

*S.s. "Claymore."* The engines and boiler of this vessel were removed. The hull was cut in two, and a new piece was added to lengthen the hull 20 ft. An extra watertight bulkhead was fitted abaft the main engines. New port and starboard bilge-keels, 60 ft. long, and new coal-bunkers were fitted. The main engines and all auxiliaries received a thorough overhaul. The register tonnage of this vessel was altered from 99.98 to 119.16.

*S.s. "Condor."*—In the port main boiler of this vessel the combustion-chamber and back tube-plate were cut out and renewed, and the boiler was afterwards tested by hydraulic pressure.

*Dredge "Eileen Ward."*—This large and powerful twin-screw suction dredge was built in Paisley to the order of the Westport Harbour Board, and she was surveyed for the first time this year. Her principal dimensions are 205 ft. by 36.2 ft. by 16 ft. 9 in. Tonnage—Gross, 1,023; register, 472. The engines are triple-expansion surface-condensing, with cylinders 13 in., 23 in., and 34 in. diameters, and the length of stroke is 22½ in. There are two main boilers, 14 ft. 9 in. diameter, 10 ft. 6 in. long, and working at a pressure of 180 lb. to the square inch. The suction-dredge pumps can raise 3,000 tons of material per hour from a depth of 40 ft.

*S.s. "Glenelg."*—This vessel was fitted with a new bridge-deck, and received an extensive general overhaul.

*Dredge "Hapai."*—This vessel is a twin-screw bucket hopper dredger of the stern-well type, and was built in Paisley for the Auckland Harbour Board. She was surveyed for the first time this year. Her principal dimensions are 205 ft. by 40 ft. by 14 ft. 9 in. Tonnage—Gross, 867; register, 364. The engines are triple-expansion surface-condensing, cylinders 15 in., 24 in., and 39 in. diameters, and length of stroke 24 in. There are two main boilers, 12 ft. diameter, 10 ft. long, and working at a pressure of 170 lb. per square inch. The vessel has been designed to raise 1,200 tons per hour from a depth of 45 ft.

*S.s. "Haupiri."*—This vessel had an extensive overhaul last survey. In the forepeak some new frames, reverse bars, stringer-angles, and one new plate were put in. A new collision bulkhead was fitted. In the forecabin there were fitted ten new gusset-plates and four new reverse bars. In the forehold six new gusset-plates and one new plate were fitted. In the after 'tween-decks three new web frames, four new frames, two new reverse bars, and eleven new gusset-plates were fitted. In the after-hold eleven new reverse bars and seventeen new plates were fitted. Several new sheathing-plates were fitted to the saloon-deck and to the outside of hull, and seven new plates were fitted to the bunkers.

*O.E.V. "Huanui."*—This is a new vessel, surveyed for the first time this year. The hull, which is of wood, was built in Auckland. The principal dimensions are 90 ft. by 24 ft. by 6.5 ft. Tonnage—Gross, 139; register, 59. The propelling machinery is a three-cylinder oil-engine of 45 b.h.p.

*S.s. "Huia."*—The propeller-shaft of this vessel was drawn and a new propeller-boss and stern-bush fitted. The thrust-bearing was retapped and bored out. A new length of 6 ft. was put on top of the funnel and a new casing at the bottom fitted, besides other repairs to hull, boiler, and machinery.

*S.s. "Hauroro."*—At the last survey of this vessel the h.p. cylinder was bored out and a spare forward crank-shaft fitted. All bearings were retapped and lined up. Several new stays were fitted to the tube-plates of the main boiler.

*S.s. "Hananui II."*—This is a new whaling-vessel, owned in Auckland, and surveyed for the first time this year. Her principal dimensions are 90 ft. by 19 ft. by 11.16 ft. Tonnage—Gross, 127; register, 44. The engines are triple-expansion surface-condensing; diameters of cylinders, 11 in., 18 in., and 30 in.; length of stroke, 20 in.; boiler-pressure, 180 lb. per square inch.

*O.E.V. "Jane."*—The hull of this wooden vessel was extensively repaired. All the copper was stripped off the bottom. Sixty-four new frames were fitted, also nine strakes of new lining and seven of outside planking fitted. The whole of the hull was caulked, the bottom felted and sheathed with heart of totara.

*T.S.s. "Kaitoa."*—This vessel was built in Glasgow for Nelson owners. Her principal dimensions are 130 ft. by 22.5 ft. by 9.46 ft. Tonnage—Gross, 303; register, 118. The propelling machinery consists of two sets of compound surface-condensing engines, with cylinders of 10½ in. and 24 in. diameters, and a length of stroke of 18 in. There is one main and one donkey boiler working at 140 lb. and 100 lb. pressure per square inch respectively. This vessel is engaged in the cargo trade.

*T.S.s. "Koutunui."*—This is the first survey of this vessel, which has been built of wood in Auckland. Her principal dimensions are 105 ft. by 24 ft. by 8 ft. Tonnage—Gross, 171; net, 98. Her engines are compound surface-condensing, with cylinder-diameters of 8 in. and 18 in., and a length of stroke of 10 in., and were also made in Auckland. The boiler is of the Scotch multitubular type, and was built in Glasgow.

*S.s. "Kowhai."*—This vessel, surveyed for the first time this year, was built in Middlesborough, and is engaged in the coastal cargo trade. Her dimensions are: Length, 193 ft.; beam, 30 ft.; depth (moulded), 13.95 ft. The machinery consists of one set of triple-expansion surface-condensing engines, with cylinders 16 in., 27 in., and 44 in. diameters, and a stroke of 30 in., driven from two multitubular boilers of 180 lb. per square inch working-pressure.

*T.S.s. "Koi."*—This vessel was lengthened 16 ft. 8 in. from the break of the bridge-deck forward, and the after-deck was raised 3 ft. from the break of the bridge-deck aft.

*T.S.s. "Maori."*—At the last survey of this vessel a new h.p. turbine was fitted.

*Dredge "Maui."*—This dredge, which was surveyed for the first time this year, was built in Scotland for the Gisborne Harbour Board. She is a twin-screw, stern-well, combined bucket-ladder, trailing suction-pipe, hopper dredge, 168 ft. long by 31.15 ft. beam by 11.4 ft. deep. The propelling-engines have cylinders of 11 in., 17 in., and 28 in. diameters, with a stroke of 21 in. Steam is supplied by two multitubular boilers, 12 ft. diameter by 10 ft. long, working at a pressure of 160 lb. per square inch. Her tonnage is 558 gross and 251 register. The hopper-capacity is 400 tons, and the dredging-depth 26 ft.