

Rpt. 9

Date of writing report 12/7/55.

Received London 16 JUL 1955

Port HULL.

No. 61375

Survey held at HULL.

No. of visits Four.

First date 30/6/55

Last date 7/7/55.

# 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 Records of Survey & Special Notations as per Register Book

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)

Hull	Machinery
X100A1 Steam Trawler 6,54	XLMC 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.

Yes Now.

Has a Survey also been held on Ship? If so, is the Report sent now, or when will it be sent?

DOCKING Propellers // Good Wear Down of Stern Bushes Close fit Oil Glands Sea Connections  
Fastenings Good Has Screwshaft/Tubes 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 ~~used~~ 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

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.

Engine 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	PORT	ELECTRICAL EQUIPMENT		AUXILIARY EQUIPMENT
		STARBOARD		
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.

LEAVE THIS SPACE BLANK

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

Damage fee ...

Expenses... ..

Date when A/c rendered.....



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