

Rpt. 9

Date of writing report 6-9-1961

Received London 27. SEP. 1961

Port of Amsterdam

No. 24346

Survey held at Amsterdam

No. of visits 15

First date 29-6-1961

Last date 30-8-1961

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

No. in R.B. 29106 S.S. "ST. ARVANS" Gross tons 7247 Date of build 1944

Owners South American Saint Line Ltd. Managers Port of Registry Newport, Mon.

Engines made Harrison By Worthington Corp. Type T. 3 Cy

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

No. of Main Boilers 2 W.P. 250 lb Spt 230 lb

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

Surveyed Afloat or in Dry Dock both

Nature of Survey Cond;ES;MBS;TS;rep.

Was Damage Report issued? no Int. Cert.? yes

Last Report (For Head Office only)

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 completed from forward.

DOCKING Propeller good Wear Down of Stern Bushes rewooded Sea Connections good

Fastenings good Has Screwshaft been drawn? yes Date of Examination 4-7-61 Has Shaft been changed? no

Has Shaft now fitted been previously used? Has Shaft now examined a continuous liner? yes Approved oil gland? no

MAIN ENGINES (Recip. Steam) IP + LP good

1 Cyls., Covers, Pistons & Rods IP + LP good

2 Valves & Gears IP + LP good

3 Connecting Rods, Top Ends & Guides all good

4 Crankpins & Bearings all good

5 Journals & Bearings all good

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

EXHAUST STEAM TURBINES (WITH RECIP. ENGINES)

STEAM COMPRESSORS

CLUTCHES & HYDRAULIC COUPLINGS

REDUCTION GEARING

THRUST BLOCKS, SHAFTS & BEARINGS good

INTERMEDIATE SHAFTS & BEARINGS good

HOLDING DOWN BOLTS & CHOCKS good

CONDENSERS (MAIN & AUX.) both tested, good

STOP & MANOEUVRING VALVES good

MAIN ENGINE DRIVEN PUMPS airpump, bilge, sanitary all good

Have Main Engines been tested working and manoeuvring? yes

OPINION OF MACHINERY AND RECOMMENDATIONS

The machinery of this vessel being in good condition the vessel is in my opinion eligible to be continued

as classed with records ES 8,61 TS(CL) 8,61 MBS 8,61 "without special notations regarding a cracked

propeller blade and main condenser overboard discharge pipe connection.

THURSDAY 12 OCT 1961

Date of Committee

Decision ES 8,61 TS 8,61 MBS 8,61

40m,3,58 T. (MADE AND PRINTED IN ENGLAND-)

CERTIFICATE WRITTEN

011834-011843-0263

Engine Surveyor to Lloyd's Register of Shipping

D.van Couwelaar.

Lloyd's Register Foundation

Noted for Header

18/9/

2021

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both o.f.service pumps, forwd on stokehold, o.f.transferpump, forwd on stokehold; sanitary pump port forwd in ER; outboard feedpump, port forwd in ER; main circulating pump + engine, port in ER; both ballast pumps, port aft in ER; aux.condenser circ. + air pump : all good

32 Essential Independent Pumps (Identify by position)

33 Bilge, Ballast & Oil Fuel Suction Lines, Fittings & Controls good

34 Have the remaining Piping Arrangements & Fittings in the machinery space been examined as considered necessary? yes good

35 ~~Essential Independent Pumps~~

36 ~~Donkey or Press~~

37 Heaters (state service) feedw. + oil fuel : all tested : good

38 ~~Donkey or Press~~

39 ~~Donkey or Press~~

40 ~~Donkey or Press~~

41 ~~Donkey or Press~~

42 Evaporators

43 Have Evaporator Safety Valves been tested under steam?

44 Steering Machinery good

45 Windlass good

46 Fire Extinguishing Arrangements good

AUXILIARY ENGINES (Identify by position)

All three steamdriven generator engines throughout good

Fan engine : good

PROPULSION		ELECTRICAL EQUIPMENT	
PORT	STARBOARD		AUXILIARY EQUIPMENT
a Generators			i Generators & Governors good
b Exciters			m Motors good
c Air Coolers			n Switchboards & Fittings good
d Motors			o Circuit Breakers good
e Air Coolers			p Cables good
f Control Gear, Cables, etc.			q Insulation Resistance good
g Insulation Resistance			r Steering Gear & Governor & Motors
h Insulating Oil Test			s Navigation Light Indicators good
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 Port 11-7-1961 good

AUXILIARY, DONKEY or PRESS

Starbd 25-7-1961 good

Superheaters both good

Safety Valves all good

Mountings, Doors & Fastenings all good

Safety Valves Adjusted to Sat. all to 250 lbs

Spt. all to 230 lbs

Boiler Securing Arrangements all 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? yes

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)

ES and MBS completed.

Now done for Wear and Tear. I.P. crankpin bearing remetalled, cracked. New pumpbody made for aft ME driven ramtype pump, on account of wastage. Of the aux.cond.air and circ.pump the circulating waterend renewed on account of wastage. Minor repairs carried out to various pumps.

SRL 182. Propeller blade (cracked) to be specially examined and dealt with next drydocking.

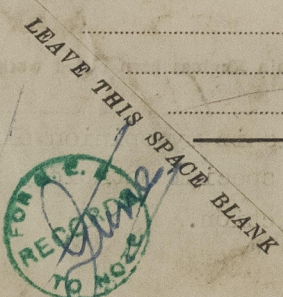
Now done. Propeller removed and crack repaired; same exd and good. This item may be deleted from the SRL.

SRL 182. Main condenser overboard discharge pipe connection to overboard discharge to be renewed next drydocking.

Now done : Said pipe connection renewed. This item may be deleted from the SRL.

NOTE. According to a Cardif certificate of 19-9-60 on board the following items have been credited to the E.S. now : H.P. cylinder and gear throughout; Inboard boiler feed pump; evaporator with safety valves.

NOTE. Tailshaft Survey notation advanced on account of undocking on 11-8-61.



Survey fees
ES : f. 630,--
EE : " 150,--
TS : " 70,--
MBS : " 280,--
Expenses... 30,--

Date when A/c rendered

18/9/1961

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