9. No. 137622.

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

(Received at London Office 24 JUN 1953)

te of writing Report ..... 19..... When handed in at Local Office 28 MAY 1953 19..... Port of LIVERPOOL

in Book. Survey held at ELLESMERE PORT Date. First Survey 17 April Last Survey 21st May 19 53 (No. of Visits 2)

101 on the Machinery of the ~~Wood, Iron or~~ Steel M.V. 'CASTLEGATE'

ge { Gross 51 / Net 28 / 12

Main Boilers –

Donkey Boilers –

Pressure— Main Boilers –

onkey Boilers –

Vessel built at Northwich By whom W. J. Yarwood & Sons, Ltd. When Year 1928 Month 1

Engines made at Dagenham By whom Russell Newbery & Co. Ltd. When 1949

Boilers, when made (Main) – (Donkey) –

Owners Esso Petroleum Co. Ltd. Owners' Address (if not already recorded in Appendix to Register Book.)

Managers – Port Liverpool Voyage

If Surveyed Afloat or in Dry Dock Bolt, Canal and on Ellesmere Port Pontoon (State name of Dock.)

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)
✠Al Barge 3,52. ss Liv.-2,51.		✠LMC 5,52. ✠NE 49. TS.CL.3,52. Oil Eng.
For Canal & Inland service. Carrying Petroleum in portable tanks.		

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

culars of Examination and Repairs (if any) Ch'g a mch. for annual certif.

tical Surveys, when held, must be reported in detail and seriatim in the terms of the Rules. State clearly the f Repairs, if any, and, in detail, the nature and extent of Examinations and subsequent Repairs. Repairs on of Damage (the cause of which must be stated) should be separated from Repairs due to other causes; and besides tailed in the body of the report, should be briefly summarised at the end of the report. State also the dates and of any letters respecting this case ✓

ge cases where the Surveyor has not made a special damage report he is required to state whether he offered his rvices for this purpose, and why they were declined ✓

lamage report made by anyone else? If so, by whom? ✓

Surveyor personally go inside each Main Boiler separately and make a through examination at this time? ✓

" Donkey " " " ✓

tate for what reasons ✓ What parts of the Boilers could not be thus thoroughly examined?

pecial means, in the absence of internal examination, were adopted by the yor to assure himself of the thorough efficiency of those parts of each Boiler? ✓

test date of internal examination of each boiler ✓ Present condition of funnel(s)

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

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? ✓ 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? ✓, and of the Donkey Boilers?

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

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

proved oil retaining appliance fitted at the after end? ✓ State date of examination of Screw Shaft ✓ State the wear down in the bush 3/32" 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,

parts, when referred to by numbers, should be counted from forward. Auxiliary machinery should be referred to by position in Machinery Space.

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

ork done for M.S.C. annual certificate:
Vessel on pontoon, propeller & outside fastenings examined and found in order.

Examined, M.E. cylinders, covers, valves, pistons, con-rod bearings, crankshaft, also the auxiliary engine in its entirety.
The clutch and reverse gearing generally examined without opening out.
Machinery examined under working conditions: found in order.
The electrical installation examined megger tested & found satisfactory.
ure Aux. engine main bearings renewed. Deck electrical cables renewed.

al Observations, Opinion, and Recommendation:— P.T.O.

(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 so 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

Eligible in our opinion to remain as classed without fresh record of survey. Subject item, renew aux. engine cylinly 5,54.
Also eligible to have the annual certificate renewed for barges carrying petroleum spirit on the Manchester Ship Canal, in conjunction with report on barge.

N. Chambers, C.E.

Engineer Surveyor to Lloyd's Register of Shipping.

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

(per Section 23) M.S. £5 : – : –
Electrical £2 – –
mage or Repair Fee (if any) (per Section 23.) £ : :
expenses (if chargeable) £1 : 13 : 8

Fees applied for, 16.6. 19 53
Received by me, 19

ee's Minute LIVERPOOL 23 JUN 1953

As now, subject

If Stockton, state Mechanical Test.

THE SURVEYORS ARE REQUESTED NOT TO WRITE ACROSS THIS MARGIN.

010734-010743-0083

S.R.6 Owners have not yet obtained new cylinders for the auxiliary engine. The engine continues efficient for a further 12 mos. period.

Noted

Subject as now remarked

Jan

30.6.53