

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

(Received at London Office... 13 JUL 1942)

Date of writing Report 28/4/42. When issued in at Local Office Port of AUCKLAND, N.Z.

No. in Reg. Book Survey held at Western Wharf, Auckland. Date First Survey 23/3/42. Last Survey 27/4/42.

2873 on the Machinery of the ~~Steel~~ S.S. "SINGKEP". (No. of Trials 25.)

Tonnage Gross 6607. Net 4070. Vessel built at Amsterdam. By whom Nederl. Schps. Maats. When 1922.

Nominal Horse Power --- Engines made at Amsterdam. By whom Ned. Fb. v. Wrk & Spoor. When 1922.

No. of Main Boilers 4. Boilers, when made (Main) 1922. (Donkey) --- Owners N.V. Stoom. Maats. Nederland.

No. of Donkey Boilers --- Managers " " " " Owners' Address (if not already recorded in Appendix to Register Book.) Port BATAVIA. Voyage U.K. via U.S.A.

Steam Pressure in Main Boilers 213 Lb. If Surveyed Afloat or in Dry Dock AFLOAT. (State name of Dock.)

Last Report No. --- Port --- **-DAMAGE REPAIRS-** Particulars of Classification (which must be inserted precisely as in Register Book & Supplements.)

Periodical Surveys, when held, must be reported in detail and verified 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. **- Damage Report Issued.**

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? ---

Did the Surveyor personally go inside each Donkey Boiler separately and make a thorough examination at this time? ---

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 these parts of each Boiler? ---

State latest date of internal examination of each boiler --- Present condition of funnel Good; sighted.

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 the 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 betweenignum vitae or bearing metal of stern bush and top of after bearing of screw shaft ---

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

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 for DAMAGE REPAIRS :-**

**TURBINES & LUBRICATING APPLIANCES DEALT WITH and all put in good condition; Machinery tested under working conditions after repairs. Vessel arrived at Auckland 22/3/42. in tow by the S.T. "WILLIAM G. DALDY"**

**after a complete breakdown of the N.Z. Coast due to failure of the Lubricating Pump driving clutch, all now made good. For further details see Log Book & Protest.**

**REPAIRS:- All damaged blading in the H.P. & L.P. Rotors & Stators removed & rotors balanced. Blading found variously broken & carried away. 4 rows H.P. reaction blading. 2 rows impulse astern L.P. blading cut out in Rotors. 5 rows H.P. & 1 row L.P. blading cut out of Stators. H.P. & L.P. Thrust Bearings & Main Bearings renewed & spares supplied. 1 H.P. Astern Nozzle renewed; found broken. Labyrinth Glands, Water Seal Rings & Oil rings renewed; found broken. Lubricating Pump coupling renewed; found worn & broken. some minor damage repairs effected; Machinery tested and a Harbour Trial carried out with satisfactory results.**

**General Observations, Opinion, and Recommendation:- This vessels Machinery is now in good working order & condition for the voyage to U.S.A. for permanent repairs to the Turbine Machinery, and in my opinion eligible to remain as classed without fresh Record of Survey.**

**Certificate Sighted:**

**Certificate & Damage Rpt. Issued.**

Survey Fee (per Section 29) £ 5 : 5 : 0. Fees applied for

Dge. Rpt. 10 : 10 : 0. 19

Special Damage or Repair Fee (if any) (per Section 29.) £ 28 : 7 : 0. Received by me, 19

Travelling expenses (if chargeable) Sunday & Late Fees etc. £ 12 : 12 : 0.

Committee's Minute Assigned Noted to action

CHARACTER for Special Survey Date of last Survey and of Periodical Surveys

Machinery and Boiler Surveys (Including date of N.B. if any)

**ORIGINALLY**

**CLASSIFIED**

**BUREAU VERITAS & NOW**

**CLASSIFIED IN LLOYD'S REGISTER.**

**100 A1 (Classific. Contemp)**

**see Certificate Issued at Sydney, N.S.W.**

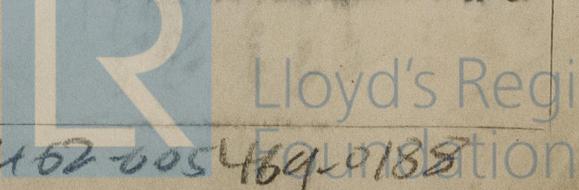
**Ed. 6.41**

**1.42**

**BS-6-4**

**CL**

*Richard ...*  
Engineer Surveyor to Lloyd's Register of Shipping.



005462-005469-0185

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

