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Date of writing Report 16th SEPT. 1919 When handed in at Local Office 17th SEPT. 1919 Port of DETROIT MICH. U.S.A.No. in Survey held at DETROIT MICH. Date, First Survey 3rd FEB. 1919 Last Survey 11th SEPT. 1919
Reg. Book. on the STEEL SINGLE SCREW STEAMER "LAKE GITANO" (Number of Visits 83)Master Built at WYANDOTTE MICH. By whom built DETROIT SHIPBUILDING CO. Tons Gross 2606.44
Net 1612
When built 1919

Engines made at DETROIT By whom made DETROIT SHIPBUILDING CO. when made 1919

Boilers made at " By whom made " when made 1919

Registered Horse Power Owners U.S. SHIPPING BOARD EMERGENCY FLEET CORP Port belonging to WYANDOTTE MICH.

Nom. Horse Power as per Section 28 352 Is Refrigerating Machinery fitted for cargo purposes No Is Electric Light fitted YES

ENGINES, &c.—Description of Engines TRIPLE EXPANSION No. of Cylinders 3 No. of Cranks 3
Dia. of Cylinders 21" x 35" x 59" Length of Stroke 42 Revs. per minute 81 Dia. of Screw shaft as per rule 12.28" Material of S
as fitted 12.8" screw shaft
Is the screw shaft fitted with a continuous liner the whole length of the stern tube YES 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 Length of stern bush 51"
Dia. of Tunnel shaft as per rule 10.96" Dia. of Crank shaft journals as per rule 11.2" Dia. of Crank pin 11.5" Size of Crank webs 14" x 7 1/2" Dia. of thrust shaft under
collars 11 5/8" Dia. of screw 15'-0" Pitch of Screw 13'-10" No. of Blades 4 State whether movable No Total surface 61 ft²
No. of Feed pumps 2 Diameter of ditto 10" x 7 1/2" Stroke Can one be overhauled while the other is at work YES
No. of Bilge pumps 2 Diameter of ditto 3 1/2" Stroke 20 Can one be overhauled while the other is at work YES
No. of Donkey Engines 2 Sizes of Pumps 10" x 6" x 10" & 10" x 12" x 12" No. and size of Suctions connected to both Bilge and Donkey pumps
In Engine Room: 3-3" DIA. STROKEHOLD: 2-3" DIA. In Holds, &c. FOREHOLD: 2-3" DIA. AFTERHOLD: 3-3" DIA.
TUNNEL: 1-3" DIA. No. 1 COFFERDAM: 1-3" DIA. No. 2 COFFERDAM: 1-3" DIA.
No. of Bilge Injections 1 size 18" DIA. Connected to condenser, or to circulating pump C. P. Is a separate Donkey Suction fitted in Engine room & size YES 4" DIA.
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
Are all connections with the sea direct on the skin of the ship YES Are they Valves or Cocks BOTH
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 OTHERS 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 NONE How are they protected
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
Is the Screw Shaft Tunnel watertight YES Is it fitted with a watertight door YES worked from UPPER DECK

BOILERS, &c.—(Letter for record R) Manufacturers of Steel CARNEGIE STEEL CO.

Total Heating Surface of Boilers 5467 ft² Is Forced Draft fitted YES No. and Description of Boilers 2 MULTITUBULAR, SINGLE END
Working Pressure 185 Tested by hydraulic pressure to 278 Date of test 5th & 8th MAY 1919 No. of Certificate 276 & 277
Can each boiler be worked separately YES Area of fire grate in each boiler 54.45 ft² No. and Description of Safety Valves to
each boiler 2 SPRING LOADED Area of each valve 9.62 ft² Pressure to which they are adjusted 187 Are they fitted with easing gear YES
Smallest distance between boilers and bunkers 13 1/2" Mean dia. of boilers 14'-6" Length 11'-0" Material of shell plates S
Thickness 3/32" Range of tensile strength 60,000-71,680 Are the shell plates welded or flanged NO Descrip. of riveting: cir. seams L. S. R.
long. seams DBS. T. R. Diameter of rivet holes in long. seams 1 5/16" Pitch of rivets 8 1/2" Lap of plates on width of butt straps 19 3/4"
Per centages of strength of longitudinal joint rivets 88.1 plate 84.6 Working pressure of shell by rules 199.5 Size of manhole in shell 15" x 11"
Size of compensating ring 33" x 33" x 1 1/2" No. and Description of Furnaces in each boiler 3 CORR. Material S Outside diameter 46 1/16"
Length of plain part top Thickness of plates crown 1 5/8" Description of longitudinal joint WELD No. of strengthening rings NONE
bottom Thickness 1 5/8"
Working pressure of furnace by the rules 191 Combustion chamber plates: Material S Thickness: Sides 5/8" Back 5/8" Top 5/8" Bottom 5/8"
Pitch of stays to ditto: Sides 6 5/8" x 6 5/8" Back 6 5/8" x 6 5/8" Top 8" x 7 1/2" If stays are fitted with nuts or riveted heads R. H. Working pressure by rules 211.6
Material of stays IRON Area at smallest part 14 1/4 ft² Area supported by each stay 47.26 ft² Working pressure by rules 187 End plates in steam space:
Material S Thickness 3/32" Pitch of stays 6 5/8" x 15 1/2" How are stays secured D. NUTS Working pressure by rules 207.4 Material of stays S
Area at smallest part 5.41 ft² Area supported by each stay 257.68 ft² Working pressure by rules 218.3 Material of Front plates at bottom S
Thickness 1/16" Material of Lower back plate S Thickness 5/8" Greatest pitch of stays 12 1/2" x 6 5/8" Working pressure of plate by rules 192.6
Diameter of tubes 2 3/4" Pitch of tubes 3 3/4" x 3 3/4" Material of tube plates S Thickness: Front 1/16" Back 1/16" Mean pitch of stays 9 3/8"
Pitch across wide water spaces 13 1/2" DBL Working pressures by rules 190.2 Girders to Chamber tops: Material S Depth and
thickness of girder at centre 8 3/4" x 1 1/2" Length as per rule 30 Distance apart 8 Number and pitch of stays in each 3-7 1/2"
Working pressure by rules 226 Steam dome: description of joint to shell % of strength of joint
Diameter Thickness of shell plates Material Description of longitudinal joint Diam. of rivet holes
Pitch of rivets Working pressure of shell by rules Crown plates Thickness How stayed
SUPERHEATER. Type Date of Approval of Plan Tested by Hydraulic Pressure to
Date of Test Is a Safety Valve fitted to each Section of the Superheater which can be shut off from the Boiler
Diameter of Safety Valve Pressure to which each is adjusted Is Easing Gear fitted

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