

- 2 MAR 1959

Rpt. 9

Date of writing report 27/2/59.

Received London

Port Hull.

No. 64756.

Survey held at Hull.

No. of visits 7.

First date 9/2/59

Last date 25/2/59.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B.	80573	S.S.	"STELLA DORADO" (Trawler).	Gross tons	531	Date of build	1936
Owners	Derwent Trawlers, Ltd.	Managers	Charleson-Smith Tlrs. Ltd.	Port of Registry	Hull.		
Engines made	Mdb.	By	Smith's Dock Co. Ltd.	Type	Compound.		
No. of Main Engines	1	No. of Screws	1				
No. of Main Boilers	1	W.P.	225 lb.				
No. of Aux./Donkey Boilers	-	W.P.	-				
Surveyed Afloat or in Dry Dock	Afloat.						
Nature of Survey	M.B.S. and Repairs.						
Was Damage Report issued?	No.	Int. Cert.?	Yes.				
Last Report (For Head Office only)	64521	Hull					

Hull	Machinery
100A1 Steam Trawler 11,58	IMC A, 57
s.s. Hul 4,57	MBS 4,58
	TSCCL (N) 4,58
	SPS 4,57

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			
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 eligible in our opinion, to remain as classed and have fresh record of MBS 2,59.

Date of Committee

Decision

TUESDAY 17 MAR 1959

MBS 2,59

50m, 6,56. T. (MADE AND PRINTED IN ENGLAND.)

Noted
for
Header

A. Thompson & H. Sutcliffe
Engineer Surveyor to Lloyd's Register of Shipping

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Foundation

003513-003524-0058

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

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)
MAIN Centre 21/2/59, Good. AUXILIARY, DONKEY or PRESS
Superheaters Good.
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to { Sat. 225 lb/sq.inch.
Spt. 225 lb/sq.inch.
Boiler Securing Arrangements 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 XX
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)
Attended on board vessel at Owners request to examine Main Boiler back end plate on account of grooving in the radius of flange.
Boiler examined throughout and back end plate found fractured in way of grooving in radius of flange.

REPAIRS EFFECTED:- End plate cropped and part renewed using tested material.
Please see sketch.
5 stays in way renewed.

On completion of repairs the Boiler examined under hydraulic test of 235 lb/sq.inch and found sound and tight.

FORCES RECORDS
NOTE
LEAVE THIS SPACE BLANK

Survey fees ... MBS. 210.
Rprs. £12.12s.
Damage fee ...
Expenses ...

Date when A/c rendered - 2 MAR 1959