

1 or 2 Dks., R. Q. Dk.
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

State if Report is also sent on the Machinery of the Vessel Yes *Slid No* 23409

Date of completion of Report 11th Sept 07

Date, First Survey 12 March 07

Port of MIDDLESBROUGH-ON-TEES

Last Survey 31st August 1907

Rig *SR*

Master John Stephen

Year of appointment (1) As master in service of owner of present vessel: 1888 (2) As master of this vessel: 1907

Built at Stockton

When built 1907 Launched 25th July

By whom built Craig Taylor & Co Ltd

Owners Finland-London Steamship Co Ltd

Managers W.R. Medhurst

(Where necessary to be entered in Reg. Book.)

Residence London

Port belonging to London

Port of appointment

Port of destination

Port of call

Port of refuge

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Survey held at

On the *SS*

TONNAGE under

Tonnage Deck

Do. of Poop

Do. of Raised Qr

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Deck

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crew Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

ONE OR TWO DECKED VESSEL.

CLASS 100A1 subject to notation "4B4 only"

Half Breadth (moulded) 21.87

Depth from upper part of Keel to top of Main Deck Bms 22.00

Girth of Half Midship Frame (as per Rule) 40.87

1st Number 84.74

Length on deck from after part of stem to fore part of stern post 285.33

2nd Number 241.79

Proportions—Breadths to Length 6.5

Depths to Length—Main Deck to top of Keel 12.9

Destined Voyage *Tyne to load*

If Surveyed while Building *Afloat, or in Dry Dock* Yes

LENGTH on Deck as per Rule 285 4 BREADTH—Moulded 43 9 DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams in way tank 18 9 No. of Decks with Flat laid One No. of Tiers of Beams *Deep frames*

Dimensions of Ship per Register, Length, 287 breadth, 44 depth, 19.85 Moulded Depth, 21 ft. 1 ins. Round of Beam, Actual 11 ins.

FRAMING.

	Inches in Ship	Inches in Ship	20ths in Ship	Inches per Rule	Inches per Rule	20ths per Rule
FRAME, Angles, <i>LE</i> or <i>L</i> Bars, for $\frac{1}{2}$ length amidships	9	3 $\frac{1}{2}$	10	9	3 $\frac{1}{2}$	10
Do. for $\frac{1}{2}$ at each end	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8-7	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8-7
Do. in way of Double Bottoms at Solid Floors.	5	3 $\frac{1}{2}$	7	5	3 $\frac{1}{2}$	7
Spacing of Frames from centre to centre	24	24	24	24	24	24
REVERSED FRAME, Angles <i>in peaks</i>	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8	3 $\frac{1}{2}$	3 $\frac{1}{2}$	8
DEEP FRAMING, depth of girder	9	9	9	9	9	9
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	25	12	25	12	25	12
in way of <i>Engines and Boiler</i> Space	25	12	25	12	25	12
thickness at the ends of vessel	25	12	25	12	25	12
depth at $\frac{1}{2}$ the half breadth, as per Rule	25	12	25	12	25	12
height extended at the Bilges	25	12	25	12	25	12
FLOORS & BRACKETS, in Cell Dble Bottoms	39	7	39	7	39	7
state if flanged (top & bottom)	not flanged	not flanged	not flanged	not flanged	not flanged	not flanged
Spacing	24	24	24	24	24	24
CENTRE GIRDER, in Double Bottom, depth and thickness	39	10	39	10	39	10
Angles, Top	4	4	9	4	4	9
Bottom	4	4	12	4	4	12
SIDE GIRDERS, number on each side & thickness	one	8	3 under cups	one	8	3 under cups
state if flanged (top & bottom)	flanged top in holds	flanged top in holds	flanged top in holds	flanged top in holds	flanged top in holds	flanged top in holds
Angles	3 $\frac{1}{2}$	3 $\frac{1}{2}$	7	3 $\frac{1}{2}$	3 $\frac{1}{2}$	7
MARGIN PLATE, depth (exclusive of flange) and thickness	35	8	32	8	35	8
Angles to Outside Plating	3 $\frac{1}{2}$	3 $\frac{1}{2}$	9	3 $\frac{1}{2}$	3 $\frac{1}{2}$	9
Floors	3 $\frac{1}{2}$	3 $\frac{1}{2}$	7	3 $\frac{1}{2}$	3 $\frac{1}{2}$	7
Height of Floors at the Bilges	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$	62 $\frac{1}{2}$
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	39	9	39	9	39	9
thickness in Engine and Boiler space	9	9	9	9	9	9
Remainder in Holds	8	8	7	8	8	7
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3	10	8	3	10
Angles on Upper Edge	8	3 $\frac{1}{2}$	12	8	3 $\frac{1}{2}$	12
Spacing	24	24	24	24	24	24
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	3	10	8	3	10
Angles on Upper Edge	8	3	10	8	3	10
Spacing	24	24	24	24	24	24
BEAMS, Hold, Plate or Tee Bulb	8	3	10	8	3	10
Angles on Upper Edge	8	3	10	8	3	10
Spacing	24	24	24	24	24	24
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8
Angles on Upper Edge	6	3	8	6	3	8
Spacing	24	24	24	24	24	24
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8
Angles on Upper Edge	6	3	8	6	3	8
Spacing	24	24	24	24	24	24
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	3	8	6	3	8
Angles on Upper Edge	6	3	8	6	3	8
Spacing	24	24	24	24	24	24
PILLARS, In <i>Bridge</i> Decks, Size and Spacing	25	48	25	48	25	48
Hold	3 $\frac{1}{2}$	48	3 $\frac{1}{2}$	48	3 $\frac{1}{2}$	48
Quarter, 'tween Dks.,	✓	✓	✓	✓	✓	✓
in Hold	✓	✓	✓	✓	✓	✓
WEB FRAMES, In Fore Body, No. and Spacing	✓	✓	✓	✓	✓	✓
No. of Side Stringers	✓	✓	✓	✓	✓	✓
WEB FRAMES, In E. & B. Space, No. & Spacing	one	8	18	8	18	8
Brdth. & Thickness	✓	✓	✓	✓	✓	✓
WEB FRAMES, In After Body, No. and Spacing	✓	✓	✓	✓	✓	✓
No. of Side Stringers	✓	✓	✓	✓	✓	✓
Size of Angles or Tee Bars to Web Frames	✓	✓	✓	✓	✓	✓
BRACKET PLATES to Stringers between	✓	✓	✓	✓	✓	✓
Web Frames, Depth and Thickness	✓	✓	✓	✓	✓	✓

