

PORT OF SURVEY FOR REPAIRS, &c., OF ENGINES AND BOILERS

(Received at London Office

25 NOV 1946

Writing Report 26/9/46

When handed in at Local Office 26/9/46

Port of Valparaiso.

Survey held at Valparaiso.

Date. First Survey 24/6/46

Last Survey 20/9/46

19

on the Machinery of the Wood, Iron or Steel s/s "Indus 6" ex "Skudd 4"

(No. of Visits.....)

Gross 294

Vessel built at Oslo.

By whom

Nylands Vaerksted.

When 1929

Net 51

Engines made at Oslo.

By whom

Nylands Vaerksted.

When 1929

Main Boilers 1SB

Boilers, when made (Main) 1929

(Donkey)

--

Donkey Boilers --

Owners Cia. Industrial de Valparaiso.

Owners' Address

Casilla 960 - Valparaiso.

Boilers 200lbs

Managers

(if not already recorded in Appendix to Register Book.)

Port Tonsberg.

Voyage

Boilers --

If Surveyed Afloat or in Dry Dock Harbour & Floating Dock.

(State name of Dock.)

Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Port No. Port

Results of Examination and Repairs (if any) L.M.C. for classification.

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

Where the Surveyor has not made a special damage report he is required to state whether he offered his services for this purpose, and why they were declined.

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

Did the Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? yes.

Donkey " " " "

For what reasons? " " " "

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

Means, in the absence of internal examination, were adopted by the Surveyor to assure himself of the thorough efficiency of those parts of each Boiler?

Date of internal examination of each boiler 8/7/46.

Present condition of funnel(s) good.

Did the Surveyor examine the Safety Valves of the Main Boilers? yes. To what pressure were they afterwards adjusted under steam? 200 lbs.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? -- To what pressure were they afterwards adjusted under steam? --

Did the Surveyor examine all the manholes, doors and their fastenings of the Main Boilers? Yes. and of the Donkey Boilers? --

Did the Surveyor examine the drain plugs of the Main Boilers? -- and of the Donkey Boilers? --

Did the Surveyor examine all the mountings of the Main Boilers? yes. and of the Donkey Boilers? --

Has the shaft now been drawn and examined? yes. Has it a continuous liner? yes. Is an approved oil retaining appliance fitted at the after end? no.

Has the shaft been changed? no. If so, state reasons. -- Has the shaft now fitted been previously used? -- Has it a continuous liner? --

Is an approved oil retaining appliance fitted at the after end? -- State date of examination of Screw Shaft 27/8/46 State the wear down in the

good fit. Is electric light and/or power fitted? yes. If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? yes.

Has the 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. Complete.

Is the machinery complete, state what arrangements have been made for its completion and what remains to be done.

S.(C.L.) - Vessel in drydock, propeller, tail shaft (C.L.), stern bush, sea connections & fastenings examined & found or put in good condition.

Examine cylinders, pistons, valves, crank, thrust & intermediate shafts examined & found or put in good condition. Condenser examined & tested. Main steam pipes examined & tested 400lbs.

Examine Air, feed, bilge, circulating, oil fuel transfer, oil fuel & general service pumps & pumping apparatus examined & found or put in good condition.

Examine burning installation examined throughout & found or placed in good condition.

Examine pressure pipes, heaters & fittings tested 400lbs.

Examine suction pipes in engine & boiler room tested 30lbs.

Examine examined internally & externally with safety valves, doors & mountings & found or placed in good condition. Boiler hydraulic tested. 350 lbs.

Examine examined under steam & safety valves adjusted 200lbs. Electrical installation generally

& tested under working conditions, Generator, cables & fittings meggar tested & found or placed in good condition.

See follower:-

Observations, Opinion, and Recommendation:-

Clearly 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 alteration required to be made in the records of the vessel's machinery, boilers, working pressures, &c.; thus, for example, BS 9,11, B&MS 9,11 or LMC 9,11 or LMC 140 lb., FD, &c.)

Machinery of this vessel as far as now seen is in safe working condition & eligible in my

to have the notation of L.M.C. 9 -46 T.S.(C.L.) 9 -46 made in the Register Book.

entry:- \$...260.00

(per Section 29) L.M.C. \$...1,820.00

Survey T.S.(CL) \$...260.00

Age or Repair Fee (if any) \$...650.00

Installation \$...260.00

Expenses (if chargeable) \$...260.00

Received by me, not paid to date.

Engineer Surveyor to Lloyd's Register of Shipping.

Chas R Rowcliffe

Engineer Surveyor to Lloyd's Register of Shipping.

Is a Certificate required? If so, to be sent to

Ministry of Transport

Ministry of Transport

Ministry of Transport

Ministry of Transport

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ery Repairs:- Thrust shaft collars skimmed up. and pads remetalled.

Thrust block bearings remetalled.

Tail shaft coupling bolts renewed.

Main injection valve lid renewed.

Auxiliary discharge valve spindle renewed.

mp:- Three steam end rings renewed, piston rod renewed.

(Duplex):- Steam & water ends bored out, pistons built up & machined & new rings fitted; piston rods renewed, valve spindles renewed.

el Transfer Pump:- Piston rings renewed, valve spindles renewed, oil end liners renewed.

ifugal Pump:- Steam cylinder bored out, new piston & rings fitted, piston valve chamber bored out & new piston valve fitted. Piston rod renewed.

liary Feed Pump:- Steam & water ends bored out, pistons built up & machined & new rings fitted, piston rods renewed, valve spindles renewed.

ngine:- Piston valve chamber bored out & new piston valve fitted.

Steam end rings renewed. Piston rod renewed.

r:- A number of leaking tubes expanded, blow down valve lid renewed.

Main steam valve chest rejointed to boiler shell.

CPR



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Foundation

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