13	"
New Zealand Pine Company	Bush Siding	Sawmill	28	15½	First class.
"	"	Hauling	10	Two 7	Locomotive and traction.
"	Colac	Sawmill	30	15½	First class.
"	"	Hauling	12	Two 8	Locomotive and traction.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
SOUTHLAND DISTRICT—<i>continued.</i>					
New Zealand Pine Company	Gorge Road	Sawmill	52	14	Second class.
"	"	Hauling	6	Two 6½	Locomotive and traction.
"	Grove Bush	Sawmill	35½	Two 9½	Second class.
"	Makarewa	"	20	10 and 10	"
"	Spar Bush	"	20	15½	First class.
"	"	Hauling	120	Two 7	Locomotive and traction.
New Zealand Smelting Company (Limited)	Orepuki	Smelting-works	20	5	Second class.
Nicholson, Andrew	East Chatton	Hauling	20	Two 6½	"
Nightcaps Coal Company (Limited)	Nightcaps	Air-compressor	60	16	First class.
"	"	"	60	16	"
"	"	Winding	20	Two 10	Winding.
Ocean Beach Freezing-works	Ocean Beach	Freezing	40	14 and 22½, 16 and 28	First class.
"	"	"	40	Ditto	"
"	"	"	70	"	"
"	"	Manure-works	25	7½ and 11½	Second class.
O'Kane, H.	Makarewa	Brick-works	25	7½ and 7½	"
O'Shannessy Bros.	Lochiel district	Chaff-cutting	6	7½	Locomotive and traction.
Parcell, W. R.	Bannockburn	Hauling and pump-	20	10	Second class.
"	"	ing	20	10	"
Patterson, Angus	Woodlands	Chaff-cutting	4½	6½	Locomotive and traction.
Paterson, W. J.	Mossburn district	General	9½	9	"
Patterson's Freehold Gold-dredging Company No. 1	Waikaka Valley	Gold-dredge	16	7 and 11½	Three second class.
Patterson's Freehold Gold-dredging Company No. 2	"	"	20	8 and 13	One first class and two second class.
Perry Bros.	Round Hill	Sawmill	14	14	Second class.
Perry, A.	Luggate district	Hauling and chaff-cutting	8	9	Locomotive and traction.
Petrie, Alexander	Gore district	Threshing	8	9	"
Poole, E.	Isla Bank	Chaff-cutting	6	8	"
Quin and Party	Charlton Creek	Gold-dredge	16	7 and 11½	Three second class.
Ramsay, Keith, and Co.	Waikawa	Sawmill	14	Two 8½	Second class.
Raymond, I. W.	Papatotara	Hauling	10	Two 7	Locomotive and traction.
"	"	Sawmill	55	Two 9½	Second class.
Reid, William, jun.	Nightcaps	General	9	9	Locomotive and traction.
Rimu Sawmilling Company	Murray River, Stewart Island	Sawmill	14	Two 8½	Second class.
Rise and Shine Gold-dredging Company No. 1	Lowburn	Gold-dredge	38	9 and 14	One first class and two second class.
Rise and Shine Gold-dredging Company No. 2	"	"	20	8 and 12½	Ditto.
Ditto	Cromwell	"	46	Compound 9 and 14	Second class.
Rising Sun Gold-dredging Company	Lowburn	"	40	10 and 16	One first class and two second class.
Ritchie, John	Cromwell district	Threshing	8	9	Locomotive and traction.
Rodger, A. W.	Birchwood	General	9	9	"
Rosedale Gold-dredging Company	Waikaka Valley	Gold-dredge	20	7½ and 11½	Three second class.
Royds, J. C.	New River	Flax-mill	20	8 and 12½	First class.
Saunders, J.	South Hillend district	General	6	7½	Locomotive and traction.
Scott, J.	Hokonui district	"	6	8½	"
"	Otama district	Threshing only	9	9	"
Seaward Downs Dairy Factory Company	Seaward Downs	Dairy factory	20	5½	Second class.
Seifert and Alfort	George Road	Flax-mill	16	7½ and 11½	"
Sinclair Bros.	Dipton	Chaff-cutting	8	8½	Locomotive and traction.
Smith and Aitken	Waikaka Valley	Gold-dredge	20	7½ and 11½	Three second class.
Smith and Co.	Te Waewae	Sawmill	14	Two 8½	Second class.
"	Invercargill	Woodworking	44	8½ and 14	First class.
Soper, G. A.	Athol	Threshing	8	6 and 9½	Locomotive and traction
Southland County Council	Southland County	Hauling	6	5½ and 9½	"
"	Waikaia district	"	8	6½ and 11½	"
Southland Frozen Meat Company	Bluff	Freezing-works and electric light	50	11 and 22, 13 and 24	First class.
"	"	Ditto	102	Ditto	"
"	Makarewa	Pumping	50	Two 4, one 6, one 6	Second class.
"	Mataura	Freezing-works and electric light	128	15 and 21	First class.
Southland Sawmilling Company	Papatotara	Sawmill	13	Two 8½	Second class.
"	"	"	32	Two 11	First class.
"	Te Waewae	"	30	Two 10	Second class.
"	Waimaemae	"	20	"	"
Speden, A.	Gore	Woodworking	14	6½ and 10½	"
Star Gold-dredging Company	Waikaka Valley	Gold-dredge	20	7½ and 11½	Three second class.
Star of the East Gold-mining Company	Bannockburn	Gold-battery	20	7 and 11	Second class.
Sutherland, William	George Road	Sawmill	14	Two 8½	"
Sutton, Joseph	Winton district	General	8	9	Locomotive and traction.
Tait, W. E.	Woodlands	Steaming	42	8	Second class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
SOUTHLAND DISTRICT—<i>continued.</i>					
Templeton, C.	Waimahaka ..	Flax-mill ..	14	8½ ..	Second class.
Templeton, W.	Riverton ..	" ..	14	7½ and 11½ ..	"
Timaru Milling Company ..	Timaru ..	Flour-mill ..	140	16 and 29 ..	First class.
Timpany Bros.	Pahia ..	Sawmill ..	25	Two 12½ ..	"
Todd, Thomas, and Sons ..	Waikiwi ..	Pipe-works ..	52	12 and 21 ..	"
Todd and Wilson	Invercargill ..	Hauling ..	4½	6½ ..	Locomotive and traction.
Trail Bros. and Smythies ..	Longwood ..	Sawmill ..	20	Two 10 ..	Second class.
Trapski, F. "	" ..	" ..	36	12 ..	"
Trapski, J.	Pukeranu ..	General ..	7	5½ and 9½ ..	Locomotive and traction.
Travis, James	Wyndham ..	Shop-tools ..	16	5 ..	Second class.
Waikaia Gold-dredging Company ..	Waikaka Valley ..	Pumping ..	20	Two 4½, one 6 ..	"
	Waikaia ..	Gold-dredge ..	26	9 and 13 ..	One first and two second class.
Waikaka Deep Lead Gold-dredging Company	Little Waikaka ..	" ..	40	8 and 17 ..	Ditto.
Waikaka Forks Gold-dredging Company	" ..	" ..	20	7½ and 11½ ..	Three second class.
Waikaka United Gold-dredging Company No. 1	" ..	" ..	20	7 and 11½ ..	"
Waikaka United Gold-dredging Company No. 3	" ..	" ..	36	9 and 14 ..	One first class and two second class.
Walker, L.	Lumsden district ..	Chaff-cutting ..	8	9 ..	Locomotive and traction.
Wallis, R. and F.	East Gore ..	Fellmongery ..	20	8 and 13 ..	First class.
	" ..	" ..	20	" ..	"
Ward, J. G., and Co.	Limehills ..	Lime-works ..	16	7 and 11½ ..	Second class.
Williams, J. and R.	Drummond district ..	General ..	9	9 ..	Locomotive and traction.
Willowbank Gold-dredging Company	Waikaka Valley ..	Gold-dredge ..	20	8 and 13 ..	One first class and two second class.
Woodlands Dairy Factory Company ..	Woodlands ..	Cheese-factory ..	32	7½ ..	Second class.
Wright, Stephenson, and Co. ..	Brown's ..	Lime-works ..	14	Two 8½ ..	"
	Invercargill ..	Manure-works ..	14	8½ and 14½ ..	First class.
Wyndham Dairy Factory Company ..	Wyndham ..	Dairy factory ..	26	8 ..	Second class.

