

1 or 2 Dks., R.O.Dk.,

IRON OR STEEL STEAMER.

No. 11845

and Pt. Awng. Dk.

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

Received at London Office

Date of completion of Report

3rd June 1902

Port of WEST HARTFORD

Date, First Survey

19th Oct. 1901

Last Survey

28th May, 1902

Survey held at

Whitby and Stockton

On the

Steamer "Broomfield"

Rig

Schooner

Master

H. Hewson

TONNAGE under Tonnage Deck	2235.94
Do. of Poop	17.80
Do. of Raised Qr.	
Do. of Break.	
Do. of Bridge House	
Do. of Forecastle	30.33
Do. of Hous on Deck	71.97
Do. of excess of Hatchways	33.63
Do. above Crown of Engine Room	
Gross Tonnage	2385.67
Less Crew Space	62.78
Less above Crown of Engine Room	
TONNAGE FOR FEES	2322.89
Less Engine Room	763.41
Less Navigation Spaces	33.14
Register Tonnage as cut on Beam	1526.34

ONE OR TWO DECKED VESSEL.

CLASS 100A1

FEET.

Year of appointment

(1) As master in service of owner of present vessel: 1898
(2) As master of this vessel: 1902

Half Breadth (moulded)	21.92
Depth from upper part of Keel to top of Deck Bms. (with the normal round up of beam)	23.92
Girth of Half Midship Frame (as per Rule)	40.7
1st Number	86.54
Length on deck from after part of stem to fore part of stern post	300.0
2nd Number	25962
Proportions—Breadths to Length	6.84
Depths to Length	12.54

Built at	Whitby
When built	1902
Launched	10th April 02
By whom built	J. Turnbull & Son
Owners	J. Turnbull & Son
Managers	
(Where necessary to be entered in Reg. Book)	
Residence	Whitby
Port belonging to	Whitby

Destined Voyage Atlantic # Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck as per Rule	Feet. 300	Inches. 0	BREADTH—Moulded	Feet. 43	Inches. 10	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	Feet. 21	Inches. 10	No. of Decks with Flat laid	one	No. of Tiers of Beams	one
Dimensions of Ship per Register, Length, 301.72 breadth, 44.05 depth, 21.85 Moulded Depth, 23 ft. 0 ins. Round of Beam, Actual 11 ins.												

