

No. 2823 Kobe

Received at London Office 28 JUN 1955

What provision is made for first charging the air receivers.....

Scavenging Air Pumps, No. 2 Roots Blowers..... diameter 818.6mm dia. x 1498mm long..... driven by Main engine

Auxiliary Engines crank shafts, diameter..... as per Rule..... r.p.m. 393..... No.....

..... as fitted..... Position.....

Have the auxiliary engines been constructed under special survey..... Is a report sent herewith.....

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AIR RECEIVERS:—Have they been made under survey

State No. of report or certificate

Is each receiver, which can be isolated, fitted with a safety valve as per Rule

Can the internal surfaces of the receivers be examined and cleaned

Is a drain fitted at the lowest part of each receiver

Injection Air Receivers, No.

Cubic capacity of each

Internal diameter

thickness

Seamless, welded or riveted longitudinal joint

Material

Range of tensile strength

Working pressure by Rules

Actual

Starting Air Receivers, No.

Total cubic capacity

Internal diameter

thickness

Seamless, welded or riveted longitudinal joint

Material

Range of tensile strength

Working pressure by Rules

Actual

IS A DONKEY BOILER FITTED

If so, is a report now forwarded

Is the donkey boiler intended to be used for domestic purposes only

PLANS. Are approved plans forwarded herewith for shafting App. date 28-2-55

(If not, state date of approval)

Receivers

Separate fuel tanks

Donkey boilers

General pumping arrangements

Pumping arrangements in machinery space

Oil fuel burning arrangements

Have Torsional Vibration characteristics been approved

Yes

Date of approval

28-2-55

SPARE GEAR.

B.S.R. 39/49 RPM

Has the spare gear required by the Rules been supplied

Yes

State the principal additional spare gear supplied

6-Fuel valves complete

1-Exhaust valve complete,

1-starting air valve complete,

1-Cylinder safety valve complete, 5 set Piston rings,

1-Piston rod, 1 set O.F. pump complete.

The foregoing is a correct description,

Manufacturer.

Dates of Survey while building
During progress of work in shops -- 1954: Nov. 4,9,30, Dec. 4,11,14,23,24,27 1955: Jan.10,14,21,24,28,29,31 Feb.4,9,14,15,21,25,28, Mar. 2,4,5,11,14,17,19,22,23,24,29,30,31 Apr. 9,12,13,14,23,28
During erection on board vessel -- May, 4,6,7,9
Total No. of visits 46 (Kobe)

Dates of examination of principal parts—Cylinders 2-3-55 Covers 31-3-55 pistons 11-3-55 Rods 11-3-55 Connecting rods 4-3-55

Crank shaft 21-1-55 Flywheel shaft Thrust shaft 21-1-55 Intermediate shafts Tube shaft

Screw shaft Propeller Stern tube Engine seatings Engine holding down bolts

Completion of fitting sea connections Forged and No. K-CK 428 Completion of pumping arrangements Engines tried under working conditions

Crank shaft, material Cast Steel Identification mark HI LR 21-1-55 Flywheel shaft, material Identification mark

Thrust shaft, material E.F. Forged Identification mark No. HC-F502 Intermediate shafts, material Identification marks

Tube shaft, material Identification mark HI LR 21-1-55 Screw shaft, material Identification mark

Identification marks on air receivers

Welded receivers, state Makers' Name

Is the flash point of the oil to be used over 150°F

Have the requirements of the Rules for oil fuel pipes and tank fittings been complied with

Description of fire extinguishing apparatus fitted

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

M.V. "NIKKEI MARU" & M.V. "NICHIRYU"

General Remarks (State quality of workmanship, opinions as to class, &c. The Machinery has been constructed under the supervision of the Society's Surveyors in accordance with the Rules, approved Plans and Secretary's letters.

The materials were found to be sound and free from defects and the workmanship is good.

The machinery was examined during shop trials under full and overload conditions and found good.

It is submitted that this machinery will be eligible for a Notation of LMC when installed on board the vessel to the satisfaction of the Society's Surveyors. with date

The amount of Entry Fee ... £

Special ... £

Donkey Boiler Fee ... £

Travelling Expenses (if any) £

When applied for

KOBE JUN - 8. 1955

When received

19

Committee's Minute

Assigned

Sec Rpt. 46.

FRIDAY 30 SEP 1955

Engineer Surveyor to Lloyd's Register of Shipping



Lloyd's Register Foundation