

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

(Received at London Office 13 JAN 1948)

of writing Report 31-12-47. When handed in at Local Office 8-1-48 Port of SWANSEA.
in Survey held at Swansea. Date First Survey 24-10-47. Last Survey 19-12-47.
Book. (No. of Visits 8.)

on the Machinery of the Wood, Iron or Steel Tanker "OILFIELD" ex "Hovenweep". Year. Month. 1944.
Gross 10662. Vessel built at Portland, Or. By whom Kaiser Co. Inc. When 1944.
Net 6323. Engines made at Lynn, Mass. By whom General Electric Co. When 1944.
Boilers, when made (Main) 1944. (Donkey)
Owners Northern Petroleum Tank S.S.Co. Owners' Address (if not already recorded in Appendix to Register Book.)
Managers Hunting & Son, Ltd. Port Newcastle. Voyage
Main Boilers 470 SPT If Surveyed Afloat or in Dry Dock Both, Palmers Dry Dock. Particulars of Classification (which must be inserted precisely as in Register Book & Supplements).
Donkey Boilers (State name of Dock.)

Report No. Port DOCKING: GENERAL EXAMINATION
Particulars of Examination and Repairs (if any) (CLASS CONTEMPLATED): BS : TS. Classification contemplated.
Special Surveys, when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, 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 listed at the end of the report. State also the dates and initials of any letters respecting this case.

Special 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.
Special damage report made by anyone else? If so, by whom?
Surveyor personally go inside each Main Boiler separately and make a thorough examination at this time? Yes.

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 both 4-11-47. Present condition of funnel(s) Good.

Surveyor examine the Safety Valves of the Main Boilers? Yes. To what pressure were they afterwards adjusted under steam? 490lbs. 470lbs. Spt.
Surveyor examine the Safety Valves of the Donkey Boilers? To what pressure were they afterwards adjusted under steam?

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

Surveyor examine all the mountings of the Main Boilers? Yes. and of the Donkey Boilers?
Screw shaft now been drawn and examined? Yes. Has it a continuous liner? Yes. Is an approved oil retaining appliance fitted at the after end?
Screw shaft now been changed? No. If so, state reasons. Has the shaft now fitted been previously used? Has it a continuous liner?

Approved oil retaining appliance fitted at the after end? State date of examination of Screw Shaft 30-10-47. State the wear down in the bush close fit. Yes. Is electric light and/or power fitted? Yes. If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes.

Insulation 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.

Survey is not complete, state what arrangements have been made for its completion and what remains to be done. To complete Classification survey all requirements remain to be carried out in accordance with Circular 1871 except examination of boilers and screw shaft.

Owners Representative's attention has been drawn to the following omissions of Rule Requirements:-
The blow off valve on ship's side is not fitted with brass ring on outside of plating.
The oil fuel transfer pumps and oil fuel pressure pumps are not controlled from positions accessible in case of fire.

Other special items as per Circular 1871 and addendum are in general conformity with Rule requirements except blow off valve on ship's side which is connected to fabricated steel elbow piece with inside and outside flange to ship side electric welded. It is submitted that this fitting may be considered equivalent to Rule Requirement.

It is stated that the above requirements and M.S. will be carried out at due date of M.S. in 1948.
Work Done Classification. Vessel placed in dry dock, propeller, stern bush, sea connections and air fastenings examined, stern bush rewooded. P.T.O.

General Observations, Opinion, and Recommendation: The machinery of this vessel as now seen, is in good condition and eligible in my opinion to have notation Examined 12,47 for a period of 12 months with records of B.S. 12,47 and Screwshaft seen 10,47. (Continuous liner)

Fees applied for B.S. £ 11: - : - T.S. £ 3: - : - Received by me, £ - : - : -
FRI. 12 MAR 1948

Committee's Minute LICENCE CASE. As now subject BS 12 47 S 10.47 CL



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

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

Screw shaft drawn in and examined and scantlings checked as follows:-

Propeller diameter 19' 6" pitch 17' 6" No. of blades 4, material bronze, not movable, total developed surface 138.3 square feet.

Screw shaft diameter 18 3/8" coupling flange 4" thick, diameter of bolts 4" fitted with bronze continuous liner watertight in the propeller boss, thickness in way of and between bushes 1 1/8" length of stern bush 87".

B.S. Main W.T. boilers examined internally and externally together with their principle mountings and superheaters and safety valves at drum and superheaters adjusted to the 490 and 470 lbs. per Square inch respectively.

Scantlings of boilers taken. Rpt. 5c herewith.

Oil fuel installation generally examined and tested under working conditions.

The fire extinguishing arrangement and apparatus (CO2 piped to machinery compartments) generally examined and ascertained to be in charged condition.

General Examination Pending Classification.

It is stated that the machinery is satisfactory in service. American Bureau survey requirements have been carried out to date.

Main and auxiliary machinery now examined externally and under working conditions, and overspeed trips tested with satisfactory results.

Main circulating pump opened up and examined, impeller shaft skimmed up, bearings remounted, sealing rings renewed.

Forward rotary feed pump opened up and examined, minor repairs effected.

Main condenser examined (tested).

Electrical installation generally examined and megger tested throughout, circuit breakers and manoeuvring controls operated and the whole of the installation examined under working conditions.

Main generator and motor collector rings trued up and brush gear overhauled.

To complete classification survey all requirements remain to be carried out in accordance with Circular 1871 except examination of boiler and screw shaft. ... The machinery of this vessel is in good condition and suitable for service in accordance with the above requirements and R.S. will be carried out at the date of the next survey. ...

Handwritten signature or initials at the bottom left of the page.

