

No. 7023.

Received at London Office

28 FEB 1927

on the $\left. \begin{array}{l} \text{Single} \\ \text{Pair} \\ \text{Triple} \\ \text{Quadruple} \end{array} \right\} \text{Screw vessel}$

" CABO PALOS "

Tons } Gross 6,342
Net 3,798

By whom built	Cia. Enchaldunera de Casti. y Ref.	Yard No.	73	When built	1926-27
made at	Angsburg	Engine No.	26040	When made	1926
Boilers made at	Amiens	Boiler No.	2443	When made	1926
Horse Power	2000/2250 ^{into} enriching	Port belonging to	Seruela		
Horse Power as per Rule	438	Is Refrigerating Machinery fitted for cargo purposes	Yes	Is Electric Light fitted	Yes
for which vessel is intended	Wald ind.				

for which vessel is intended

ENGINES, &c. Type of Engines *M.A.N. Oil Engine* 2 or 4 stroke cycle *4* Single or double acting *Single*

m pressure in cylinders *35 lbs/cm²* Diameter of cylinders *700 mm* Length of stroke *1400 mm* No. of cylinders *6* No. of cranks *6*

bearings, adjacent to the Crank, measured from inner edge to inner edge *970 mm* Is there a bearing between each crank *Yes*

ions per minute *108/113* Flywheel dia. *2700 mm* Weight *10,000 kg* Means of ignition *Disse* Kind of fuel used *Disse*

shaft, dia. of journals as per Rule *445 mm* Crank pin dia. *450 mm* Crank Webs Mid. length breadth *840 mm* Thickness parallel to axis *455 mm*
as fitted *450 mm* Mid. length thickness *290 mm* Thickness around eyehole *192.5 mm*

1 Shaft, diameter as per Rule *✓* Intermediate Shafts, diameter as per Rule *✓ 308 mm* Thrust Shaft, diameter at collars as per Rule *✓*
as fitted *450 mm* as fitted *315 mm* as fitted *400 mm*

shaft, diameter as per Rule *✓* Screw Shaft, diameter as per Rule *✓ 351 mm* Is the *tube* screw shaft fitted with a continuous liner *No liner*
as fitted *✓* as fitted *370 mm*

Liners, thickness in way of bushes as per Rule *✓* Thickness between bushes as per rule *✓* Is the after end of the liner made watertight in the
as fitted *✓* as fitted *✓*

boss *✓* If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner *✓*

which is not suitable in water and non-corrosive *✓*

her does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material. ☒ Is an approved **Oil Gland** or other appliance fitted at the after
 liners are fitted, is the shaft lapped or protected between the liners. ☒
 he tube shaft. Oil gland fitted ✓ Length of Bearing in **Stern Bush** next to and supporting propeller. 1400 mm ✓ white metal
 ler, dia. 4300 mm ✓ Pitch 3600 mm ✓ No. of blades 4 ✓ Material Brass ✓ whether Moveable Yes ✓ Total Developed Surface 6 m² ✓ sq. feet
 l of reversing Engines Direct ✓ Is a governor or other arrangement fitted to prevent racing of the engine when declutched. Yes ✓ Means of lubrication
 ed ✓ Thickness of cylinder liners S2.S / 40 ✓ Are the cylinders fitted with safety valves. Yes ✓ Are the exhaust pipes and silencers water cooled or lagged with
 ducting material. Yes ✓ If the exhaust is led overboard near the waterline, what means are arranged to prevent water from being syphoned back to the engine. ☒
 g Water Pumps, No. 3 centrifugal ✓ Is the sea suction provided with an efficient strainer which can be cleared within the vessel. Yes ✓

g Water Pumps, No. 3 centrifugal Is the sea suction provided with an efficient strainer which can be cleared within the vessel

Pumps worked from the Main Engines, No. 1 Diameter 160" Stroke 150" Can one be overhauled while the other is at work

s connected to the Main Bilge Line { No. and Size 1 - 160" X 150"; 1 Centrif. 200 m³ per hour; 1 - 80" X 80"
How driven Main Engine; Electric Motor; Electric Motor

ist Pumps, No. and size 1 Centrif. 200 m³ p.h.; 1-801x801 **Lubricating Oil Pumps, including Spare Pump, No. and size** 1 Centrif. pump.
two independent means arranged for circulating water through the Oil Cooler Yes ✓ **Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge**
os, No. and size:—In Machinery Spaces 3-70²⁴ 1/2 dia.; 1-120⁴⁷ 1/2 dia.; **Turned well** - 57²⁴ 1/2 dia.
olds, etc. N-1, 1-65²⁴ 1/2; N-2, 3-76²⁴ 1/2; N-3, 3-70²⁴ 1/2; N-4, 1-70²⁴ 1/2; N-5, 1-76²⁴ 1/2; **ap. Peak** 57²⁴ 1/2 dia.
pendent Power Pump Direct Suctions to the Engine Room Bilges, No. and size 1 Centrif. 200 m³ p.h. ✓

all the Bilge Suction pipes in Holds and Tunnel Well fitted with strum-boxes Yes Are the Bilge Suctions in the Machinery Spaces

from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges Yes

all Sea Connections fitted direct on the skin of the ship Yes ✓ Are they fitted with Valves or Cocks Yes ✓

