

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office

TUE 26 JUN. 1917

REC'D NEW YORK

June 4 1917

Date of completion of report 1ST JUNE 1917.

Port of DETROIT, MICH.

No. 43.

Survey held at TOLEDO, OHIO.

Date, First Survey 15TH MARCH 1916Last Survey 29TH MAY 1917.

On the (State if Single, Twin, or Triple Screw)

STEEL SINGLE SCREW STEAMER "HORACE S. WILKINSON"

Rig SCHOONER.

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk.
Total under Upper Dk.
Do. of Poop...
Do. of R.Q.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 8338
Less Crew Space
Less above Crown of Engine Room...
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces

CLASS $\times 100$ A FOR SERVICE FEET.
ON THE GREAT LAKES
Breadth (greatest moulded)... 60.0
Depth, at middle of length from top of keel to top of upper deck beams at side... 32.0
Transverse Number... 92.0
Length on deck from fore part of stem to after part of PROPELLER post... 581.6
Longitudinal Number... 53507
Depth "d," at middle of length (See Secs. 2 & 13)... 15.33
Proportions—Depths to Length—Upper Deck Beam at side to top of keel... 18.18
" " Long Bridge Deck Beam at side to top of keel

Master R. J. LYONS.
Year of appointment (1) As Master in service of owner of present vessel—1917
(2) As Master of this vessel—1917
Built at TOLEDO, OHIO, U.S.A.
When built 1917 Launched 21ST APRIL 1917
By whom built TOLEDO SHIPBUILDING COMPANY
Owners GREAT LAKES STEAMSHIP CO.
Managers (Where necessary to be entered in Reg. Book.)
Residence
Port belonging to OSWEGO, N.Y.

Register Tonnage as cut on Beam 6879.

