

With ~~or Without~~
Disconnected Erections.

STEEL STEAMER.

Received at London Office THU. 4 AUG. 1921

Date of completion of report 27 August
Survey held at Cardiff

Port of Cardiff
Date, First Survey 16 July
Last Survey 29 July 1921

No. 2499
Rig Schooner
No. of Vents 12

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

CLASS

FEET.

Master

Year of appointment (1) As Master in service of owner of present vessel, 19
(2) As Master of this vessel, 19

Built at Schiedamschen

When built 1918 Launched ✓

By whom built N.V. Schips "De Maas"

Owners Thomas Murray (Queenstown) Ltd

Managers P. O'Regan
(Where necessary to be entered in Reg. Book.)

Residence

Port belonging to Cork.

TONNAGE under Tonnage Deck...	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	338.30
Do. of Poop.	56.88
Do. of R.Q.Dk.	
Do. of Bridge House	16.19
Do. of Forecastle	20.00
Do. of Houses on Dk.	6.02
Do. of excess of Hatchways	19.19
Do. above Crown of Engine Room	
Gross Tonnage	456.58
Less Crew Space	55.43
Less above Crown of Engine Room	36.21
TONNAGE FOR FEES.	364.94
Less Engine Room	146.11
Less Navigation Spaces	81.33

Breadth (greatest moulded)	24.94
Depth, at middle of length from top of keel to top of upper deck beams at side	12.66
Transverse Number	37.60
Length on deck from fore part of stem to after part of stern post	154.60
Longitudinal Number	5813
Depth "d," at middle of length (See Secs. 2 & 13)	10.2
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12.21
" " Long Bridge Deck Beam at side to top of keel	✓

Destined Voyage Cork

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	154	7 1/2	BREADTH Moulded	24	11 1/4	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	10	8	No. of Decks with flat laid	One
						Do. do. do. do. Second Dk. Beams			No. of Tiers of Beams	None

Dimensions of Ship per Register, Length 154.8 breadth 25.1 depth 10.3 Moulded depth, ft. 19 ins. 8 To Bridge Dk. Round of Upper 6 ins. Moulded depth, ft. 12 ins. 8 To Upper Dk. Dk. Beam, Actual

