

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY

Grk. 1887

Received at London Office

9 MAY 1928

Date of writing Report **28-3-1928** when handed in at Local Office **28-3-1928** Port of **Glasgow**

No. in Survey held at **Old Kilpatrick** Date, First Survey **15-3-28** Last Survey **28-3-1928**

Reg. Book. on the **S.S. "Antigone"**

(Number of Visits **2**)

Gross **4645**

Tons Net **2835**

Built at **Old Kilpatrick** By whom built **Kaplan & Miller**

Yard No. **265**

When built **1928**

Engines made at **Greenock**

By whom made

Engine No.

when made

Boilers made at

By whom made

Boiler No.

when made

Registered Horse Power

Owners

Port belonging to

Nom. Horse Power as per Rule

Is Refrigerating Machinery fitted for cargo purposes

Is Electric Light fitted

Trade for which Vessel is intended

ENGINES, &c.—Description of Engines

Dia. of Cylinders	Length of Stroke	No. of Cylinders	Revs. per minute
as per Rule		Mid. length breadth	No. of Cranks
as fitted	Crank pin dia.	Mid. length thickness	Thickness parallel to axis
			Thickness around eye-hole
Intermediate Shafts, diameter		Thrust shaft, diameter at collars	
as per Rule		as per Rule	
as fitted		as fitted	
Tube Shafts, diameter	Screw Shaft, diameter	Is the tube screw shaft fitted with a continuous liner	
as per Rule	as per Rule		
as fitted	as fitted		
Bronze Liners, thickness in way of bushes	Thickness between bushes	Is the after end of the liner made watertight in the propeller boss	
as per Rule	as per Rule		
as fitted	as fitted		
		If the liner is in more than one length are the junctions made by fusion through the whole thickness of the liner	
		If the liner does not fit tightly at the part between the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive	
		If two liners are fitted, is the shaft lapped or protected between the liners	
		Is an approved Oil Gland or other appliance fitted at the after end of the tube shaft	
Propeller, dia.	Pitch	No. of Blades	Material
			whether Moveable
			Total Developed Surface
			sq. feet
Feed Pumps worked from the Main Engines, No.	Diameter	Stroke	Can one be overhauled while the other is at work
Bilge Pumps worked from the Main Engines, No.	Diameter	Stroke	Can one be overhauled while the other is at work
Feed Pumps	No. and size	Pumps connected to the Main Bilge Line	No. and size
	How driven		How driven
Ballast Pumps, No. and size		Lubricating Oil Pumps, including Spare Pump, No. and size	
Are two independent means arranged for circulating water through the Oil Cooler		Suctions, connected to both Main Bilge Pumps and Auxiliary Bilge Pumps;—In Engine and Boiler Room	
In Holds, &c.			

Main Water Circulating Pump Direct Bilge Suctions, No. and size	Independent Power Pump Direct Suctions to the Engine Room Bilges, No. and size
Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes	
Are the Bilge Suctions in the Machinery Space led from easily accessible mud-boxes, placed above the level of the working floor, with straight tail pipes to the bilges	
Are all Sea Connections fitted direct on the skin of the ship	Are they fitted with Valves or Cocks
Are they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates	Are the Overboard Discharges above or below the deep water line
Are they each fitted with a Discharge Valve always accessible on the plating of the vessel	Are the Blow Off Cocks fitted with a spigot and brass covering plate
What Pipes pass through the bunkers	How are they protected
What pipes pass through the deep tanks	Have they been tested as per Rule
Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times	
Is 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	Is the Shaft Tunnel watertight
	Is it fitted with a watertight door
	worked from

MAIN BOILERS, &c.—(Letter for record)

Total Heating Surface of Boilers

Is Forced Draft fitted No. and Description of Boilers Working Pressure

IS A REPORT ON MAIN BOILERS NOW FORWARDED?

IS A DONKEY BOILER FITTED?

If so, is a report now forwarded?

PLANS. Are approved plans forwarded herewith for Shafting Main Boilers Auxiliary Boilers Donkey Boilers

Superheaters General Pumping Arrangements Oil fuel Burning Piping Arrangements

SPARE GEAR. State the articles supplied:—

The foregoing is a correct description,

Manufacturer.



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W232-0023

During progress of work in shops - -
 Dates of Survey while building
 During erection on board vessel - - -
 Total No. of visits

1928 Mar 15-28

2

Dates of Examination of principal parts—Cylinders Slides Covers
 Pistons Piston Rods Connecting rods
 Crank shaft Thrust shaft Intermediate shafts
 Tube shaft Screw shaft Propeller
 Stern tube Engine and boiler seatings 15-3-28. Engines holding down bolts
 Completion of fitting sea connections 28-3-28.
 Completion of pumping arrangements Boilers fixed Engines tried under steam
 Main boiler safety valves adjusted Thickness of adjusting washers
 Crank shaft material Identification Mark Thrust shaft material Identification Mark
 Intermediate shafts, material Identification Marks Tube shaft, material Identification Mark
 Screw shaft, material Identification Mark Steam Pipes, material Test pressure Date of Test
 Is an installation fitted for burning oil fuel Is the flash point of the oil to be used over 150°F.
 Have the requirements of the Rules for the use of oil as fuel been complied with
 Is the vessel (not being an oil tanker) fitted for carrying oil as cargo If so, have the requirements of the Rules 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. The fastenings of sea connections, and stem tube examined. Engine and boiler seatings examined.

A.L.
 25/3/28

Certificate to be sent to
 The Surveyors are requested not to write on or below the space for Committee's Minute.

The amount of Entry Fee	... £	:	:	When applied for,
Special	... £	:	:	19.....
Donkey Boiler Fee	... £	:	:	When received,
Travelling Expenses (if any)	£	:	:	19.....

Jas. Cairns
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **GLASGOW 8 - MAY 1928**

Assigned *See accompanying Mady. Report.*



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