

With or Without
Disconnected Erections.

WRECK
SECTION STEEL STEAMER.

Received at London Office 23 AUG 1924

WRECK
SECTION

Date of completion of report 22/8/24 Port of NEWCASTLE-ON-TYNE No. 78206
Survey held at Newcastle-on-Tyne Date, First Survey 21 February 1924 Last Survey 22 August 1924

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

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk. and 3rd and 4th Dk. 862.85
Total under Upper Dk. 7.40
Do. of Poop 12.71
Do. of Bridge House 67.18
Do. of Forecastle 1.29
Do. of excess of Hatchways 62.45
Do. above Crown of Engine Room 1013.88
Gross Tonnage 464.45
Less Crew Space 70.97
Less above Crown of Engine Room
TONNAGE FOR FEES...
Less Engine Room
Less Navigation Spaces

CLASS 100A1 with freeboard FEET.
Breadth (greatest moulded) 34.83
Depth, at middle of length from top of keel to top of upper deck beams at side 24.0
Transverse Number L*(B+D) 13530.9
Length on deck from fore part of stem to after part of stern post 230
Longitudinal Number L+D 5520
Depth "d" at middle of length (See Secs. 2 & 13) 14.29
Proportions—Depths to Length 2.4
Deck Beam at side to top of keel 9.58
Long Bridge Deck Beam at side to top of keel

Rig foremast
Master D. P. Ball
Year of appointment (1) As Master in service of owner of present vessel—19 (2) As Master of this vessel—19
Built at Newcastle-on-Tyne
When built 1924 Launched 17 June 1924
By whom built Tyne Iron S. B. Co. Ltd.
Owners Fisher, Renwick, Manchester, London Steamers Ltd.
Managers
Residence Newcastle-on-Tyne
Port belonging to Manchester

Register Tonnage 478.46 as cut on Beam

Destined Voyage Manchester If Surveyed while Building Afloat, or in Dry Dock Yes

LENGTH on Deck as per Rule 230 0 BREADTH Moulded 34 10 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 22 0 No. of Decks with flat laid 2
as per Rule 15 0 do. do. Second Dk. Beams 15 0 No. of Tiers of Beams 2

Dimensions of Ship per Register, Length 230.5 breadth 35.0 depth 15.0 Moulded depth, ft. 24 ins. 0 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 1/2 ins.

FRAMING.						PILLARS.					
FRAME, Angles, or Bars amidships						PILLARS In 'tween Deck, size and spacing					
Do. in peaks	5 1/2	3	32	5 1/2	3	32	2 1/2 - 2 5/8	50	2 1/2 - 2 5/8	50	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3	30	3 1/2	3	30	3 1/4 - 4 1/4	50	3 1/4 - 4 1/4	50	
at intermdt. Bkts.											
Spacing of Frames from centre to centre amidships	25			25							
from 1/2 length to Collision bulkhead	25			25							
in peaks	24			24							
REVERSED FRAME, Angles											
Do. in way of Double Bottoms at Solid Floors	3	3	33	3	3	33					
at intermdt. Bkts.											
FRAMING, depth of girder	6 1/2			6 1/2							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships											
in way of Engine and Boiler Spaces	33	and	43	33	and	43					
thickness at the ends of vessel			33			33					
depth at 3/4 the half breadth, as per Rule											
height extended at the Bilges											
FLOORS in Cell Double Bottoms			33			33					
state if flanged (top & bottom)	no										
Spacing of Solid floors	25			25							
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	32 1/2	44		32 1/2	44						
Angles, Top	3	3	41	3	3	41					
Bottom	3 1/2	3 1/2	45	3 1/2	3 1/2	45					
to Floors	3	3	33	3	3	33					
Brackets at intermdt. frmng., wdth & thcknss											
SIDE GIRDERS, number on each side & thickness	One	33		One	33						
state if flanged (top and bottom)	no			no							
Angles (top and bottom)	3	3	33	3	3	33					
to Floors	3	3	31	2 1/2	2 1/2	31					
MARGIN PLATE, depth (exclusive of flange) and thickness	24 1/2	39		24 1/2	39						
Angle to Outside Plating	3 1/2	3 1/2	35	3	3	41					
Floors	3	3	33	3	3	33					
Brackets at intermdt. frmng., wdth & thcknss											
Height of Outside Brackets above at bilge	18 1/2			18 1/2							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	54	38		54	38						
in Engine and Boiler space	39 1/2	87 1/2	62	39	and	49					
Remainder in Holds			34			34					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	34	5 1/2	3	34					
In way of Long Bridge											
Spacing	25			25							
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	42	8	3	42					
Spacing	50			50							
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel											
Bulb Angle, Plate, Tee Bulb, or Channel											
Angles on upper edge											
Spacing											
BEAMS, 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											
						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					
						Angle					
						Intercoastal Plate, for length					
						Attached to outside plating with Angle					
						Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
						br'dth & thickness (in way of Bridge)					
						Angle (clear of Bridge)					
						Tie Plate at sides of Hatchways					
						Deck, * Iron or Steel, for full lng.					
						Thickness (clear of Bridge)					
						(in way of Bridge)					
						Wood Deck, Material & thickness					
						Second Deck Stringer Plate, br'dth & thickness					
						Angles on ditto, No. Two					
						Tie Plates outside Hatchways					
						Deck, * Iron or Steel, for full 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 & th'kns					
						Angle on ditto					
						Tie Plates					
						Deck, Material and thickness					

