

With or Without
Disconnected Erections.

STEEL STEAMER.

TUE. AUG. - 6. 1912
Received at London Office

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

Date of completion of report *3rd August, 1912* Port of *SUNDERLAND*
Survey held at *SUNDERLAND* Date, First Survey *20th November 1911* Last Survey *23rd July* 1912
On the (State if Single, Twin, or Triple Screw) *Steel Seven Steamer* **"HESLEYSIDE"** Rig *FORE AND AFT SLOOP*

TONNAGE under	3750.03
Tonnage Deck...	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	
Do. of Poop (Hatch in)	08
Do. of R.Q.Dk.	
Do. of Bridge House	
Do. of Forecastle	48.38
Do. of Houses on Dk.	101.09
Do. of excess of Hatchways	75.33
Do. above Crown of	13.68
Engine Room	
Gross Tonnage	3993.59
Crew Space	105.41
above Crown of	13.68
Engine Room	
SPACE FOR FUEL	3271.52
Engine Room	1277.95
Navigation Spaces	91.90
Deck Space on E.P.	13.68
Register Tonnage	2518.33
as out on Beam	

CLASS	100-A.1.
Breadth (greatest moulded)	49.66
Depth, at middle of length from top of keel to top of upper deck beams at side	28.31
Transverse Number	77.97
Length on deck from fore part of stem to after part of stern post	362.75
Longitudinal Number	28283.61
Depth "d," at middle of length (See Secs. 2 & 13)	24.65
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	12.81
" " Long Bridge Deck Beam at side to top of keel	9.99

Master	L. JOHNSON
Year of appointment	(1) As Master in service of owner of present vessel:—1912 (2) As Master of this vessel:—1912
Built at	SUNDERLAND
When built	1912
Launched	May 29 th 1912
By whom built	Messrs. SHARP BROS. L ^{td}
Owners	THE CHARLTON STEAM SHIPPING CO. L ^{td}
Managers	Messrs. CHARLTON, M ^{rs} ALLUM & C ^o
(Where necessary to be entered in Reg. Book.)	
Residence	NEWCASTLE
Port belonging to	NEWCASTLE

Destined Voyage *NEWPORT, MON.* Surveyed while Building, Afloat, or in Dry Dock *dry Dock Special Survey*

LENGTH on Deck as per Rule	362	Feet.	9	BREADTH—Moulded	49	Feet.	8	DEPTH, ACTUAL—Top of Floor to top of Upper Dk. Beams	25	Feet.	7	No. of Decks with flat laid	ONE
								Do. do. do. do. Second Dk. Beams				No. of Tiers of Beams	ONE
Moulded depth, ft. 36 ins. 3/4 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 ins.													
Moulded depth, ft. 28 ins. 3/4 To Upper Dk.													