Destined Voyage GREAT LAKES

If Surveyed while Building, Afloat, or in Dry Dock YES

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
581	8		60	0		27	15		ONE	ONE
Dimensions of Ship per Register, Length 588.3 breadth 60.0 depth 27.0										
Moulded depth, ft. 32 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 13 1/2 ins.										
Moulded depth, ft. 32 ins. 0 To Upper Dk. Dk. Beam, Actual										
FRAMING.										
FRAME, Angles, or Bars amidships	10	3 1/2	27.2	10	3 1/2	27.2				
Do. in peaks	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8				
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8				
" " at intermdt. Bkts.	10	3 1/2	27.2	10	3 1/2	27.2				
g of Frames from centre to centre amidships	36			36						
" " length to Collision bulkhead	36			36						
" " in peaks	36			36						
ERSED FRAME, Angles, N.A. PEAK	3 1/2	3 1/2	8.5	3 1/2	3 1/2	8.5				
in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8				
" " at intermdt. Bkts.	7	3.3	16.5	7	3.3	16.5				
ING, depth of girder	10			10						
ERS, depth and thickness of Floor Plate at mid line for length amidships	72		16.0	72		16.0				
in way of Engine and Boiler Spaces	72		16.0	72		16.0				
thickness at the ends of vessel	72		16.0	72		16.0				
depth at 1/2 the half breadth, as per Rule	72		16.0	72		16.0				
height extended at the Bilges	72		16.0	72		16.0				
ORS in Cell. Double Bottoms	72		16.0	72		16.0				
state if flanged (top & bottom)	72		16.0	72		16.0				
Spacing of Solid floors	72		16.0	72		16.0				
IRE GIRDER, in Dbl. bottom, dpth. & thcknss.	72		23.0	72		23.0				
" Angles, Top	3 1/2	3 1/2	11.1	3 1/2	3 1/2	11.1				
" " Bottom	5	5	18.1	5	5	18.1				
" " to Floors	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8				
Brackets at intermdt. frmg., wdth & thcknss	30		16.0	30		16.0				
E GIRDERS, number on each side & thickness	Two		16.0	Two		16.0				
" state if flanged (top and bottom)	No			No						
" Angles (top and bottom)	3 1/2	3 1/2	9.8	3 1/2	3 1/2	9.8				
" " to Floors	3 1/2	3 1/2	8.5	3 1/2	3 1/2	8.5				
GIN PLATE, depth (exclusive of flange) and thickness	6 1/2		16.0	6 1/2		16.0				
" Angle to Outside Plating	5	5	12.3	5	5	12.3				
" " Floors	3 1/2	3 1/2	8.5	3 1/2	3 1/2	8.5				
Brackets at intermdt. frmg., wdth & thcknss	30		16.0	30		16.0				
Height of Outside Brackets above at bilge	81		16.0	81		16.0				
R BOTTOM PLATING, breadth and thickness of Middle Line Strake	60		24.0	60		24.0				
" " in Engine and Boiler space	20.0			20.0						
" " Remainder in Holds	24.0			24.0						
IS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2 x 3 1/2		8.5	3 1/2	3 1/2	8.5				
In way of Long Bridge	7 x 3 1/2		19.1	7	3 1/2	19.1				
Spacing	12.0			12.0						
IS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2 x 3 1/2		8.5	3 1/2	3 1/2	8.5				
Spacing	36			36						
IS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2 x 3 1/2		8.5	3 1/2	3 1/2	8.5				
Angles on upper edge	3 1/2			3 1/2						
Spacing	12.0			12.0						
IS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2 x 3 1/2		8.5	3 1/2	3 1/2	8.5				
Angles on upper edge	3 1/2			3 1/2						
Spacing	12.0			12.0						
IS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2 x 3 1/2		8.5	3 1/2	3 1/2	8.5				
Angles on upper edge	3 1/2			3 1/2						
Spacing	12.0			12.0						
IS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	3 1/2 x 3 1/2		8.5	3 1/2	3 1/2	8.5				
Angles on upper edge	3 1/2			3 1/2						
Spacing	12.0			12.0						
ON ALTERNATE FRAMES										
PILLARS.										
PILLARS, In 'tween Deck, size and spacing										
" " Hold										
" " Quarter 'tween Dks.,										
" " in Hold										
KEELSONS & STRINGERS.										
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate										
" Rider Plate										
" Flat Plate Keel Angles										
" Horizontal Plates on Floors										
" Angles or Bulb Angles										
SIDE KEELSONS, Number										
" Angles or Bulb Angles										
" Plate above floors, for length										
" Intercoastal Plate, for length										
" Attached to outside Plating with Angle										
BILGE KEELSON, Angles										
" Intercoastal Plate for length										
" Attached to outside Plating with Angle										
SIDE STRINGERS, Number TWO										
" " Angle										
" Intercoastal Plate, for WHOLE length										
" Attached to outside plating with Angle										
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	72		16.0	72		16.0				
AUXILIARY " " br'dth & thickness (in way of Bridge)	60		15.0	60		15.0				
" " Angle (clear of Bridge)	8 x 8		51.0	8 x 8		51.0				
" " Tie Plate at sides of Hatchways										
" Deck * Iron or Steel, for WHOLE lng.										
" " Thickness (clear of Bridge)	BETWEEN		20.0			20.0				
" " (in way of Bridge)	HATCHES									
" Wood Deck, Material & thickness										
Second Deck Stringer Plate, br'dth & thickness	70 1/2		16.0	70 1/2		16.0				
" Angles on ditto, No. ONE	3 1/2 x 3 1/2		8.5	3 1/2 x 3 1/2		8.5				
" Tie Plates outside Hatchways										
" Deck * Iron or Steel, for AT ENDS lng.										
" 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, breadth & thickness										
" " Angles on ditto, No.										
" " Tie Plates outside Hatchways										
" " Deck, Material & thickness										
Poop Deck Stringer Plate, breadth & 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	3 x 3		7.2	3 x 3		7.2				
" Tie Plates										
" Deck, Material and thickness	STEEL		11.0			11.0				

