

~~IRON OR~~ STEEL STEAMER.

Received at London Office. WED. 24 OCT 1906

Date of completion of report <u>22nd Oct. 1906</u>		State if Report is also sent on the Machinery of the Vessel <u>yes.</u>	
Survey held at <u>West Hartlepool</u>		Port of <u>WEST HARTLEPOOL</u>	No. <u>13099</u>
On the <u>S.S. "Harley"</u>		Date, First Survey <u>8th May, 1906</u>	Last Survey <u>20th Oct. 1906</u>
Tonnage under Tonnage Deck... <u>3872.41</u>		Rig <u>Schooner</u>	
Do. between Tonnage Dk. and 3rd and 4th Dk. <u>3872.41</u>		Master <u>W. C. Pope</u>	
Total under Upper Dk. <u>3872.41</u>		Year of appointment <u>1906</u>	
Do. of Poop <u>16.37</u>		(1) As Master in service of owner of present vessel: <u>1906</u>	
Do. of Bridge House <u>44.60</u>		(2) As Master of this vessel: <u>1906</u>	
Do. of Forecastle <u>76.66</u>		Built at <u>West Hartlepool</u>	
Do. of Houses on Dk. <u>50.23</u>		When built <u>1906</u> Launched <u>3rd Sept</u>	
Do. of excess of Hatchways <u>105.70</u>		By whom built <u>Furness, Withy & Co. Ltd</u>	
Do. above Crown of Engine Room <u>4170.97</u>		Owners <u>J & C. Harrison Ltd</u>	
Gross Tonnage <u>78.84</u>		Managers <u>(Where necessary to be entered in Reg. Book)</u>	
Less Crew Space <u>105.70</u>		Residence <u>London</u>	
Less above Crown of Engine Room <u>3986.43</u>		Port belonging to <u>London</u>	
TONNAGE FOR FEES. <u>1334.71</u>			
Less Engine Room <u>50.23</u>			
Less Navigation Spaces <u>2707.40</u>			
Register Tonnage <u>as cut on Beam</u>			

THREE DECKED VESSEL.		FEET.
CLASS <u>100 A</u>		
Half Breadth (moulded)	<u>25.0</u>	
Depth from upper part of Keel to top of Upper Deck Beams (with the normal round up of beam)	<u>30.0</u>	
Girth of Half Midship Frame (as per Rule)	<u>50.5</u>	
	<u>105.5</u>	
	deduct 7 feet	<u>7.0</u>
1st Number	<u>98.5</u>	
Length on deck from after part of stem to fore part of stern post	<u>358</u>	
2nd Number	<u>35263</u>	
Proportions—Breadth to Length	<u>7.16</u>	
Depth to Length—Upper Deck to top of Keel	<u>11.93</u>	
Main Deck ditto	<u>—</u>	
Destined Voyage <u>River Plate via Cardiff</u> Surveyed while Building <u>Afloat, or in Dry Dock</u>		

LENGTH on Deck as per Rule	Feet. 358	Inches. —	BREADTH— Moulded	Feet. 50	Inches. —	DEPTH, ACTUAL— Top of Floor to top of Upper Dk. Beams Do. do. do. do. Main Dk. Beams	Feet. 26	Inches. 4 1/2	No. of Decks with flat laid No. of Tiers of Beams	One Two
Dimensions of Ship per Register, Length 359.8 breadth 50.2 depth 26.4 Moulded depth, ft. 29 ins. — To Upper Dk. Round of Upper Dk. Beam, Actual } 12 ins.										

