

Rpt. 9

Date of writing report 18/12/61
Survey held at Moji, Japan

Received London
No. of visits One

Port SHIMONOSEKI No. 1914
First date and Last date 1st Dec., 1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 09959 Name S.S. "EMPIRE MERCHANT"

Gross tons 5,647 Date of build 1-1925

Owners Stanley Shipping Co. Ltd.

Managers -

Port of Registry Hong Kong

Engines made Gls. By Barclay, Curle & Co. Ltd.

Type T 3Cy.

No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 SB W.P. 225 lb. Spt.

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

Surveyed Afloat or in Dry Dock Afloat

Nature of Survey Condition of Class

Was Damage Report issued? - Int. Cert.? Yes, (C-11767)

Last Report (For Head Office only) copy attached.

Records of Survey & Special Notations as per Register Book

Hull	Machinery
✠ 100A1	✠ LMC
SS Dr 7/53	ES 6/57
6/57	MBS 6/61
DS 6/61	TS CL 6/61
	SPS 6/57 (OF 6/57)

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..... Survey confined to Bilge Pump.

3 Connecting Rods, { Side.....
Top Ends & Guides { Centre.....

4 Crankpins & { Side.....
Bearings { Contre.....

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 ship, so far as now seen, is in efficient condition and eligible in my opinion, the survey Records in the Supplement to the Register Book be remained without fresh record of survey and that her Machinery Classification Record be continued in the Book, with no restriction to Bilge Pump water Bucket but subject to the aft stern bush being renewed by the end of June, 1962 as previously recommended.

Date of Committee. MONDAY 22 JAN 1962
Decision. Referred for comp. (b2 6/62) subject.

Lloyd's Register
Engineer Surveyor to Lloyd's Register of Shipping
Y. Hamada

32 Essential Independent Pumps (Identify by position) Bilge pump (water cylinder & piston&rod), please see below.

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 Receiver & 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	PORT	ELECTRICAL EQUIPMENT 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)

Condition of Class: (S.R.L. NO.182)

(1) Aft stern tube bush to be renewed by 6/62 (12 mos), not done at this time and to be remained in the List.

(2) Bilge pump, water bucket to be renewed by 12/61 (6 mos).

Proper water bucket with new rings have now been fitted.

The restriction might be deleted from the List.

LEAVE THIS SPACE BLANK

Survey fees 110 0 0

Damage fee

Expenses None

Date when A/c rendered DEC 22 1961 Hong Kong

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Foundation