

Rpt. 9

Date of writing report 13.2.57.

Survey held at Birkenhead

Received London

27 FEB 1957

No. of visits 4

Port Liverpool

First date 23.1.57.

Last date 7.2.57.

No. 146265

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 79824	S.S. Name M.V. "TANIAN"	Gross tons 293	Date of build 1914
Owners National Coal Board (North Western Div.)	Managers -	Port of Registry Liverpool	
Engines made 1914	By Shields Eng. Co. Ltd.	Type Recip. C. 20y.	
No. of Main Engines 1	No. of Screws 1	Records of Survey & Special Notations as per Register Book	
No. of Main Boilers 1SB	W.P. 130		
No. of Aux./Donkey Boilers	W.P.		
Surveyed Afloat or in Dry Dock Both			
Nature of Survey Docking, B.S. T.S.			
Was Damage Report issued No	Int. Cert.? Yes		
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 Good	Wear Down of Stern Bushes Close fit	Oil Glands -	Sea Connections Good
Fastenings Good	Has Screwshaft Tubeshaft been drawn? Yes	Date of Examination 23.1.57.	Has Shaft been changed? No	
Has Shaft now fitted been previously used? -	Has Shaft now examined/fitted a continuous liner? Yes	Approved oil gland? No		
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				
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				

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is eligible in my opinion to remain as now classed with fresh records TS.CL 1,57 and MBS. 2,57.

Date of Committee Decision LIVERPOOL 26 FEB 1957 MBS 2,57 T.S. 1,57

Noted for Header

Signature

Lloyd's Register Foundation

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A.T. Mithal

Engineer Surveyor to Lloyd's Register of Shipping

003541-003548-0273



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.....			1 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 25.1.57. Good AUXILIARY, DONKEY or PRESS.....  
.....  
Superheaters.....  
Safety Valves..... Good  
Mountings, Doors & Fastenings..... Good  
Safety Valves Adjusted to Sat. 130 lbs. per sq. in.  
Spz.....  
Boiler Securing Arrangements..... Good  
Main Economisers..... Exhaust Gas Heated Economisers.....  
Steam Heated Steam Generators..... Steam Generator Safety Valves Adjusted to.....  
Were Oil Burning System & Economiser continued working in accordance with Rules?..... 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)

BOILER REPAIRS. Boiler blow down valve renewed, minor repairs and renewals effected to the other mountings.

For identification the new G.M. blow down valve is marked Liv. 300 lbs. per sq. in. 31.1.57. ATM.

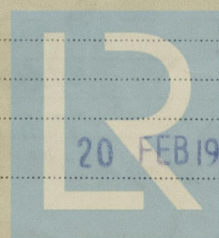
REPAIRS W. & T. Tailshaft liner skimmed up in lathe, neckbush renewed to suit and sterntube rewooded.

LEAVE THIS SPACE BLANK

Survey fees TS..CL 73 —  
BS 75 —  
Repairs 74-40

Damage fee .....  
Expenses... ..

Date when A/c rendered.....



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