

# REPORT ON MACHINERY

No. 2160

18 FEB. 1917

Received at London Office

Writing Report 25 Nov 1917 When handed in at Local Office

Port of Kobe

Survey held at Osaka & Imosshima

Date, First Survey 27 May

Last Survey 5<sup>th</sup> Nov. 1917

on the Steel Single Screw Steamer "Yamato Maru"

(Number of Volls 20)

Gross 4366

Net 2754

When built 1917-11

er N. Yamashita Built at Imosshima

By whom built The Osaka Iron Works, Ltd

Tons

es made at Osaka

By whom made The Osaka Iron Works, Ltd

when made 1917

made at do

By whom made do

when made do

Power

Owners Nabushiki Kaisha Goto Shokai Port belonging to Amagasaki

as per Section 28

390

Is Refrigerating Machinery fitted for cargo purposes No

Is Electric Light fitted Yes

Description of Engines

Triple Expansion

No. of Cylinders Three

No. of Cranks Three

24:41:67

Length of Stroke 48

Revs. per minute 65

Dia. of Screw shaft

as per rule 13.96

Material of Steel

fitted with a continuous liner the whole length of the stern tube Yes

Is the after end of the liner made water tight

Yes If the liner is in more than one length are the joints burned

If the liner does not fit tightly at the part

in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive

Closely fitted by two

the shaft lapped or protected between the liners

Length of stern bush 5'4"

as per rule 12.46

Dia. of Crank shaft journals

as per rule 13.09

Dia. of Crank pin

13 1/2

Size of Crank webs

8 1/2 x 25

Dia. of thrust shaft under

as fitted 12 3/4

Pitch of Screw

17'0"

No. of Blades 4

State whether moveable No

Total surface

90"

Dia. of screw 17'0"

Stroke 25

Can one be overhauled while the other is at work Yes

Two

Diameter of ditto 4 1/2

Stroke 25

Can one be overhauled while the other is at work Yes

Two

Sizes of Pumps

Bal. 9 1/2 x 12 x 10

No. and size of Suctions connected to both Bilge and Donkey pumps

Well 3 1/2"

2 wings 3 1/2"

Gen. 7 1/2 x 5 1/2 x 6

In Holds, &c.

No. 1 + 2 holds each 3 1/2 cu + 2 - 2 3/4 wings

After hold 2 - 3 1/2 cu + 2 - 2 3/4 wings

Is a separate Donkey Suction fitted in Engine room & size

Yes 3 1/2

Connected to condenser, or to circulating pump

As p

Is a separate Donkey Suction fitted in Engine room & size

Yes 3 1/2

Are the roses in Engine room always accessible

Yes

Are the sluices on Engine room bulkheads always accessible

None

with the sea direct on the skin of the ship

Yes

Are they Valves or Cocks

Larger, valves: Smaller, cocks

Are the Discharge Pipes above or below the deep water line

Above

Are the Blow Off Cocks fitted with a spigot and brass covering plate

Yes

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Yes

How are they protected

Yes

Are the roses in Engine room always accessible

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