

Rpt. 9

Date of writing report 10.10.58

Received London

Port H A M B U R G

No. 6952

Survey held at H A M B U R G

No. of visits 5

First date 22.9.58

Last date 3.10.58

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. ^{SKX} 66040 Name M.V. "JOHN AUGUSTUS ESSBERGER" Gross tons 9409 Date of build 5-1930

Owners John T. Essberger Managers Port of Registry Hamburg

Engines made 1930 By Sun S.B. & D.D. Co., Chester, Pa Type Oil Engine 2SA 4Cy.

No. of Main Engines 1 No. of Screws 1 Records of Survey & Special Notations as per Register Book

No. of Main Boilers - W.P. -

No. of ~~XX~~ Donkey Boilers 2wt w.P. 120 lb, 217 lb

Surveyed Afloat or in Dry Dock Both

Nature of Survey ^{Working} G.E., TS, DBS, CS, repairs

Was Damage Report issued? - Int. Cert.? yes

Last Report (For Head Office only)

Hull	Machinery
* 100 Al carrying petroleum in bulk	* LMC CS 1.55
Dkg 10.57	dbS 10.57
SS Ham (Dr) 1.55	CL 11.55
	sps 1.55

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 **good** Wear Down of Stern Bushes **3.4 mm** Oil Glands - Sea Connections **good**
 Fastenings **good** Has Screwshaft/Tubeshaft been drawn? **yes** Date of Examination **30.9.58** Has Shaft been changed? **no**
 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 **No. 1 good**
 2 Valves & Gears **No. 1 good**
 3 Connecting Rods, Top Ends & Guides Side **No. 2 good**
 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 **good**
 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 **not fitted** Have Main Engines been tested working and manoeuvring? **yes**
 OPINION OF MACHINERY AND RECOMMENDATIONS The Machinery of this vessel where now seen is in efficient condition and eligible in my opinion to remain as now classed with fresh records of TSCL 10.58, dbS 10.58 now, and CS (with date), when the survey has been completed, and without any special conditions re-examining and testing main engine crankshaft coupling bolts by 10.58 (7 mos limit).

It is recommended that the Owners' request for postponement of Special Survey until August 1959 receives the favourable consideration of the Committee.

Date of Committee **MONDAY 17 NOV 1958**
Decision **As now, without spl. con.**

30m.6.55. T. (MADE AND PRINTED IN ENGLAND.) **TS 10.58, DBS 10.58**

W. O. [Signature]
Engineer Surveyor to Lloyd's Register of Shipping



Noted for Header

002798-002807-0015

SURVEY Now Tested

NO

NO

LLOYD'S REGISTER

UNITED KINGDOM

ER-O

NAME

NO. 2 side cross

intermediate and

examined

is issued upon the terms

Committee of the Society use

neither the Society nor any

report or certificate issued by

of judgment, default or negligence

(MADE AND PRINTED IN ENGLAND.)

Fee (if any)

Rendered **4/28 80N**
29.11

If certificate is required state where to be sent.

32 Essential Independent Pumps (Identify by position) *Steam driven bilge pump, both steam driven feed pumps (No. 5). Electrically driven instead of oil pumps; Steering gear and pump units; Good.*

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 *both main receivers*

40 Auxiliary

41 Oil Fuel Tanks (Not forming part of hull structure) *daily service tanks are part hull structure.*

42 Evaporators

43 Have Evaporator Safety Valves been tested under steam?

44 Steering Machinery *Good*

45 Windlass

46 Fire Extinguishing Arrangements *Good.*

AUXILIARY ENGINES (Identify by position)

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators			1 Generators & Governors <i>Good</i>
b Exciters			m Motors <i>Good</i>
c Air Coolers			n Switchboards & Fittings <i>Good</i>
d Motors			o Circuit Breakers <i>Satisfactory</i>
e Air Coolers			p Cables <i>Satisfactory</i>
f Control Gear, Cables, etc.			q Insulation Resistance <i>Good</i>
g Insulation Resistance			r Steering Gear Generators and Motors <i>Good</i>
h Insulating Oil Test			s Navigation Light Indicators <i>Good</i>
i Overspeed Governors			
j Magnetic Couplings			
k Air Gap			

Note: A bracket groups items 1 through 5 with the handwritten note "due to G.E."

BOILERS OPENED UP & EXAMINED (Identify by position and state latest date of internal examination of each boiler)

MAIN *Donkey oil fired 29.9.58*
Exhaust gas donkey 28.9.58

Superheaters *Good*

Safety Valves *Good*

Mountings, Doors & Fastenings

Safety Valves Adjusted to { Sat. *14 kg/cm² oil fired; 8 kg/cm² exhaust gas*
Spt. *217 kg/cm² 120 kg/cm²*

Boiler Securing Arrangements

Main Economisers Exhaust Gas Heated Economisers

Steam Heated Steam Generators Steam Generator Safety Valves Adjusted to *yes*

Were Oil Burning System & Remote Controls examined working in accordance with Rules? *yes* Forced Circulating Pumps *Good*

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)

Work done for S.P. Main engine crankshaft coupling both specially examined and returned to order. This work may have to be held from the S.P. Wear & tear repairs: Cylinder unit HE NO 1 renewed. Oil fired donkey boiler, 3 tubes renewed. Mainst repairs to piping and electrical fittings effected.

General examinations: - Main and essential auxiliary machinery examined under working conditions on dock-trials and found efficient. Bilge, general service and feed oil transfer pumps examined under working conditions and found in order. Steam and diesel generators examined under working conditions and found satisfactory. Governor belts carried out and found satisfactory. Generator, motor, switchboard cables and fittings examined, insulation resistance readings taken and found or not brought up to R.B. Fire fighting arrangements revised, control sets checked and all found satisfactory.

This vessel is recommended for postponement of special survey until 8. 59.

W.L.D.

LEAVE THIS SPACE BLANK

Survey fees *CS: 211 180-*
TS: 211 85-
IBS: 211 200-
G.Ex: 211 160-

Damage fee *DM 40- 11*

Expenses... *DM 50-*

Waste attend. *DM 50-*

Date when A/c rendered *Ha 8066 29.10.58*