TARANAKI DISTRICT.

Ararata Dairy Company	Hawera ..	Creamery ..	20	10 ..	Second class.
Awatuna Co-operative Dairy Company	Awatuna East ..	Cheese-factory ..	22	9 ..	"
Bartle, H. M.	Opunake ..	Sawmill ..	25	11 ..	"
Bassett, W. G.	Wanganui ..	Joinery-works ..	36	12 ..	"
Bell Block Dairy Company ..	Bell Block ..	Butter-factory ..	25	10 ..	"
Bonithon Freehold Petroleum Extended (Limited)	New Plymouth ..	Oil-boring ..	29	10 ..	"
Borthwick, Thomas, and Sons (Limited)	Waitara ..	Freezing ..	190	11 and 20 ..	First class.
"	" ..	" ..	65	" ..	"
"	" ..	" ..	85	" ..	"
"	" ..	" ..	70	" ..	"
Brown, H., and Co.	Inglewood ..	Sash and door factory ..	26½	15½ ..	"
"	" ..	Ditto ..	26	12 ..	Second class.
Cape Egmont Co-operative Dairy Company	Pungarehu ..	Cheese-factory ..	17	6½ ..	"
Cardiff Co-operative Dairy Company ..	Cardiff ..	" ..	17	9 ..	"
Castlecliff Railway Company ..	Castlecliff ..	Hauling ..	19	Two 10 ..	Locomotive and traction
"	Wanganui ..	" ..	19	" ..	"
Clare, F.	Waitara district ..	" ..	7	8½ ..	"
Consolidated Oilfields Company ..	Huiroa ..	Oil-boring ..	32	13½ ..	Second class.
Dickie, R. A.	Wanganui ..	Flax-mill ..	17	10 ..	"
Draper, J.	Waitara district ..	Chaff-cutting ..	10	6 and 10 ..	Locomotive and traction.
Egmont Co-operative Box Company	Eltham ..	Box-factory ..	40	11½ and 14½ ..	First class.
Egmont County Council	Opunake district ..	Road-roller ..	3-8	4½ and 6½ ..	Locomotive and traction
"	" ..	Hauling ..	7	5 and 8½ ..	"
Eltham Borough Council	Eltham ..	Road-roller ..	6	5½ and 9½ ..	"
Eltham Co-operative Dairy Company	" ..	Dairy factory ..	30	10½ ..	Second class.
"	Not known ..	" ..	20	10 ..	"
"	Eltham ..	Cheese-factory ..	16	10½ ..	"
"	Te Roti ..	" ..	20	9 ..	"
Eltham County Council	Eltham ..	Road-roller ..	5½	5½ and 8½ ..	Locomotive and traction.
"	" ..	" ..	5½	" ..	"
Gilberd, J. B., and Sons	Castlecliff ..	Soap-works ..	40	Two 7 ..	Second class.
Hatrick and Co.	Wanganui ..	Hauling ..	5	4 and 6½ ..	Locomotive and traction.
"	" ..	" ..	5	" ..	"
Hawera Borough Council	Hawera ..	Road-roller ..	5	5½ and 8 ..	"
Hawera Co-operative Dairy Company	" ..	Dairy factory ..	31	Nil ..	Second class.
Hawera County Council	" ..	Road-roller ..	8	5 and 9 ..	Locomotive and traction.
Hawera Dairy Company	" ..	Creamery ..	20	9 ..	Second class.
Joll, T. L., Co-operative Dairy Company	Kapuni ..	Cheese-factory ..	20	9 ..	"
"	Okaiawa ..	" ..	17	6 ..	"
"	" ..	" ..	16	9 ..	"
"	Otakeho ..	" ..	21	6½ ..	"
"	Te Ngutu ..	" ..	17	6 ..	"
Kakaramaea Co-operative Dairy Company	Kakaramaea ..	" ..	20	9 ..	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—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.
TARANAKI DISTRICT—continued.					
Kaponga Co-operative Dairy Company	Kaponga	Cheese-factory	16	10	Second class.
"	Riverlea	"	17	10	"
"	Rowan	"	21½	9	"
Kaupokonui Dairy Company	Kapuni	"	20	8	"
"	Kaupokonui	"	25	8 and 13½	First class.
Levitt, W.	Fordell district	Threshing and chaff-cutting	6	5½ and 8½	Locomotive and traction.
Little and Co.	Sentry Hill	Stone-crushing	6	5½ and 9½	"
Lowgarth Co-operative Dairy Company	Lowgarth	Cheese-factory	20	8	Second class.
McCluggage, J.	Pohokura	Sawmill	20	13½	"
Mangatoki Co-operative Dairy Company	Mahoe	Cheese-factory	20	8	"
"	Mangatoki	Dairy factory	30	8	"
"	Matapau	Cheese-factory	21	8	"
Manutahi Co-operative Dairy Company	Manutahi	"	16	9	"
"	"	"	22-0	9	"
Mells Co-operative Dairy Company	Mokoia	Butter-factory	20	10	"
Midhirst Co-operative Dairy Company	Midhirst	"	20	9	"
Murray, D., and Co.	Wanganui	Shop-tools	20	10	"
New Plymouth Borough Council	New Plymouth	Road-roller	6	5½ and 9	Locomotive and traction.
New Plymouth Harbour Board	Moturoa	Hauling	14	Two 10	"
New Plymouth Sash and Door Company	New Plymouth	Sash and door factory	40	13	Second class.
New Zealand Casein Company	Aramoho	Casein-works	17	9	"
Ngaere Co-operative Dairy Company	Ngaere	Cheese-factory	34-8	8	"
Norris and Son	Patea	Brick-works	22	10½	"
Okoia Co-operative Dairy Company	Okoia	Butter-factory	17	8	"
Opunake Sawmilling Company	Te Kiri	Sawmill	28	10 and 19	First class.
Parkes and Brooker	"	"	30	12	Second class.
Parkin, T. and R.	Fitzroy district	Hauling	8	7 and 11	Locomotive and traction.
Patea Farmers' Freezing Company	Patea	Steaming fat	24	9	Second class.
"	"	Steaming tallow	23	9	"
Quinn Bros.	Hawera	Joinery-works	20	12 and 24	First class.
Rahotu Co-operative Dairy Company	Rahotu	Cheese-factory	17	9	Second class.
Riverdale Co-operative Dairy Company	Inaha	"	38	10	"
Scott Bros.	Castlecliff	Wool-scouring	30	10	"
Southern Cross Biscuit Company	Wanganui	Biscuit-factory	38	11	"
Stratford Borough Council	Stratford	Road-roller	5	5½ and 8	Locomotive and traction.
Stratford County Council	Midhirst	Stone-crushing	8	9½	"
"	Stratford district	Road-roller	5½	5½ and 8½	"
Syme, G.	Hawera	Joinery-works	36	12	Second class.
Symons, T. V.	New Plymouth	Hauling	6	4 and 7½	Locomotive and traction.
"	"	"	5	5½ and 8½	"
"	"	Sawmill	35	Two 10½	First class.
Taranaki County Council	"	Hauling	8	6 and 9½	Locomotive and traction.
"	"	Road-roller	5	4½ and 7½	"
Taranaki New Zealand Oil-wells (Limited)	Bell Block	Oil-boring	29	7	Second class.
Ditto	Moturoa	"	25	9	"
"	"	Steaming	12	7 and 11	"
Taranaki Producers' Freezing Company	"	Freezing	42	9 and 15, 10½, 21	First class.
"	"	"	30	"	"
Waimate County Council	Kapuni	Hauling	6	6 and 10	Locomotive and traction.
"	"	"	5	5 and 8½	"
Waitara Co-operative Dairy Company	Waitara	Dairy factory	21	10	Second class.
Wanganui Borough Council	Wanganui	Hauling	6	4 and 7	Locomotive and traction.
"	"	Road-roller	6	5½ and 8½	"
Wanganui Dairy Company	Aramoho	Butter-factory	30	8	Second class.
