

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

(Received at London Office)

5-JUN-1952

Date of writing Report 26th May 1952 When handed in at Local Office 26th May 1952 Port of K I E L
 in Book. Survey held at Kiel Date. First Survey 16th October Last Survey 13th Dec. 1951
 (No. of Visits 21)

106 A on the Machinery of the ~~XXXXXXX~~ Steel Sailing vessel "PAMIR"

Gross 2796 Vessel built at Hamburg By whom Blohm & Voss Year. Month. When 1905 16
 Net 2522 Engines made at Kiel By whom Krupp-Germaniawerft When 1943
 Main Boilers Boilers, when made (Main) (Donkey)
 Owners Rederei Schlawen Owners' Address
 (if not already recorded in Appendix to Register Book.)
 Managers Port Lübeck Voyage
 If Surveyed Afloat or in Dry Dock both Howaldtswerke Kiel
 (State name of Dock.)

Report No. Port
 Particulars of Examination and Repairs (if any) Inst. of aux. engines.

Heat Surveys, when held, must be reported in detail and seriatim 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 besides detailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and of any letters respecting this case.

Large cases 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.

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

Surveyor personally go inside each Main Boiler separately and make a through examination at this time?

Donkey " " " "

State for what reasons? What parts of the Boilers could not be thus thoroughly examined?

Special 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?

Latest date of internal examination of each boiler

Surveyor examine the Safety Valves of the Main Boilers?

Surveyor examine the Safety Valves of the Donkey Boilers?

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

Surveyor examine the drain plugs of the Main Boilers?

Surveyor examine all the mountings of the Main Boilers?

Screw shaft now been drawn and examined?

Has it a continuous liner?

Is an approved oil retaining appliance fitted at the after end?

Has the shaft now fitted been previously used?

Has it a continuous liner?

State date of examination of Screw Shaft.

State the wear down in the bush.

Is electric light and/or power fitted?

If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses?

Insulation resistance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms?

Parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

Survey is not complete, state what arrangements have been made for its completion and what remains to be done.

complete.

DONE - Vessel placed in dry dock.

Stern frame cropped and part renewed, incorporating propeller post and stern tube fitted.

Sea inlet and overboard discharge valves fitted (cast steel). Seating s for auxiliary engine, thrust, ancillary machinery and domestic boiler built in on open floors in machinery space, aft.

Krupp, 6 cylinder, 4 S.C.S.A., propulsion engine examined, shafting brinell tested, cylinders part watertested and all found in good order. Engine installed together with thrust- intermediate and screw shafting and 2-bladed bronze propeller.

Auxiliary equipment (as shown overleaf) examined and installed together with air receivers, and compressed air piping, sea cooling water and lubricating oil pipes and connections.

Oil fuel service tanks with oil fuel pipe lines, valves and fittings, constructed and installed with gutterways, in accordance with the Rules (Plan No. 2498).

Pumping arrangements, installed in accordance with approved plan (MR 2495) tested and left in good order.

P.T.O.

General Observations, Opinion, and Recommendation:—

(State 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, LMC 9,11 or LMC 140 lb., FD, &c.)

CS 3,34 The machinery of this vessel, as now seen, is in good order and eligible, in my opinion, to be classified LMC 12,51 (without the mark +) and NE refitted 51 (aux.)

see Report 8 for inclusive fee.

Damage or Repair Fee (if any) (per Section 29.)

Expenses (if chargeable)

Fees applied for

Received by me,

Engineer Surveyor to Lloyd's Register of Shipping.

TUES. 1 JUL 1952

Lmc 12.51 Sub, eck

NE made '43 refitted '51.



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ELECTRICAL EQUIPMENT: (75 KW)

Generators, motors, switchboard, and wiring and fittings installed in accordance with the approved plans (MKE 519 a and 523) examined, megger tested and left in good order.

Fire Extinguishing, Washdeck service line and foam, portable fire extinguishers have been provided.

Domestic Boiler A heating boiler (oil fired), having working pressure of 3 ATS, has been satisfactorily fitted on board.

The auxiliary propelling machinery and its auxiliary equipment, pumping arrangements and windlass and electrical installation tried out under working conditions and found satisfactory.

B. J.

List of Generators, Compressors, Pumps, etc.:

- 1) 2 aux. engines and generators 30 KW
- 2) 1 " engine and generator 15 KW
- 3) 2 starting air compressors (ED)
- 4) 1 GS, bilge and sea circulating stand-by pump
- 5) 1 ballast pump
- 6) 1 L.O.-stand-by pump
- 7) 6 starting air receivers
- 8) 1 donkey boiler (for domestic purposes.)
- 9) 1 L.O. cooler.
- 10) Auxiliary Sea circulating pump.

Sketch showing location of Machinery