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness		Flat plate keel		20			
STEM, moulding and thickness.		Ingot steel		10 x 25/8 - 10 x 25/8			
STERN-POST for Rudder do. do.		10 x 6		10 x 6			
for Propeller		80		80			
MAIN PIECE of Rudder, diameter at head		8		8			
Sales Patent do. at heel		6		6			
RUDDER, how constructed		Single plate 20		- cir. stock			
Can the Rudder be unshipped afloat?		yes		Coupling			
KEELSONS AND STRINGERS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or a	Inches per Rule s Appr.	20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above	Floors, Through Plate, or Intercoastal Plate	39		12	39		12
	Rider Plate	13		11	13		11
	Bulb Plate to Intercoastal Keelson		✓			✓	
	Horizontal Plates on Floors	12		11	12		11
	Angles	6	4	9	6	4	9
SIDE KEELSON, Angles		6	4	9	6	4	9
	Bulb or Plate above floors for Boiler Ing.	14		10	14		10
	Intercoastal Plate for Boiler room length			9			9
	Attached to outside plating with Angle	3 1/2	3 1/2	9	3 1/2	3 1/2	9
BILGE KEELSON, Angles							
	Bulb or Plate above floors for Ing.						
	Intercoastal Plate for length						
	Attached to outside plating with Angle						
BILGE STRINGER Angles							
	bulb Plate for length						
	Intercoastal Plate for length						
	Attached to outside plating with Angle						
SIDE STRINGERS Angles		6	4	11	6	4	11
	Bulb or Intercoastal Plate for full Ing.	3 1/2	3 1/2	8	3 1/2	3 1/2	8
	Attached to outside plating with Angle						
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		41	10	41	10		
Angle on ditto. (4 x 4 x 3 in sections)		4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10		
Tie Plates, outside Hatchways		increased		2/20			
Diagonal Tie Plates on Bms., No. of Pairs		✓		✓			
Main Dk* Iron or Steel for full Ing.		7					7
R. Q. Dk* Iron or Steel for Ing.		✓		✓			
Wood Deck, Material & thickness		✓		✓			
Lower Deck Stringer Plate, breadth and thickness							
Angles on ditto, No.							
Tie Plates, outside Hatchways							
Deck* Material and thickness							
Hold Stringer Plate							
Angles on ditto, No.							
Poop Deck Stringer Plate, breadth & thickness		30	7	30	7		
Angle on ditto		3 1/2 x 3 1/2	7	3 1/2 x 3 1/2	7		
Tie Plates Deck		5		5			
Deck, Material and thickness		2 1/2		2 1/2			
Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness		40	9	40	9		
Angle on ditto		4 1/2 x 4 1/2	10	4 1/2 x 4 1/2	10		
Tie Plates		✓		✓			
Deck, Material and thickness		Steel	6				6
Forecastle Deck Stringer Plate, brdth & thcknss		30	7	30	7		
Angle on ditto		3 1/2 x 3 1/2	7	3 1/2 x 3 1/2	7		
Tie Plates							
Deck, Material and thickness		Iron	5/16				5/16
* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.							
BULKHEADS.		FLANGED STIFFENERS.				Single or Double Frames, Height up.	
In Vessel.	Per Rule.	Thickness.	Horizontal.		Vertical.		Single Deck
			Size.	Spacing.	Size.	Spacing.	
20ths.			Inches.	Inches.	Inches.	Inches.	
4	5	7	Flanges 11 x 3		30		
W.T. BULKHEADS		Intermediate bulkhead in fore hold omitted, as compensation, here no angles 4 x 4 x 8/32 were fitted in frames 91, 94, 103, 108, 113, 119 & 125 - latter 5-3-04					
PARTITION		are the outside Plates doubled two spaces of Frames in length? Diamonds					
LONGITUDINAL		are the Sluice Valves and Watertight Doors in efficient working order? 2					