Wanganui Fresh Food and Ice Company	St. John's	"	20	9	"
Wanganui Gasworks	Wanganui	Gasworks	28	5	"
Wanganui Harbour Board	Castlecliff	Hauling stone	10	Two 10	Locomotive and traction.
"	South Spit	Locomotive	10	Two 7	"
"	Wanganui River	Dredging	25	9 and 13	First class.
Wanganui Meat-freezing Company	Castlecliff	Freezing	80	12 and 28, 15 and 27	"
"	"	"	80	Ditto	"
"	"	"	80	"	"
"	"	"	80	"	"
Wanganui Sash and Door Company	Wanganui	Sash and door factory	50	Two 14½	"
Waverley Co-operative Dairy Company	Waverley	Cheese-factory	16	8½	Second class.
Whenuakura Co-operative Dairy Company	Whenuakura	"	20	10	"
WELLINGTON DISTRICT.					
Allen, Isaac, jun.	Masterton	Threshing	6	6 and 10	Locomotive and traction.
" sen.	"	"	6	"	"
Allender and Co.	Petone	Soap-works	20	6	Second class.
Anketell, J.	Masterton	Chaff-cutting	6	8	Locomotive and traction.
Awahuri Co-operative Dairy Company (Limited)	Awahuri	Dairy factory	41	7½ and 12	Second class.
Baigent Bros.	Akatarawa	Sawmill	14	Two 8½	"
"	"	Log-hauler	15	"	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
WELLINGTON DISTRICT—<i>continued.</i>					
Ballance Co-operative Dairy Company	Ballance	Butter-factory	19	10	Second class.
"	Konini..	"	32	10	"
Barber, W. H., and Co.	Scarborough	Creamery	16	10	"
Batholomew, P.	Petone..	Dye-works	40	8	"
"	Weraroa	Machine tools	40	10½	"
"	"	Sawmill	44	16	First class.
Belmont Quarry Company	Belmont	Stone-crushing	20	9	Second class.
Bevan, T. (jun.)	Ohau ..	"	6	8	Locomotive and traction.
Bird Bros.	Manakau	Sawmill	16	Two 9	Second class.
Bisdee, S. C.	Pahiatua	Brick-works	17	8½	"
Blackball Coal Company	Hulk "Blackball"	Hoisting	18	Four 6½ and one 7	"
"	Hulk "Elinor Vernon"	"	22	Two 6 and two 7..	"
Booth, W., and Co.	Carterton	Sawmill	40	11½	"
Broad and Ingram	Rangitane	Flax-mill	20	Two 10	"
"	"	"	20	"	"
Brogden, J. C.	Masterton	Threshing	6	8	Locomotive and traction.
Chamberlain and Son	"	Flour-mill	20	9 and 14	First class.
"	"	Threshing	6	8	Locomotive and traction.
Champion Company, The	Wellington	Confectionery	30	12	Second class.
"	"	"	30	12	"
Chapman, W., and Co.	Martinborough district	Chaff-cutting	6	5½ and 10	Locomotive and traction.
"	Ditto	"	8	6½ and 10½	"
Christie, L. E.	Wellington	Steaming	22	10½	Second class.
Cook, T.	Petone..	Cooperage	33	5½ and 9, 4½ and 7½	"
Couchman, C. T.	"	Laundry	17	6	"
Crabtree and Sons	Wellington	Shop-tools	16	9½	"
Dalefield Dairy Factory Company	Dalefield	Cheese-factory	24	9	"
Daniell, C. E.	Masterton	Sawmill	44	16	First class.
Dimock and Co.	Ngahauranga	Steaming	50	Nil	Second class.
Easson (Limited)	Kilbirnie	Sawmill	40	13½	"
"	Wellington	Box-mill	60	Two 12½	First class.
Evans Bay Timber Company	Kilbirnie	Sawmill	38	13	Second class.
Ewington, J. C.	Masterton	Hauling	6	5½ and 8½	Locomotive and traction.
Fay, D. A., and Co.	Petone	Steaming	50	Idle	Second class.
Featherston Co-operative Dairy Company	Featherston	Cheese-factory	21	10	"
Fitchett, A. B., jun.	Brooklyn	Brick-works	33	12	"
Fresh Food and Ice Company	Wellington	Butter-factory	27	12	"
"	"	"	27	12	"
Gardner and Yeoman	Makuri	Sawmill	20	11 and 8½	"
"	Waimiro	Log-hauling	10	Two 8½	"
"	"	"	30	One 13	"
Gear Meat Company	Petone	Freezing	65	17 and 34	First class.
"	"	"	65	"	"
"	"	"	65	"	"
"	"	"	65	"	"
"	"	"	73	"	"
"	"	"	73	"	"
"	"	"	73	"	"
"	"	"	73	"	"
"	"	Hauling	28	Two 8½	Locomotive and traction.
"	"	"	25	Two 11	"
Giddings and Harden	Mikimiki	Sawmill	14	Two 8½	Second class.
Gosling and Son	Maku ..	"	27½	Two 7½	"
Greytown - Wairarapa Co-operative Dairy Company	Greytown	Cheese-factory	20	6½	"
Harrison, G.	"	Milking	4	7 and 11½	Locomotive and traction.
Hausmann, Carl	Kakara	Ploughing	10	"	"
Hawke's Bay Dairy Company	Mangatainoka	Creamery	21	10	Second class.
Herman and Weger	Tane ..	Boring	40	12	"
Hill and Barton	Wellington	Steaming	25	Nil	"
Hill, H.	"	Brick-works	25	13½	"
Hirst and Co.	Kaiwarra	Tannery	46	9	"
Hutt Borough Council	Lower Hutt	Road-roller	6	4½ and 8	Locomotive and traction.
Jackson, E. H.	Woodside	Ploughing	10	7 and 11½	"
Jones, C. E.	Matarawa	Sawmill and chaff-cutting	6	8	"
"	"	"	"	"	"
Jones, E.	Masterton	Hauling	8	6½ and 10	"
"	"	Chaff-cutting	5	5 and 8½	"
Johnson Bros.	Carterton	Threshing	6	8	"
"	"	Hauling	6	6 and 10	"
"	"	"	6	"	"
"	"	Threshing	6	"	"
Karori Borough Council	Wellington	Hauling	6	Two 7	"
Kelburne and Karori Tramway Company	Kelburne	Cable trams	26	9 and 16	First class.
Ditto	"	"	26	"	"
McCarthy, T. G., and Co.	Wellington	Brewery	30	7	Second class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
WELLINGTON DISTRICT—<i>continued.</i>					
Mace and Nicholson	Ngahauranga	Stone-crusher	30	13½	Second class.
"	"	Hauling	5	4 and 6½	Locomotive and traction.
"	Wellington district	"	5	4½ and 6½	"
McEwan and Carter	Petone	"	6	4 and 7	"
McGregor Bros.	Masterton	Chaff-cutting	6	8	"
McLachlan Bros.	"	Threshing, &c.	8	6½ and 10½	"
McLeod, Weir, and Hopkirk	Wellington	Sash and door factory	17	17	First class.
"	"	Ditto	17	17	"
McPhee, Hugh	Carterton	Threshing, &c.	6	8	Locomotive and traction.
"	"	"	6	8	"
Masterton Borough Council	Masterton	Road-roller	7	6½ and 10	"
Masterton Co-operative Dairy Company	"	Dairy factory	10	11	Second class.
Mauriceville Dairy Company	Mauriceville	"	30	8	"
May Morn Estates (Limited)	Mangaroa	Sawmill	118	16½	First class.
"	"	"	118	16½	"
"	"	Log-hauling	12	Two 8½	Second class.
"	"	"	22	7 and 12	Locomotive and traction.
Mill, John, and Co.	Hulk "Ganymede"	Hoisting	22	Two 6, three 8	Second class.
Millar's Hardwood Company	Wellington	Sawmill	18	10½	"
Minton, S. B.	Carterton	Threshing, &c.	6	8	Locomotive and traction.
"	"	"	6½	6 and 9½	"
Murphy, W., and Son	Wellington	Brick-works	24	12	Second class.
