

No. 11633.

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

(Received at London Office)

7th Sept., 53. When handed in at Local Office 7th Sept., 53. Port of HONG KONG

Survey held at HONG KONG Date. First Survey 23rd July Last Survey 19th Aug., 1953.

 on the Machinery of the ~~Wood, Iron or Steel~~ M.S. "KELLETTIA" (No. of Visits 18)

Gross 7576 Vessel built at Wallsend By whom Swan, Hunter & Wigham Year. Month. 1929 2  
 Net 4538 Engines made at Newcastle By whom R. & W. Hawthorn When 1929  
 720 MN Boilers, when made (Main) (Donkey) 1929  
 Owners Anglo-Saxon Petroleum Co., Ltd. Owners' Address -  
 Managers - (if not already recorded in Appendix to Register Book.)  
 Port London Voyage -  
 If Surveyed Afloat or in Dry Dock Both  
 (State name of Dock.) Taikoo Dock

Particulars of Classification (which must be inserted precisely as in Register Book &amp; 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)
+100A1 10,52		+LMC CS 11,51
ssShl.-11,51(Dr.)		+NE 7,47
		DBS 10,52
		TS CL 10,52
Carrying Petroleum		in bulk.
		OIL ENGINES

No. Port of Examination and Repairs (if any) C.S., D.B.S. &amp; Repairs.

when held, must be reported in detail and serially in the terms of the Rules. State clearly the cause of Repairs, if any, nature and extent of Examinations and subsequent Repairs. Repairs on account of Damage (the cause of which must be separated from Repairs due to other causes; and besides being detailed in the body of the report, should be briefly and of the report. State also the dates and initials of any letters respecting this case.

Where the Surveyor has not made a special damage report he is required to state whether he offered his purpose, and why they were declined.

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

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

" Donkey " " " Yes

What reasons? What parts of the Boilers could not be thus thoroughly examined? Examined complete

 In the absence of internal examination, were adopted by the } Examined complete  
 the himself of the thorough efficiency of those parts of each Boiler? }

Internal examination of each boiler (p.s.) 4-8-53 (s.s.) 4-8-53 Present condition of funnel(s) Good

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

Examine the Safety Valves of the Donkey Boilers? Yes To what pressure were they afterwards adjusted under steam? 120 Lbs. Sq. In.

Examine all the manholes, doors and their fastenings of the Main Boilers? and of the Donkey Boilers? Yes

Examine the drain plugs of the Main Boilers? and of the Donkey Boilers?

Examine all the mountings of the Main Boilers? and of the Donkey Boilers? Yes

How been drawn and examined? No Has it a continuous liner? Is an approved oil retaining appliance fitted at the after end? No

Changed? No If so, state reasons Has the shaft now fitted been previously used? Has it a continuous liner?

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

7/64 Is electric light and/or power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? No

Distance of the generators, circuits and apparatus been tested and found to be not less than 100,000 ohms? No

Complete, state what arrangements have been made for its completion and what remains to be done. C.S. case.

Vessel placed in dry dock. Propeller, after end of stern bush &amp; all outside underwater examined &amp; in good order. Underwater fittings opened, examined &amp; closed in good order repairs.

Engine:

Opened up, examined &amp; closed in good order after minor repairs &amp; necessary timing adjustments.

Nos.1 &amp; 5 cylinder covers, liners, pistons &amp; rods, valves &amp; valve gear, crankpin crosshead journals &amp; bearings &amp; connecting rods.

Nos.6 &amp; 8 crankpin journals &amp; bearings.

Nos.2 &amp; 4 main bearings &amp; journals.

Main timing camshaft driving wheel forward bracket reported fractured prior to ( P. T. O. )

Conclusions, Opinion, and Recommendation:—

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 in the records of the vessel's machinery, boilers, working pressures, &amp;c.; thus, for example, BS 9,11, B&amp;MS 9,11 \*LMC 9,11 or \*LMC 140 lb., FD, &amp;c.)

The Machinery of this vessel, so far as now seen, is in good condition &amp; eligible, in to remain as classed with fresh record of D.B.S. 8,53 now &amp; +LMC(CS) with date when the continuous Survey cycle has been completed.

D.B.S. \$320.00: Fees applied for 19/8/1953  
 C.S. \$200.00: Received by me, 19  
 Pair Fee (if any) £ 7: :  
 Chargeable) \$ 21.00:

MONDAY 12 OCT 1953

DBS 8,53

 A. G. Sinclair  
 Engineer Surveyor to Lloyd's Register of Shipping.

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004440-004449-0063

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

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



Repairs:

Continued .....

this survey by the breaking of timing wheel securing bolt & subsequent fouling of wheels. Timing wheel teeth examined, dressed & remain efficient. New forward bracket cast & fitted together with bushes etc. All wheel securing bolts renewed & holes reamed to suit.

Repairs examined later under running conditions & found satisfactory.

Auxiliary Machinery:

Opened up, examined & closed in good order after minor repairs, repairs and necessary running adjustments.

Steam driven air compressor & engine complete (coolers tested).

Stand by P.C.W. pump.

Independent bilge pump.

Combined (Tandem) air & S.W. circulating pump.

Donkey Boilers:

Port & starboard Donkey Boilers opened, cleaned & examined internally & externally in their entirety including chocks & ties, manholes & fastenings & mountings. General condition found good the following minor repairs only being effected at this time.

(p.s.) Lower door aperture built up & door refitted.

Local minor wastage in way of 5 c.c. stays built up, by E.W. re-tapped and new stays fitted.

(s.s.) Local minor wastage in way of 6 c.c. stays built up by E.W. re-tapped and new stays fitted.

Boiler later examined under steam, found satisfactory & safety valve adjusted to pressure stated.

Oil fuel installation, unit remote control, extended spindles, steam smothering, fire extinguishing arrangements etc. examined, tested and efficient.

Interim Certificate "B1(CS)" issued - Copy attached.

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