

Rpt. 9

25 NOV 1958

Date of writing report. 24-11-58
Survey held at Milford Docks.

Received London
No. of visits 2.

Port MILFORD HAVEN.
First date 20-11-58

No. 8418
Last date 21-11-58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 81115 Name ~~SS~~ Steam Trawler "SUTHERNESS". Gross tons 269 Date of build 1915-5
Owners E. E. Carter. Managers Port of Registry Milford
Engines made 1915 By Amos & Smith Ltd. Hull Type T 3Cy.
No. of Main Engines 1 No. of Screws 1
No. of Main Boilers 1 SB W.P. 200 lb
No. of Aux./Donkey Boilers - W.P. -
Surveyed Afloat or in Dry Dock Afloat.
Nature of Survey Part Boiler Survey.
Was Damage Report issued? No. Int. Cert.? Yes.
Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
1100A1	11MC 4/54
steam trawler	BS M 8/57
ssMil(Dr)	TSOL 7/57
Docking 4/54	sps 7/54
2/58	

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 on 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 as now seen is eligible in my opinion to remain as now classed with fresh record of MBS 11-58 when the survey has been completed. Subject to the defective C.O. back stays being renewed before the end of January, 1959.

Date of Committee TUESDAY 16 DEC 1958
Decision Deferred for ES and comp MBS.
(Subject)

Noted
for
Header

012358-012364-0022

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 40 Auxiliary
39 Air Receivers & Safety devices—Main
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			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 Good. 21-11-58 AUXILIARY, DONKEY or PRESS
Superheaters None.
Safety Valves Good.
Mountings, Doors & Fastenings Good.
Safety Valves Adjusted to { Sat. Not Adjusted.
Spt. -
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? - 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)

Note the 3 Combustion Chamber backplates were found to be heavily scaled, and approximately ten stays were found wasted.

The vessel was prepared for sea and it has now been agreed with the Owners to specially scale the C.O. back plates and renew all wasted stays before the end of January, 1959.

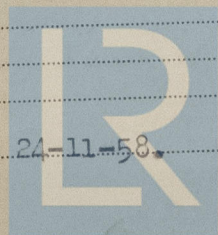
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Survey fees MBS £8-0-0

Damage fee

Expenses...

Date when A/c rendered 24-11-58



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