

REPORT ON STEAM RECIPROCATING ENGINE MACHINERY.

Received at London Office

28 NOV 1951

ing Report 24.11.1951

When handed in at Local Office

26.11.1951

Port of

Glasgow

Survey held at

Renfrew

Date, First Survey

10th Aug. 1950

Last Survey

29.10.1951

(Number of Visits 1)

on the

S.S. EDDYBAY

Tons

Gross

Net

Dundee

By whom built

Caledon Shipbuilding Co.

Yard No. 480

When built

made at

Renfrew

By whom made

Lobnitz & Co.

Engine No. B 1472

When made 1951

made at

By whom made

Boiler No.

When made

d Horse Power

Owners

The Admiralty

Port belonging to

se Power as per Rule

400

Is Refrigerating Machinery fitted for cargo purposes

Is Electric Light fitted

which vessel is intended

8, &c.—Description of Engines

Triple Expansion

Revs. per minute

227

Cylinders 16"-27 1/2"-43 1/2"

Length of Stroke

21"

No. of Cylinders

3

No. of Cranks

3

it, dia. of journals

as per Rule 8.26

Crank pin dia.

9 1/2"

Crank webs

Mid. length breadth

15 1/2"

Thickness parallel to axis

5.11/16"

as fitted

9 1/2"

as per Rule

7.87"

Mid. length thickness

5.11/16"

Thickness around eye-hole

4 1/2"

Shafts, diameter

as fitted

Thrust shaft, diameter at collars

as per Rule

as fitted

ts, diameter

as per Rule

as fitted

Screw Shaft, diameter

as per Rule

as fitted

Is the { tube } shaft fitted with a continuous liner { screw }

ners, thickness in way of bushes

as per Rule

as fitted

Thickness between bushes

as per Rule

as fitted

Is the after end of the liner made watertight in the

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

rs 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

If so, state type

Length of Bearing in Stern Bush next to and supporting propeller

dia.

Pitch

No. of Blades

Material

whether Moveable

Total Developed Surface

sq. feet

ps worked from the Main Engines, No.

Diameter

Stroke

Can one be overhauled while the other is at work

ps worked from the Main Engines, No.

Diameter

Stroke

Can one be overhauled while the other is at work

o. and size

Pumps connected to the

No. and size

ow driven

Main Bilge Line

How driven

mps, No. and size

Lubricating Oil Pumps, including Spare Pump, No. and size

dependent means arranged for circulating water through the Oil Cooler

Suctions, connected both to Main Bilge Pumps and Auxiliary

ps:—In Engine and Boiler Room

In Holds, &c.

25 Independent Pump Direct Bilge Suctions, No. and size

Independent Power Pump Direct Suctions to the Engine and/or Boiler Room Bilges,

Are all the Bilge Suction Pipes in holds and tunnel well fitted with strum-boxes

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

a Connections fitted direct on the skin of the ship

Are they fitted with Valves or Cocks

zed 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

ach 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

es pass through the bunkers

How are they protected

es pass through the deep tanks

Have they been tested as per Rule

pes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times

agement 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

nt to another

Is the Shaft Tunnel watertight

Is it fitted with a watertight door

worked from

OILERS, &c.—(Letter for record

Total Heating Surface of Boilers

7530

ilers are fitted with Forced Draft

yes

Which Boilers are fitted with Superheaters

No

Description of Boilers

2 - cylindrical

Working Pressure

250

REPORT ON MAIN BOILERS NOW FORWARDED?

No.

DONKEY BOILER FITTED?

-

If so, is a report now forwarded?

-

nkey boiler be used for other than domestic purposes

crank

Are approved plans forwarded herewith for Shafting

yes

Main Boilers

-

Auxiliary Boilers

-

Donkey Boilers

-

(If not state date of approval)

rs General Pumping Arrangements

Oil fuel Burning Piping Arrangements

SPARE GEAR.

are gear required by the Rules been supplied

yes

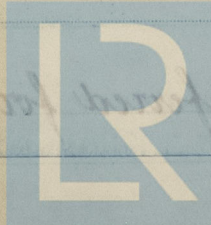
rincipal additional spare gear supplied

he foregoing is a correct description.

ITZ & CO. LTD.

Director.

Manufacturer.



© 2020

Lloyd's Register Foundation

004351-004357-0190

Dates of Survey while building

During progress of work in shops - -

During erection on board vessel - - -

Total No. of visits

1950 Aug 10-17 Nov 22 (1951) Feb 9 May 23 Aug 10-13 24-31 Sep 4-5 11-20 Oct 1-4 9-29

Dates of Examination of principal parts—Cylinders 18.10.50, 2.11.50, / Slides 23.5.51. Covers 18.10.50, 2.11.50, 23.5.51.

Pistons 4.9.51. Piston Rods 20.9.51. Connecting rods 20.9.51.

Crank shaft 31.8.51. 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 steel Identification Mark Lloyd's No. 20774 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

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 yes If so, state name of vessel B. 1471

General Remarks (State quality of workmanship, opinions as to class, &c. The machinery of this vessel has been

constructed under Special Survey, in accordance with the Rules and approved plans, the material and workmanship are good.

It has been despatched to Dundee for installation in Caledon Shipbuilding Co's ship No. 480.

Specification fee £58-0-0

The amount of Entry Fee 2/5 £ 58

Special Weldings £ 3

Donkey Boiler Fee £

Travelling Expenses (if any) £

When applied for, 27 NOV 1951

When received, 19

Date

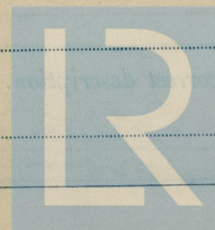
GLASGOW

27 NOV 1951

Committee's Minute

Deferred for completion

I Crawford James C. Murray
Engineer-Surveyor to Lloyd's Register of Shipping



© 2020

Lloyd's Register Foundation