

pt. 4b

ate of writing report

Rules

urvey held at

with

o. in R.B.

not

wners

uilt at

Engines made at

g made at

y boilers made at

newly installed at

ulars of restricted service of ship, if limited for classification

ulars of vegetable or similar cargo oil notation, if required

p to be classed for navigation in ice?

frigerating machinery fitted?

ne refrigerating machinery compartment isolated from the propelling machinery space?

following particulars should be given as fully and as clearly as possible. Where the answer is "No" or "None", say so! Ticks and other signs of doubtful meaning are not to be used. Where the

ding is not applicable to the installation, a black line may be inserted. If the main engines have been constructed at another port and are covered by a separate report, the particulars given in that

ort need not be repeated below, but the port and report number should be stated.

of main engines

No. of propellers

Brief description of propulsion system

AIN RECIPROCATING ENGINES. Licence Name and Type No.

of cylinders per engine

Dia. of cylinders

stroke(s)

Minimum approved BHP per engine

Maximum cylinder pressure

Maximum cylinder pressure

the cylinders arranged in Vee or other special formation?

O STROKE ENGINES. Is the engine of opposed piston type?

he exhaust discharged through ports in the cylinders or through valve(s) in the cylinder covers?

ine and how driven

of exhaust gas driven scavenge blowers per engine

stand-by or emergency pump or blower is fitted, state how driven

er

UR STROKE ENGINES. Is the engine supercharged?

ine

VO & FOUR STROKE ENGINES—GENERAL. No. of valves per cylinder: Fuel

aterial of cylinder covers

ooling medium for :—Cylinders

the rod fitted with a sleeve?

der side of pistons?

ices

haul of bearings, etc?

n the engine be directly reversed?

s the engine been tested working in the shop?

ANK & FLYWHEEL SHAFTING. Date of approval of torsional vibration characteristics of the propelling machinery system

working propeller

ere positioned?

e?

ankshaft type: Built, semi-built, solid. (State which)

iameter of journals

shrunken, radial thickness around eyeholes

iameter of flywheel

iameter of flywheel shaft

wheel shaft: separate, integral with crankshaft, integral with thrustshaft. (State which)

MONDAY 2 MAR 1959

12 APR 1958

Received London

In shops

No. of visits

On vessel

HAMBURG

3.1.1958

First date

Last date

No. 6441

28.3.58

Year

Month

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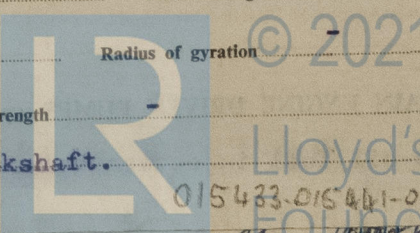
When

When

When

When

9.5.58



Lloyd's Register

015433-015441-0060

Foundation

GENERAL REMARKS

State if the machinery has been constructed and/or installed under special survey in accordance with the Rules, approved plans and Secretary's letters. State quality of materials and workmanship and give recommendations for classification, including any special notation to be assigned. Where existing machinery is submitted for classification the circumstances should be explained as fully as possible.

These Engines have been constructed under Special Survey in conformity with the Society's Rules and Regulations, the approved plans and the Secretary's letters. The materials and workmanship are good. These engines have been examined during construction and under working conditions on the Makers' test bed and are eligible in my opinion to have the record * LMC (with date) after satisfactory installation on board the above ship.

Engineer Surveyor to Lloyd's Register of Shipping.

PARTICULARS OF IDENTIFICATION MARKS ((Including Port of origin) of Important Forgings and Castings. (Copies of certificates should be forwarded with report.)

RODS Connecting Rods: Eng. No. 405 211: LLOYD'S AUG BA 14 18.12.57 G.H.
Eng. No. 405 212: LLOYD'S AUG BA 15 18.12.57 G.H.

CRANESHAFTS ~~XXXXXXXXXX~~ Eng. No. 405 211: LLOYD'S AUG BA 14 20.1.58, Eng. No. 405 212: LLOYD'S AUG BA 15 20.1.58
Short Interm. Shaft: ~~XXXXXXXXXX~~ Eng. No. 405 211: LLOYD'S KLN 1125 21.11.57, Eng. No. 405 212: LLOYD'S KLN 1125 21.11.57
~~XXXXXXXXXX~~ LLOYD'S HAM 27.3.58 E.A. LLOYD'S HAM 31.3.58

GEARING

INTERMEDIATE SHAFTS

SCREW AND TUBE SHAFTS

PROPELLERS

OTHER IMPORTANT ITEMS Bed plates: Eng. No. 405 211: LLOYD'S HAM 704 16.1.58 E.A. ✓
Eng. No. 405 212: LLOYD'S HAM 888 27.12.57 E.A. ✓

Supercharging Blowers:

Eng. No. 405 211: LLOYD'S TEST AUG 11380 6 kg/cm² 17.12.57 G.H. ✓
Eng. No. 405 212: LLOYD'S TEST AUG 11381 6 kg/cm² 19.12.57 G.H. ✓

Is the installation a duplicate of a previous case?

See Aug. Certs.

If so, state name of vessel

Date of approval of plans for crankshaft Nos. 7547/48

Straight shafting

Gearing

Clutch

Separate oil fuel tanks

Pumping arrangements

Oil fuel arrangements

Cargo oil pumping arrangements

Air receivers

Donkey boilers

Dates of examination of principal parts:—

Fitting of stern tube

Fitting of propeller

Completion of sea connections

Alignment of crankshaft in main bearings

19.2.58
20.2.58

Engine chocks & bolts

Alignment of gearing

Alignment of straight shafting

Testing of pumping arrangements

Oil fuel lines

Donkey boiler supports

Steering machinery

Windlass

Date of Committee

FRIDAY 10 APR 1959

Decision

See Rpt. 1.

Special Survey Fee

JM 3910,-

TEST BED TRIAL

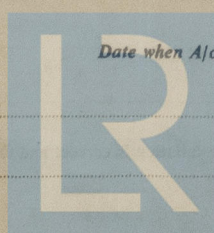
JM 200,-

Expenses

JM 90,-

Date when A/c rendered

22-4-58



Lloyd's Register
Foundation