

Rpt. 9

Date of writing report 30. 11. 57.

Received London

51 DEC 1957

Port SUNDERLAND

No. 36943

Survey held at SUNDERLAND

No. of visits 10

First date 15.10.57.

Last date 18.11.57.

## REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 31766 S.S. "TRITONICA"  
Name M.V.  
Owners Dingwall Shipping Co. Ltd. Managers Mann & Son (London) Ltd.  
Engines made 1956 By North Eastern Marine Engineering Co. Ltd., Type Oil Engine 2SA.6Cy.570 x 2320mm.  
No. of Main Engines 1 No. of Screws 1  
No. of Main Boilers - W.P. -  
No. of Aux./Donkey Boilers 1 W.P. 100 lb/sq. in.  
Surveyed Afloat or in Dry Dock Both.  
Nature of Survey CS.  
Was Damage Report issued? No Int. Cert.? Yes  
Last Report (For Head Office only)

Gross tons 12714 Date of build 10, 1956.  
Port of Registry LONDON  
Doxford.

Records of Survey & Special Notations as per Register Book

Hull	Machinery
*100 Al.	*TMC.
DS.	12/56. ES.
	BS.
	TS (CL).
	N10/56.
	nd10/56.
	10/56.

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 Good Wear Down of Stern Bushes 1" Oil Glands - Sea Connections Good  
Fastenings Good Has Screwshaft/Tubeshaft been drawn? No 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  
Nos. 1, 2, 3, 4, 5 & 6. Good.  
1 Cyls., Covers, Pistons & Rods  
2 Valves & Gears Nos. 1, 2, 3, 4, 5, & 6. Good.  
3 Connecting Rods, Side  
Top Ends & Guides Centre No. 5. Good.  
4 Crankpins & Side  
Bearings Centre  
5 Journals & Bearings Nos. 2, 4, 5 & 6. Good.

STARBOARD

### 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

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 efficient condition and eligible in my opinion to remain as now classed with fresh record of CS (with date) when the survey has been completed.

Date of Committee

Decision

TUESDAY 28 JAN 1958

30m. 6.55. T. (MADE AND PRINTED IN ENGLAND.)

Engine Surveyor to Lloyd's Register of Shipping  
T. B. GRAY.

004861-004865-0196

Lloyd's Register  
Foundation



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

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators.....			i 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 or PRESS.....  
Superheaters.....  
Safety Valves.....  
Mountings, Doors & Fastenings.....  
Safety Valves Adjusted to Sat.....  
Spt.....  
Boiler Securing Arrangements.....  
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?..... Forced Circulating Pumps.....  
Have Saturated Steam Pipes in cylindrical boiler smoke boxes been examined as required by Rules?..... Funnel.....

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)

NOW DONE: -  
WEAR & TEAR REPAIRS: -No. 6 main bearing remetalled. Wear down and deflection readings checked & found in order.

LEAVE THIS SPACE BLANK

C.S. Advanced.  
It is submitted that this  
vessel is eligible to remain  
as CLASSED.

981.000  
15/1/58

Survey fees CS. £35. 0. 0.

Damage fee ...

Expenses... ..

Date when A/c rendered.....



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