Rpt. 9.

No. 114785.

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

(Received at London Office SEP 12 1940)

Date of writing Report ..... 19 .. When handed in at Local Office 28 AUG 1940 19 .. Port of LIVERPOOL

No. in Reg. Book 1278 Survey held at Liverpool Date, First Survey ..... Last Survey 24 8 1940 (No. of Visits .....)

on the Machinery of the ~~Wood, Iron or~~ Steel TRP. Sc. "PENNLAND"

Tonnage { Gross 16381 / Net 9795

Nominal Horse Power ✓

No. of Main Boilers 60E

No. of Donkey Boilers ✓

Steam Pressure— in Main Boilers ✓

in Donkey Boilers ✓

Vessel built at Belfast By whom Harland & Wolff Ld When 1922 (Year. Month.)

Engines made at — do — By whom — do — When — do —

Boilers, when made (Main) 1922 (Donkey) ✓

Owners Nederl-Amerik Stoom Mij Owners' Address ✓ (if not already recorded in Appendix to Register Book.)

Managers Holland Amerika Lijn Port Rotterdam Voyage ✓

If Surveyed Afloat ~~or in Dry Dock~~ (State name of Dock.) Yes Birkenhead

Last Report No. ..... Port .....

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 now expired.	Machinery and Boiler Surveys (including date of N.B., if any).

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

Particulars of Examination and Repairs (if any) General Examination

Periodical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the cause of Repairs, if any, and, in detail, 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 summarised at the end of the report. State also the dates and initials of any letters respecting this case.

In damage 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 .....

Was a damage 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? .....

" " Donkey " " "

If this was not done, state for what reasons? .....

And what parts of the Boilers could not be thus thoroughly examined? .....

Also 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? .....

State latest date of internal examination of each boiler ..... Present condition of funnel(s) .....

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

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

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

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 been changed? ..... If so, state reasons .....

Has the 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 date of examination of Screw Shaft ..... State the distance between lignum vitæ or bearing metal of stern bush and top of after bearing of screw shaft vessel afloat

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

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

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

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

Now done:- (at the Request of the Netherland Shipping & Trading Committee Ld)
The main engines & auxiliaries examined generally as far as practicable, without dismantling & found satisfactory
Ballast & Feed pumps tried under working conditions & found satisfactory
Six - 3 furnace double ended boilers examined externally as far as practicable (port & centre after boilers under steam) & found satisfactory
The Oil fuel installation & port & centre turbo generators examined under working conditions & found satisfactory
It was stated on board that the machinery & tail shaft surveys had been held in February - March 1940 at Wilhelm Dry Dock, Schiedam, Holland.

General Observations, Opinion, and Recommendation: The Machinery of this vessel

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 ✠LMC 140 lb. F.D., &c.) CS 2,24,

as far as now seen is in efficient condition & eligible in my opinion to have Record of "Examined L.R. 8.40."

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

Survey Fee (per Section 29) See Stm Rpt. £ : :

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

Travelling expenses (if chargeable) £ : :

Fees applied for ..... 19 ..

Received by me, ... 19 ..

W. H. Doggett

Engineer Surveyor to Lloyd's Register of Shipping.

LIVERPOOL 10 SEP 1940

Committee's Minute

Assigned See Minute on Stm Report.

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WIII-0096

Noted

23/9/40

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