FRAMING.				PILLARS.				Inches in Ship.		Inches Spacing in Ship.		Inches per Rule Or as		Inches per Rule Approved.	
FRAME, Angles, E or L Bars amidships	5 1/2	2 5/8	.38	PILLARS In 'tween Deck, size and spacing	6" Tubular										
Do. in peaks	2 1/2	2 1/2	.31	" " Hold	" "										
Do. in way of Double Bottoms at Solid Floors	2 3/8	2 3/8	.27	" " Quarter 'tween Dks.,	" "										
" " " at intermdt. Bkts.	4	2 3/4	.28	" " in Hold	" "										
Spacing of Frames from centre to centre amidships	21.3			KEELSONS & STRINGERS.											
" " " from 1/2 length to Collision bulkhead	"			CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate											
" " " in peaks	"			" Rider Plate											
REVERSED FRAME, Angles	See above			" Flat Plate Keel Angles											
Do. in way of Double Bottoms at Solid Floors	2 3/8	2 3/8	.27	" Horizontal Plates on Floors											
" " " at intermdt. Bkts.	4	2 3/4	.28	" Angles or Bulb Angles											
FRAMING, depth of girder	5 1/2	4 1/2	.38	SIDE KEELSONS, Number											
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				" Angles or Bulb Angles											
" in way of Engine and Boiler Spaces				" Plate above floors, for length											
" thickness at the ends of vessel				" Intercoastal Plate, for length											
" depth at 1/2 the half breadth, as per Rule				" Attached to outside Plating with Angle											
" height extended at the Bilges				BILGE KEELSON, Angles											
FLOORS in Cell, Double Bottoms				" Intercoastal Plate for length											
" state if flanged (top & bottom)	Not flanged			" Attached to outside Plating with Angle											
" Spacing of Solid floors	21.3 (40) + 55	42.6	.35	Painting SIDE STRINGERS, Number One											
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	30	35	(36 x 36 in E.S)	" " Angle	4	3	.31								
" " Angles, Top	3	3	.295	" Intercoastal Plate, for 101 length			.31								
" " Bottom	3 1/8	2 3/8	.31	" Attached to outside plating with Angle	2 1/2	2 1/2	.31								
" " to Floors	2 3/8	2 3/8	.275	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	35	38									
" Brackets at intermdt. frmg., wdth & thknss	15	.27		" " " br'dth & thickness (in way of Bridge)	"	"									
SIDE GIRDERS, number on each side & thickness	One	.27	(35 in E.S)	" " Angle (clear of Bridge)	3 x 3	.31									
" " state if flanged (top and bottom)	Not flanged			" Tie Plate at sides of Hatchways											
" " Angles (top and bottom)	2 3/8	2 3/8	.27	Deck * Iron or Steel, for full lng.			.31								
" " to Floors	"	"		" Thickness (clear of Bridge)			.31								
MARGIN PLATE, depth (exclusive of flange) and thickness	26	.30		" (in way of Bridge)			.31								
" " Angle to Outside Plating	3	3	.295	Wood Deck, Material & thickness	None										
" " Floors	2 3/8	2 3/8	.27	Second Deck Stringer Plate, br'dth & thickness											
" Brackets at intermdt. frmg., wdth & thknss	10 1/2	12 1/2	.275	" Angles on ditto, No.											
" Height of Outside Brackets above at bilge	9			" Tie Plates outside Hatchways											
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	39	.35	(45 in E.S)	Deck * Iron or Steel, for lng.											
" " in Engine and Boiler space	E = 31 B = 37			" Thickness (clear of Bridge)											
" " Remainder in Holds	.28			" (in way of Bridge)											
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 3/4	2 3/4	.38	Wood Deck, Material & thickness											
" " in way of Long Bridge	"	"	"	Third Deck Stringer Plate, br'dth & thickness											
" Spacing	21.3			" Angles on ditto, No.											
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				" Tie Plates, outside Hatchways											
" " Spacing				Deck * Material and thickness											
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel				Fourth and Fifth Deck Stringer Plate, breadth & thickness											
" " Angles on upper edge				" " Angles on ditto, No.											
" Spacing				" " Tie Plates outside Hatchways											
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	4 3/4	3	.38	" " Deck, Material & thickness											
" " Angles on upper edge	None			Poop Deck Stringer Plate, breadth & thickness											
" Spacing	42.6			" Angle on ditto	21	30									
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/8	2 1/2	.35	" Tie Plates	2 1/2 x 2 1/2	.35									
" " Angles on upper edge	None			" Deck, Material and thickness	Steel	.20									
" Spacing	42.6			Bridge Deck Stringer Plate, br'dth & thickness	36	.38									
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5	.31		" Angle on ditto	3 x 2 1/2	.25									
" " Angles on upper edge	2 1/2	2 1/2	.25	" Tie Plates											
" Spacing	21.3			" Deck, Material and thickness	Steel	.20	minutes with 2 1/2 p.p.								
				Forecastle Deck Stringer Plate, br'dth & th'kns	24	.35									
				" Angle on ditto	2 1/2 x 2 1/2	.31									
				" Tie Plates											
				" Deck, Material and thickness	Steel	.25	minutes with 2 1/2 p.p.								

* If Iron or Steel Deck, state if whole or part, and if Wood Deck to state the wood.

