

1 or 2 Decks.

IRON OR STEEL STEAMER.

Received at London on 29 DEC 1892

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

Date of completion of Report 24<sup>th</sup> December

Port of Sunderland

No. 16499 Survey held at Sunderland Date, First Survey 18 August 92 Last Survey 19<sup>th</sup> Dec 1892

On the Steel screw steamer "BATCLIFF"

YARD No. 223 Rig Schooner (2 masts)

Master J. Skelton

Year of appointment (1) As master in service of owner of present vessel: 1892 (2) As master of this vessel: 1892

Built at Sunderland

When built 1892 Launched 18 November

By whom built Messrs Short Bros.

Owners H. C. Pelly

Managers

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

Residence London

Port belonging to London

and Surveilled while Building, Afloat, or in Dry Dock

TONNAGE under Tonnage Deck...	683.94
Do. of Poop	
Do. of Raised Or. Dk. or Break..	73.06
Do. of Bridge House	18.40
Do. of Houses on Deck (LOCALS)	21.1
Do. of excess of Hatchways	30.24
Do. of Forecastle	
Do. above Crown of Engine Room ..	
Gross Tonnage	891.83
Less Crew Space	36.73
Less above Crown of Engine Room ..	
TONNAGE FOR FEES ..	765.10
Less Engine Room	256.59
Less Navigation Spaces	
Register Tonnage	508.51
cut on Beam ..	

ONE OR TWO DECKED VESSEL.

CLASS 100 A.1.

FEET.

Half Breadth (moulded) .....	17.91
Depth from upper part of Keel to top of Main Deck Bms.	16.7
Girth of Half Midship Frame (as per Rule) .....	32.06
1st Number .....	66.67
Length .....	168.83
2nd Number .....	112.55
Proportions—Breadths to Length .....	4.7
Depths to Length—Main Deck to top of Keel.....	10.10
Destined Voyage London	

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of Engines	Horse.	No. of Decks with Flat laid	No. of Tiers of Beams
as per Rule .....	168	10	Moulded .....	35	10	Top of Floors to Main Deck Beams.	13	11 1/2	120	120	One	One web frames

Dimensions of Ship per Register, Length, 170.0 breadth, 36.0 depth, 13.7.

Moulded Depth, ft. 16 ins. 0

Round of Beam 8 1/2 inches.

FORGINGS AND CASTINGS.

HEEL, Bar or Side Plates depth and thickness	Inches in Ship.	Inches per Rule.
STEM, moulding and thickness .....	7 x 2 1/2	7 x 2 1/2
STERN-POST for Rudder do. do. ....	7 x 4 1/4	7 x 4 1/4
" for Propeller .....	7 x 4 1/4	7 x 4 1/4
MAIN PIECE of Rudder, diameter at head....	4 3/4	4 3/4
do. at heel ....	2 3/4	2 3/4
RUDDER, how constructed Forged and plated		
Can the Rudder be unshipped afloat? yes.		

FRAMING.

FRAME, Angles, or Bars, for 1/2 length amidships	Inches in Ship.	Inches per Rule.
Do. for 1/2 at each end .....	6 3 8	6 3 8
Do. in way of Double Bottoms .....	3 3 7	3 3 7
Distance of Frames from moulding edge to moulding edge, all fore and aft .....	- 23 -	- 23 -
REVERSED FRAME, Angles .....	3 2 1/2 6	3 2 1/2 6
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships .....	Cellular double bottom	
in way of Engines and Boilers .....		
thickness at the ends of vessel .....		
depth at 1/2 the half breadth, as per Rule ..		
height extended at the Bilges .....		
FLOORS & BRACKETS, in Cell Dble Bottoms	33 - 6	33 - 6
" Distance apart .....	- 46 -	- 46 -
NTRE GIRDER, in Double Bottom, depth and thickness .....	33 - 8	33 - 8
" Angles, Top 3 1/2 x 3 1/2 x 7 Bottom	4 1/2 3 7	4 1/2 3 7
DE GIRDERS, number and thickness .....	Two - 6	Two - 6
" Angles .....	3 2 1/2 1/16	3 2 1/2 1/16
MARGIN PLATE, depth (exclusive of flange) and thickness .....	30 - 7	19 - 7
" Angles .....	3 1/2 3 1/2 7	3 1/2 3 1/2 7
NER BOTTOM PLATING, breadth and thickness of Middle Line Strake	63 - 1/16	33 - 1/16
" thickness in Engine and Boiler space	- 1/16 -	- 1/16 -
" " Remainder in Holds.....	- 1/16 -	- 1/16 -
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6 3 8	6 3 8
Angles on Upper Edge .....		
Average space .....	- 23 -	- 23 -
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb .....		
Angles on Upper Edge .....		
Average space .....		
S, Hold, Plate or Tee Bulb .....		
Angles on Upper Edge .....		
Average space .....		
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb .....		
Angles on Upper Edge .....		
Average space .....		
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb .....	5 3 7	5 3 7
Angles on Upper Edge .....		
Average Space .....	- 46 -	- 46 -
S, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb .....	5 3 7	5 3 7
Angles on Upper Edge .....		
Average space .....	- 46 -	- 46 -
LARS, In 'tween Decks, Size and Spacing		
" Hold	3 1/2 x 3 spaced as per Rules	
FRAMES, In Fore Body, No. and Spacing	Four 6 1/2 x 4 spaced 7 frames	
" " Brdth. & Thickness	15 - 7	15 - 7
No. of Side Stringers .....	One 15 x 7 and angle stringer	
FRAMES, In After Body, No. and Spacing	Four 6 1/2 x 4 spaced 7 frames	
" " Brdth. & Thickness	15 - 7	15 - 7
No. of Side Stringers .....	Two 15 x 7 Two 15 x 7	
Size of Angles or Tee Bars to Web Frames	5 1/2 3 10 5 1/2 3 10	
NET PLATES to Stringers between Frames, Depth and Thickness .....		

