

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office JUL 26 1923

Date of completion of report July 20th 1923
Survey held at Sunderland

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

Port of *Sunderland*

Date, First Survey 13th February 1923 Last Survey 19th July 1923

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

ERRINGTON DUNFORD Rig

TONNAGE under 930.46

CLASS *100 A.I.*

Master

Year of appointment (1) As Master in service of owner of present vessel: 191 (2) As Master of this vessel: 191

Do. between Tonnage Dk. and 3rd and 4th Dk. 130.89

Breadth (greatest moulded) 35.83

Built at *Sunderland*

Do. of R.Q.Dk. 23.22

Depth, at middle of length from top of keel to top of upper deck beams at side 16.08

When built 1923 Launched June 29th 1923

Do. of Bridge House 51.61

Transverse Number (L x D) 3778.8

By whom built *Wigham Richardson Ltd.*

Do. of Forecastle 59.85

Length on deck from fore part of stem to after part of stern post 235.0

Owners *Dunford Steamship Co. Ltd.*

Do. of Houses on Dk. 1196.03

Longitudinal Number (L x (B x D)) 12198.8

Managers *Newcastle on Tyne*

Do. of excess of Hatchways 53.80

Depth "d," at middle of length (See Secs. 2 & 15) 12.92

Residence *Newcastle on Tyne*

Do. above Crown of Engine Room 382.73

Proportions—Depth to Length—Upper Deck Beam at side to top of keel 14.61

Port belonging to *Newcastle on Tyne*

Do. of excess of Hatchways 47.35

Proportions—Depth to Length—Long Bridge Deck Beam at side to top of keel 12.32

Gross Tonnage 712.15

Destined Voyage *Coasting*

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

Less Crow Space 382.73

Less above Crown of Engine Room 47.35

TONNAGE FOR FEES 712.15

Less Engine Room 712.15

Less Navigation Spaces 712.15

Register Tonnage as out on Beam 712.15

LENGTH on Deck as per Rule 235.0

BREADTH Moulded 35.10

DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 17.8

No. of Decks with flat laid one

No. of Tiers of Beams one

Dimensions of Ship per Register, Length 235.0 breadth 36.0 depth 14.0

Moulded depth, ft. 19 ins. 1 To Upper Dk. Round of Upper Dk. Beam, Actual 9 ins.

Moulded depth, ft. 16 ins. 1 To Upper Dk. Dk. Beam, Actual 9 ins.

FRAMING.

	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, <i>FORE HOLD</i> Bars amidships	7	3	48	7	3	48
Do. in peaks	6	3	48	8	3	48
Do. in way of Double Bottoms at Solid Floors	3	3	38	6	3	38
" " " " at intermdt. Bkts.	3	3	30	3	3	30
Spacing of Frames from centre to centre amidships	3 1/2			3 1/2		
" " " " from 1/2 length to Collision bulkhead	27			27		
" " " " in peaks	24			24		
REVERSED FRAME, Angles						
Do. in way of Double Bottoms at Solid Floors	3	3	30	3	3	30
" " " " at intermdt. Bkts.						
FRAMING, depth of girder	7	and 8		7	and 8	
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships						
" in way of Engine and Boiler Spaces	30	and 40		30	and 40	
" thickness at the ends of vessel						
" depth at 1/2 the half breadth, as per Rule						
" height extended at the Bilges						
FLOORS in Cell, Double Bottoms			30			30
" state if flanged (top & bottom)			NOT FLANGED			
" Spacing of Solid floors	3 1/2	27	24	3 1/2	27	24
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	34	x	40	34	x	40
" " Angles, Top <i>Single</i>	3	3	38	3	3	38
" " " Bottom <i>Single</i>	3 1/2	3 1/2	40	3 1/2	3 1/2	40
" " " to Floors	3	3	30	3	3	30
" Brackets at intermdt. frmg., wdth & thcknss						
SIDE GIRDERS, number on each side & thickness	one		30	one		30
" " state if flanged (top and bottom)			NOT FLANGED			
" " Angles (top and bottom)	3	3	30	3	3	30
" " " to Floors	2 1/2	2 1/2	30	2 1/2	2 1/2	30
MARGIN PLATE, depth (exclusive of flange) and thickness	26	x	40	26	x	40
" " Angle to Outside Plating	3	3	38	3	3	38
" " " Floors	4 1/2	3	30	4 1/2	3	30
" Brackets at intermdt. frmg., wdth & thcknss						
" Height of Outside Brackets above <i>BASE</i>	53			53		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	75	x	46	75	x	46
" " in Engine and Boiler space	E40	B30		E40	B30	
" " Remainder in Holds	46	to 48		46	to 48	
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	36	7 1/2	3	36
" " In way of Long Bridge						
" " Spacing	3 1/2			3 1/2		
BEAMS, <i>R.Q.</i> Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	7 1/2	3	36	7 1/2	3	36
" " Spacing	3 1/2			3 1/2		
BEAMS, Third and Fourth Deck, Single Angle, 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	5 1/2	3	32	5 1/2	3	32
" " Angles on upper edge						
" " Spacing	24			24		

