

Rpt. 9

Date of writing report 12/7/55.

Survey held at HULL.

Received London

16 JUL 1955

No. of visits Four.

Port

HULL.

First date 30/6/55

Last date 7/7/55.

No. 61375

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 78701 Name S.S. "STELLA ORION" (Trawler). Gross tons 575 Date of build 1943

Owners Derwent Trawlers, Ltd. Managers Charleson-Smith Tlrs.Ld. Port of Registry Hull.

Engines made Hull. By C.D. Holmes & Co.Ltd. Type Triple Expansion.

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 Both.

Nature of Survey Docking, TSCL & B.S.

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

Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
X100A1 Steam Trawler 6,54	LMC 6,52
s.s.Hul 6,52	BS 6,54
	TSCL 6,53
Fitted for oil fuel 9,49 F.P. above 150° F.	

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
Fastenings Good Has Screwshaft/Trees been drawn? Yes Date of Examination 1/7/55 Has Shaft been changed? No
Has Shaft now fitted been previously used? Has Shaft now examined, H.P.E. a continuous liner? Yes 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 my opinion to remain as classed with fresh record of B.S. 7,55 and TSCL 7,55 now.

Date of Committee

TUESDAY 16 AUG 1955

Decision

BS 7.55
S 7.55

30m, 5,54. T.

Engineer Surveyor to Lloyd's Register of Shipping

Lloyd's Register
Foundation

005679 005686-0091

If certificate is required state where to be sent.

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..... Good

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

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD	AUXILIARY EQUIPMENT	
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 Sole - good. 4/7/55.

~~AUXILIARY, DONKEY or PRESS~~

Superheaters Good
Safety Valves Good
Mountings, Doors & Fastenings Good
Safety Valves Adjusted to { Sat. 230 lb.
Spt. 235 lb.
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
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? Yes

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 & TEAR REPAIRS:- Sternbush rewooded.

5 stays in Port c.c. back renewed together
with minor repairs to safety valves and
mountings.

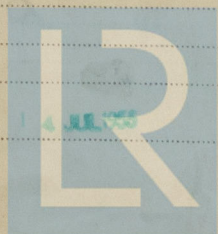
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Survey fees ... B.S. £5.
T.S.C.L. £2.

Damage fee ...

Expenses... ..

Date when A/c rendered.....



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