Lloyd's Register
Foundation

W563 0035 1/2

see Secretary's letter to Queenstown Surveyor, dated 1st July 1921

WEB FRAMES.				FORGINGS or CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB-FRAMES, In Fore Body, No. and spacing brth. & thickness				KEEL, Bar, depth and thickness			
No. of Side Stringers				STEM, moulding and thickness			
WEB-FRAMES, In E. & B. Space, No. and spacing brth. & thickness				STERN-POST for Rudder do. do.			
WEB-FRAMES, In After Body, No. and spacing brth. & thickness				" for Propeller			
No. of Side Stringers				RUDDER-A x D Table 22. Speed			
Size of Face Angles to Web-Frames				Main-Piece, diameter at head			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				" at heel			
BULKHEADS.				RUDDER, how constructed			
Number, Vessel, Per Rule, Thickness, Horizontal, Vertical, Single or Double Frames, Height up, state deck.				Thickness of Plates or Single Plate			
W.T. BULKHEADS				Can the Rudder be unshipped afloat?			
After peak				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.			
Engine Room Bulk.				Are the outside Plates doubled two spaces of Frames in length?			
" COLLISION PARTITION				Are the Staircase Valves and Watertight Doors in efficient working order?			
LONGITUDINAL				Has the Steel been tested as required by the Rules?			
PLATING.				RIVETING.			
AS IN SHIP.				PER RULE OR AS APPROVED.			
STRAKES.				EDGES.			
Breadth, Thickness, Thickness, Thickness, Breadth, Thickness.				Single or Double, Breadth of Lap, Diam. Spacing or to center, Rivets, Double or Triple and for what Length, Rivets, Straps, If Lapped, For what Length.			
FLAT PLATE KEEL				Double			
GARBOARD OF A STRAKE				Single			
State actual thickness in way of Double Bottom.				Double			
Sheerstrake				Double			
Bulkhead				Double			
Bridge Deck				Double			
J				Double			
K				Double			
L				Double			
M				Double			
N				Double			
O				Double			
P				Double			
Q				Double			
R				Double			
S				Double			
T				Double			
U				Double			
V				Double			
W				Double			
THICKNESS OF SHEERSTRAKE CLEAR OF LONG BRIDGE				Double			
DO. OF STRAKE BELOW				Double			
DECK OF FLAT PLATE KEEL				Double			
Sheerstrakes				Double			
Length and thickness				Double			
POOP SIDES				Double			
SHORT BRIDGE SIDES				Double			
FORECASTLE SIDES				Double			
Upper Deck				Butts, riveted for			
Stringer Plate				Butts, riveted for			
Second Deck				Butts, riveted for			
Stringer Plate				Butts, riveted for			
FRAMES extend in one length from				State if ordinary or jogged			
REVERSED FRAMES on frames extend from				State if ordinary or jogged			
MASTS, SPARS, &c.				RIVETING.			
Material, Total Length, Diameter and Thickness, At Partners, Heel, Round, Head, No. of Plates in round, Number, Size, Seams, Butts.				Lower Masts, Fore, Main, Mizzen, Bowprit, Topmasts, Yards and Remainder of Spars, Rigging, Material and Size, Shrouds, Stays, Sails, Suit of, Sails, and the following spare sails			

