

Rpt. 9B

REPORT OF MACHINERY SURVEYS AND REPAIRS

Received London
7 JUL 1964

Ship's Name SS/~~XX~~ "SIDERURGICA TRES" Gross tons 2894

Is there a rpt. 8? Yes Port Rio de Janeiro Rpt. No. 9509

No. of visits 7 First date 1.11.63 Last date 9.1.64
Interim Cert. issued & copy herewith? Yes Damage rpt. issued & copy herewith? Yes Last rpt. (H.Q. only)

Date of completing rpt. 6.4.64 Surveyed at, if different from Port above -

Is a rpt. 9A attached? No MN Nature of survey Damage & Docking

Survey fees £ 30,000.00 Damage fee On Rpt. 8 Expenses On Rpt. 8

S.A. fee -

DOCKING

Propeller Good Sea connections Good Oil gland -
Fastenings Good Wear down of stern bush (5 mm.) rewooded.
Has screw/tube shaft been drawn? Yes Date of examn. 9.12.63
Has shaft been changed? No Has shaft now fitted been previously used? Yes
Has shaft now examined/fitted a continuous liner? Yes Approved oil gland? No

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

AUXILIARY, DONKEY OR PRESS (State if oil fired—OF or exhaust gas—EG)

MAIN

Air heaters

Superheaters

Safety valves

Mountings, doors and fastenings

Safety valves adjusted to { Sat
Spt

Boiler securing arrangements

Main economisers

Steam heated steam generators

Forced circulating pumps

Have saturated steam pipes in cylindrical boiler smoke boxes been examined as required by the Rules?

Exhaust gas heated economisers

Steam generator safety valves adjusted to

Funnel

Were oil burning system & remote controls examined in accordance with rules?

I recommend that the machinery of this ship remain as classed with ~~without~~ fresh record of drydocking 12.63 and with the notation of TS(CL) 12.63 subject to evaporator not being used until its safety valves have been adjusted under steam also to all other conditions at present attached to the ship's class being dealt with as previously recommended.

(Where conditions of class are recommended to be retained, imposed, amended or deleted, particulars must be stated above and on the interim certificate.)

R. Stuart Leishman
R. Stuart Leishman
Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

TUESDAY 15 SEP 1964

At now subject
TS 12.63

ALSO FOR

SPL FOR

TRO

SRL

POSTING

HEADER

CERT

All part or complete Special Surveys those items which are not applicable to the ship are to be cancelled; 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.

considered that re-examination or repairs should be made before that date a distinguishing mark should be inserted against the item and the circumstances and action taken or recommended described fully under "defects and repairs".

The condition of any item is to be described as "good" only when it 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 repairs have been effected or it is



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Lloyd's Register
Foundation

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EXAMINATION AND TESTING OF STEAM PIPES (state material)

MAIN
AUXILIARY
(over 3" bore)

Have saturated pipes in cylindrical boiler smoke boxes been tested?

Were selected copper pipes annealed?

ELECTRICAL EQUIPMENT

PROPULSION (State Port—P, or Starboard—S)		AUXILIARY	
Total kW or kVA		Total kW or kVA	
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 & motors
j	Magnetic couplings	s	Navigation light indicators
k	Air gap		

PARTICULARS OF DEFECTS, REPAIRS, ALTERATIONS, ETC.

Now done for Damage:- See also Damage Report. (Grounding)

Wood sterntube bush found excessively worn down also gland packing worn, also after shaft bearing adjacent to sterntube gland found with bottom half scored and wiped.

Screwshaft withdrawn & examined. Slight marking at after end of keyway removed at this time, shaft in way of keyway Magnaflux crack detected and found good.

Sterntube bush rewooded and new gland packing fitted at this time. After shaft bearing bottom half reattached.

Note: On account of grounding, main and auxiliary condensers and main S,W circulating pump opened up and examined at this time. All these items found in good condition.

S.R.L.: Subject to evaporator not being used until its safety valves have been adjusted under steam - nothing done at this time. The Owners state that it is not their intention to use the evaporator.

The reason for repairs must be stated and those on account of damage, the alleged cause of which must be given, should be detailed separately from wear and tear repairs. State what action has been taken regarding items which are subjects of class. State also where appropriate, for the information of the Technical Records Dept., the material of the defective item and whether it is a forging, casting or welded fabrication. Any alterations in existing particulars in the Register Book should be reported above.

