

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office

THU JUL 22 1920

State if Report is also sent on the Machinery of the Vessel

Date of completion of report
Survey held at

13th July 1920.
Renfrew

Port of

Glasgow.

Date, First Survey

25. 12. 1919

Last Survey

13th July 1920.

Rig

none.

On the

TONNAGE under

Tonnage Deck

Do. between Tonnage Dk.

and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

Do. of R.C. Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

Navigation Spaces

Register Tonnage

cut on Beam

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CLASS

non-propelling Steel Barge.

for River purposes only.

Breadth (greatest moulded)

Depth, at middle of length from top of keel to top of

upper deck beams at side

Transverse Number

Length on deck from fore part of stem to after part of

stern post

Longitudinal Number

Depth "d," at middle of length (See Secs. 2 & 13)

Proportions—Depths to Length—Upper Deck Beam at

side to top of keel

Long Bridge Deck

Beam at side to top of keel

Destined Voyage

Shipment.

If Surveyed while Building, Afloat, or in Dry Dock

Yes.

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with flat laid
130	0	Moulded	28	0	Top of Floors to top of Upper Dk. Beams	12	7 1/2	one
					Do. do. do. do. Second Dk. Beams			one

Dimensions of Ship per Register, Length	breadth	depth	Moulded depth, ft.	ins.	To Bridge Dk.	Round of Upper
			12	1 1/2	To Upper Dk.	Dk. Beam, Actual

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
NAME, Angles, Bars amidships	4	2 1/2	30	4	2 1/2	30			
Do. in peaks	4	2 1/2	30	4	2 1/2	30			
Bottom frames	2 1/2	2 1/2	30	2 1/2	2 1/2	30			
at intermt. Bks.									
ing of Frames from centre to centre amidships	24			24					
length to Collision bulkhead	24			24					
in peaks	24			24					
VERSE FRAME, Angles									
in way of Double Bottoms at Solid Floors									
at intermt. Bks.									
AMING, depth of girder									
DOORS, depth and thickness of Floor Plate	14		28	14		28			
at mid-line for 1/2 length amidships									
in way of Engine and Boiler Spaces									
thickness at the ends of vessel	24			24					
depth at 1/2 the half breadth, as per Rule									
height extended at the Bilges									
ORS in Coll. Double Bottoms									
state if flanged (top & bottom)									
Spacing of Solid floors									
TRE GIRDER, in Dbl. bottom, dpth. & thknss.									
Angles, Top									
Bottom									
to Floors									
Brackets at intermt. frmg., wdth & thknss									
E GIRDERS, number on each side & thickness									
state if flanged (top and bottom)									
Angles (top and bottom)									
to Floors									
EGIN PLATE, depth (exclusive of flange)									
and thickness									
Angle to Outside Plating									
Floors									
Brackets at intermt. frmg., wdth & thknss									
Height of Outside Brackets above at bilge									
ER BOTTOM PLATING, breadth and									
thickness of Middle Line Strake									
in Engine and Boiler space									
Remainder in Holds									
AMS, Upper Deck, Single Angle, Bulb	4	2 1/2	32	4	2 1/2	32			
Angle, Plate, Tee Bulb, or Channel	4	2 1/2	30	4	2 1/2	30			
In way of Long Bridge Hatchways									
Spacing	24			24					
AMS, Second Deck, Single Angle, Bulb									
Angle, Plate, Tee Bulb, or Channel									
Spacing									
AMS, Third and Fourth Deck, Single Angle, Bulb									
Angle, Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
AMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel									
Angles on upper edge									
Spacing									

