

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? YesDamage 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 fasteningsSafety valves { Sat
adjusted to { SptBoiler securing
arrangements

Main economisers

Exhaust gas heated economisers

Steam heated
steam generators

Steam generator safety valves adjusted to

Forced
circulating pumps

Funnel

Have saturated steam pipes in cylindrical boiler
smoke boxes been examined as required by the Rules?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
Surveyor to Lloyd's Register of Shipping

Date of Committee

Minute

TUESDAY 15 SEP 1964

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
thereon 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 Examina-
tion. Where repairs have been effected or it is



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Lloyd's Register
Foundation

011646-011656-0154

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
Control gear		
f cables, etc.		o Circuit breakers
Insulation		
g resistance		p Cables
Insulating		q Insulation resistance
h oil test		
Overspeed		r Steering gear generators & motors
i governors		s Navigation light indicators
Magnetic		
j couplings		
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 remetalled.

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.