EQUIPMENT No.		LETTER		ANCHORS.		TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS	
Number of Certificate.		Weight, Ex. Stock		Weight of Stock		Test, Per Certificate	
3307		1st Bower		13 0 12		15-02	
3308		2nd		12 1 21		14-92	
3305		3rd		None			
3306		4th		None			
3305		Stream		3 2 4		15-54	
3306		Kedge		3 2 4		15-54	
Particulars of Drop Test of Cast Steel Anchors, viz.:		1st Bower		2nd		3rd	
Weight, Surveyor's Initials, Number of Certificate, Date of Test.		2nd		3rd		4th	
CHAIN CABLES.		HAWSEERS AND WARPS.		Description of Anchor.		Makers.	
Number of Certificate.		Length and size supplied.		Test per Certificate.		Weight required by Table 31.	
3304		180 1/2 1 1/8		13-47 35-19		4 1/2 95-10 9	
Iron Stream		90 3/4		60 2 3/4		60 2 3/4	
Boats		2 to 13. 10. 4. requirements		Steering Gear, Steam		Steering Gear, Hand	
Pumps, Number		4		Diameter of Barrel		State whether they are in efficient working order	
Windlass is		by steam, fitted on forecater		Capstan		by steam, fitted on poop	
Engine Room Skylights		How constructed? Steel throughout		What arrangements for deadlights in bad weather?		Steel flaps	
Coal Bunker Openings		How constructed? Steel coverings		How are lids secured? Wood covers, cleats etc.		Height above deck? 14" above poop deck	
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c.		6 scuppers each side. 4 ports each side		Cargo Battens, thickness and material		5 x 2 whitewood	
Ceiling in Holds, thickness and material		2" whitewood all over tank top		Hatches, If strong and efficient?		Yes	
Cargo Hatchways		How formed? Steel coverings with fore and aft stiffeners on side coverings		No. 1 Hatch (Forward)		23-0 1/2 x 14-9	
State size No. 1 Hatch (Forward)		23-0 1/2 x 14-9		No. 2 Hatch		23-0 1/2 x 14-9	
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch		2 fore and afters to each hatch		No. of Breasthooks		No. of Crutches	
Buttresses, height above deck and description		3' 5" x 1/4 plating, stays 5' 4" apart		Main Rail, material and size		4 x 2 steel	
The foregoing is a correct description.		Builder's Signature (have only)		Surveyor's Signature		Alexander Urwin	
Builder's Signature (have only)		Surveyor's Signature		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)		M. 18-4-21. H. 20-4-21. M. 22-4-21. E. 26-4-21. E. 24-4-21. M. 24-4-21. M. 28-4-21. M. 29-4-21			
Workmanship		Are the butts of plating planed or otherwise fitted?		Yes		Yes	
Is the riveted work properly closed?		Yes		Yes		Yes	
Are the liners between the frames and plates solid single pieces?		Yes		Yes		Yes	
Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other?		Yes		Yes		Yes	
Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces?		Yes		Yes		Yes	
Do any rivets break into or through the seams or butts of the plating?		Yes		Yes		Yes	
Are the butts of Plating, Stringers, &c., properly shifted and strapped?		Yes		Yes		Yes	
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)?		Yes		Yes		Yes	
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)?		Yes		Yes		Yes	
General Remarks (State quality of workmanship, &c.)		This vessel built in 1918 and originally classed in Germanischer Lloyd has now been examined at this port with a view to classification in the Society's Register Book in accordance with Secretary's letter to Queenstown Surveyor, dated 31 st June and 1 st July 1921		The vessel is of the single deck type with poop, bridge and forecater disconnected, 3 watertight bulkheads, wheelbarrel in cellulose double bottom throughout and two peak tanks. The rule requirements (Sec. 48) for vessels not built under survey have now been complied with and S.S.N. completed (see repair report). All surfaces cleaned and the scantlings ascertained		The workmanship throughout, constructional details, riveting connections, strengthening at breaks of erections and under the bottom forward, painting arrangements and bulkheads examined and found satisfactory (see also Cardiff letter 22 nd July)	
Chain cables ranged; anchors, cables, towing, stream wire and hawsers etc examined, G.L. Prowess House Certificates (for anchors and cables) produced and test marks		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.		P.T.O.	
The amount of Entry Fee		£		Special Survey Fee		£	
Travelling Expenses, if any		£		Certificate to be sent to		Off	
State whether the Vessel has been built under Special Survey		No		I am of opinion this Vessel should be Classed		100A1 Coasting U.K. and Continent from Brest to Hamburg	
With, or without, Freeboard, as condition of Class		No		Surveyor to Lloyd's Register of Shipping.		Alexander Urwin	
Committee's Minute		FRI. AUG. 19 1921		Character assigned		100A1	
With freeboard		subject		FRI. SEP. 22 1922			
Coasting U.K. & Continent from Brest to Hamburg		S.S. No. 1-21		L.M.C. 7-21		Referred	
Lloyd's Register		Foundation		W563-00-512			

GENERAL REMARKS—(continued).

found to agree.

The hatch side stays and large knees at underside of deck at centre of hatchways recommended in Secretary's letter of 29th July, not yet fitted, loading of vessel having commenced prior to receipt of letter. In the opinion of the undersigned the vessel appears worthy to be now classed subject to the above items being dealt with at the first favourable opportunity.

Midships section and profile plan returned herewith.

Alexander Crwin

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46.3 ft., R.Q.D. ✓ ft., Bridge 13.16 ft., Forecastle 21.3 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated

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 should appear in the Register Book) 1 9/16 (steel)

Official No. 143485 ; Signal Letters KJFV State if Machinery is fitted aft Yes
How are the surfaces preserved from oxidation? Inside Paint and cement Outside Paint

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	91.6	106.04	Fore peak tank,	13	22.25
Double bottom, under Engines and Boilers,	33.7	33.38	After peak tank,	9.5	20.00
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		139.42	(If necessary, furnish further information by sketch.)		

²⁰ 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..... Yes

~~Order for~~ Special Survey No.

Date _____

No. 1 in builder's yard.

DATES of Surveys
held while building

Surveyor's Signature

Alexander Brown

Total No. of Visits 12

Lloyd's Register
Huron
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