

Date of writing report 10th. July, 1959 Received London Port BUENOS AIRES No. 30581
 Survey held at PUERTO BELGRANO No. of visits six First date 6-5-59 Last date 9-6-59
BAHIA BLANCA.

REPORT OF PERIODICAL SURVEYS & REPAIRS OF MACHINERY

S.S.
 No. in R.B. 61898 Name MXX Tanker "GENERAL LAS HERAS" Gross tons 12741 Date of build 1951-8mo.
 Owners Argentine Government (Yacimientos) Port of Registry Buenos Aires.
Petroliferos Fiscales) Managers ---
 Engines made Birkenhead By Cammell Laird & Co. Ltd. Type DR
 No. of Main Engines 1 No. of Screws 1
 No. of Main Boilers 2 WTB W. 1480 lb.
 No. of ~~Max.~~/Donkey Boilers 2 W.P. 150 lb.
 Surveyed Afloat or in Dry Dock Drydock.
 Nature of Survey Docking & Comm. of E.S.
 Was Damage Report issued? No. Int. Cert? Yes
 Last Report (For Head Office only)

Records of Survey & Special Notations as per Register Book

Hull	Machinery
<u>4100A1</u>	<u>4MC 10,55</u>
<u>3,57</u>	<u>MBS 11,58</u>
<u>s.s.Bkn- 10,55</u>	<u>abs 1,58</u>
	<u>sgs 1,59</u>
	<u>TS CL 1,59</u>

CARRYING PETROLEUM IN BULK.

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 Close fit Oil Glands --- Sea Connections Good
 Fastenings Good Has Screwshaft/Tubeshaft been drawn? No. 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? No

MAIN ENGINES (~~Rec'd/Sig'd~~ & EC.) PORT STARBOARD

1 Cyls., Covers, Pistons & Rods ---

2 Valves & Gears ---

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

4 Crankpins & Bearings { Side ---
 Centre ---

5 Journals & Bearings ---

~~MAIN ENGINES~~

6 Cyls., Covers, Pistons & Rods ---

7 Connecting Rods & Top Ends ---

8 Crankpins & Bearings ---

9 Journals & Bearings ---

10 Coolers & Safety Devices ---

~~MAIN ENGINES~~

11 Cyls., Covers, Pistons & Rods ---

12 Connecting Rods & Top Ends ---

13 Crankpins & Bearings ---

14 Journals & Bearings ---

15 Levers ---

16 ~~MAIN ENGINES~~

17 ~~MAIN ENGINES~~

MAIN TURBINES

18 Casings, Rotors, Blading, Bearings & Thrusts ---

~~MAIN TURBINES~~

19 ~~MAIN TURBINES~~

20 ~~MAIN TURBINES~~

21 ~~MAIN TURBINES~~

22 REDUCTION GEARING ---

23 THRUST BLOCKS, SHAFTS & BEARINGS ---

24 INTERMEDIATE SHAFTS & BEARINGS ---

25 HOLDING DOWN BOLTS & CHOCKS ---

26 CONDENSERS (MAIN & AUX) Main † & Aux. Good.

27 ~~CONDENSERS~~

28 ~~CONDENSERS~~

29 STOP & MANOEUVRING VALVES Good.

30 ~~CONDENSERS~~

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, with fresh record of SPS 6,59 and Notation E.S. (with date) when the survey has been completed, subject to main condenser ferrules being renewed before the end of 6,60 (12 months).

Date of Committee THURSDAY 17 SEP 1959
 Decision As now subject.
SPS 6,59

22 ~~Electrical Independent Pumps (Identify by position)~~ Main circulating pump (port) Aux. circulating pump (Stbd. aft) Forward aux. feed pumps

23 Slugs, Scales & Oil Fuel Station Lines, Fittings & Controls

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

25 Fresh Water Coolers

26 Lub. Oil Coolers Two Good Tested

27 Heaters (state service)

28 Independent Air Compressors, Coolers & Safety Devices Electrically driven (Stbd. aft) Good.

29 Air Receivers & Safety devices—Main

40 Auxiliary

41 ~~Oil Fuel Pumps (Identify by position)~~

42 Evaporators Good

43 Have Evaporator Safety Valves been tested under steam? No.

44 Steering Machinery

45 Windlass

46 Fire Extinguishing Arrangements

AUXILIARY ENGINES (Identify by position)

N^o1 (port forward) and N^o2 (port aft) turbo generator aux. engines in their entirety.

Both Good.

ELECTRICAL EQUIPMENT

PROPULSION	PORT	STARBOARD	AUXILIARY EQUIPMENT
a Generators	—	—	l Generators & Governors <u>Good.</u>
b Exciters	—	—	m Motors <u>Good.</u>
c Air Coolers	—	—	n Switchboards & Fittings <u>Good.</u>
d Motors	—	—	o Circuit Breakers <u>Good.</u>
e Air Coolers	—	—	p Cables <u>Good.</u>
f Control Gear, Cables, etc.	—	—	q Insulation Resistance <u>Good.</u>
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 & Fittings

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 Yes (steel)

Auxiliary (over 3 in. bore)

Yes

Were Copper Pipes annealed?

Yes

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)

S.R.L.:- Main condenser ferrules noted to be heavily corroded. Condenser tested and proved tight and considered efficient in the meantime but it is submitted that the following subject of class be raised "Subject to main condenser ferrules being renewed before the end of 6,60 (12 months).

Wear and tear repairs:- New bottom casting fitted to distiller.

Minor repairs to pumps and main manoeuvring valves.

LEAVE THIS SPACE BLANK

Survey fees Decking

(Part E.S.) & SPS 4,900.00

Spec. Atte. Fees 1,800.00

Damage fee

2,000.00

Expenses

Date when A/o rendered 10th. July, 1959.

Register
Foundation