FRAMING.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	
FRAME, Angle or L, E or Bars for length amidships		10 3 1/2	12 10	3 1/2 12			KEEL, Bar or Side Plates, depth and thickness							
Do. for 1/2 at each end		10 3 1/2	11 10	8 1/2 11			STEM, moulding and thickness	Cast & forged	11 x 3			11 x 3		
Do. in way of Double Bottoms at Solid Floors		Floors flanged top and bottom.					STERN-POST for Rudder do. do	Cast Steel	11 x 7			11 x 7		
" " at intermdt. Bkts.							" for Propeller	Cast & forged	11 x 7			11 x 7		
Distance of Frames from moulding edge to moulding edge, all fore and aft		24			24		MAIN PIECE of Rudder, diameter at head	Cast & forged	9 1/2			9 1/2		
" " " " " "							" do. at heel	7 1/2			7 1/2			
REVERSED FRAME, Angles							RUDDER, how constructed	Single plate as per approved plan						
DEEP FRAMING, depth of girder							Can the Rudder be unslopped about?	Yes.						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships							KEELSONS & STRINGERS.							
" in way of Engines and Boilers							CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
thickness at the ends of vessel							" Rider Plate							
depth at 1/2 the half breadth, as per Rule							" Bulb Plate to Intercoastal Keelson							
height extended at the Bilges							" Horizontal Plates on Floors							
FLOORS & BRACKETS in Cell Dble Bottoms	43		9	43		9	" Angles							
" Distance apart	24			24			SIDE KEELSON, Angles							
ENTRE GIRDER, in Double bottom, depth and thickness	43		10	43		10	" Bulb or Plate above floors, for	Ing.						
" Angles, Top	4	4	10	4	4	10	" Intercoastal Plate, for	length						
" Bottom	4 1/2	4 1/2	12	4 1/2	4 1/2	12	" Attached to outside Plating with Angle							
IDE GIRDERS, number on each side & thickness	3 1/2	3 1/2	9	3 1/2	3 1/2	9	BILGE KEELSON, Angles							
" Angles	3 1/2	3 1/2	8	3 1/2	3 1/2	8	" Bulb or Plate above floors, for	Ing.						
MARGIN PLATE, depth (exclusive of flange) and thickness	3 1/2	10	3 1/2	10			" Intercoastal Plate for	length						
" Angles to Outside Plating	4	4	9	4	4	9	" Attached to outside Plating with Angle							
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	60		10	60		10	BILGE STRINGER Angle	6 1/2	4 1/2	13	6 1/2	4 1/2	13	
" in Engine and Boiler space	12		12				" Bulb Plate for	length						
Remainder in Holds	8 1/2	3 1/2	11	8 1/2	3 1/2	11	" Intercoastal Plate for	whole	length	10		10		
DECK BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 1/2	3 1/2	11	8 1/2	3 1/2	11	" Attached to outside Plating with Angle	3 1/2	3 1/2	10	3 1/2	3 1/2	10	
" Angles on upper edge							SIDE STRINGER Angles	6 1/2	4 1/2	13	6 1/2	4 1/2	13	
" Average space	24			24			" Bulb or Intercoastal Plate, for	whole	Ing.	10		10		
DECK BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	13		11	13		11	" Attached to outside plating with Angle	3 1/2	3 1/2	10	3 1/2	3 1/2	10	
" Angles on upper edge	6	4	9	6	4	9	Upper Deck Stringer Plates, br'dth & thickness	57	10		57	10		
" Average space	24			24			" Angle on ditto	4 1/2 x 4 1/2	11		4 1/2 x 4 1/2	11		
DECK BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	6	4	9	6	4	9	" Tie Plates fore and aft, outside Hatchways							
" Angles on upper edge							" Deck * Iron or Steel, for	Ing.						
" Average space	24			24			" Wood Deck. Material & thickness							
DECK BEAMS, Hold, or Orlop, Plate or Tee Bulb	6	3	9	6	3	9	Middle Deck Stringer Plate, br'dth & thickness	72	10		72	10		
" Angles on upper edge							" Angles on ditto, No. 2	4 1/2 x 4	9		4 1/2 x 4	9		
" Average space	24			24			" Tie Plates outside Hatchways							
DECK BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3	9	" Diagonal Tie Plates on Bms., No. of prs.							
" Angles on upper edge							" Deck * Iron or Steel, for	Ing.						
" Average space	24			24			" Wood Deck. Material & thickness							
DECK BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7 1/2	3	9	7 1/2	3	9	Lower Deck Stringer Plate, br'dth & thickness							
" Angles on upper edge							" Angles on ditto, No.							
" Average space	24			24			" Tie Plates, outside Hatchways							
PILLARS, In 'tween Deck, size and spacing	3 1/2	48		3 1/2	48		" Deck * Material and thickness							
" Hold	3 1/2	48		3 1/2	48		Hold, or Orlop Stringer Plate, br'dth & thickn's							
" Quarter	3 1/2	48		3 1/2	48		" Angles on ditto, No.							
" in Hold	3 1/2	48		3 1/2	48		" Tie Plates outside Hatchways							
WEB-FRAMES, In Fore Body, No. and spacing	1	10	24	1	10	24	" Deck. Material and thickness							
" No. of Side Stringers	1	10	24	1	10	24	Poop Deck Stringer Plate, br'dth & thickness	42	7		42	7		
WEB-FRAMES, In E. & B. Space, No. & spacing	1	10	24	1	10	24	" Angle on ditto	3 1/2 x 3 1/2	7		3 1/2 x 3 1/2	7		
" br'dth. & thickness	1	10	24	1	10	24	" Tie Plates							
WEB-FRAMES, In After Body, No. and spacing	1	10	24	1	10	24	" Deck. Material and thickness	Steel	6		6			
" br'dth. & thickness	1	10	24	1	10	24	Bridge Deck Stringer Plate, br'dth & thickness	42	10		42	10		
" No. of Side Stringers	1	10	24	1	10	24	" Angle on ditto	4 1/2 x 4 1/2	11		4 1/2 x 4 1/2	11		
" Size of Angles or Tee Bars to Web-Frames	1	10	24	1	10	24	" Tie Plates							
BRACKET PLATES to Stringers between Web Frames, depth and thickness	1	10	24	1	10	24	" Deck. Material and thickness	Steel	8		8			
	1	10	24	1	10	24	Forecastle Deck Stringer Plate, br'dth & th'kns	5	5		5	5		
	1	10	24	1	10	24	" Angle on ditto	3 1/2 x 3 1/2	7		3 1/2 x 3 1/2	7		
	1	10	24	1	10	24	" Tie Plates	Steel deck	5		5			
	1	10	24	1	10	24	" Deck. Material and thickness	2 1/2 fl. pine			2 1/2			
	1	10	24	1	10	24	STIFFENERS.							
	1	10	24	1	10	24	BULKHEADS.	Number.	Thickness.	Horizontal.	Vertical.	Single or Double Frames.	Height up	
	1	10	24	1	10	24	W. T. BULKHEADS	In Vessel.	Per Rule.	Inches.	Inches.	Inches.	Inches.	
	1	10	24	1	10	24	PARTITION	6	6	7-7	7 1/2 x 4 1/2	48	7 1/2 x 4 1/2	48
	1	10	24	1	10	24	LONGITUDINAL			8.0.	13.0.			
	1	10	24	1	10	24	Are the outside Plates doubled two spaces of Frames in length?							
	1	10	24	1	10	24	Are the Chain Valves and Watertight Doors in efficient working order?							