PILLARS.

	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS In 'tween Deck, size and spacing	3x3x36	48	3x3x36	48
" " Hold	angle		angle	
" " Quarter 'tween Dks.	6x6x50	in	machy space	
" " in Hold	Deep brackets	at side of ship		

KEELSONS & STRINGERS.

				Or as Approved.					
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 <i>Two at fore end of fore hold.</i>									
,, " Angle.....				3	3	30	3	3	30
,, Intercoastal Plate, for..... length.....				12	x	30	12	x	30
,, Attached to outside plating with Angle.....				3	3	34	3	3	34
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)				71	65	72	64		
,, " " " " br'dth & thickness (in way of Bridge)				-	-	-	-		
,, " " " " Angle (clear of Bridge) ..				5 x 5	64	5 x 5	64		
,, " " Tie Plate at sides of Hatchways.....									
,, Deck. * Iron or Steel, for <i>full</i> lng.					30		30		
,, " " Thickness (clear of Bridge)				-	-	-	-		
,, " " " (in way of Bridge)				-	-	-	-		
50 Wood Deck. Material & thickness.....				-	-	-	-		
Second Deck Stringer Plate, br'dth & thickness				71	45	72	44		
,, Angles on ditto, No. <i>one</i>				5 x 5	44	5 x 5	44		
,, Tie Plates outside Hatchways				-	-	-	-		
,, Deck. * Iron or Steel, for <i>full</i> lng.					30	-	30		
,, 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, b'dth & th'kns				22	30	22	30		
,, Angle on ditto.....				3 x 3	30	3 x 3	30		
,, Tie Plates				-	-	-	-		
,, Deck. Material and thickness <i>Shul</i>					30		30		