They fixed sufficiently high on the ship's side to be seen without lifting the platform plates Yes ✓ Are the Overboard Discharges above or below the deep water line Above

they each fitted with a Discharge Valve always accessible on the plating of the vessel. *Yes* ✓ Are the Blow Off Cocks fitted with a spigot and brass covering plate *Yes* ✓

at pipes pass through the bunkers. ✓ How are they protected. ✓

all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times *Yes* ✓

the arrangement of valves and their connections such as to prevent the possibility of water passing from the sea or from water tanks into the cargo or machinery spaces, or from one compartment to another. Yes Is the Shaft Tunnel watertight. Yes Is it fitted with a watertight door. Yes worked from Upper platform

in Air Compressors, No. 1 No. of stages 3 Diameters 700 | 620 | 150 Stroke 500 in Driven by crank shaft

Auxiliary Air Compressors, No.	2	No. of stages	3	Diameters	350/295	Stroke	220	Driven by	Ana. oil engine
Small Auxiliary Air Compressors, No.	1	No. of stages	2	Diameters	60/32	Stroke	35	Driven by	Hand.

Suction Air Pumps, No. 1 *Two-Stroke* Diameter of wheel 750 h Stroke ☒ Driven by *main engine*
 as per Rule ☒
 Auxiliary Engines crank shafts diameter 150 mm

R RECEIVERS:—Is each receiver, which can be isolated, fitted with a safety valve as per Rule Yes ✓
What means are provided for cleaning their inner surfaces Ranged across Rule

there a drain arrangement fitted at the lowest part of each receiver Yes ✓

Cubic capacity of each 200 litres Internal diameter 405 mm thickness 17.5 mm

less, lap welded or riveted longitudinal joint Seamless Material S.M. steel Range of tensile strength 42/50 kg/cm^2 Working pressure by Rules 31.6 kg/cm^2

Process, lap welded or riveted longitudinal joint. Seamless Material S.M. steel Range of tensile strength 42/50 kg/cm² Working pressure by Rules 95.8 kg/cm²

P. P. P. R. A. C. L. I. T. G. 50 kg/cm²; int φ 405 mm; thickness 17.5 mm; seamless; range 42/50 kg/cm²; W.P. by Rule 81.6

...the

IS A DONKEY BOILER FITTED?

PLANS. Are approved plans forwarded herewith for Shafting

Donkey Boilers

General Pumping Arrangements

30/11/25

Oil Fuel Burning Arrangements

Separate Tanks 19/8/26

SPARE GEAR

As per Rules

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building

During progress of work in shops -

During erection on board vessel -

Total No. of visits

Dates of Examination of principal parts - Cylinders

Crank shaft

Screw shaft

Completion of fitting sea connections

Crank shaft, Material

Thrust shaft, Material

Tube shaft, Material

Is the flash point of the oil to be used over 150° F.

Is this machinery duplicate of a previous case

General Remarks

Report N° 854, forwarded herewith) has been satisfactorily fitted on board, in accordance with the Rules and Regulations and to the approved plans, and is eligible in my opinion to be classed, with the record of S.L.M.C. 1,27, subject to the self closing valves (which have been placed on board prior to vessel sailing) being fitted to the drain pipes of the oil settling tanks. Stated will be done at Genoa - Surveyors advised.

The amount of Entry Fee ... 100.00
Special ... 1000.00
Donkey Boiler Fee ... 100.00
Travelling Expenses (if any) ... 27.00

When applied for, 22/2/1927
When received, 22/2/1927

Committee's Minute

Assigned

+ L.M.C. 1:24 Oil Engines Subject

Engineer Surveyor to Lloyd's Register of Shipping.

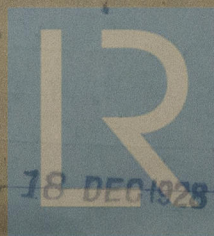
FRI. 19 AUG 1927

TUES. 13 JUN 1927

TUES. 17 JAN 1928

FRI. 9 DEC 1927

FRI. 21 SEP 1928



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