

REPORT ON MACHINERY.

Received at London Office

THU. JAN

Writing Report 11th Dec. 1917 When handed in at Local Office 11th Dec. 1917 Port of NAGASAKI.

Survey held at NAGASAKI Date, First Survey 5th Dec. 1916 Last Survey 5th Dec. 1917
 on the s.s. "Jomineira Maru" (Number of Visits 108.)

By whom built Mitsubishi Gosen Kaisha
 Made at Nagasaki By whom made Mitsubishi Gosen Kaisha
 Made at Nagasaki By whom made Mitsubishi Gosen Kaisha
 Rated Horse Power 330 Owners Mitsubishi Gosen Kaisha Port belonging to J
 Horse Power as per Section 28 330 Is Refrigerating Machinery fitted for cargo purposes No. Is Electric Light

INES, &c.—Description of Engines Triple Expansion No. of Cylinders 3
 of Cylinders 23, 38, & 64 Length of Stroke 48" Dia. of Screw shaft 14" 5"
 screw shaft fitted with a continuous liner the whole length of the stern tube No liner fitted Is the after end of the liner
 propeller boss If the liner is in more than one length are the joints burned If the liner does not fit
 in the bearings in the stern tube, is the space charged with a plastic material insoluble in water and non-corrosive

Provisional Certificate of Freeboard Length of stern bush
 of Forward shaft 12.47" Dia. of Crank shaft journals 13" 5" Dia. of Crank pin 12" Size of Crank webs 8" x 19" 5" Dia. of

of Feed pumps 2 Diameter of shaft 4" 3" Stroke 24" Can one be overhauled while the other is at work Yes
 of Bilge pumps 2 Diameter of shaft 4" 3" Stroke 24" Can one be overhauled while the other is at work Yes

of Donkey Engine 3810 lbs. Size of Pumps 2" 2" No. and size of Suctions connected to both Bilge
 of one and 3" 3" No. 24 Hold 2" 3" 3" Tunnel 1" 2" 3"

of Bilge Pumps 2" 2" Connected to condenser, or to circulating pump Pump Is a separate Donkey Suction fitted in Engine room
 Is the left suction pipe fitted with a valve Is the right suction pipe fitted with a valve Are the valves on Engine room bulkheads at

connection with the sea direct on the skin of the ship Are they Valves or Cocks Both
 they fixed sufficiently high on the ship's side to be seen without lifting the stokehold plates Yes Are the Discharge Pipes above or below the deep
 Indian Summer 5" Are the Blow Off Cocks fitted with a spigot and brass cap

pipes are carried through the bunkers 9" 6" below How are they protected With steel
 of Pipes, Cocks, Valves, and Pumps with the chimney and boiler mountings working at all times Yes

the Bilge Suction Pipes, Cocks, and Valves arranged so as to prevent any communication between the sea and the bilges Yes
 the Screw Shaft Tunnel watertight Yes Is it fitted with a watertight door Yes worked from upper deck
 LERS, &c.—(Letter for record S. G. Manufacturers of Boilers)

al Heating Surface of Boilers 4332.4 sq. ft. Is Forced Draft fitted Yes No. and Description of Boilers 2 Single ended
 Working Pressure 200 lbs. Tested by hydraulic pressure to 400 lbs. Date of test 18. 10. 17 No. of Certificate
 each boiler be worked separately Yes Nagasaki 4 Dec. 1917 Area of fire grate in each boiler 32.4 sq. ft. No. and Description

boiler 2 Spring loaded Area of each valve 9.62 sq. in. Pressure to which they are adjusted 205 lbs. Are they fitted with
 least distance between boilers or uptakes and bunkers or woodwork 16" 1/2 Mean dia. of boilers 14" 0" Length 11' 6" Material of shell
 thickness 1 5/16" Range of tensile strength 28632 lbs. Are the shell plates welded or flanged No Descrip. of riveting: cir.

seams 2 straps Diameter of rivet holes in long. seams 1 3/8" Pitch of rivets 9 1/2" x 4 3/4" Lap of plates or width of butt
 percentages of strength of longitudinal joint rivets 88-6 Working pressure of shell by rules 212 lbs. Size of manhole in shell 16"
 of compensating ring 37" x 33" x 1 5/16" No. and Description of Furnaces in each boiler 3 Morrison's Material Steel Outside

length of plain part top 7" Thickness of plates crown 7" Description of longitudinal joint welded No. of strengtheners
 working pressure of furnace by the rules 217 lbs. Combustion chamber plates; Material Steel Thickness: Sides 3/4" Back 3/4" Top 7/8"
 of stays to ditto: Sides 8" x 11" Back 7" x 10 1/2" Top 7" x 11 1/2" If stays are fitted with nuts or riveted heads

material of stays Steel Area at smallest part 2.02 sq. in. Area supported by each stay 81.5 sq. in. Working pressure by rules 222 lbs. End plates
 material Steel Thickness 1 3/4" Pitch of stays 20" x 18" How are stays secured Double nut Working pressure by rules 222 lbs. Material of Front plates at

area at smallest part 7.67 sq. in. Area supported by each stay 360 sq. in. Working pressure by rules 221 lbs. Material of Front plates at