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

006028-006038-0223 1/2

WEB FRAMES.				Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.									
WEB-FRAMES, In Fore Body, No. and spacing				12'-0" APART	12'-0" APART			KEEL, Bar, depth and thickness												
" " " " brdth. & thickness				72" 16-0 LBS	72" 16-0 LBS			STEM, moulding and thickness		11 x 3 1/4	11 x 3 1/4									
" " " " No. of Side Stringers				TWO 13 1/2 x 15-0 LBS	TWO 13 1/2 x 15-0 LBS			STERN-POST for Rudder do. do ABOVE BOSS		11 x 6	11 x 6									
WEB-FRAMES, In E. & B. Space, No. & spacing				FOUR 12'-0" 8'-0"	FOUR 12'-0" 8'-0"			" for Propeller ... BELOW BOSS		11 x 7	11 x 7									
" " " " brdth. & thickness				30" 16-0 LBS	30" 16-0 LBS			RUDDER-A x D* Table 22. Speed												
WEB-FRAMES, In After Body, No. and spacing								" Main-Piece, diameter at head		17 x 13 1/2	17 x 13									
" " " " brdth. & thickness								" " " at heel		17 x 6 1/2	17 x 6 1/2									
" " " " No. of Side Stringers								RUDDER, how constructed		FORGED SCRAP IRON.										
STAYS, Size of Face Angles to Web-Frames				3 1/2 x 3 1/2 x 9-8 SINGLE IN SIDE TANKS 4 x 4 x 12-8 DOUBLE IN E & B SPACE				Thickness of Plates or Single Plate		20-0 LBS										
BRACKET PLATES to Stringers between Web Frames, depth and thickness				12 x 3 x 25-0 LBS IN SIDE TANKS 7 x 3 1/2 x 15-0 " IN TWEEN DKS.				Can the Rudder be unshipped afloat?		YES										
BULKHEADS.				Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.											
Vessel.				Per Rule.	LBS.	Horizontal.	Vertical.													
Size.				Spacing.	Inches.	Inches.	Inches.													
W.T.BULKHEADS				3	3															
AFTER PEAK					15-0	7 x 3 1/2 x 20-9		30 5-6 x 18-1	M.D.K.											
No 176					15-0-12-0	10 x 3 1/2 x 30-0		28 1/2	U.D.K.											
" COLLISION "					15-0-12-0	6 x 3 1/2 x 11-7		7 x 3 1/2 x 20-9	U.D.K.											
PARTITION "				No 66, 102, 138.	13-0	6 x 3 1/2 x 15-0		28 1/2	BETWEEN SIDE TANKS											
LONGITUDINAL "				No 30.	15-0-12-0	10 x 3 1/2 x 30-0		28 1/2	5 x 5-18-1											
				No 184.	13-0	10 x 3 1/2 x 30-0		28 1/2	3 1/2 x 3 1/2 x 9-8											
				No 196.	15-0-12-0	10 x 3 1/2 x 30-0		27 3/2 x 3 1/2 x 9-8												
Are the outside Plates doubled two spaces of Frames in length? No																				
Are the Stairs Valves and Watertight Doors in efficient working order? YES.																				
Has the Steel been tested as required by the Rules? YES.																				
PLATING.						RIVETING.														
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES, Ordinary or jogged?		BUTTS.										
		AMIDSHIP.		FORWARD.		AFT.				Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.				
		Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Single or Double.	Breadth of Lap.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
		Inches.	Inches.	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Feet.	
FLAT PLATE KEEL.....		48	140-0	140-0	140-0	48	140-0		DOUBLE	6 3/4	1 1/8	1 1/2	QUAD 3/8 L	1 1/8	1 1/2			16	5 1/2 L.	
(U Bar Keel, state Riveting.)																				