Dimensions of Ship per Register, Length 363.0 breadth 50.0 depth 28.65


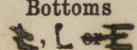
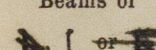
FRAMING.					PILLARS.					KEELSONS & STRINGERS.								
LONGITUDINAL					PILLARS, In 'tween Deck, size and spacing					CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate								
FRAME, Angles, or E or L Bars amidships	6 1/2 x 3 1/2	24	7 1/2	4 1/2	52	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	
Do. in peaks	6 1/2 x 3 1/2	24	7 1/2	4 1/2	52	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	3 1/2	12	
" " at intermdt. Bkts.																		
Spacing of Frames from centre to centre amidships	30				30													
" " length to Collision bulkhead	30				30													
" " in peaks	30				30													
REVERSED FRAME, Angles	8 1/2 x 3 1/2	38	48	5 1/2	38	48	5 1/2	38	48	5 1/2	38	48	5 1/2	38	48	5 1/2	38	
Do. in way of Double Bottoms at Solid Floors																		
" " at intermdt. Bkts.																		
FRAMING, depth of girder																		
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships																		
" in way of Engine and Boiler Spaces																		
" 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																		
" state if flanged (top & bottom)																		
" Spacing of Solid floors	5' 6" to 6' 3"				5' 6" to 6' 3"													
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss.	4 1/2	50	60	5 1/2	4 1/2	50	60	5 1/2	4 1/2	50	60	5 1/2	4 1/2	50	60	5 1/2	4 1/2	
" Angles, Top	3 1/2	3 1/2	48	3 1/2	3 1/2	48	3 1/2	3 1/2	48	3 1/2	3 1/2	48	3 1/2	3 1/2	48	3 1/2	3 1/2	
" Bottom	6	4	54	6	4	54	6	4	54	6	4	54	6	4	54	6	4	
" to Floors	5	5	44	5	5	44	5	5	44	5	5	44	5	5	44	5	5	
Brackets at intermdt. frmg., wdth & thcknss																		
SIDE GIRDERS, number on each side & thcknss	One on each side 36	46	5 1/2	One on each side 36	46	5 1/2	5 1/2	One on each side 36	46	5 1/2	5 1/2	One on each side 36	46	5 1/2	5 1/2	One on each side 36	46	5 1/2
" state if flanged (top and bottom)																		
" Angles (top and bottom)	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48
" to Floors	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48	3 1/2 x 3 1/2	38	48
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44
" Angles to Outside Plating	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2	3 1/2	44
" Floors	6	3 1/2	40	6	3 1/2	40	6	3 1/2	40	6	3 1/2	40	6	3 1/2	40	6	3 1/2	40
Brackets at intermdt. frmg., wdth & thcknss																		
Height of Outside Brackets above at bilge																		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	2 1/2	1 1/2	46	2 1/2	1 1/2	46	2 1/2	1 1/2	46	2 1/2	1 1/2	46	2 1/2	1 1/2	46	2 1/2	1 1/2	46
" in Engine and Boiler space																		
" Remainder in Holds	38			38			38			38			38			38		
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38
" In way of Long Bridge	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38	6 1/2	3	38
" Spacing	36			36			36			36			36			36		
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel																		
" Spacing																		
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	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36
" Angles on upper edge																		
" Spacing	39			39			39			39			39			39		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36
" Angles on upper edge																		
" Spacing	34			34			34			34			34			34		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36	5 1/2	3	36
" Angles on upper edge																		
" Spacing	39			39			39			39			39			39		

Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	60	64	60	64
" " " " (br'dth & thickness in way of Bridge)	60	42	60	42
" " " " Angle (clear of Bridge)	4 1/2 x 4 1/2	62	4 1/2 x 4 1/2	62
" " " " Tie Plate at sides of Hatchways	PLATING	INCREASED		
" " " " Deck * Iron or Steel, for full lng.				
" " " " Thickness (clear of Bridge)		40		40
" " " " (in way of Bridge)		38		38
" " " " Wood Deck. Material & thickness	No wood	DECK LATH.		
Second Deck Stringer Plate, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates outside Hatchways				
" Deck * Iron or Steel, for 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, br'dth & thickness				
" Angles on ditto, No.				
" Tie Plates outside Hatchways				
" Deck. Material & thickness				
Poop Deck Stringer Plate, breadth & thickness				
" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34
" Tie Plates				
" Deck. Material and thickness	STEEL	35		35
Bridge Deck Stringer Plate, br'dth & thickness				
" Angle on ditto	4 1/2 x 4 1/2	56	4 1/2 x 4 1/2	56
" Tie Plates				
" Deck. Material and thickness	STEEL	40	40	34
Forecastle Deck Stringer Plate, br'dth & th'kns				
" Angle on ditto	3 1/2 x 3 1/2	34	3 1/2 x 3 1/2	34
" Tie Plates				
" Deck. Material and thickness	STEEL	34		30