Neilsen, Murray, and Fredrick	"	Shop-tools	17	8	"
Newton, John	Kaiwarra	Soap-works	25	6	"
New Zealand Candle Company	"	Steaming	18	9	"
"	"	Candle-works	27	9	"
"	"	"	45	8½	"
New Zealand Government Defence Department	Mahanga Bay	Electric light	27	10 and 16	First class.
New Zealand Government Mental Hospital Department	Porirua	Steaming	20	9½ and 15	"
Ditto	"	"	20	"	"
"	"	"	43	"	"
New Zealand Government Printing Office	Wellington	Printing	35	9 and 15	"
Ditto	"	"	35	"	"
New Zealand Government Prisons Department	Mount Cook	Brick-making	38	14	Second class.
New Zealand Government State Coal Department	Wellington	Hauling	6	3½ and 7	Locomotive and traction.
Ditto	"	"	6	4 and 7	"
"	"	Hoisting	24	Two 8	Second class.
Nireaha Dairy Company	Nireaha	Cheese-factory	20	6	"
Niven and Co.	Wellington	Foundry	45	7½ and 11	"
Odlin, C. and A.	Reikorangi	Sawmill	25	12½	"
"	"	"	25	12½	"
"	Wellington	"	23	12	"
"	"	"	33	12	"
Ora Flax-milling Company	Manakau	Flax-mill	12	Two 8½	"
"	Porutawa	"	28	8 and 6½	"
Orbell, J.	Martinborough district	Hauling	6	6 and 10½	Locomotive and traction.
Otaki Dairy Company	Otaki	Dairy factory	17	8½	Second class.
Parker and Co.	Kaipararo	Sawmill	12	Two 8½	"
Pitcaithly and Co.	Belmont	Stone-crushing	20	11 and 14½	First class.
Price and Co.	Akatarawa	Sawmill	36	16	"
Price, Thomas, and Co.	Petone	"	50	12	Second class.
Pryde, W.	Nireaha	"	38	12½	"
Pulley, C. F.	Wairoa	Steam-navy	8	Two 8	Locomotive and traction.
Rathbone, T. J.	Admirals	Sawmill	35	13	Second class.
"	Carterton	Hauling	8	6½ and 10	Locomotive and traction.
"	"	Box-making	19	10½	Second class.
"	"	"	19	10	"
"	Wellington	Engineers' tools	45	12	"
Robertson, D.	Kopuaranga	Chaff-cutting, &c.	5	7	Locomotive and traction.
Scorror, J.	Mangaroa	Sawmill	14	Two 8½	Second class.
Seed Bros.	Silverstream	Brick-works	35	13	"
Silverstream Brick and Tile Company	Wellington	Brewery	66	10	"
Staples and Co.	"	Steaming	35	10	"
"	"	Sawmill	42	20	First class.
Stewart Timber Company	"	"	23	20	"
"	"	"	24	10	Second class.
Tonks, E.	"	Brick-works	24	10	"
Toogood and Co.	Kahautara	Flax-mill	12	Two 8½	"
"	Longbush	"	28	11	"
Trevor Bros.	Wellington	Steam-wagon	6	4 and 7	Locomotive and traction.
"	"	Brick-works	18	10½	Second class.
Udy, Hart	Petone	Sawmill	35	9	"
Udy, T. C.	Greytown	Ploughing	10	7 and 11½	Locomotive and traction.
Union Steamship Company of New Zealand (Limited)	Hulk "Adderley"	Hoisting	34	Eight 6 and four 7	Second class.
Ditto	Hulk "Arawatta"	"	21	6 and 7	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &C.—*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.
WELLINGTON DISTRICT—<i>continued.</i>					
Union Steamship Company of New Zealand (Limited)	Hulk "Dartford"	Coaling ..	33	Two 6, two 6, two 6, two 6, two 4½	Second class.
Ditto	Hulk "Dilpusund"	Hoisting ..	20	Three winches 7½ and 7½	"
"	Hulk "Lutterworth"	" ..	34	8 and 6, and 6 ..	"
"	Hulk "Occident"	" ..	46	Two 6, two 7, two 8, two 10	"
"	Hulk "Solgran"	" ..	4	5½ and 5½ ..	"
"	Hulk "Tobias"	" ..	21	Six 5½ ..	"
"	Hulk "William Manson"	" ..	5	5 and 5 ..	"
"	Ditto	" ..	6	5½ and 5½ ..	"
"	Evans Bay ..	Laundry ..	32	11 and two 5, two 4½, two 5½, two 6	"
"	"	" ..	32	Ditto	"
Victoria Laundry Company	Wellington ..	" ..	50	8	"
"	Wellington ..	" ..	87	8	Second class.
Wairarapa Brick and Tile Company	Carterton ..	Pipe-making ..	18	8½ and 14 ..	First class.
Wakeley, W. W. ..	Kahautara ..	Flax-mill ..	16	8 and 12½ ..	"
Wakelin Bros. ..	Carterton ..	Hauling ..	6	Two 3 ..	Locomotive and traction.
Wall, F.	Martinborough ..	Flax-mill ..	12	7 and 11 ⅝ ..	Second class.
Wangaehu Dairy Company	Wangaehu ..	Steaming ..	18	10	"
Wellington City Council	Wellington ..	Power-house ..	65	17, 24½, and 37½	First class.
"	"	" ..	65	"	"
"	"	" ..	65	"	"
"	"	" ..	65	"	"
"	"	" ..	65	"	"
"	"	" ..	65	"	"
"	"	" ..	65	"	"
"	"	Electric light ..	65	"	"
"	"	" ..	350	Turbines ..	"
"	"	" ..	455	"	"
"	"	" ..	100	15 and 30 ..	"
"	"	" ..	100	"	"
"	"	" ..	130	"	"
"	"	Road-roller ..	6	9	Locomotive and traction.
"	"	" ..	8	8	"
"	"	Pumping ..	115	9½, 15, and 23 ..	First class.
"	"	" ..	115	"	"
"	"	Electric light ..	350	13½, 19½, and 28 ..	"
"	"	Fire-engine ..	10	8 and 8 ..	Locomotive and traction.
Wellington Gas Company	Miramar ..	Hauling ..	7	4 and 7 ..	"
"	"	Steaming ..	72	Three 8 and one 7	Second class.
"	"	" ..	72	"	"
"	"	Hauling ..	7½	Two 7½ ..	Locomotive and traction.
"	Wellington ..	Gasworks ..	30	8 and 5 ..	Second class.
"	"	Pumping ..	36	7, 8, and 10 ..	First class.
"	"	" ..	36	"	"
"	"	Hauling ..	6	4 and 7 ..	Locomotive and traction.
"	"	" ..	7½	"	"
Wellington Harbour Board	"	Pumping ..	106	15 and 30 ..	First class.
"	"	" ..	140	"	"
"	"	Dredge ..	9	Two 9 ..	Second class.
Wellington Hospital Board	Newtown ..	Laundry ..	24	8½	"
"	"	" ..	24	8½	"
Wellington Meat Export Company	Ngahauranga ..	Preserving ..	60	19 and 28 ..	First class.
"	"	" ..	100	"	"
"	"	" ..	38	8½ and 14½ ..	"
"	"	" ..	124	12	Second class.
"	"	Gasworks ..	56	Nil	"
"	"	" ..	56	"	"
"	"	Steaming ..	56	"	"
"	"	" ..	35	"	"
"	"	" ..	124	12	"
"	"	Fellmongery ..	84	Nil	"
"	"	Hauling ..	5	4 and 7 ..	Locomotive and traction.
"	Petone ..	" ..	12	Two 8 ..	"
"	Wellington ..	Freezing ..	40	19 and 28 ..	First class.
"	"	" ..	40	"	"
"	"	" ..	40	"	"
"	"	Hauling ..	16½	4 and 7 ..	Locomotive and traction.
Wellington Farmers' Meat Company	Waingawa ..	Freezing ..	64	17 and 27 ..	First class.
"	"	" ..	64	"	"
"	"	" ..	107	"	"
Wellington Woollen Company	Petone ..	Woollen mills ..	65	17½ and 35 ..	"
Westland Timber Company	Lower Hutt ..	Sawmill ..	25	12	Second class.
Whiteman, H. F. and J. ..	Akatarawa ..	" ..	22	12	"
Windsor Manufacturing Company	Wellington ..	Steaming ..	19	Nil	"