GARBOARD or A Strake		9 1/2	28-5	28-5	28-5		28-5		"	6	1	1 1/4	"	1	1 1/4			14	"	
State actual thickness in way of Double Bottom.		B	"	26-0	20-0	20-0	26-0		"	5 1/4	7/8	3 1/2	"	3/4 L	7/8	3 1/2			12	3 1/4 L
C		8 1/2	"	"	"	"	"		"	6	1	1 1/4	"	"	"	"			"	"
D		80	32-0	"	"	"	32-0		"	"	"	3 1/2	"	"	1	1 1/4			14	"
E		85	"	"	"	"	"		TREBLE	9	"	"	"	"	"	"			"	"
F		79	26-0	19-0	19-0		26-0		DOUBLE	5 1/4	7/8	3 1/4	"	"	7/8	3 1/2			12	"
G		"	"	"	"	"	"		"	6	1	3 1/2	"	"	"	"			"	"
H		88	35-5	"	"	"	35-5		TREBLE	12	1 1/8	1 1/4	"	"	1	1 1/4			14	"
SHEER STRAKE		89	43-0	"	"	87	43-0						"	3/8 L	1 1/8	1 1/2	28 3/4	7/16 OUTER. 66 INNER.		
K																				
L																				
M																				
N																				
O																				
P																				
Q																				
R																				
S																				
T																				
U																				
V																				
W																				
THICKNESS OF STRAKES																				
CLEAR OF LONG BRIDGE																				
DO. OF STRAKE BELOW																				
DO. OF Flat Plate Keel																				
" Sheerstrakes																				
Length and thickness.																				
POOR SIDES.....																				
SHORT BRIDGE SIDES.....																				
FORECASTLE SIDES.....				12-5		12-5		SINGLE	2 1/2	3/4	2 3/4	DOUBLE	3/4	2 5/8	11	15-0 LBS.				
Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.																				
Upper Deck Stringer Plate		Butts, TREBLE riveted for		WHOLE		length amidship.		Butts of Side Stringers		riveted.										
		Straps, single, double or overlapped for		3/4		length amidship.		" Tie Plates		riveted.										
Second Deck Stringer Plate		Butts, DOUBLE riveted for		WHOLE		length amidship.		Inner Bottom Plating, riveting of Edges		DOUBLE		Butts TREBLE & DOUBLE								
		Straps, single or overlapped for		WHOLE		length amidship.		Centre Girder Butts, TREBLE riveted.		Keelson Butts,		riveted.								
								Frames, riveted through Plates with		1 1/8 x 3/8 in.		Rivets, about 7" to 4 1/2" apart.								
								Rivets, state whether Iron or Steel		STEEL										
FRAMES extend in one length from CENTRE LINE TO SIDE TANK DIVISION & FROM UPPER TURN OF BILGE TO M.D.K. THENCE TO GUNWALE.												State if ordinary or jogged ORDINARY.								
REVERSED FRAMES on floors and frames extend from CENTRE LINE TO SIDE TANK DIVISION.																				
CHANNEL FRAMES.												State if ordinary or jogged ORDINARY.								
MASTS, SPARS, &c.																				
		Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.									
				At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.								
LOWER MASTS.....		Fore	STEEL	56'-0"	16 x 12 1/2 LBS	16 x 12 1/2 LBS	6 x 10 LBS	3 1/2 x 5 LBS	ONE	1	1	SINGLE	TREBLE & DOUBLE							
		Main	"	"	"	"	"	"	"	"	"	"	"							
		Mizen	"	"	"	"	"	"	"	"	"	"	"							
Bowsprit																				
Topmasts, Yards and Remainder of Spars																				
Rigging, Material and Size, Shrouds		2 1/4" S.W. & 5/8" DIA RODS.						Stays		2" S.W.										
Sails.		NONE						Sails, and the following spare sails												