WEB FRAMES.						Inches in Ship.	Inches in Ship.	Inches per Rule, Or as Ap- proved.	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						-	-	-	-	KEEL, Bar, depth and thickness							Flat plate keel																		
" " " brdth. & thickness										STEM, moulding and thickness							7 1/4 x 2 - 7 1/4 x 2																		
" No. of Side Stringers "										STERN-POST for Rudder do. do.							6 1/2 x 5 3/8 - 6 1/2 x 5 3/8																		
WEB-FRAMES, In E. & B. Space, No. & spacing										" for Propeller							7 1/4 x 5 3/8 - 7 1/4 x 5 3/8																		
" " " brdth. & thickness										RUDDER-A x D® Table 22. Speed 10 1/2 knots							A x D = 132.1 ✓																		
" " " No. of Side Stringers "										Main-Piece, diameter at head							5 3/4 - 5 3/4																		
" Size of Face Angles to Web-Frames.....										" " " at heel.....							4 1/2 - 4 1/4																		
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....																																			
BULKHEADS.						Number. Vessel.	Per Rule.	Thickness, Inches.	STIFFENERS.				Single or Double Frames.	Height up, state deck.	RUDDER, how constructed																				
									Horizontal. Size. Spacing				Vertical. Size. Spacing			Forged built ✓																			
W.T.BULKHEADS						5	4	34-26	- 2x34 30 Single 2 1/2 DK						Thickness of Plates or Single Plate .82 ✓																				
															Can the Rudder be unshipped afloat? Yes. ✓																				
aft 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.? South Durham Dorman Long, Bolckow Vaughan, Cargo Fleet.																				
COLLISION,								42-30 W.T. FLAT. 76-3-40 24 - 8 - 7 -							open hearth process ✓																				
PARTITION								46-26 Semi box beam 62-3-38 24 - 8 - U.D.							Has the Steel been tested as required by the Rules? yes. ✓																				
LONGITUDINAL,,																																			
Are the outside Plates doubled two spaces of Frames in length?										no ✓																									
Are the Hatch Valves and Watertight Doors in efficient working order?										yes ✓																									
PLATING.						AS IN SHIP.						PER RULE OR AS APPROVED.						EDGES. Ordinary or jogged? ordinary						RIVETING.											
STRAKES.						AMIDSHIP.				FORWARD.		AFT.		AMIDSHIP.				Single or Double.		Breadth of Lap.		RIVETS.		Diam.		Spacing or to cr.		Double or Treble and for what Length.		RIVETS.		STRAPS.		IF LAPPED.	
						Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.		
FLAT PLATE KEEL.....						44	.50	.46	.46	44	.50	Double	4 1/2	3/4	3 1/8	T.R. full 1/4	3/4	2 1/8																	
(If Bar Keel, state Riveting.)												"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
GARBOARD or A Strake							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
State actual thickness in way of Double Bottom.							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
B "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
C "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
D "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
E "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
F "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
G "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
H "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
Sheerstrake J "							.44	.40	.40		.44	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
K "												"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"		
L "										</																									

EQUIPMENT No. 13842				LETTER O			ANCHORS.			TONNAGE U.DK. OR PLATING No. FOR TRAWLERS													
Number of Certificate.		Anchors.			WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.			Makers.		Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.									
28214	1st Bower ...	28	1	21	-	-	-	27	10	0	0	28	0	0	Byers Stockless			Byers & Co. Ltd		5.28/5/24 J. H. Rutter			
28216	2nd „ ...	28	1	0	-	-	-	27	6	1	0	28	0	0	"			"		" " " "			
28226	3rd „ ...	24	1	0	-	-	-	24	1	3	14	24	0	0	"			"		" " " "			
	4th „ ...																						
	Collective weight.	80	3	21								80	0	0									
39445	Stream	7	0	18	1	3	14	9	7	0	21	7	0	0	Ordinary			-		C.H. 29/2/24 S.C. Paul			
	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
	19 cwts 19. 21 lbs. J.M. No A 3992. 30-5-24.	19 " 1. 0 " " No A 3996 " " "	16 " 2. 21. C.B. No A 4055 23-5-24.	

