

Report of Survey for Repairs, &c., of Engines and Boilers

(Received at London Office **14 JUL 1952**)

Report 30-6-19 52 When handed in at Local Office 19

Port of **DUNEDIN, N.Z.**Survey held at **Port Chalmers & Dunedin** Date: First Survey **27th Feby.** Last Survey **24th June 1952.**
(No. of Visits **thirty**)on the Machinery of the Wood, Iron or Steel **M.V. " HOLMDALE "**No. **679** Vessel built at **Dublin** By whom **Dublin Shipbuilders Ltd.** Year. **1921** Month. **12**No. **455** Engines made at **Skim.** By whom **A/B Atlas-Diesel** When **1932**No. **334** Boilers, when made (Main) **-** (Donkey) **1920**No. **Nil** Owners **Dunedin Wanganui Shipping Co. Ltd.** Owners' Address **-**Boilers **One** Managers **Holm & Co. Ltd.** (if not already recorded in Appendix to Register Book.)
Port **Dunedin** Voyage **Coastal**No. **100** If Surveyed Afloat or in Dry Dock **both Port Chalmers** Particulars of Classification (which must be inserted
(State name of Dock.) **precisely as in Register Book & Supplements.**

No. **100** Port **Dunedin**

of Examination and Repairs (if any) Docking, Completion of CS & DBS +100A1

Years, when held, must be reported in detail and serially in the terms of the Rules. State clearly the nature and extent of Examinations and subsequent Repairs. Repairs on damage (the cause of which must be stated) should be separated from Repairs due to other causes; and detailed in the body of the report, should be briefly summarised at the end of the report. State also the nature of any letters respecting this case.

CHARACTER. * for Special Survey Date of last Survey and of Periodical Surveys.	Years assigned now expired.	Machinery and Boiler Surveys (including date of N.B., if any).
DBS +100A1		+NE37 +LMC11,49
10,501		DBS 10,50 11,51
Reclassified 11,49		+NDB made 34
sswln.-11,49 (Dr)		refitted 37
		Tail Shaft
		9,49 10,51

where the Surveyor has not made a special damage report he is required to state whether

is services for this purpose, and why they were declined

report made by anyone else? If so, by whom?

personally go inside each Main Boiler separately and make a thorough examination at this time? **Yes**" " Donkey " " " " **Yes**

what reasons

What parts of the Boilers could not be thus thoroughly examined?

ins, in the absence of internal examination, were adopted by the

himself of the thorough efficiency of those parts of each Boiler?

of internal examination of each boiler. **26-5-52**Present condition of funnel(s) **Good**

examine the Safety Valves of the Main Boilers?

To what pressure were they afterwards adjusted under steam?

examine the Safety Valves of the Donkey Boilers? **Yes**To what pressure were they afterwards adjusted under steam? **100 lbs.**

examine all the manholes, doors and their fastenings of the Main Boilers?

and of the Donkey Boilers? **Yes**

examine the drain plugs of the Main Boilers?

and of the Donkey Boilers? **Yes**

examine all the mountings of the Main Boilers?

and of the Donkey Boilers? **Yes**ift now been drawn and examined? **No** Has it a continuous liner? **-** Is an approved oil retaining appliance fitted at the after end?en changed? **-** If so, state reasons **-** Has the shaft now fitted been previously used? **-** Has it a continuous liner? **-**il retaining appliance fitted at the after end? **-** State date of examination of Screw Shaft **-** State the wear down in the**32"** Is electric light and/or power fitted? **Yes** If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? **Yes**a resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? **Yes**

Engine parts, when referred to by numbers should be counted from forward.

not complete, state what arrangements have been made for its completion and what remains to be done **Complete.****ck examined After End Stern Bush, Propeller and Fastenings. All Sea Connections, including**
s, Discharges and Blowdown, opened up, cleaned, and specially examined with their fastenings.**ES: Scavenge Air Pump opened up and examined throughout completely, Two-Stage Air Compressor****ly opened up and examined, No.1, No.2, No.3, No.4, and No.5 Main Bearings, Journals and****gs examined, No.5 Cylinder, Piston & Rings, Cylinder Cover Valves & Fastenings examined, New****over fitted, Top and Bottom End Bearings, Gudgeon pin, Connecting Rod, Crankpin & Webs examined,****Bearing and Fastenings examined, Intermediate Shaft & Bearing, Journal & Fastenings examined,****oting, and Control Gear, Timing Gearing & Fastenings examined, Fuel Pumps examined, Booster****np examined, All Main Engine Driven Pumps Opened up and examined, including: Two Lubricating****gs, Circulating Pump, Bilge Pump complete. AUXILIARIES: All Auxiliary Machinery opened up****ained throughout, including: Auxiliary Oil Engine, Auxiliary Air Compressor, Ballast Pump,****Service Pump, Donkey Boiler Feed Pump. Auxiliary Steam Condenser examined and tested.****ynamo Engine opened up and examined. Electrical Installation: Examined throughout, including**

(Contd:)

bservations, Opinion, and Recommendation:—

rly what alteration, if any, is suggested to be made in the existing classification of the vessel's machinery in the Register Book, consequent upon this survey, and also any
tion required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, B.S. 9,11, B.M.S. 9,11, +LMC. 9,11, or
C 140 lb., F.D., &c.)

achinery of this Vessel as now seen found in good and efficient condition and in my opinion

le to be continued as classed in the Register Book with the Record of +LMC CS6,52, and

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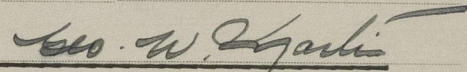
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Survey of Machinery of the M.V. " HOLMDALE "

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steam driven Generator, Aux. Oil Eng. driven Generator and belt driven Generator, Main Leads, Switchboard, Distribution boxes and sub-circuits. After several minor repairs subjected to a satisfactory Insulation Test, subsequently Generators examined under Load under working conditions and found satisfactory. Steam Pipes examined and tested to 200 lbs. per square inch. Pumping Arrangement examined throughout and tested. Daily Service Tanks & Storage Tanks examined, fittings opened up and examined. Two Air Recivers opened up, cleaned and examined with their Mountings, subsequently relief Valves adjusted to 350 lbs. per sq. inch. Donkey Boiler opened up, including All Mountings, cleaned and examined specially throughout. Subsequently Boiler examined under Steam, Oil Burning System examined and Steam smothering system tested. Subsequently on Completion of re-assembly, Main Engines and All Auxiliaries Examined under working conditions. Spare Gear Examined and found in excess of Rule Requirements. Repairs: Numerous minor repairs and replacements were effected to Machinery on account of wear and tear.



Surveyor.



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