

Rpt. 9

Date of writing report 19th July, 1961.

Received London

Port CARDIFF

No. 61491

Survey held at NEWPORT, MON.

No. of visits 2

First date 3.7.61.

Last date 4.7.61.

# REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 10001 Name S.S. "ENDCLIFFE" Gross tons 367 Date of build 1 - 1911

Owners Sessions & Sons Ltd. Managers H. Sockette Port of Registry Cardiff

Engines made 1911 By J. Ritchie, Glasgow Type C 2Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 1 SB W.P. 130 lb.

No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Boiler Damage

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
100 A1	LMC
sand carrier Bristol Channel	ES 5-56
service limiting ports	M 8-60
seawards Lundy Island to	CL 10-60 SPS 5-56
Milford Haven DS 10-60	Mchy.aft.
(Dr) 2-48 (M) 8-60 10 mos.	NB made 35 fitted 12-48

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

1 Cyls., Covers, Pistons & Rods

2 Connecting Rods & Top Ends

Crankpins & Bearings

Journals & Bearings

Levers

## SCAVENGE BLOWERS

## SUPERCHARGERS

## MAIN TURBINES

casings, Rotors, Blading, Bearings & Thrusts

## EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

## STEAM COMPRESSORS

## CLUTCHES & HYDRAULIC COUPLINGS

## REDUCTION GEARING

## CRANK BLOCKS, SHAFTS & BEARINGS

## INTERMEDIATE SHAFTS & BEARINGS

## LOADING DOWN BOLTS & CHOCKS

## CONDENSERS (MAIN & AUX.)

## STEAM RE-HEATERS

## DE-SUPERHEATERS

## STOP & MANOEUVRING VALVES

## MAIN ENGINE DRIVEN PUMPS

## CRANKCASE DOORS & EXPLOSION RELIEF DEVICES

Have Main Engines been tested working and manoeuvring?

OPINION OF MACHINERY AND RECOMMENDATIONS The machinery of this vessel is eligible, in our opinion, to remain as now classed without fresh record of survey subject to the main boiler not being used until it has been specially examined and repaired as found necessary.

Date of Committee WEDNESDAY - 9 AUG 1961

Decision As now subject



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)

PROPULSION		ELECTRICAL EQUIPMENT	
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
AUXILIARY, DONKEY or PRESS
Superheaters
Safety Valves
Mountings, Doors & Fastenings
Safety Valves Adjusted to Sat. Spt.
Boiler Securing Arrangements
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

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)
The main boiler was examined at the request of the Owners' Representative. Both furnaces have collapsed (overheating caused by excessive deposits of scale and river mud) and repairs to enable the vessel to continue in service until the middle of November, 1961 were considered impracticable.
In these circumstances, the Owners have decided to lay the vessel up in Newport. They will advise us in due course of their decision as to the future of the vessel.
(Please see previous correspondence re Postponement of Special Survey).
Copy of Ltr. 3, addressed to Owners, attached hereto.

LEAVE THIS SPACE BLANK

Survey fees
Damage fee
Expenses
Date when A/c rendered



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