

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

Date of writing Report 19... When handed in at Local Office 19... Port of...
 No. in Survey held at Reg. Book... Date, First Survey... Last Survey 19...
 on the **S-S ASPHALION** (Number of Visits...)
 Built at... By whom built... Yard No... When built...
 Engines made at... 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... Revs. per minute...
 Dia. of Cylinders... Length of Stroke... No. of Cylinders... No. of Cranks...
 Crank shaft, dia. of journals as per Rule... Crank pin dia... Crank webs Mid. length breadth... Thickness parallel to axis...
 as fitted... Mid. length thickness... shrunk... Thickness around eye-hole...
 Intermediate Shafts, diameter as per Rule... Thrust shaft, diameter at collars as per Rule...
 as fitted...
 Tube Shafts, diameter as per Rule... Screw Shaft, diameter as per Rule...
 as fitted... Is the { tube } shaft fitted with a continuous liner { screw }
 Bronze 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... 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
 at... If so, state type... Length of Bearing in Stern Bush next to and supporting propeller...
 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 { No. and size... Pumps connected to the { No. and size...
 Pumps { How driven... Main Bilge Line { 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 Pump 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...
 Which Boilers are fitted with Forced Draft... Which Boilers are fitted with Superheaters...
 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?...
 Can the donkey boiler be used for domestic purposes only...

PLANS. Are approved plans forwarded herewith for Shafting... Main Boilers... Auxiliary Boilers... Donkey Boilers...
 (If not state date of approval)
 Superheaters... General Pumping Arrangements... Oil fuel Burning Piping Arrangements...

SPARE GEAR.

Has the spare gear required by the Rules been supplied...
 State the principal additional spare gear supplied...

The foregoing is a correct description.

Manufacturer.



© 2020

Lloyd's Register
Foundation

002498-002505-0145

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
Pistons
Crank shaft
Tube shaft
Stern tube
Completion of fitting sea connections
Completion of pumping arrangements
Main boiler safety valves adjusted
Crank shaft material
Intermediate shafts, material
Screw shaft, material
Is an installation fitted for burning oil fuel
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 the notation for Ice Strengthening is desired, state whether the requirements in this respect have been complied with
Is this machinery duplicate of a previous case

Cylinders
Piston Rods
Thrust shaft
Screw shaft
Engine and boiler seatings
Boilers fixed
Thickness of adjusting washers
Identification Mark
Identification Marks
Identification Mark
Identification Mark
Identification Mark
Steam Pipes, material
Is the flash point of the oil to be used over 150° F.
If so, have the requirements of the Rules been complied with
If so, state name of vessel

Slides
Covers
Connecting rods
Intermediate shafts
Propeller
Engines holding down bolts
Engines tried under steam
Test pressure
Date of Test

General Remarks (State quality of workmanship, opinions as to class, &c.

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	... £	:	:	
Donkey Boiler Fee	... £	:	:	When received,
Travelling Expenses (if any)	£	:	:	

Committee's Minute
Assigned
See minute on machinery rpl.

Engineer Surveyor to Lloyd's Register of Shipping.