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Date of writing Report 10. 10 1910 When handed in at Local Office 12. 10 1910 Port of Nagasaki  
 No. in Survey held at Nagasaki Date, First Survey Dec 22. 09 Last Survey 10. 6. 1910.  
 Reg. Book. 21-5, on the Twin S.S. Mexico Maru (Number of Visits 133...)  
 Master N. Kobashi Built at Nagasaki By whom built Mitsu Bishi Tons { Gross 6064. Net 3760. When built 1910.  
 Engines made at Nagasaki By whom made " " when made 1910  
 Boilers made at Nagasaki By whom made " " when made 1910  
 Registered Horse Power Owners Osaka Shosen Kaisha Port belonging to Osaka  
 Nom. Horse Power as per Section 28 578 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted Yes

ENGINES, &c.—Description of Engines J.S. Triple Expansion No. of Cylinders Six Size 12.93 12.0 Material of Steel  
 Dia. of Cylinders 19 1/4 32 5/4 Length of Stroke 48 Revs. per minute 85 Dia. of Screw shaft as per rule 13.5 as fitted 13.5 screw shaft) Material of Steel  
 Is the screw shaft fitted with a continuous liner the whole length of the stern tube No Is the after end of the liner made water tight  
 in the propeller boss Yes If the liner is in more than one length are the joints burned If 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 If two  
 liners are fitted, is the shaft lapped or protected between the liners Yes lapped at ends Length of stern bush 5. 3 1/2  
 Dia. of Tunnel shaft as per rule 11.2 as fitted 11.25 Dia. of Crank shaft journals as per rule 11.7 as fitted 12.0 Dia. of Crank pin 12.5 Size of Crank webs 16x8 Dia. of thrust shaft under  
 collars 12 Dia. of screw 14.9 Pitch of Screws 17-9 No. of Blades 4 State whether moveable Yes Total surface 68.4 ft each.  
 No. of Feed pumps 4 Diameter of ditto 3 3/4 Stroke 24 Can one be overhauled while the other is at work Yes  
 No. of Bilge pumps 4 Diameter of ditto 3 3/4 Stroke 24 Can one be overhauled while the other is at work Yes  
 No. of Donkey Engines Three Sizes of Pumps See next page No. and size of Suctions connected to both Bilge and Donkey pumps  
 In Engine Room 3 @ 3 1/2 Boiler Room 2 @ 3 1/2 In Holds, &c. Two 3 1/2 in each hold.  
 One 3 in each Tunnel and one 3 in Tunnel well.  
 No. of Bilge Injections 2 sizes 7 Connected to condenser, or to circulating pump C.P. Is a separate Donkey Suction fitted in Engine room & size Yes. 7  
 Are all the bilge suction pipes fitted with roses Yes Are the roses in Engine room always accessible Yes Are the sluices on Engine room bulkheads always accessible Nil  
 Are all connections with the sea direct on the skin of the ship Yes Are they Valves or Cocks Both valves and cocks.  
 Are 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 water line above  
 Are they each fitted with a Discharge Valve always accessible on the plating of the vessel Yes Are the Blow Off Cocks fitted with a spigot and brass covering plate Yes  
 What pipes are carried through the bunkers Air, Exhaust, Bilge How are they protected Strong wood casings  
 Are all Pipes, Cocks, Valves, and Pumps in connection with the machinery and all boiler mountings accessible at all times Yes  
 Are the Bilge Suction Pipes, Cocks, and Valves arranged so as to prevent any communication between the sea and the bilges Yes  
 Dates of examination of completion of fitting of Sea Connections 29. 6. 10 of Stern Tube 27. 6. 10 Screw shaft and Propeller 2. 6. 10  
 Is the Screw Shaft Tunnel watertight Yes Is it fitted with a watertight door Yes worked from Bridge deck.

BOILERS, &c.—(Letter for record S.) Manufacturers of Steel Beardmores, Frodingham, Hanniel + Luig.  
 Total Heating Surface of Boilers 8344 sq ft Is Forced Draft fitted Yes No. and Description of Boilers Three scotch  
 Working Pressure 200 lbs Tested by hydraulic pressure to 400 lbs Date of test 20. 6. 10 No. of Certificate 44.  
 Can each boiler be worked separately Yes Area of fire grate in each boiler 66 sq ft No. and Description of Safety Valves to  
 each boiler 2 Spring 3 1/2 Area of each valve 9.62 sq ft Pressure to which they are adjusted 205 lbs Are they fitted with easing gear Yes  
 Smallest distance between boilers or uptakes and bunkers or woodwork 1-6 Mean dia. of boilers 15.6 Length 11.9 Material of shell plates Steel  
 Thickness 15/32 Range of tensile strength 28-32 Are the shell plates welded or flanged No Descrip. of riveting: cir. seams 2 R. Lap.  
 long. seams 3 R. 2 straps Diameter of rivet holes in long. seams 1 1/2 Pitch of rivets 10 x 5 Lap of plates or width of butt straps 1-10  
 Per centages of strength of longitudinal joint rivets 90% plate 85% Working pressure of shell by rules 217 lbs Size of manhole in shell 16 x 12  
 Size of compensating ring 37 x 33 x 1/2 No. and Description of Furnaces in each boiler 3. L.F. Bull Material Steel Outside diameter 46 5/16  
 Length of plain part top Nil bottom Nil Thickness of plates crown 21 bottom 32 Description of longitudinal joint Welded No. of strengthening rings  
 Working pressure of furnace by the rules 232 Combustion chamber plates: Material Steel Thickness: Sides 1/16 Back 1/16 Top 1/16 Bottom 7/8  
 Pitch of stays to ditto: Sides 9 x 8 3/4 Back 9 x 8 1/2 Top 9 x 8 1/2 If stays are fitted with nuts or riveted heads No Working pressure by rules 212  
 Material of stays Steel Diameter at smallest part 1 5/8 Area supported by each stay 78 3/4 Working pressure by rules 232 End plates in steam space:  
 Material Steel Thickness 1 9/32 Pitch of stays 20 x 15 1/2 How are stays secured 2N + Ws Working pressure by rules 202 Material of stays Steel  
 Diameter at smallest part 3 3/4 Area supported by each stay 370 Working pressure by rules 229 Material of Front plates at bottom Steel  
 Thickness 3/4 Material of Lower back plate Steel Thickness 27/32 Greatest pitch of stays { 14 1/2 x 9 } Working pressure of plate by rules 270  
 Diameter of tubes 3 Ex Pitch of tubes 4 3/8 x 4 1/8 Material of tube plates Steel Thickness: Front 3/4 Back 3/4 Mean pitch of stays 8 1/2  
 Pitch across wide water spaces 13 1/4 Working pressures by rules 269 lbs Girders to Chamber tops: Material Steel Depth and  
 thickness of girder at centre 12 x 1 3/4 Length as per rule 34 1/6 Distance apart 9 Number and pitch of stays in each 3 @ 8 1/2  
 Working pressure by rules 310 lbs Superheater or Steam chest; how connected to boiler - Can the superheater be shut off and the boiler worked  
 separately - Diameter - Length - Thickness of shell plates - Material - Description of longitudinal joint - Diam. of rivet  
 holes - Pitch of rivets - Working pressure of shell by rules - Diameter of flue - Material of flue plates - Thickness -  
 If stiffened with rings - Distance between rings - Working pressure by rules - End plates: Thickness - How stayed -  
 Working pressure of end plates - Area of safety valves to superheater - Are they fitted with easing gear -

