

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

(Received at London Office)

2 MAY 1950

Date of writing Report

When handed in at Local Office

26 APR 1950

Port of HULL.

No in
Reg. Book. Survey held at

HULL.

Date. First Survey 6.2.50 Last Survey 30.3.1950

(No. of Visits 10)

15361 on the Machinery of the ~~Wood, Iron or Steel~~ S.Sc. Steam Trawler "KINGSTON AGATE".

Tonnage { Gross 464 Vessel built at Beverley By whom Cook, Welton & Gemmell, Ltd. When 1937 12
 Net 168 Engines made at Hull By whom C.D. Holmes & Co., Ltd. When -do-
 Nominal { 155MN Boilers, when made (Main) 1937 (Donkey) -
 Horse Power { 1SB Owners Kingston Steam Trawling Co., Ltd. Owners' Address -
 No. of Main Boilers spt. Managers - Port Hull Voyage Fishing
 No. of Donkey Boilers -
 Steam Pressure - If Surveyed Afloat & on slipway St. Andrew's Dock.
 in Main Boilers 225lb (State name of Dock.)
 in Donkey Boilers -

Last Report No.

Port

Particulars of Examination and Repairs (if any) +LMC & O.F. Conversion.

(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 through examination at this time? Yes

" " 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?

State latest date of internal examination of each boiler 20.2.50

Present condition of funnel (a) efficient

Did the Surveyor examine the Safety Valves of the Main Boilers? Yes To what pressure were they afterwards adjusted under steam? 225 lb/sq.in.

Did the Surveyor examine the Safety Valves of the Donkey Boilers? - To what pressure were they afterwards adjusted under steam? spt. 230 lb/sq.in.

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

Has the screw shaft now been drawn and examined? No 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? -

Is an approved oil retaining appliance fitted at the after end? - State date of examination of Screw Shaft - State the wear down in the

stern bush 3/32" Is electric light and power fitted? Yes If so, did the Surveyor examine the generators, motors, switchgear, cables and fuses? Yes

Has the 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.

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

NOW DONE:- Vessel placed on slipway. Propeller, end of sternbush, sea valve and fastenings examined.

Examined:- Main engine cylinders, covers, pistons, valves and valve gear, connecting rods, top and bottom end pins and bearings, crankshaft, thrust and intermediate shafts, condenser (tested), attached main engine air, feed and bilge pumps and valves, auxiliary pumps, pumping arrangements, dynamo and electrical equipment (megger tested). Main steam pipes tested.

Boiler examined internally and externally together with mountings and superheaters, all found or placed in good condition. Safety valves adjusted under steam as stated above.

(cert. attached)
 Now Done for O.F. Conversion:- Wallsend Howden O.F. unit F.1639, Weir's transfer pump 235928, Weir's Victor Minor Separator 639 fitted in stokehold, O.F. transfer filling, heating, fire extinguishing (steam) valves and fittings fitted and tested to rule requirements including separate controls outside machinery spaces as per plan submitted 21/4/50.

P.T.O.

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 3.34

The machinery of this vessel is eligible in my opinion to remain as classed with fresh record of +LMC 3,50 and Notation "Fitted for oil fuel 3,50 F.P. above 150°F".

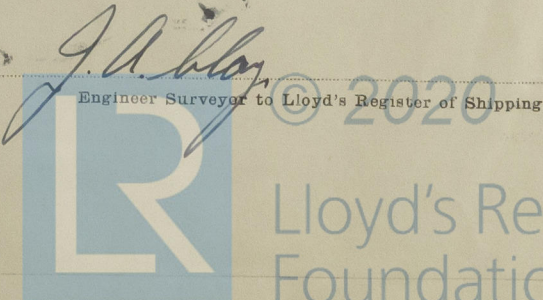
Survey Fee (per Section 29) LMC £14 - - Fees applied for
 Elec. 2 - - 26 APR 1950
 Special Damage or Repair Fee (if any) £33 - - Received by me,
 (per Section 29) F.O. Conversion 12 12 - -
 Travelling expenses (if chargeable) £ - -

Committee's Minute

Assigned

+ LMC 3,50

CERTIFICATE WRITTEN.



003467-003473-0126

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

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

O.F. and diesel oil tanks fitted with KDG clock type gauges.

The requirements of sections 18 & 19 of the rules carried out at far as applicable.

2 - 2 gallon "Foamite" extinguishers fitted in stokehold.

2 - 2 gallon & 1 - 10 gallon fitted in engine room.

Installation examined under working conditions and found satisfactory.

Repairs, Wear & Tear:-

Boiler - 3 new furnaces fitted (certificate attached hereto).