FRAMING.					FORGINGS AND CASTINGS.					Inches in Ship.		Inches per Rule Or as Approved.	
NAME, Angles, 7, E or L, for 1/2 length amidships	5 1/2	3 1/2	8	5 1/2	3 1/2	8	KEEL, Bar or Side Plates depth and thickness	10 x 2 3/4	10 x 2 3/4				
Do. for 1/2 at each end	5 1/2	3 1/2	7	5 1/2	3 1/2	7	STEM, moulding and thickness	10 x 6	10 x 6				
Do. in way of Double Bottoms at Solid Floors	5 1/2	3 1/2	8 1/2	5 1/2	3 1/2	8 1/2	STERN-POST for Rudder do. do.	8	8				
" " at intermdt. Bkts.							" for Propeller	6	6 1/2 x 4				
Distance of Frames from moulding edge to moulding edge, all fore and aft	24			24			MAIN PIECE of Rudder, diameter at head	8	8				
REVERSED FRAME, Angles	4	3 1/2	8	4	3 1/2	8	do. at heel	6	6 1/2 x 4				
DECK FRAMING, depth of girders							RUDDER, how constructed	built forging single plate					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	25	10	25	10			Can the Rudder be unshipped afloat?	yes					
" in way of Engines and Boilers	6 1/2	13 1/2	8 1/2	6 1/2	13 1/2	8 1/2	KEELSONS AND STRINGERS.						
thickness at the ends of vessel							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	20	11	20	11		
depth at 1/2 the half breadth, as per Rule							" Rider Plate	14	14	13 1/4	14		
height extended at the Bilges	7						" Bulb Plate to Intercoastal Keelson	9	9		9		
DOORS & BRACKETS, in C&B Double Bottoms							" Horizontal Plates on Floors	6 1/2	4	9.8	6 1/2		
" " Distance apart							" Angles	6 1/2	4	9.8	6 1/2		
" " " " "							SIDE KEELSON, Angles	6 1/2	4	9.8	6 1/2		
" " " " "							" Bulb or Plate above floors for	10 1/2	10	10 1/2	10		
" " " " "							" Intercoastal Plate for						
" " " " "							" Attached to outside plating with Angle	3 1/2	3 1/2	9	3 1/2		
" " " " "							BILGE KEELSON, Angles	6 1/2	4	9	6 1/2		
" " " " "							" Bulb or Plate above floors for	10 1/2	10	10 1/2	10		
" " " " "							" Intercoastal Plate for						
" " " " "							" Attached to outside plating with Angle						
" " " " "							BILGE STRINGER Angles						
" " " " "							" Bulb Plate for						
" " " " "							" Intercoastal Plate for						
" " " " "							" Attached to outside plating with Angle						
" " " " "							SIDE STRINGER Angles	6	4	12	6		
" " " " "							" Bulb or Intercoastal Plate for	4	3 1/2	8	4		
" " " " "							" Attached to outside plating with Angle	4	3 1/2	8	4		
" " " " "							MAIN AND RAISED QUARTER DECK STRINGER	43-37	12.8	43-37	12.8		
" " " " "							Plate, breadth and thickness	4 1/2	4 1/2	10.9	4 1/2		
" " " " "							" Angle on ditto	7 1/2	7 1/2	9.8	7 1/2		
" " " " "							" Tie Plates fore & aft, outside Hatchways	5 1/2	5 1/2	5 1/2	5 1/2		
" " " " "							" Diagonal Tie Plates on Bms, No. of Pairs	7-6	7-6	7-6	7-6		
" " " " "							" Main Dk* Iron Steel for whole						
" " " " "							" R.O.Dk* Iron Steel for						
" " " " "							" Wood Deck, Material & thickness						
" " " " "							LOWER DECK STRINGER PLATE, breadth and thickness						
" " " " "							" Angle on ditto, No.						
" " " " "							" Tie Plates, outside Hatchways						
" " " " "							" Deck, Material and thickness						
" " " " "							HOLD STRINGER PLATE						
" " " " "							" Angle on ditto, No.						
" " " " "							POOP DECK STRINGER PLATE, breadth & thickness	24	8	24	8		
" " " " "							" Angle on ditto	3 1/2	3 1/2	8	3 1/2		
" " " " "							" Tie Plates	5 1/2	5 1/2	5 1/2	5 1/2		
" " " " "							" Deck, Material and thickness	31	9	31	9		
" " " " "							BRIDGE DECK STRINGER PLATE, brdth & thickness	3 1/2	3 1/2	8	3 1/2		
" " " " "							" Angle on ditto	5 1/2	5 1/2	5 1/2	5 1/2		
" " " " "							" Tie Plates	5 1/2	5 1/2	5 1/2	5 1/2		
" " " " "							" Deck, Material and thickness	24	8	24	8		
" " " " "							FORECASTLE DECK STRINGER PLATE, brdth & thcknss	3 1/2	3 1/2	8	3 1/2		
" " " " "							" Angle on ditto	12	7	12	7		
" " " " "							" Tie Plates	3	3	3	3		
" " " " "							" Deck, Material and thickness						
" " " " "							* If Iron or Steel Deck state if whole or part, and if wood deck is laid thereon.						
WEB FRAMES, In Fore Body, No. and Spacing							BULKHEADS.						
" " " " " Brdth. & Thickness							Number.						
" " " " " No. of Side Stringers							In Vessel.						
WEB FRAMES, In E. & B. Space, No. & Spacing							Per Rule.						
" " " " " Brdth. & Thickness							Thickness.						
WEB FRAMES, In After Body, No. and Spacing							Horizontal.						
" " " " " Brdth. & Thickness							Size.						
" " " " " No. of Side Stringers							Spacing.						
" " " " " Size of Angle							Vertical.						
BRACKET PLATES to Stringers between							Size.						
Web Frames, Depth and Thickness							Spacing.						

