

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

10 APR 1935

(Received at London Office)

of writing Report 8-4-1935 When handed in at Local Office 8-4-1935 Port of Copenhagen

Survey held at Odense Date, First Survey 25-1- Last Survey 15-3-1935
(No. of visits 6)

on the Machinery of the ~~Wood, Iron or Steel~~ Sc. "PERNA" (Odense newbuilding no. 54)

Gross 7984 Vessel built at Odense By whom Odense Staal v. b. v. f. When 1935
Net 4748 Engines made at Amsterdam By whom N.V. Werkspoor When 1934
Horse Power 502 Boilers, when made (Main) (Donkey) 1934

Main Boilers Owners N.V. Petroleum Maatschappij Owners' Address La Corona
(if not already recorded in Appendix to Register Book.)
Donkey Boilers Managers ✓ Port Hague Voyage ✓
Pressure Boilers If Surveyed Afloat or in Dry Dock afloat (Odense) Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).

Donkey Boilers 180 lb.

Report No. _____ Port _____

Particulars of Examination and Repairs (if any)

Special Surveys, when held, must be reported in detail and serialim 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 being detailed in the body of the report, should be briefly summarised at the end of the report. State also the date and initials of any letters respecting this case.

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

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

CHARACTER.	Years assigned as special surveys.	Machinery and Boiler Surveys (including date of N.B., if any).
100 A1.		
Contemplated.		
Carrying Petroleum in Bulk.		

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

Do Donkey Boilers

Has not done, state for what reasons?

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

What 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?

What is the latest date of internal examination of each boiler?

Did Surveyor examine the Safety Valves of the Main Boiler? To what pressure were they afterwards adjusted under steam?

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

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

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

Did Surveyor examine all the mountings of the Main Boilers? and of the Donkey Boiler?

Has screw shaft now been drawn and examined? Is it fitted with continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

Has shaft now fitted been previously used? If so, state reasons _____

Has shaft now fitted been previously used? Has it a continuous liner? Is an approved appliance fitted at the after end of the shaft to permit of it being efficiently lubricated?

State the distance between lignum vitae or bearing metal of stern bush and top of after bearing of screw shaft _____

Are engine parts, when referred to by numbers, should be counted from forward? Is electric light and/or power fitted? Yes.

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

Damage

Damage stated to have been sustained thro' fire aboard on the 24th Jan. 1935.

Where done:-

Electric installation:- Cables, switches, fuse boxes, fittings etc. in way of midships accommodation renewed.

Panels with instruments, boxes etc. in way of midships accommodation taken down, overhauled and renewed as necessary and tested after repairs.

Heating arrangement:- Radiators with fittings in way of midship accommodation taken down, renewed or repacked and tested as necessary.

Pipes with fittings etc. overhauled and partly renewed and tested.

Copy of damage report has been forwarded.

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, B.S. 9,11, B.&M.S. 9,11, L.M.C. 9,11, or L.M.C. 140 lb., F.D., &c.)

CS 3,34.

Fee (per Section 29).....	£	:	:	Fees applied for	
Damage or Repair Fee (if any).....	£	:	:		19
Printing expenses (if chargeable).....	£	:	:		19

Received by me, S. Sanderson

Engineer-Surveyor to Lloyd's Register of Shipping.

Committee's Minute _____

Signed See Opn. 9570

Lloyd's Register Foundation
003659-003670-0138

Insert Character of Ship and Machinery precisely as in the Register Book.

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