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS in Tween Decks, size and spacing	one	2 1/2	28	in aft peak					
" " " " "									
" " " " "									
" " " " "									
KEELSONS & STRINGERS.									
CENTRE LINE KEELSON, Vertical Plate above	17		28	17		28			
floor, Through Plate, or Intercoastal Plate									
Rider Plate	15	3	40	15	3	40			
Flat Plate Keel									
Horizontal Plates on Floors									
Angles or Bulb Angles									
SIDE KEELSONS, Number	one								
Angles on Bulb Angles	5	3	40	5	3	40			
Plate above floors, for									
Intercoastal Plate, for									
Attached to outside Plating with Angle									
BILGE KEELSON, Angles									
Intercoastal Plate for									
Attached to outside Plating with Angle									
SIDE STRINGERS, Number	one								
Angle	5	3	40	5	3	40			
Intercoastal Plate, for									
Attached to outside plating with Angle									
Upper Deck Stringer Plate, br'dth & thickness	5 1/2		30	5 1/2		30			
(clear of Bridge)									
br'dth & thickness									
(in way of Bridge)									
Angle (clear of Bridge)	4 x 3		34	4 x 3		34			
Tie Plate at sides of Hatchways									
Deck * Iron or Steel, for									
Thickness (clear of Bridge)									
(in way of Bridge)									
Wood Deck, Material & thickness									
Second Deck Stringer Plate, br'dth & thickness									
Angles on ditto, No.									
Tie Plates outside Hatchways									
Deck * Iron or Steel, for									
Wood Deck, Material & thickness									
Third Deck Stringer Plate, br'dth & thickness									
Angles on ditto, No.									
Tie Plates, outside Hatchways									
Deck * Material and thickness									
Fourth and Fifth Deck Stringer Plate, br'dth & thickness									
Angles on ditto, No.									
Tie Plates outside Hatchways									
Deck, Material & thickness									
Poop Deck Stringer Plate, br'dth & thickness									
Angle on ditto									
Tie Plates									
Deck, Material and thickness									
Bridge Deck Stringer Plate, br'dth & thickness									
Angle on ditto									
Tie Plates									
Deck, Material and thickness									
Forecastle Deck Stringer Plate, br'dth & thickness									
Angle on ditto									
Tie Plates									
Deck, Material and thickness									

THU JUL 22 1920

WEB FRAMES.				FORGINGS OR CASTINGS.			
WEB FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
brith. & thickness				Flat plate keel			
No. of Side Stringers				Contour plate 38.			
WEB FRAMES, In E. & B. Space, No. and spacing				STERN-POST for Rudder do. do.			
brith. & thickness				for Propeller			
WEB FRAMES, In After Body, No. and spacing				RUDDER-A x D Table 22. Speed			
brith. & thickness				Main-Piece, diameter at head			
No. of Side Stringers				at heel			
Size of Face Angles to Web-Frames				Rudder, how constructed			
BRACKET PLATES to Stringers between Web-Frames, depth and thickness				Thickness of Plates on Single Plate			
BULKHEADS.				Can the Rudder be unshipped afloat?			
W.T. BULKHEADS				Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?			
COLLISION PARTITION				Has the Steel been tested as required by the Rules?			
LONGITUDINAL							
Are the outside Plates doubled two spaces of Frames in length?							
Are the Sluice Valves and Watertight Doors in efficient working order?							
PLATING.				RIVETING.			
AS IN SHIP.				EDGES.			
PER RULE OR AS APPROVED.				BUTTS.			
STRAKES.				Ordinary or Joggled?			
AMIDSHIP.				RIVETS.			
FORWARD.				STRAPS.			
AFT.				IF LAPPED.			
Breadth. Thickness. Thickness. Thickness. Breadth. Thickness.				Single or Double. Breadth of Lap. Diam. Spacing or four. Double or Triple and for what Length. Diam. Spacing on top. Breadth. Thickness. Breadth. For what Length.			
FLAT PLATE KEEL				single 2 1/4 3/8 2 3/8 double 3/8 2 1/4 5 5/8 whole			
GARBOARD OR A STRAKE							
B							
C							
D							
E							
F							
G							
H							
J							
K							
L							
M							
N							
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V							
W							
THICKNESS OF STRIKE (CLEAR OF LONG BRIDGE) DO. OF STRAKE BELOW DECK OF Flat Plate Keel Sheerstrakes Length and thickness							
POOP SIDES							
SHORT BRIDGE SIDES							
FORECASTLE SIDES							
Upper Deck Stringer Plate				Butts, double riveted for full length amidship			
Second Deck Stringer Plate				Butts, riveted for full length amidship			
FRAMES extend in one length from Bilge to upper deck				State if ordinary or joggled			
REVERSED FRAMES on floors and frames extend from Flanged floors on top to form reverse frame				State if ordinary or joggled			
MASTS, SPARS, &c.				RIVETING.			
DIAMETER AND THICKNESS.				No. of Plates in round.			
At Partners. Heel. Hounds. Head.				Number. Size.			
LOWER MASTS							
Mizen							
Bowsprit							
Topmasts, Yards and Remainder of Spars							
Rigging, Material and Size, Shrouds							
Stays							
Sails							