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule.	Inches per Rule.	20ths per Rule.
" Rider Plate .....						
" Bulb Plate to Intercoastal Keelson .....						
" Horizontal Plates on Floors .....						
" Angles .....						
SIDE KEELSON, Angles .....						
" Bulb or Plate above floors for lng						
" Intercoastal Plate for length						
" Attached to outside plating with Angle..						
BILGE KEELSON, Angles .....						
" Bulb or Plate above floors for len.						
" 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 STRINGER Angles .....	4 1/2 3 7	4 1/2 3 7				
" Bulb or Intercoastal Plate for lng.						
Main and Raised Quarter Deck Stringer Plate, on ends of Beams, breadth & thickness	2 1/2 8	2 1/2 8				
" Angle on ditto .....	3 1/2 x 3 1/2 x 7	3 1/2 x 3 1/2 x 7				
" Tie Plates fore & aft, outside Hatchways ..	Deck plating increased					
" Diagonal Tie Plates on Bms., No. of Pairs						
" Flat of Dk* Iron or Steel for whole lng.	7-6 1/2 16	7-6 1/2 16				
" " Wood Material and thickness	- -	- -				
" How fastened to Beams riveted						
Lower Deck Stringer Plate, on ends of Beams, breadth and thickness .....						
" Angles on ditto, No. ....						
" Tie Plates, outside Hatchways .....						
" Flat of Deck* Material and thickness .....						
" How fastened to Beams						
Hold Stringer Plate, on ends of Beams .....						
" Angles on ditto, No. ....						
Poop Deck Stringer Plate, breadth & thickness						
" Angle on ditto .....						
" Tie Plates .....						
" Flat of Deck, Material and thickness .....						
Bridge Deck Stringer Plate, brdth & thickness	5 1/2 6	radius plate				
" Angle on ditto .....						
" Tie Plates .....	deck plate 1/2 thick					
" Flat of Deck, Material and thickness .....	Pine 3" thick					
Forecastle Deck Stringer Plate, brdth & thickness	13 1/16	13 1/16				
" Angle on ditto .....	3 x 3 x 1/16	3 x 3 x 1/16				
" Tie Plates .....	deck plate 12 1/16	12 1/16				
" Flat of Deck, Material and thickness .....	Pine 3" thick					

PLATING.

FLAT PLATE KEEL, breadth and thickness ..	33	12	33	13
" d'bling or incr'd thickness, & lngth appl.				
PLATES in Garboard Strakes, brdth & thickness	46	9	46	9
" From Garboard to lower part of Bilges ..		8		8
" State Thickness of Plating in way of Double Bottom.				
" Bilges, number of Strakes and thickness ..	Two	9	Two	9
" Of doubling at Bilge, or increased thickness, and length applied whole length				
" from up. part of Bilge to lr. edge of Sh'rstrake		8		8
" Sheerstrake, breadth and thickness .....	5 1/2 10	5 1/2 10		
" Of d'bling at Sh'stk. & lng. applied 1 1/2 ft at break		8		8
" Poop Sides .....				
" Raised Quarter Deck Sides .....				
" Bridge Sides .....				
" Forecastle Sides .....				
Lengths of Plating				

*See entry in Lloyd's Register of British and Foreign Companies*

