

/NK

Rpt. 9

6 JAN 1960

Date of writing report 4.1.60.

Survey held at Blyth

WRECK  
SECTION

No

Received London

No. of visits 2

WRECK  
SECTION

No

Port NEWCASTLE-ON-TYNE

First date 31.12.59.

Last date 4.1.60.

No. 116721

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 32154 Name ~~XXX~~ "SYLVIA BEALE"

Gross tons 1061

Date of build 6-1938

Owners Stephenson Clarke Ltd.

Managers

Port of Registry London

Engines made 1938 By North Eastern Marine Eng. Co. Ltd.

Type T3 cy 14½", 24" & 41" x 30"

No. of Main Engines 1 No. of Screws 1

Records of Survey & Special Notations as per Register Book

No. of Main Boilers 1 W.P. 200 lb.spt.

No. of ~~XXX~~ Donkey Boilers 1 W.P. 100 lb./sq.in.

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey M.B.S.

Was Damage Report issued? No Int. Cert.? Yes

Last Report (For Head Office only)

115645

N.W.C

Hull	Machinery
*100A1	+ LMC
S.S. 11/55	Eng. 11/55
DS 10/58	Boiler M 10/58 & 10/58
	TS(CL) 10/57
	sps 11/55

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 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.....

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

20 STEAM COMPRESSORS.....

21 CLUTCHES & HYDRAULIC COUPLINGS.....

22 REDUCTION GEARING.....

23 THRUST BLOCKS, SHAFTS & BEARINGS.....

24 INTERMEDIATE SHAFTS & BEARINGS.....

25 HOLDING DOWN BOLTS & CHOCKS.....

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

27 STEAM RE-HEATERS.....

28 DE-SUPERHEATERS.....

29 STOP & MANOEUVRING VALVES.....

30 MAIN ENGINE DRIVEN PUMPS.....

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

## OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel so far as now seen is in safe working condition and eligible in my opinion to remain as classed with fresh record of M.B.S. 1/60 subject to the donkey boiler not being used until surveyed.

Date of Committee

TUESDAY 26 JAN 1960

Decision

MBS 1.60 subject



33 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	
PROPULSION		PORT	STARBOARD
a Generators			
b Exciters			
c Air Coolers			
d Motors			
e Air Coolers			
f Control Gear, Cables, etc.			
g Insulation Resistance			
h Insulating Oil Test			
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			
		AUXILIARY EQUIPMENT	
		l Generators & Governors	
		m Motors	
		n Switchboards & Fittings	
		o Circuit Breakers	
		p Cables	
		q Insulation Resistance	
		r Steering Gear Generators and Motors	
		s Navigation Light Indicators	

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)  
MAIN Good 31.12.59  
Superheaters Good  
Safety Valves Good  
Mountings, Doors & Fastenings Good  
Safety Valves Adjusted to Sat. 200 lb./sq.in. 4.1.60.  
Spt. 200 lb./sq.in. 4.1.60.  
Boiler Securing Arrangements Good  
Main Donkey Boiler  
Steam-Heated Steam  
Were Oil Burning System & Remote Controls examined working in accordance with Rules? Coal burning  
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules? Yes 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)

Wear and Tear Repairs. Main Boiler. Port combustion chamber.  
Two landing edge fractures in tubeplate veed out and electrically welded.  
Minor repairs to boiler and mountings effected.  
S.R.L. Appendix Item "Shell plate of boiler cracked radially from bore of valve in way of auxiliary stop valve". Shell in way of cracks examined and found to remain efficient.  
Note:- Donkey boiler survey not held. It was stated by the Owner's representative that as the vessel is to be scrapped in April, 1960 it was not intended to survey the donkey boiler.  
Boiler uptakes corroded.  
The waste steam pipe, which is common with that from the main boiler has been blanked off and safety valve spindles and lids removed.  
It is submitted that an entry "Donkey boiler not to be used until surveyed" be made in the "Special Reasons List".

LEAVE THIS SPACE BLANK

Survey fees M.B.S. £10. 0. 0.

Damage fee

Expenses...

Date when A/c rendered

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