

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

Date of writing Report 19... When handed in at Local Office 19... Port of Funderland

No. in Survey held at Reg. Book... Date, First Survey... Last Survey... 19...
(Number of Visits)

on the S.S. GLAISTALE

Built at Funderland By whom built Mr James Lamb & Co Ltd Yard No. 707 Tons { Gross Net }
Engines made at Do By whom made George Peck Ltd Engine No. 1173 When built 1929
Boilers made at Do By whom made Do Boiler No. 1173 when made 1929

Registered Horse Power... Owners Headlan & Co Ltd Port belonging to Whitby

Nom. Horse Power as per Rule 341 Is Refrigerating Machinery fitted for cargo purposes... Is Electric Light fitted

Trade for which Vessel is intended General

ENGINES, &c.—Description of Engines

Dia. of Cylinders... Length of Stroke... No. of Cylinders... Revs. per minute

Crank shaft, dia. of journals... Crank pin dia... Crank webs... No. of Cranks

Intermediate Shafts, diameter... Thrust shaft, diameter at collars

Tube Shafts, diameter... Screw Shaft, diameter... Is the { tube screw } shaft fitted with a continuous liner

Bronze Liners, thickness in way of bushes... Thickness between bushes... Is the after end of the liner made watertight in the propeller boss

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 How driven } Pumps connected to the Main Bilge Line { No. and size 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 Yes

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 Yes

Is the Shaft Tunnel watertight Yes Is it fitted with a watertight door Yes worked from top of stokehold

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.



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

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 Engines holding down bolts
 Completion of fitting sea connections
 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 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. *See machinery report.*
Written to complete machinery report.

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.....

[Signature]
 Engineer Surveyor to Lloyd's Register of Shipping.

Committee's Minute **EBL 20 SEP 1929**
 Assigned *See Report attached*