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
WELLINGTON NORTH DISTRICT.					
Alexander and Gorrie	Ngawaka	Sawmill	16	Two 9	Second class.
Andrew, Robert Charles	Sanson	General	6	5 and 9	Locomotive and traction.
Bell, Reginald T.	Feilding district	"	6	5½ and 10	"
"	Bull's	Flax-mill	25	12	Second class.
Bennett and Punch	Rangiotu	"	14	7½ and 12	First class.
Berry Bros.	Rangataua	Sawmill	72	17 and 27½	"
Booth, William, and Co.	Horopito	"	36	14	Second class.
"	Hihitahi	"	19	16	First class.
"	"	"	42	16	"
Broadbelt, Alexander	Feilding	Box-factory	40	12	Second class.
"	Raetihi Road	Sawmill	37	15	First class.
"	Ohakune	"	12	Two 8½	Second class.
"	"	Log-hauling	17	Two 8	"
Bunnythorpe Co-operative Dairy Com- pany	Bunnythorpe	Creamery	26	8	"
Ditto	"	"	16	Nil	"
Carter, Frank J.	Ohakune	Sawmill	10	Two 9	"
"	"	"	16	"	"
Cheltenham Co-operative Dairy Com- pany	Cheltenham	Dairy factory	26	9	"
Clement and Hutton	Manui	Sawmill	25	10½	"
Cook, William	Palmerston North	Cooperage	48	13	"
Craw, George	Lower Kairanga	Flax-mill	14	7½ and 12	First class.
Dunn, George L. S.	Mataroa	Sawmill	16	Two 8½	Second class.
Easton, Frederick S.	Moutoa	Flax-mill	39	12	"
Edwards, R. G.	Marton district	General	6	8	Locomotive and traction.
"	"	"	6	8	"
Eggleton, William	Bunnythorpe district	"	6	8½	"
"	Ditto	"	6	8	"
Egmont Co-operative Box Company	Utiku	Sawmill	70	14½	First class.
"	"	Hauling	12	Two 7½	Locomotive and traction.
Faulkner, Arthur	Pokako	Sawmill	30	14	Second class.
Feilding Sash and Door Factory	Feilding	Sash and door fac- tory	37	12½	"
Flower, Thomas	Bull's	Flour-mill	17	9	"
Frederick, August	Marton district	General	6	6 and 10	Locomotive and traction.
Gaisford, E. C.	Bull's district	"	7	6½ and 8	"
Gamman and Co.	Ohakune	Sawmill	22½	Two 9	"
"	"	"	45	20	First class.
"	"	"	55	20	"
"	"	"	45	16	"
"	"	"	45	16	"
Gardner and Sons	Turangaarere	"	36	12	Second class.
"	"	"	20	12	"
Gibbs, Albert J.	Foxton	Flax-mill	16	Two 9	"
"	"	"	12	7 and 11	"
Glen Oroua Co-operative Dairy Com- pany	Glen Oroua	Dairy factory	44	12	"
Goldfinch and Co.	Ohakune	Sawmill	36	14	"
Green, Donald	Karere	Flax-mill	12	7 and 11	"
Harvey, W. J. M.	Marton district	General	7	8½	Locomotive and traction.
Henderson Bros.	Marton	Flour-mill	25	8½ and 14	First class.
Howard, James	Greatford district	General	6	8	Locomotive and traction.
Jack and Dixon	Koeke Road	Sawmill	14	7½ and 12	First class.
James, Thomas P.	Stanway district	General	6	6 and 10	Locomotive and traction.
Jarvis, Harold	Lower Kairanga	Flax-mill	14	Two 8½	Second class.
Jensen and Co.	Raetihi	Sawmill	40	13	"
Kairanga Co-operative Dairy Company	Longburn	Dairy factory	25	9½	"
King, A., and Co.	Foxton	Flax-mill	12	Two 8½	"
Ledward, D., and Co.	Mataroa	"	16	10	"
Lewis and Kuitze	Palmerston North	Sash and door fac- tory	17	Two 8	"
Loughnan and Leven	Makerua	Flax-mill	14	Two 8½	"
Lowe, Frank F.	Feilding district	General	6	5 and 9	Locomotive and traction.
McElroy, Owen	Halcombe district	"	6	6 and 10	"
Managh, J. and G.	"	"	7	5½ and 9	"
Manawatu County Council	Foxton Tramway	Hauling	16	Two 10	"
"	"	"	17	Two 9	"
Manawatu Meat and Cold Storage Company	Awapuni	Abattoirs	32	9½	Second class.
Manawatu Timber Company	Taihape	Sawmill	36	12½	"
Mangawhero Sawmilling Company	Raetihi district	"	32	14	"
Marton Sash, Door, and Timber Com- pany	Marton	Sash and door fac- tory	22	9	"
Matthews, John	Sanson district	General	6	5½ and 9½	Locomotive and traction.
Meyer, John C.	Marton	Brick-works	17	9½	Second class.
"	"	General	8	9	Locomotive and traction.
Milverton and Son	Palmerston North	"	6	5½ and 8½	"
Morris Bros.	Marton district	"	6	6 and 10	"
Muggeridge Bros.	Ohakune	Sawmill	33	14	Second class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
WELLINGTON NORTH DISTRICT—<i>continued.</i>					
New Zealand Powell Wood Process (Limited)	Rangataua ..	Sawmill ..	56	16 ..	First class.
Ditto	" ..	Hauling ..	5½	Two 6 ..	Locomotive and traction.
"	" ..	Preserving wood ..	360	8 and 13 ..	First class.
Nathan, Joseph, and Co. ..	Bunnythorpe ..	Dried-milk factory ..	30	16 ..	"
"	" ..	" ..	150	16 ..	"
"	Makino ..	Butter-factory ..	30	13½ ..	Second class.
National Mortgage and Agency Company	Longburn ..	Refrigerating-works ..	40	10 and 20 ..	First class.
Ditto	" ..	Ditto ..	40	" ..	"
Nimmo, Robert	Foxton ..	Flax-mill ..	14	7 and 12 ..	Second class.
Oldfield, William	Marton district ..	General ..	6	8 and 10 ..	Locomotive and traction.
Ora Flax-milling Company ..	Foxton ..	Flax-mill ..	26	10½ ..	Second class.
Oroua County Council ..	Feilding district ..	Road repairs ..	4½	5½ and 8½ ..	Locomotive and traction.
Palmerston North Borough Council ..	Palmerston North ..	Road-roller ..	6	6 and 9½ ..	"
"	" ..	Stone-crushing ..	12	7 and 11 ..	Second class.
Paraeroa Sawmilling Company ..	Raetihi Road ..	Sawmill ..	43	16 ..	First class.
Perham, Larsen, and Co. ..	Rangataua ..	" ..	70	Two 12½ ..	"
"	" ..	" ..	42	16 ..	"
"	" ..	" ..	24	16 ..	"
"	" ..	Hauling ..	23	Two 9 ..	Locomotive and traction.
Phillips, W. J.	Sanson district ..	General ..	7	8½ ..	"
Pleasants, Owen C.	Wanganui district ..	" ..	6	5½ and 8½ ..	"
Quin Bros.	Hihitahi ..	Sawmill ..	67	19 ..	First class.
"	" ..	Hauling ..	8½	Two 6½ ..	Locomotive and traction.
Rangataua Timber Company ..	Rangataua ..	Sawmill ..	50	13 ..	Second class.
"	" ..	" ..	23	12 ..	"
"	" ..	" ..	35	12 ..	"
Rangitikei County Council ..	Marton district ..	Road-roller ..	5	5 and 8½ ..	Locomotive and traction.
Rata Co-operative Dairy Company ..	Rata ..	Dairy factory ..	25	9 ..	Second class.
Rongotea Co-operative Dairy Company ..	Rongotea ..	" ..	95	12 ..	"
Ross, William, and Son (Limited) ..	Foxton ..	Steaming ..	20½	Nil ..	"
Rowe Bros.	Rongotea district ..	General ..	8	8 ..	Locomotive and traction.
Rutherford, James G.	Waverley ..	Flax-mill ..	12	7 and 11 ..	Second class.
Saunders Bros.	Shannon ..	" ..	17	12 ..	"
Seifert, Louis	Rangitane ..	" ..	13	Two 9½ ..	"
Silver Pine Sawmilling Company ..	Horopito ..	Sawmill ..	36	14 ..	"
Smith and Donald	Mataroa ..	" ..	26	12 ..	"
Smith, Robert M.	" ..	" ..	45	15 ..	First class.
"	" ..	Hauling ..	15	Two 8½ ..	Second class.