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

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				-	-	-	-	KEEL, Bar, depth and thickness	Flat plate keel	-	-	
" " " brdth. & thickness				-	-	-	-	STEM, moulding and thickness	7 x 1 5/8	7 x 1 5/8	-	
" " No. of Side Stringers " "				-	-	-	-	STERN-POST for Rudder do. do.	6 x 4 1/2	6 x 4 1/2	-	
WEB-FRAMES, In E. & B. Space, No. & spacing				-	-	-	-	" for Propeller	6 3/4 x 4 1/2	6 3/4 x 4 1/2	-	
" " " brdth. & thickness				-	-	-	-	RUDDER-A x D* Table 22. Speed	10 knots	128-28	-	
" " " No. of Side Stringers " "				-	-	-	-	" Main-Piece, diameter at head	5 1/2	5 1/2	-	
" " " Size of Face Angles to Web-Frames.....				-	-	-	-	" " " at heel	4 1/4	4 1/4	-	
BRACKET PLATES to Stringers between Web Frames, depth and thickness.....				-	-	-	-	RUDDER, how constructed Forged & shrink arms				-
BULKHEADS.				Number.	Thickness.	STIFFENERS.	Single or Double Frames.	Height up, state deck.	" Thickness of Plates or Single Plate			-
Vessel.				Per Rule.	Horizontal.	Vertical.			" Can the Rudder be unshipped afloat?			-
W.T.BULKHEADS				4	4	W.T. Flat and	OA	Single RQ	" 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.?			-
AFTER PEAK				40-28	3 1/2 x 30	37	4 1/2 x 32	36	" Skinningrove Iron Co. Ltd. South Durham St. 16° 1' 12"			-
BOILER ROOM No. 27				42-26	3 1/2 x 30	37	4 1/2 x 32	36	" Cargoe Fleet 1.6° 1' 12"			-
HOLD. No. 55				38-30	3 1/2 x 30	37	4 1/2 x 32	36	" Open Hearth process			-
" COLLISION "				42-27	3 1/2 x 30	37	4 1/2 x 32	36	" Has the Steel been tested as required by the Rules?			-
" PARTITION "												-
" LONGITUDINAL "												-
Are the outside Plates doubled two spaces of Frames in length? no												
Are the Sluice Valves and Watertight Doors in efficient working order? yes												
PLATING.						RIVETING.						
AS IN SHIP.						PER RULE OR AS APPROVED.						
STRAKES.						EDGES.						
AMIDSHIP.						Ordinary or jogged?						
Breadth.						Single or Double.						
Thickness.						Breadth of Lap.						
Forward.						RIVETS.						
Aft.						Double or Triple and for what length.						
Breadth.						Diam.						
Thickness.						Spacing on to gr.						
Flat Plate Keel.....						BUTTS.						
Garboard or A Strake						IF LAPPED.						
B "						Breadth.						
C "						Thickness.						
D "						Breadth.						
E "						For what Length.						
F "						Feet.						
G "												
H "												
I "												
J "												
K "												
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THICKNESS OF STRAKE CLEAR OF LONG BRIDGE						46 x 54						
Do. OF STRAKE BELOW						38						
DELG. of Flat Plate Keel						38						
" Sheerstrakes						46						
Length and thickness.						54						
POOP SIDES.....						30						
SHORT BRIDGE SIDES...						30						
FORECASTLE SIDES.....						30						
Upper Deck						Butts, quad riveted for half length amidship.						
Stringer Plate						Straps, single, double or overlapped for full length amidship.						
R.O. Deck						Butts, quad riveted for half length amidship.						
Stringer Plate						Straps, single or overlapped for full length amidship.						
Butts of Side Stringers						riveted.						
Tie Plates						riveted.						
Inner Bottom Plating, riveting of Edges						Single Butts double						
Centre Girder Butts, Triple riveted.						Keelson Butts, riveted.						
Frames, riveted through Plates with 3/4 in. Rivets, about 4 1/2 x 4 1/2 apart.												
Rivets, state whether Iron or Steel						Iron						
FRAMES extend in one length from Centre Girder to Tank Margin + thence to upper R.O. Deck + Forecastle decks.						State if ordinary or jogged jogged.						
REVERSED FRAMES on floors and frames extend from Centre Girder to Tank Margin						State if ordinary or jogged jogged.						
MASTS, SPARS, &c.												
DIAMETER AND THICKNESS.												
At Partners.												
Heel.												
Hounds.												
Head.												
No. of Plates in round.												
ANGLES.												
Number.												
Size.												
Seams.												
Butts.												
Single												
Triple												
LOWER MASTS.....												
Fore												
Main												
Mizen												
Bowsprit												
Topmasts, Yards and Remainder of Spars												
P.Pine 14 ft long F. Mast. 15 ft. to main mast												
Rigging, Material and Size, Shrouds												
3-3" cr. galv steel wire, wide spaced. Stays 1 1/2 cr galv steel wire												
Sails.												
Sail of												
Sails, and the following spare sails.												

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