PLATING.										RIVETING.									
AS IN SHIP.					PER RULE OR AS APPROVED.					Lower Edges Ordinary or Joggled.					BUTTS.				
STRAKES.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.		FORWARD.		AFT.	
Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.
FLAT PLATE KEEL	36	16	12	12	36	16	12	36	16	12	36	16	12	36	16	12	36	16	12
GARBOARD OR A STRAKE	50	12	11	12	36	12	10	36	12	10	36	12	10	36	12	10	36	12	10
B	46	10	9	10	36	10	9	36	10	9	36	10	9	36	10	9	36	10	9
C	54	10	10	9	36	10	10	36	10	10	36	10	10	36	10	10	36	10	10
D	46	10	9	9	36	10	9	36	10	9	36	10	9	36	10	9	36	10	9
E	60	12	10	13	36	12	10	36	12	10	36	12	10	36	12	10	36	12	10
F	61	12	10	12	36	12	10	36	12	10	36	12	10	36	12	10	36	12	10
G	60	11	9	11	36	11	9	36	11	9	36	11	9	36	11	9	36	11	9
H	60	11	9	11	36	11	9	36	11	9	36	11	9	36	11	9	36	11	9
I	60	13-11	9	9	36	13-11	9	36	13-11	9	36	13-11	9	36	13-11	9	36	13-11	9
J	46	15-13	10	10	42	15-13	10	42	15-13	10	42	15-13	10	42	15-13	10	42	15-13	10
K	42	9	-	-	38	9	-	-	38	9	-	-	38	9	-	-	38	9	-
L	42	9	-	-	38	9	-	-	38	9	-	-	38	9	-	-	38	9	-
M	44	10	-	-	38	10	-	-	38	10	-	-	38	10	-	-	38	10	-
N																			
O																			
P																			
DOUBLING OF FLAT PLATE KEEL																			
Length of Bilges																			
Length of Sheerstrakes																			
Length of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING																			
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, outside Plating, &c.																			
Butts, treble riveted for 3/4 length amidship.																			
Main Stringer Plate																			
Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted?																			
Inner Bottom Plating, riveting of Edges																			
Centre Girder Butts, treble or double riveted?																			
Keelson Butts, riveted.																			
Frames, riveted through Plates with 7/8 in. Rivets, about 6 1/2 apart.																			
Rivets, state whether of Iron or Steel																			
FRAMES extend in one length from margin to margin, P. B. & F. decks																			
REVERSED FRAMES on floors and frames extend from center to margin																			
Bottom frames joggled																			
MASTS, SPARS, &c.																			
Rule																			
Material																			
Total length																			
At Partners																			
Heel																			
Hounds																			
Head																			
No. of Plates in round																			
Angles																			
Number																			
Size																			
Seams																			
Butts																			
LOWER MASTS																			
Fore																			
Main																			
Mizen																			
Rigging, Material and Size, Shrouds																			
Stays																			
Sails																			
Equipment No. 25701 Letter B																			
Tonnage U.D.K. or Plating No. for Trawlers																			
ANCHORS.																			
Number of Certificate																			
Anchors																			
Weight, Ex Stock																			
Weight of Stock																			
Test, per Certificate																			
Weight Required by Table 22																			
Description of Anchor																			
Makers																			
Where and when tested and Superintendent																			
31693 1st Bower																			
31694 2nd "																			
31695 3rd "																			
31696 Stream																			
31697 Kedg																			
HAWERS AND WARPS.																			
Number of Certificate																			
Length and size supplied																			
Statutory																			
Breaking																			
Weight of Cable																			
Length and Size per Table 22																			
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