

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

(Received at London Office)

Report made on 26th May 1952 When handed in at Local Office 26th May 1952 Port of K I E L
Key held at Kiel Date First Survey 21st October Last Survey 18th January 1952
(No. of Visits 13)

Machinery of the ~~XXXXXX~~ Steel Sailing Vessel "PASSAT"
3137 Vessel built at Hamburg By whom Blohm & Voss When 1911-11
2585 Engines made at Kiel By whom Krupp-Germaniawerft When 1943
Boilers, when made (Main) - (Donkey) -
Owners Rederei Heinz Schliewen 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.)

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

CHARACTER * for Special Survey, Date of last Survey and of Periodical Surveys.	Years assigned how expired.	Machinery and Boiler Surveys (including date of N.B., if any)
* ..	12, 34	
ss Ham.-No. 2-30		
ss. Mal No 3 3 22		

of Examination and Repairs (if any) Inst. of aux. engines.
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 the cause of which must be stated should be separated from Repairs due to other causes; and besides in the body of the report, should be briefly summarised at the end of the report. State also the dates and 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.

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

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

Donkey " " " " " " " " " " " "

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?

to of internal examination of each boiler

or examine the Safety Valves of the Main Boilers? To what pressure were they afterwards adjusted under steam?

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

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

or examine the drain plugs of the Main Boilers? and of the Donkey Boilers?

or examine all the mountings of the Main Boilers? and of the Donkey Boilers?

shaft now been drawn and examined? Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end?

been changed? If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

oil retaining appliance fitted at the after end? State date of examination of Screw Shaft State the wear down in the

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?

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

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

- 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). Seatings 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.

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 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 140 lb., FD, &c.)

CS 334 The machinery of this vessel, as now seen, is in good order and eligible, in my opinion, to be classified LMC 1,52 (without the mark *) and NE refitted (aux.).

52

Section 20 see report 8 & for inclusive fee.

or Repair Fee (if any) (per Section 20.)

ences (if chargeable)

Minute

TUES. 1 JUL 1952

Lmc 1.52

NE rebuilt made 43 refitted '52

CERTIFICATE WRITTEN

Fees applied for 19

Received by me, 19

Engineer Surveyor to Lloyd's Register of Shipping.

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

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ELECTRICAL EQUIPMENT (75 KW)

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

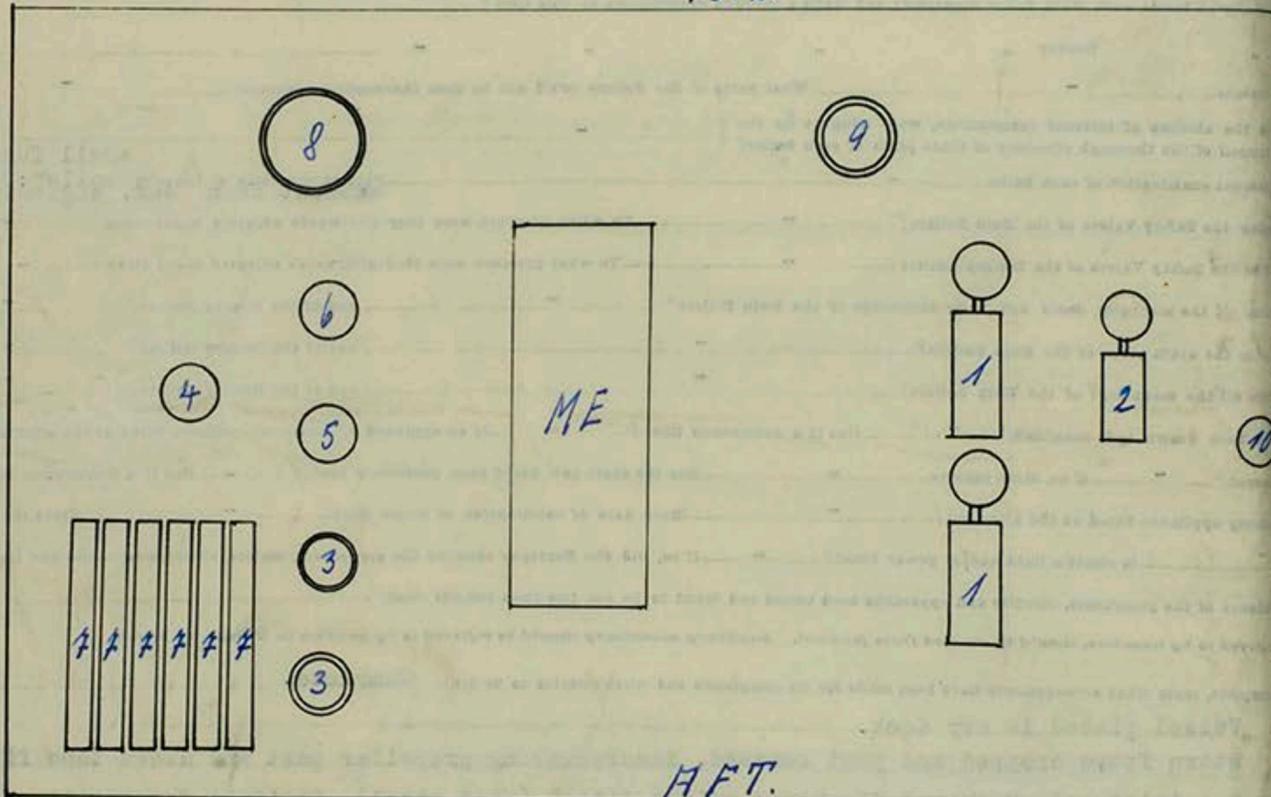
Fire Extinguishing. Washdeck service line and foam, portable fire extinguishers have been installed.

Domestic Boiler A heating boiler (oil fired), having working pressure of 3 ATS, factorily fitted on board. The auxiliary propelling machinery and its auxiliary equipment, and windlass and electrical installation tried under working conditions and found satisfactory.

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



REPORT

Port 12th March 52

held at Kiel
Screw vessel
Hamburg

COPY FOR

oyd's Register



the Boilers and

gross of Lübeck

the 23rd October

it will have trans

Shipping,

operations made

carried out to

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