Smith, W. G. C.	Lower Kairanga ..	Flax-mill ..	12	7 and 11 ..	"
Sollitt Bros.	Ohakune ..	Sawmill ..	25	10 ..	"
Syme, George	Horopito ..	" ..	40	14 ..	"
"	Tangiwai ..	Hauling ..	8	Two 8½ ..	Locomotive and traction.
"	" ..	Sawmill ..	40	16 and 14 ..	First class.
"	" ..	" ..	30	" ..	"
Taihape Co-operative Dairy Company ..	Ohutu ..	Dairy factory ..	20	8 ..	Second class.
Tanner, Robert	Karere ..	General ..	6	8½ ..	Locomotive and traction.
Taylor, J. H.	Cheltenham district ..	" ..	8	8½ ..	"
Trevor, James	Boundary Road ..	Brick and tile works ..	12	12½ ..	Second class.
Turangaarere Sawmilling Company ..	Hihitahi ..	Sawmill ..	33	Two 10 ..	"
Union Timber Sash and Door Company ..	Palmerston North ..	Sash and door factory ..	27	12 ..	"
Warring, Joseph	Marton district ..	General ..	7	6½ and 8 ..	Locomotive and traction.
"	" ..	" ..	8	9 ..	"
Whitanui (Limited)	Moutoa ..	Flax-mill ..	95	12½ and 20½ ..	First class.
WESTLAND DISTRICT.					
Ahaura Sawmilling Company ..	Ahaura ..	Sawmill ..	14	Two 10½ ..	First class.
Baxter Bros.	Baxter's Siding ..	" ..	16	Two 9½ ..	Second class.
"	Humphries ..	" ..	43	16½ ..	First class.
"	Baxter's Siding ..	Log-hauling ..	15	Two 9 ..	Locomotive and traction.
Benjamin and Malcock	Kanieri ..	Sawmill ..	12	Two 8½ ..	Second class.
"	" ..	" ..	13	Two 8½ ..	"
Blackwater Gold-dredging Company ..	Blackwater ..	Dredging ..	25	8 and 13½ ..	First class.
Butler Bros.	Ruatapu ..	Sawmill ..	43	Three 16 ..	"
"	" ..	" ..	43	" ..	"
"	" ..	" ..	43	" ..	"
"	" ..	" ..	43	" ..	"
"	" ..	" ..	60	" ..	"
"	" ..	" ..	25	Four 8 ..	Second class.
"	" ..	Hauler ..	43	Two 8 and two 8½ ..	"
"	" ..	Log-hauling ..	9½	Two 7 ..	Locomotive and traction.
"	" ..	Locomotive ..	14	Two 8 ..	"
Christchurch Timber Company ..	Jackson's ..	Sawmill ..	20	12½ ..	"
Consolidated Goldfields of New Zealand (Limited)	Waiuta ..	Mining ..	48	Two 14, two 14, one 16, two 7, one 4½ ..	First class.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*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.
WESTLAND DISTRICT— <i>continued.</i>					
Consolidated Goldfields of New Zealand (Limited)	Waiuta	Sawmill	16	Two 8½	Second class.
Davidson Bros.	Hokitika	Hauling	18	Two 8	Locomotive and traction.
Davis, J.	"	Brewery	16	7	Second class.
Dispatch Foundry	Greymouth	Shop-tools	37	11½ and 20	First class.
Dobson Stone Syndicate	Dobson	Stone-crushing	20	8 and 12½	"
Erickson, G.	Ahaura	Log-hauling	8	6 and 10	Locomotive and traction.
"	Orwell Creek	Sawmill	20	Two 10	Second class.
Forest Sawmilling Company	Ngahere	Log-hauling	8	6½ and 11½	Locomotive and traction.
Frying Pan Gold-dredging Company	Cronadun	Gold-dredge	25	8 and 12½	First class.
Gilbert and Murphy	Greenstone	Sawmill	32	18	"
Grant, H. J.	Camerons	Flax-mill	16	7 and 11½	Second class.
Greenstone Mountain Company	Wainihinihi	Mining	58	"	First class.
Greymouth Borough Council	Greymouth	Fire-engine	7	Three 7	Second class.
Greymouth Harbour Board	Cobden	Hauling	22	Two 10	Locomotive and traction.
"	"	15-ton crane	8	Two 9	Second class.
"	"	"	9	"	"
"	"	Hauling	10	Two 8	Locomotive and traction.
"	"	"	9	Two 7	"
"	"	Fire-engine	7	Three 7	Second class.
Hende, Carl	Wataroa	Flax-mill	18	7 and 11½	"
Ikamatus Sawmilling Company	Greymouth	Woodwork	24	12	"
"	Ikamatus	Sawmill	20	Two 11	First class.
"	"	Locomotive	8	Two 7	Locomotive and traction.
Jack Bros.	Kotuku	Sawmill	35	11 and 17½	First class.
"	"	Log-hauling	11½	Two 7½	Locomotive and traction.
K.K. Sawmilling Company	Kumara Junction	Sawmill	37	14	Second class.
"	Loop Line	"	20	7 and 11½	"
Kotuku Sawmilling Company	Aratika	Hauling	7	18	First class.
Lake Brunner Oil Company	Kotuku	Oil-boring	19	9	Second class.
Lake Brunner Sawmilling Company	Ruru	Sawmill	16	Two 10	"
"	"	"	16	"	"
"	"	Log-hauling	8	Two 6	Locomotive and traction.
Long and Daly	Near Blackball	Sawmill	16	Two 9½	Second class.
McIlroy, J.	Greenstone Creek	Dredging	20	7 and 11½	"
Malfroy, J. C.	Hoho	Sawmill	40	16	First class.
"	"	Log-hauling	9	Two 7	Locomotive and traction.
Midland Sawmilling Company	Ngahere	Sawmill	50	9 and 14	First class.
"	"	Locomotive	14	Two 7	Locomotive and traction.
Mikonui Flax-milling Company	Mikonui	Flax-mill	12	Two 8½	Second class.
Millerton Gold-mining Syndicate	Waiuta	Mining	60	Two 12, one 15, one 6	First class.
Moana Sawmilling Company	Moana	Sawmill	36	14½	"
Montezuma Gold-mining Company	Near Hokitika	Mining	16	Two 9	Second class.
"	"	"	20	8 and 12½, 8 and 12½	First class.
"	Three-mile Beach	"	20	8 and 12½	"
Moss, G. W., and Co.	Marsden	Sawmill	20	Two 10	Second class.
New Zealand Government (Public Works Department)	Otira	Compressors	95	13 and 22	First class.
New Zealand Government (State Coal-mines Department)	State Mines	Mining	20	7 and 11, two 10, two 10½	"
Ditto	"	"	20	Ditto	"
"	State Extension	"	72	12 and 19	"
"	"	"	72	"	"
New Zealand Greenstone Mountain Company	Kumara	Motor-wagon	7	5 and 8½	Locomotive and traction.
Ditto	"	"	7	"	"
Ogilvie, W., and Co.	Gladstone	Sawmill	49	16	First class.
"	"	Hauling	16	Two 8	Second class.
"	"	Log-hauling	8	Two 7	Locomotive and traction.
Pactolus Gold-dredging Company	Nelson Creek	Dredging	32	9 and 14	First class.
Perotti, G.	Mawheraiti	Hauling	10	Two 8	Locomotive and traction.
Perry, Hegan, and Co.	Takatai	Sawmill	20	Two 10	Second class.
"	"	Log-hauling	24	Two 8	Locomotive and traction.
Red Jacks Sawmilling Company	Red Jacks	Sawmill	20	14	Second class.
"	"	"	20	14	"
"	"	Locomotive	7	Two 7	Locomotive and traction.
Rotomana Flax-milling Company	Rotomana	Flax-mill	16	Two 9	Second class.
Stafford Gold-dredging Company	Stafford	Gold-dredge	33	8 and 12½	First class.
Stewart, A. A.	Greymouth	Hauling	2½	7	Locomotive and traction.
Stratford and Blair	Arnold Siding	Sawmill	37	13	Second class.
"	Greymouth	"	35	9½	"
"	Kaimata	"	48	16	First class.
"	"	Log-hauling	28	Two 7½	Locomotive and traction.
"	Paroa	Sawmill	17	8½ and 13	First class.
"	"	Log-hauling	20	Two 8½	Locomotive and traction.
"	Patara	Sawmill	47	14½	First class.
"	"	Locomotive	7	Two 7½	Locomotive and traction.
"	Snowy River	Sawmill	16	Two 10	Second class.
"	"	Log-hauling	22	Two 9	Locomotive and traction.