EQUIPMENT NO.			LETTER			ANCHORS.			TONNAGE U. D. K. OR PLATING No. FOR TRAWLERS		
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.	WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.		
		Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwt. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.
	1st Bower ...	8000 LBS									
	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.										HAWSERS AND WARPS.							
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Length and Size per Table 31.		Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire Towline.	Length and Size per Table 31.	
	Length.	Diam.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
	180	2 1/4										TOWLINE	120	6	5 N.		
												HAWSERS & WARPS	525	3 1/2	5 N.		
Iron Stream Chain or Steel Wire		Cir.						Cir.				" "					
												" "					

Boats *TWO LIFEBOATS 22'-0" ONE GIG 18'-0"* **Steering Gear, Steam** *BY TOLEDO S. B. Co.* **Steering Gear, Hand** *BY TOLEDO S. B. Co.*
Pumps, Number *TWO* **Diameter of Barrel** *4 1/2"* **State whether they are in efficient working order** *YES.*
Windlass is *STEAM BY HYDE WINDLASS Co.* **Capstan** *NONE.*
Engine Room Skylights.—How constructed? *STEEL PLATES & ANGLES* What arrangements for deadlights in bad weather? *STEEL FLAPS WITH BULLS EYES.*
Coal Bunker Openings.—How constructed? *STEEL PLATES & ANGLES* How are lids secured? *STEEL COVERS* Height above deck? *7'-6"*
Number of Scuppers, and numbers and dimensions of **Freeing Ports, &c.** *15 SCUPPERS EACH SIDE. OPEN RAILS.*
Ceiling in Holds, thickness and material *NONE* **Cargo Battens,** thickness and material *NONE*
Cargo Hatchways.—How formed? *STEEL PLATES & ANGLES* **Hatches,** If strong and efficient? *STEEL COVERS*
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 35 HATCHWAYS 9'-0" x 41'-0" x 16" COAMINGS.*
No. of Breasthooks *THREE* **No. of Crutches** *DEEP FLOORS*
Bulwarks, height above deck and description *THE TOLEDO SHIPBUILDING CO.,* **Main Rail,** material and size *WIRE ROPE THRO' STANCHIONS.*
The foregoing is a correct description.
Builder's Signature (here only) *E. J. Brand* **Surveyor's Signature** *E. J. Brand*
Vice Pres. & Genl. Mgr. *Surveyor to Lloyd's Register of Shipping.*

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made in any correspondence connected with the case*)
N. Y. K. 29-5-16.

Workmanship. Are the butts of plating planed or otherwise fitted? *PLANED WHERE PRACTICABLE*
 Is the riveted work properly closed? *YES.*
 Are the liners between the frames and plates solid single pieces? *YES.* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *YES.* Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *YES.* Do any rivets break into or through the seams or butts of the plating? *A FEW.*
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? *YES.*
 Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *YES* State results of tests *SATISFACTORY.*
 Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *YES.* State results of tests *SATISFACTORY.*

General Remarks (State quality of workmanship, &c.) *This vessel has been built in accordance with the Rules and approved plans.*
The quality of material and workmanship is good.

The vessel sustained damage when launching, see Repair Report attached.

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 \$ 25 : 00 :
 Special Survey Fee.... \$ 1167 : 00 :
 Travelling Expenses, if any \$ 98 : 50 :
(N.Y.K. \$ 8.50 DET \$ 78.00 (L.O. \$ 2.00)
 State whether the Vessel has been built under Special Survey *YES.*

Fees applied for,
 19.
 Received by me.
 11, 6 1917

Certificate to be sent to *DETROIT, MICH.* Date of issue *6 MAY 9/17.*

I am of opinion this Vessel should be Classed *100 A* *FOR SERVICE ON THE GREAT LAKES.*
 With, or without Freeboard, as condition of Class *✓*

E. J. Brand.
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute *New York JUN 5 1917*
Character assigned *+ 100 A- For service on the Great Lakes*
+ Limb 5.17
note 3D. *subject h.*

The Surveyors are requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(continued).

Rpt.

Date of

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle 61.0
(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 should appear in the Register Book) ONE DECK STEEL & WEB FRAMES.
Official No. 215122; Signal Letters ☒ State if Machinery is fitted aft MCHY AFT.
How are the surfaces preserved from oxidation? Inside BY PAINT. Outside BY PAINT.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, & FORWARD IN HOLDS.	<u>474.0</u>	<u>3732</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>54.0</u>	<u>228</u>	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, <u>HOPPER SIDE TANKS</u>	<u>438</u>	<u>286</u>
			(If necessary, furnish further information by sketch.)		
			State whether the above have been tested as required by the Rules	<u>YES</u>	

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

Order for Special Survey No. 57.020

Date 26TH JAN 1916

No. 137 in builder's yard.

DATES of Surveys held while building

1916 - MAR 15, MAY 5, 11, 25, JUNE 7, 21, JULY 7, 20, AUG 3, 14, SEP 1, 12, 29, OCT 6, 16, 20, NOV 6, 16, 20, DEC 5, 15, 21, 1917 - JAN 3, 9, 16, 23, 30, FEB 7, 14, 22, 28, MAR 6, 14, 20, 26, APR 2, 13, 18, 25, MAY 1, 10, 18, 28, 29.

Total No. of Visits 44

Surveyor's Signature

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