EQUIPMENT No.		LETTER		ANCHORS.		TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS	
Number of Certificate.		Anchors.		WEIGHT, EX. STOCK.		TEST, PER CERTIFICATE.	
1st Bower		2nd		3rd		4th	
Collective weight.		Stream		Kedge			
Particulars of Drop Test of Cast Steel Anchors, viz.:-		Weight, Surveyor's Initials, Number of Certificate, Date of Test.		1st Bower		2nd	
				3rd		4th	
CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.				Length and size supplied.			
Fathoms. Ins.				Tons. Cwts. qrs. lbs.			
Iron Stream Chain of Steel Wire				Hawser & Warps			
Boats				Steering Gear, Steam			
Pumps, Number				Diameter of Barrel			
Windlass is				Capstan			
Engine Room Skylights, How constructed?				What arrangements for deadlights in bad weather?			
Coal Bunker Openings, How constructed?				How are lids secured?			
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.				Cargo Batts, thickness and material			
Ceiling in Holds, thickness and material				Hatches, If strong and efficient?			
Cargo Hatchways, How formed?				No. of Crutches			
State size No. 1 Hatch (Forward)				No. 2 Hatch			
No. 3 Hatch				No. 4 Hatch			
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch				No. of Breasthooks			
Bulwarks, height above deck and description				Main Rail, material and size			
The foregoing is a correct description of the vessel				Builder's Signature			
Builder's Signature				Surveyor's Signature			
Correspondence. State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)							
Workmanship. Are the butts of plating planed or otherwise fitted?							
Is the riveted work properly closed?							
Are the liners between the frames and plates solid single pieces?							
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?							
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces?							
Do any rivets break into or through the seams or butts of the plating?							
Are the butts of Plating, Stringers, &c., properly shifted and strapped?							
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?							
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?							
General Remarks (State quality of workmanship, &c.)							
The vessel has been erected in accordance with the plans approved. The materials and workmanship are of good quality. The approved midship section profile, also Pumping plan and one forging Certificate are forwarded herewith. A copy of midship section is enclosed herewith for filing with report. Please return approved plans for reference in dealing with this vessel No. 858. This vessel is a duplicate of the same hulls No. 856. Glasgow Report No. 39430 and has been shipped in pieces to MINATITLAN, PUERTO, MEXICO, and it is the worst intention to have come re-erected and riveted for River purposes at that Port. The Glass mentioned above is subject to the vessel being properly erected and riveted. A list of riveting work already done is furnished with this Report.							
The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans to be forwarded with F.E. Report showing vessel as built.							
The amount of Entry Fee							
Special Survey Fee							
Travelling Expenses, if any							
State whether the Vessel has been built under Special Survey							
I am of opinion this Vessel should be Classed							
With, or without Freeboard, as condition of Class							
Committee's Minute							
Character assigned							
GLASGOW 21 JUL 1920							
TUE. 12 JUL. 1921							
Barge for being towed for river purposes only							

W1302-01512/2

Note:- *Everything already completed.*

Floors complete
Bottom frames to floors.
Intersectal connections to floors.
Beam Knee & Floor brackets to side frames.
Lugs at Hatch to Beams.
Deck doublings under bollards only - to deck.
Side stringer brackets to stringers.
Hatch girder angles to Girders.
--- Corner --- to ---
--- deck bracket connections to deck & hatch.
Stringer lugs to side frames.
Doublings in way of mooring pipes to Bulwark plating
Web frames & bracket connections.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *ft.*, R.Q.D. *ft.*, Bridge *ft.*, Forecastle *ft.*
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) *1 deck (steel)*

Official No. ; Signal Letters

State if Machinery is fitted aft

How are the surfaces preserved from oxidation? Inside *Paint*

Outside *none paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors.

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules.

Order for Special Survey No. *5348*

Date *3. 3. 20.*

No. *852* in builder's yard.

DAYS of Surveys held while building

1919 Dec 25. 1920 Jan 12. 22. Feb 9. 20. 24. Mar 11. 14. 8. 17. 23. 31. Apr 8. 13. May 8. 19. 14. 22. June 1. 23. July 5. 13.

Surveyor's Signature

H. Macleod.

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 Total No. of Visits *21*

Lloyd's Register
 Foundation

RE

Date of writing

No. in Reg. Book.

TONNAGE

GROSS

UNDER DECK

NET

Surveyed

WB=Cell

total capacity

N.B.—All

If the V

of the tanks ex

girders, and of

Last R

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REPAIRS, O