

26 FEB 1959

Rpt. 9

Date of writing report 24.2.59. Received London. Port of Stockholm. No. 11903. Survey held at Stockholm. No. of visits 1. First date and Last date 18.2.59.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 80594 Name S.S. "STELLATUS" Gross tons 1827 Date of build 12 - 1936. Owners Rederi AB Brubor Managers R. Brunkman Port of Registry Helsingborg

Engines made 1936 By A/S Fredriksstad M/V. Fredriksstad Type C4Cy. No. of Main Engines 1 No. of Screws 1

No. of Main Boilers 2 W.P. 220 lb Spt No. of Aux./Donkey Boilers - W.P. -

Surveyed Afloat or in Dry Dock Afloat Nature of Survey Mchy. repairs & Cond. of Class.

Was Damage Report issued? - Int. Cert.? Yes Last Report (For Head Office only)

Table with 2 columns: Hull, Machinery. Hull: +100A1 with freeboard 7.58, ss Abg. 1.58. Machinery: +LMC 1.58, MBS 8.58, TS(CL)6.57, Sps 1.58.

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 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

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 now classed without fresh record of survey, subject to all conditions at present attached to the vessel's class being dealt with as previously recommended, but without condition regarding the ME No. 1 LP crank.

Date of Committee TUESDAY 10 MAR 1959 Decision As now without spl. cdr. [Signature]

OF SHIPPING

If certificate is required state where to be sent.

Write Shm (m)

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	PORT	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 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)

WEAR AND TEAR REPAIRS:-

At our visit onboard on Captains request for witnessing of a test under working conditions of one steam driven centrifugal condenser circulating pump, stated fitted onboard at this occasion, replacing the previous one which had been rejected due to wear and tear, we found the pump without classification stamps. Owners stated it had by an oversight been ordered without our test. It is similar to the previous pump of the EUREKA 10 1/2" type.

It was now examined under full working conditions onboard and was found working satisfactorily. In view of the satisfactory test result it is recommended the approval of this pump in this special case merits the favourable consideration of the Committee.

CONDITION OF CLASS:-

Main Engine No. 1 LP crank examined and found in order. It is recommended the condition regarding this item should be cancelled.

LEAVE THIS SPACE BLANK

JWA
Survey fees ... Kr. 50:--

Damage fee ...
Expenses... ... Kr. 3:--

Date when A/c rendered... 24.2.59.

