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No. 1730

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

(Received at London Office 17 JUN 1948)

Date of writing Report 6/6/48 19 When handed in at Local Office 19 Port of ALGIERS (N.A.)

No. in g. Book. Survey held at ALGIERS (Quai Biaritz). Date. First Survey 5/6/48 Last Survey 6/6/48 19 (No. of Visits 13 hours)

Part 50377 on the Machinery of the ~~Wood, Iron or~~ Steel Motor Vessel "OAKMORE" (ex Empire Kent-47, ex Levante-45)

Tonnage { Gross ~~4700~~ 4769 Net 2662 ~~2735~~ — Vessel built at ~~XXXX~~ Emden By whom ~~XXXXXXXXXXXXXXXXXX~~ Nordseewerke Emden G.m.b.H. When (Year. Month.) 1939

Nominal Horse Power — Engines made at Kiel By whom ~~Fr. Krupp Germaniawft. A.G.~~ When 1939

No. of Main Boilers — Boilers, when made (Main) = (Donkey) =

No. of Donkey Boilers — Owners Johnston Warren Lines, Ld. Owners' Address (if not already recorded in Appendix to Register Book.)

Steam Pressure— in Main Boilers — Managers Furness Withy & Co. Ld. Port ~~LIVERPOOL~~ Voyage United Kingdom

in Donkey Boilers — If Surveyed Afloat or in Dry Dock Afloat (State name of Dock.)

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)
Examined LR2,47		CL
8,47		12,45
~~Docking date 8,47~~		
(classification contemplated)		

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

Particulars of Examination and Repairs (if any) FRACTURED MAIN ENGINE PISTON.

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 not, state for what reasons = What 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? =

The latest date of internal examination of each boiler = Present condition of funnel(s) =

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

Did the Surveyor examine the Safety Valves of the Donkey Boilers? = 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? = Has it a continuous liner? = Is an approved oil retaining appliance fitted at the after end? =

Has shaft now been changed? = If so, state reasons = Has the shaft now fitted been previously used? = Has it a continuous liner? =

Has approved oil retaining appliance fitted at the after end? = State date of examination of Screw Shaft = State the wear down in the brown bush = 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? =

Engine parts, when referred to by numbers, should be counted from forward.

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

This vessel was visited at the request of CORY BROTHERS & CO.LTD,LLOYD'S AGENTS,ALGIERS and AGENCE MARITIME GERO SCANDINAVE,ALGIERS,Owners' Agents, on account of Fractured Main Engine Piston.

NOW FOUND:-	RECOMMENDED & DONE:-
MAIN ENGINE. NO.5.CYLINDER. (2 S.C.SA.Archaouloff solid section):- Piston head fractured circumferentially through the top piston groove and separated from the remainder of the piston. One Piston ring broken. Bottom edge of aft scavenging port slightly marked. Cylinder liner,Cover & Valves in good condition.	Cylinder opened up. Defective Piston and broken parts removed. Liner carefully examined and lubricating points checked. Spare working Piston fitted and 2 piston rings renewed.Piston rod attachment,Cover and Valves examined and refitted. Piston cooling system checked. Exhaust manifauld cleaned. Removals and replacements of pipe lines,connections,covers and fittings.

After completion of the foregoing Permanent repairs,Main Engines tried under working conditions,during dock trial, with satisfactory results. Copy of Rpt.10, issued 6/6/48,attached.

Survey confined to the above.

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, BS 9,11, B&MS 9,11 ✠LMC 9,11 or ✠LMC 140 lb., FD, &c.) CS 2,34,

This vessel's Machinery,so far as now seen,is in efficient condition. Vessel certified Seaworthy and considered fit to proceed on her contemplated voyages.

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

Survey Fee (per Section 29) £ : : Fees applied for 19

Special Damage or Repair Fee (if any) (per Section 29.) £ Fcs.10;886.- Received by me, 19

Travelling expenses (if chargeable) £ Fcs. :680.-

(To be collected in Algiers).

Committee's Minute WED. 20 OCT 1948

Signed See Lon. 117/22

R. J. VAN DAM.

Engineer Surveyor to Lloyd's Register of Shipping.

OIL ENGINES CONTINUOUS SURVEY.

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