

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office 26 APR 1948

19th April 48 When handed in at Local Office 19th April 48 Port of Barcelona

Date, First Survey 8th March 1947 Last Survey 20th May 1947

Engine held at Valencia (Number of Visits 19) Tons Gross 2241.98 Net 1308.25

Single Screw Steamer "R. DE M. FERROL" By whom built Ostseewerft Sch. & Masch. Yard No. - When built 1921

By whom made A. Borsing G.m.b.H. Engine No. - when made 1921

By whom made A. Borsing G.m.b.H. Boiler No. 25093 & 25094 when made 1921

Owners Siderurgica Asturiana S.A. Port belonging to Cadiz

Is Refrigerating Machinery fitted for cargo purposes no Is Electric Light fitted yes

Description of Engines Triple Expansion Steam Reciprocating Engine

Length of Stroke 1000 mm Revs. per minute 75 No. of Cylinders 3 No. of Cranks 3

as per rule 288 mm Dia. of Crank pin 288 mm Crank webs Mid. length breadth 444 mm Thickness parallel to axis 185 mm

as fitted 288 mm as per rule 271 mm accepted as per rule 271 mm accepted as per rule 316 mm Thickness around eye-hole 134 mm

Diameter of Tunnel shaft 271 mm Diameter of Screw shaft 316 mm Is the Screw shaft

Is the after end of the liner made watertight in the propeller boss -

Length of Stern Bush 1390 mm Diameter of Propeller 500 mm

No. of Blades 4 State whether Moveable no Total Surface - square feet.

No. of Feed Pumps fitted to the Main Engines 2 Diameter of ditto 77 mm Stroke 500 mm Can one be overhauled while the other is at work yes

No. of Bilge Pumps fitted to the Main Engines 2 Diameter of ditto 80 mm Stroke 500 mm Can one be overhauled while the other is at work yes

Total number and size of power driven Feed and Bilge Auxiliary Pumps 1 of 225 x 151 x 162; 1 of 115 x 90 x 122mm; 1 injector

No. and size of Pumps connected to the Main Bilge Line 1 of 191 x 172 x 285; 1 of 225 x 151 x 162 mm

No. and size of Lubricating Oil Pumps, including Spare Pump none

No. and size of suction connections connected to both Main Bilge Pumps and Auxiliary

in Engine and Boiler Room 2 of 75 mm - 2 of 65 mm and in Holds, etc. Space above F.P. hand pump, to be

1 of 75; Nos. 1 & 2 holds 2 of 75 (p. & s.); No 3 hold fore end 2 of 75 (p. & s.);

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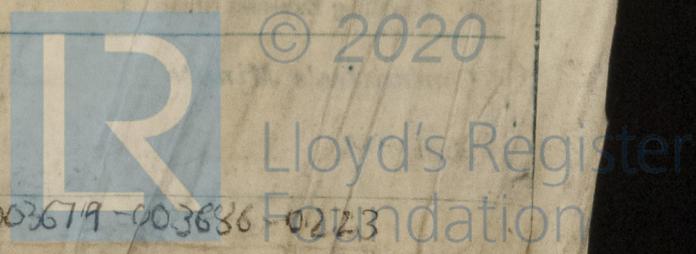
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The foregoing is a correct description

Manufacturer.



003679-003686 F0223

During progress of work in shops - -

Dates of Survey while building

During erection on board vessel - - -

During Special Survey. 1947.- March 8, 27, 29; April 10, 18, 19, 21; May 1, 2, 3, 4, 10, 11, 20

Total No. of visits - 19

Dates of Examination of principal parts - Cylinders Slides

Covers Pistons Rods

Connecting rods Crank shaft Thrust shaft

Tunnel shafts Screw shaft Propeller

Stern tube Engine and boiler seatings Engines holding down

Completion of pumping arrangements Boilers fixed Engines tried under steam

Completion of fitting sea connections Stern tube Screw shaft and propeller

Main boiler safety valves adjusted 10-5-47 Thickness of adjusting washers P. Boiler - PV 19. S. Boiler - SV 23.

Material of Crank shaft S.M. steel Identification Mark on Do.

Material of Thrust shaft S.M. steel Identification Mark on Do.

Material of Tunnel shafts S.M. steel Identification Marks on Do.

Material of Screw shafts S.M. steel Identification Marks on Do.

Material of Steam Pipes Steel Test pressure 42 kgs Date of Test

Is an installation fitted for burning oil fuel no Is the flash point of the oil to be used over 1

Have the requirements of the Rules for carrying and burning oil fuel been complied with -

Is this machinery duplicate of a previous case - If so, state name of vessel -

General Remarks (State quality of workmanship, opinions as to class, &c. This machinery has been examined under Special Survey, but it complies with the requirements of the Rules built under Special Survey and approved plans. Please see Secretary's letter of 10-5-47. Material and workmanship are good

The main and all auxiliary machinery have been examined under Special Survey in good condition and found satisfactory, and in my opinion, this machinery is entitled to be classed in this Society with the notation of L.M.C. 5,47 and T.S. (OG) seen 3,47

The amount of Entry Fee	£	:	When applied for,
Fees charged as per S.S. report		:	
Special	£	:	19
Donkey Boiler Fee	£	:	
Travelling Expenses (if any)	£	:	19

J. Hammer
 Engineer Surveyor to the Registrar of Shipping

Committee's Minute

Assigned See minute on machinery etc.

FRI. 4 JUN 1940

Rpt. No. 3179

Date of ...

Master

Engines

Boilers

Nominations

Machinery

Manuf.

Total

Fig. an

Tested

Area

Area

In cas

Small

Small

Large

Thick

long.

Perce

Perce

Thick

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