RETURN SHOWING NAMES OF OWNERS OF BOILERS INSPECTED, &c.—*continued.*

Name of Owner.	Where Boiler used.	Purpose for which used.	Horse-power of Boiler.	Diameter of Cylinders of Engine in inches.	Class of Driver required.
WESTLAND DISTRICT—<i>continued.</i>					
Stuart and Chapman	Mikonui	Sawmill	18	11	Second class.
"	Rimu	"	35	14	"
"	"	Log-hauling	25	Two 6½	Locomotive and traction.
Te Kinga Land and Timber Company	Te Kinga	Sawmill	60	Two 12½	First class.
"	"	"	35	17	"
"	"	Log-hauling	6	6 and 10	Locomotive and traction.
Totara Timber Company	Papakamai	Sawmill	32	12	Second class.
"	"	"	20	12	"
Try-again Gold-dredging Company ..	Nelson Creek	Gold-dredge	20	8 and 12½	First class.
Waimea Sawmilling Company ..	Awatuna	Sawmill	20	Two 10	Second class.
Watson, R.	Dillmanstown	"	38	14	"
Westland Brick and Tile Company ..	Kapatea	Brick-works	20	Two 9	"
"	South Beach	"	16	7 and 11½	"
Westland Sawmilling Company ..	Cameron's	Sawmill	58	11 and 14	First class.
"	"	Log-hauling	18	Two 8	Locomotive and traction.
"	Inchbonnie	Sawmill	60	9½ and 10	Second class.
"	"	Locomotive	16	Two 7	Locomotive and traction.
"	Mananui	Sawmill	60	Two 11	First class.
"	"	Locomotive	10	Two 8	Locomotive and traction.
"	Ruatapu	Sawmill	20	8 and 12½	First class.
Wilmot, G.	Kanieri	Hauling	6	6½ and 10½	Locomotive and traction.
Worksop Gold-dredging Company ..	Hinau	Gold-dredge	30	8½ and 12½	First class.