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.	Owts. qrs. lbs.	Owts. qrs. lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
36017	240	1 9/16	43 19/20	61 8/20	303.2.7	298.3.0	240	1 9/16	Steel link	—	CH. 10/4/24 S. C. Paul	TOWLINE.	90	3 3/4	22	90	3 3/4
												HAWSERS & WARPS	90	7	manilla		
												" "	90	6	"	90	6
Low-Stream Chain-iron Steel Wire	75	3 3/4		29			75	3 3/4				" "	2-90	5	"	90	5
													75	3 3/4	29		

Steel wires certified by Edwin Ellis H^c Ltd

Boats 2 lifeboats 1 one dinghy
Pumps, Number nil
Windlass is Emerson, Walker & Thompson & Bros Ltd Capstan ✓
Engine Room Skylights.—How constructed? Steel plates & angles What arrangements for deadlights in bad weather? Steel flaps & bullseyes.
Coal Bunker Openings.—How constructed? Steel plates & angles How are lids secured? Cleats & battens Height above deck? 2'-6"
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 5 scuppers 1 one freeing port (2'-0" x 1'-6") each side
Ceiling in Holds, thickness and material 2½" pine Cargo Battens, thickness and material 6 x 2½" pine ✓
Cargo Hatchways.—How formed? Steel plates and angles Hatches, If strong and efficient? Yes ✓
State size No. 1 Hatch (Forward) 18'-9" x 13'-0" No. 2 Hatch 22'-11" x 14'-0" No. 3 Hatch 27'-1" x 14'-0" No. 4 Hatch ✓
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch 3 web plates at each hatchway — no fore afters
No. of Breasthooks 4 No. of Crutches deep floors
Bulwarks, height above deck and description FOR AND ON BEHALF OF 3'-6" x 2½" steel plates Main Rail, material and size 6 x 3 x 34 bull. angle.
The foregoing is a correct description. TYPE IRON SHIP-BUILDING CO. LIMITED
Builder's Signature (here only) A. Thomson Surveyor's Signature J. Macdonald.
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 15/1/24, 24/1,
25/1, 29/1, 27/2, 5/4, 28/4, 1/5, 5/5, 15/5, 12/8/24. E 27/2/24.

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed overlapped.*

Is the riveted work properly closed? *Yes*

Are the liners between the frames and plates solid single pieces? *Joggled framing to* 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? *Very few*

Are the butts of Plating, Stringers, &c., properly shifted and strapped or lapped? 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 constructed in accordance with the approved plans, the Secretary's letters as mentioned above and in other respects in compliance with the Requirements of the Rules. The materials and workmanship are good. The bulkheads & tunnel have been tested and found to be satisfactory.

The approved plans (10 in number) are forwarded herewith.
The sanction of the Owners to construct this vessel in accordance with the Revised Rules was obtained on the 21st Jan'y 1924 see Secretary's Letter 25/1/24.
The freeboard has been verified and the freeboard marks "cut in" on the vessel's sides.

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 £ 5 : 0 : 0
Special Survey Fee... £ 101 : 8 : 0
Travelling Expenses, if any £ 5 : :
Freeboard
State whether the Vessel has been built under Special Survey
I am of opinion this Vessel should be Classed 100 A 1
With, or without Freeboard, as condition of Class

Fees applied for,
24 AUG 1924
Received by me,
Hull N
Inchy
Certificate to be sent to
Date of issue 18/9/24
NEWCASTLE-ON-TYNE
J. Macdonald.
Surveyor to Lloyd's Register of Shipping.

Committee's Minute
Character assigned

with freeboard
Lloyd's Reg. Co.
Lurex Reg. Co.

GENERAL REMARKS—(continued).

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 directed in the Register Book) 2 D's (Stl)

Official No. 147,403 ; Signal Letters

State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside

Cement & paint

Outside

paint

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

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	58.4	51	Fore peak tank,		
Double bottom, under Engines and Boilers, 77.3	18.9	31	After peak tank,	12.0	18
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	100.0	127	Other tanks, if fitted,		
	Total capacity of double bottom	209	(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 yes

Order for Special Survey No. 5072

Date

1913/24

No.

228

in builder's yard.

DATES OF SURVEYS held while building

1924

Feb. 21, 28. Mar. 3, 13, 17, 24, 28, 31. Apr. 1, 9, 16, 24, 28. May 5, 8, 12, 14, 16, 21, 24, 27, 29. June 13, 17, 20. July 9, 17, 23, 25, 28, 30. Aug. 1, 8, 11, 13, 14, 15, 22

Surveyor's Signature

J. MacDonald

© 2020

Total No. of Visits

37

Lloyd's Register Foundation