

25 MAY 1961

144974

Rpt. 9

Date of writing report 13th May, 196.

Received London

Port Ipswich

No.

Survey held at River Blackwater

No. of visits two

First date 11.5.61

Last date 13.5.61

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 68868 <sup>xy</sup> Name M.V. "LAGANFIELD" Gross tons 2196 Date of build 12.1950

Owners Field Tank S.S. Co. Limited Managers Hunting & Sons Ltd., Port of Registry Newcastle

Engines made 1950 By Harland & Wolff Ltd., Belfast Type Oil Engine 4SA.6 cyl. B&W

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of ~~Aux~~ Donkey Boilers 2 W.P. 150lb/sq.in. #100 Al. Oil Tanker Machinery #LMC. CS. 10.59

Surveyed Afloat or in Dry Dock afloat S.S. 5.55 DBS. 9.59

Nature of Survey Commencement DBS. & Machy Trial D.S. 10.59 TS.CL. 9.59

Was Damage Report issued? no Int. Cert.? yes Sps. 9.59

Last Report (For Head Office only)

The condition of any of the following items is to be described as "good" only when the part has been examined, found or placed in good condition, and is considered to be acceptable until the due date of the next Periodical Examination. Where it is considered that re-examination or repairs should be effected before the due date of the next Periodical Examination a distinguishing mark thus † should be inserted against the item and the circumstances and action recommended described fully under "defects and repairs". At part or complete Special Surveys those items which are not applicable to the ship should be cancelled with a black line; this need not be done when the machinery is on a continuous survey basis. When any part has been subjected to pressure test this should be stated. Engine parts when referred to by numbers should be counted from forward.

DOCKING Propellers ..... Wear Down of Stern Bushes ..... Oil Glands ..... Sea Connections .....

Fastenings ..... Has Screwshaft Tubeshaft been drawn? ..... Date of Examination ..... Has Shaft been changed? .....

Has Shaft now fitted been previously used? ..... Has Shaft now examined/fitted a continuous liner? ..... Approved oil gland? .....

MAIN ENGINES (Recip. Steam or I.C.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods .....

2 Valves & Gears .....

3 Connecting Rods, Top Ends & Guides { Side ..... Centre .....

4 Crankpins & Bearings { Side ..... Centre .....

5 Journals & Bearings .....

MAIN ENGINE DRIVEN AIR COMPRESSORS

6 Cyls., Covers, Pistons & Rods .....

7 Connecting Rods & Top Ends .....

8 Crankpins & Bearings .....

9 Journals & Bearings .....

10 Coolers & Safety Devices .....

MAIN ENGINE DRIVEN SCAVENGE PUMPS

11 Cyls., Covers, Pistons & Rods .....

12 Connecting Rods & Top Ends .....

13 Crankpins & Bearings .....

14 Journals & Bearings .....

15 Levers .....

16 SCAVENGE BLOWERS .....

17 SUPERCHARGERS .....

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts .....

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES) .....

STEAM COMPRESSORS .....

CLUTCHES & HYDRAULIC COUPLINGS .....

REDUCTION GEARING .....

THRUST BLOCKS, SHAFTS & BEARINGS .....

INTERMEDIATE SHAFTS & BEARINGS .....

HOLDING DOWN BOLTS & CHOCKS .....

CONDENSERS (MAIN & AUX.) .....

STEAM RE-HEATERS .....

DE-SUPERHEATERS .....

STOP & MANOEUVRING VALVES .....

MAIN ENGINE DRIVEN PUMPS .....

CRANKCASE DOORS & EXPLOSION RELIEF DEVICES ..... Have Main Engines been tested working and manoeuvring? yes

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this ship is eligible in my

opinion to remain as now classed in the Register Book, with fresh record of DBS. 5.61.

when the Port Boiler has been examined and its safety valves adjusted, subject to

any outstanding conditions of class being dealt with as previously recommended; and to

the ship proceeding direct to the Tyne for dry docking and other outstanding surveys.

MONDAY 24 JUL 1961

Date of Committee

Decision See Nvc 117985

Noted for Header

Engineer Surveyor to Lloyd's Register of Shipping J. Porteous. Lloyd's Register Foundation

012370-012376-0214

If certificate is required state where to be sent

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

yes now



32 Essential Independent Pumps (Identify by position) .....

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls .....

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? .....

35 Fresh Water Coolers ..... 36 Lub. Oil Coolers ..... 37 Heaters (state service) .....

38 Independent Air Compressors, Coolers & Safety Devices .....

39 Air Receivers & Safety devices—Main ..... 40 Auxiliary .....

41 Oil Fuel Tanks (Not forming part of hull structure) .....

42 Evaporators ..... 43 Have Evaporator Safety Valves been tested under steam? .....

44 Steering Machinery ..... 45 Windlass ..... 46 Fire Extinguishing Arrangements .....

AUXILIARY ENGINES (Identify by position) .....

		ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT	
PROPULSION	PORT	STARBOARD			
a	Generators .....			l	Generators & Governors .....
b	Exciters .....			m	Motors .....
c	Air Coolers .....			n	Switchboards & Fittings .....
d	Motors .....			o	Circuit Breakers .....
e	Air Coolers .....			p	Cables .....
f	Control Gear, Cables, etc. ....			q	Insulation Resistance .....
g	Insulation Resistance .....			r	Steering Gear Generators and Motors .....
h	Insulating Oil Test .....			s	Navigation Light Indicators .....
i	Overspeed Governors .....				
j	Magnetic Couplings .....				
k	Air Gap .....				

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN ..... - ..... ~~AUXILIARY, DONKEY EXPRESS~~ starboard good  
(11.5.61)

Superheaters .....

Safety Valves ..... starboard - good

Mountings, Doors & Fastenings ..... starboard - good

Safety Valves Adjusted to { Sat ..... starboard - 150lb/sq.in.  
Spt .....

Boiler Securing Arrangements ..... - ..... Starboard-good

Main Economisers ..... - ..... Exhaust Gas Heated Economisers .....

Steam Heated Steam Generators ..... Steam Generator Safety Valves Adjusted to .....

Were Oil Burning System & Remote Controls examined working in accordance with Rules? ..... YES ..... Forced Circulating Pumps .....

Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? ..... - ..... Funnel good

EXAMINATION & TESTING OF STEAM PIPES (State material)

Main ..... Auxiliary (over 3 in. bore) .....

Were Copper Pipes annealed? ..... Have Saturated Pipes in cylindrical boiler smoke boxes been tested? .....

PARTICULARS OF DEFECTS & REPAIRS, ETC. (Damage repairs should be detailed separate from wear and tear repairs; state what action has been taken regarding items which are subjects of class)

This ship was visited afloat at her lay up berth in the River Blackwater at the request of the Owners Representative in order to carry out essential surveys prior to the ship sailing to the Tyne for dry docking and completion of D.B.S.

Now Done:- Starboard boiler examined throughout, and its safety valves adjusted under steam.

All main and auxiliary machinery together with pumping arrangements examined and tested under working conditions and found to operate satisfactorily.

The machinery of this ship as now seen is considered satisfactory for the proposed voyage to the Tyne for dry docking.

To complete the D.B.S. the Port Boiler remains to be examined throughout and its safety valves adjusted.

Interim certificate placed on board, copy attached.

Newcastle Surveyors advised.

LEAVE THIS SPACE BLANK

Survey fees Part DBS. £8.0.0  
Machinery Trial.....£10.10.0

Damage fee ...  
Expenses... £2.0.0

Date when A/c rendered. 17 MAY 1961