NEW ZEALAND WRECK CHART.

1st APRIL, 1913 to 31st MARCH, 1914.

Compiled from Official Records
in the
MARINE DEPARTMENT.

SYMBOLS.

STRANDINGS.

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

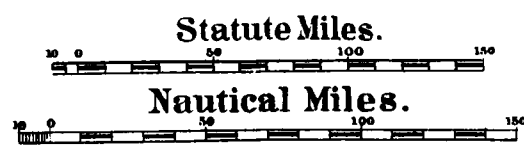
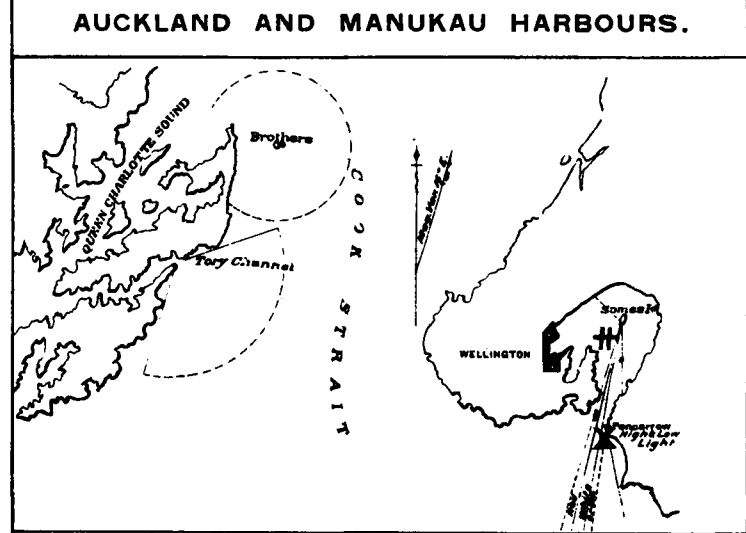
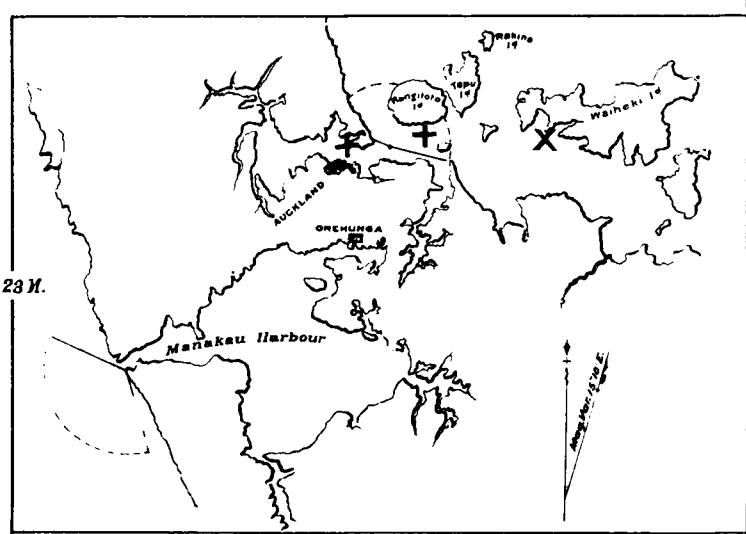
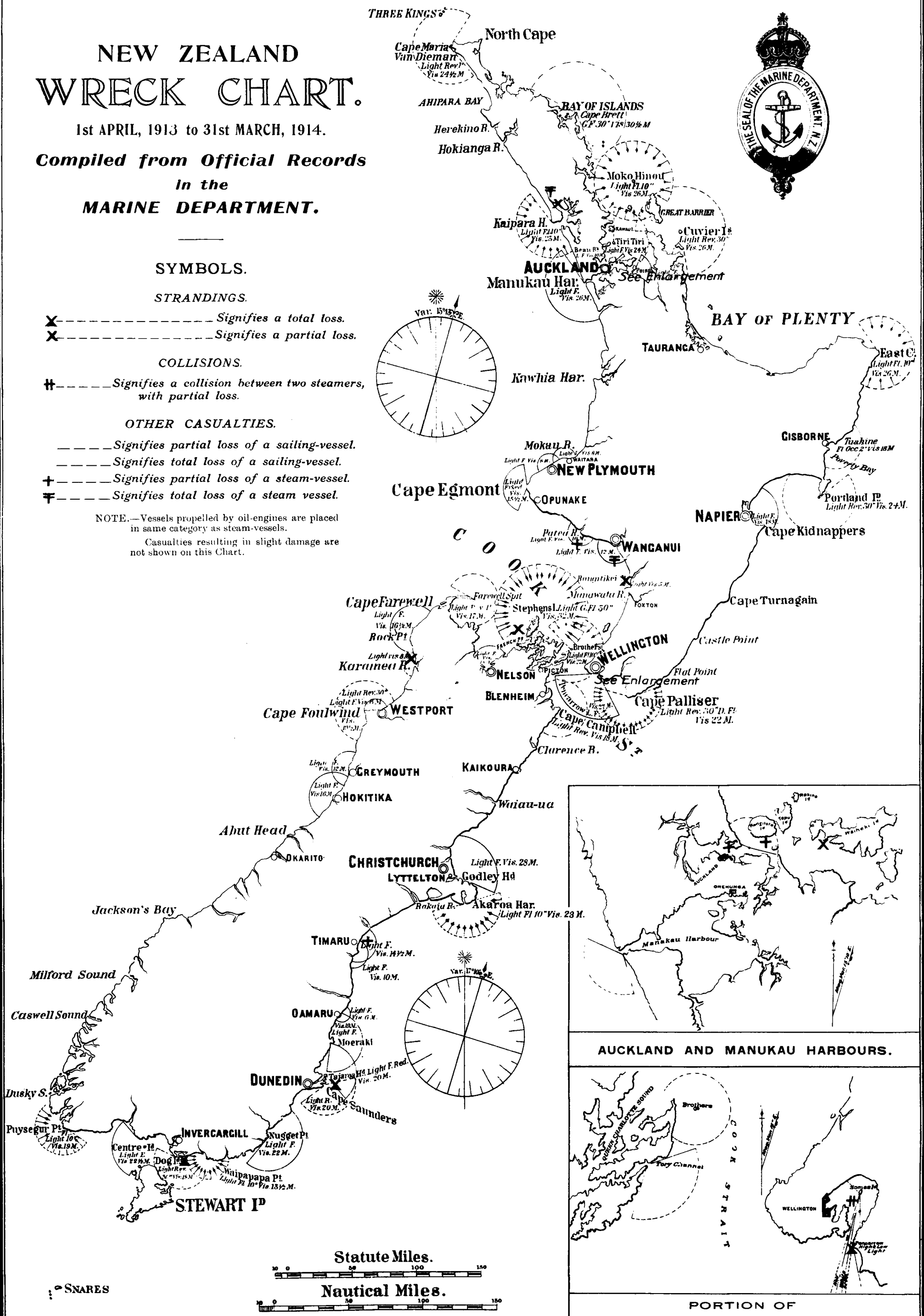
COLLISIONS.

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

OTHER CASUALTIES.

- Signifies partial loss of a sailing-vessel.
- Signifies 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.



SNARES