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

GENERAL

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.		AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.		RIVETS IN BRACKETS TO BULKHEADS.						
		In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Number.		Diameter.		
		Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Diam.	Spang.	Inches.						
Framing of 		6 1/2	3 1/2	36	6 1/2	3 1/2	34	6 1/2	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	5 1/4	5	7/8				
Frames in Bridge 'tween Decks...		6 1/2	3 1/2	36	6 1/2	3 1/2	34	6 1/2	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	5 1/4	6	5/8				
Frames from Uppermost Continuous Deck		6 1/2	3 1/2	36	6 1/2	3 1/2	34	6 1/2	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	5 1/4	6	5/8				
Framing from Awning, Shelter or Upper Deck to Margin Plate.		No. 1	6 1/2	3 1/2	36	6 1/2	3 1/2	34	6 1/2	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	5 1/4	6	5/8			
		" 2	6 1/2	3 1/2	36	6 1/2	3 1/2	34	6 1/2	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	5 1/4	6	5/8			
		" 3	7	3 1/2	36	6 1/2	3 1/2	34	7	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	4 1/8 for 10 girders on side	6	5/8			
		" 4	7	3 1/2	36	6 1/2	3 1/2	34	7	3 1/2	36	6 1/2	3 1/2	34	7/8	5 1/4	do. do.	6	5/8			
		" 5	8	3 1/2	40	6 1/2	3 1/2	36	8	3 1/2	40	6 1/2	3 1/2	36	7/8	5 1/4	do. do.	7	5/8			
		" 6	8	3 1/2	44	7	3 1/2	38	8	3 1/2	44	7	3 1/2	38	7/8	5 1/4	do. do.	7	5/8			
		" 7	9	3 1/2	44	7	3 1/2	40	9	3 1/2	44	7	3 1/2	40	7/8	5 1/4	3 1/2 for 10 girders on side	8	5/8			
		" 8	9 1/2	3 1/2	44	8	3 1/2	40	9 1/2	3 1/2	44	8	3 1/2	40	7/8	4 3/8	do. do.	8	5/8			
		" 9	9 1/2	3 1/2	52	8 1/2	3 1/2	44	9 1/2	3 1/2	52	8 1/2	3 1/2	44	7/8	4 3/8	do. do.	8	5/8			
		" 10	7	3 1/2	36	9	3 1/2	44	7	3 1/2	36	9	3 1/2	44	7/8	4 3/8	3 1/2 for 4 girders on side	6	5/8			
		" 11				9 1/2	3 1/2	48				9 1/2	3 1/2	48								
		" 12				9 1/2	3 1/2	48				9 1/2	3 1/2	48								
" 13																						
" 14																						
" 15																						
" 16																						
Spacing of Longitudinal Frames		Amidships			30			At Ends			30											
Double Bottoms		Tank Top Longitudinals			7 1/2			3			40			7 1/2		3			36			
		Bottom			8			3 1/2			50			8		3 1/2			46			
Spacing of Longitudinals		Amidships			30			At Ends			30											
		30 reduced to 2' at collision bulkheads																				
Transverses.														Rivets in Lugs to Shell								
In Bridge 'tween Decks		Depth and Thickness			14			38			14			38								
		Face Angles			5			3 1/2			40			5			3 1/2			40		
		Lugs to Shell*			3 1/2			3 1/2			38			3 1/2			3 1/2			38		
In Awning, Shelter or Upper 'tween Decks.		Depth and Thickness			26 1/2			35			26 1/2			35								
		Face Angles			9			3 1/2			74			9			3 1/2			74		
		Lugs to Shell*			5			5			46			5			5			46		
In Hold.		Depth and Thickness			26 1/2			35			26 1/2			35								
		Face Angles			9			3 1/2			74			9			3 1/2			74		
		Lugs to Shell*			5			5			46			5			5			46		
		Brackets																				
Spacing of Transverse Frames																						
		* State if joggled or liners.																				
Longitudinal Beams of 		Bridge Deck			5 1/2			3			36			5 1/2			3			36		
		Upper			6 1/2			3			38			6 1/2			3			38		
		Second																				
		Third																				

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., to be entered in their respective places provided for on the Report Forms.

NOTE:—This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, etc., on the first page.

200,6,12.—T.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 34.0 ft., R.Q.D. ☒ ft., Bridge 117.0 ft., Forecastle 36.25 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 it should appear in the Register Book) One Deck. Longitudinal Framing.

Official No. 133508; Signal Letters —

State if Machinery is fitted aft No.

How are the surfaces preserved from oxidation? Inside ROPSLAND CEMENT AND 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.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	113.0	401	Fore peak tank.		78
Double bottom, under Engines and Boilers,	41.0	182	After peak tank.		100
Double bottom, if under Engines only,	—	—	Deep tank, aft,		—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,		—
Double bottom, forward,	160.5	589	Other tanks, if fitted,		—
	Total capacity of double bottom	1172	(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. 5010

Date 28.12.11

No. 374 in builder's yard.

DATES OF SURVEYS held while building

1911 Nov. 20, Dec. 11, 12, 14, 18, 19, 21, 28, Jan. 4, 5, 8, 9, 11, 12, 15, 17, 19, 23, 24, 25, 27, 29, 31, Feb. 8, 12, 13, 15, 16, 20, 21, 22, 26, 27, 28, 29, Mar. 5, 6, 7, 8, 12, 15, 18, 20, 22, 26, 28, 29, Apr. 1, 2, 4, 11, 15, 16, 18, 22, 24, 25, 26, 29, 30, May. 1, 2, 3, 6, 8, 9, 10, 12, 14, 15, 16, 17, 20, 21, 23, 24, June. 4, 20, 21, 24, 25, 28, Jul. 1, 3, 4, 5, 8, 9, 10, 11, 12, 15, 16, 18, 19, 20, 22, 23

Total No. of Visits 100

Surveyor's Signature

Lloyd's Register Foundation