

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

# IRON OR STEEL STEAMER.

No. 22846

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

Received at London Office.

Date of completion of Report *Aug 11<sup>th</sup> 1910.*

Port of Hull.

Date, First Survey *Sep. 25/09.*

Last Survey *Aug 4<sup>th</sup> 1910.*

Rig Schooner

Survey held at Hull

On the Steam Steamer "ACCRINGTON."

ONE OR TWO DECKED VESSEL.

CLASS 100A1.

Master A. J. H. Chaper

Year of appointment

(1) As master in service of owner of present vessel. - 10  
(2) As master of this vessel. 1910

TONNAGE under	1097.53
Tonnage Deck	66.58
Do. of Poop	
Do. of Raised Or.	
Dk. or Break.	
Do. of Bridge House	194.20
Do. of Forecastle	22.77
Do. of Houses on Deck	166.94
Do. of excess of Hatchways	6.68
Do. above Crown of	74.79
Engine Room	
Gross Tonnage	1629.49
Less Crew Space	67.67
Less above Crown of	74.79
Engine Room	
TONNAGE FOR FEES	1487.03

Half Breadth (moulded)	17.91
Depth from upper part of Keel to top of Main Deck Bms. (with the normal round up of beam)	19.25
Girth of Half Midship Frame (as per Rule)	33.75
1st Number	40.91
Length on deck from after part of stem to fore part of stern post	263.59
2nd Number	186.91
Proportions—Breadths to Length	7.30
Depths to Length—Main Deck to top of Keel	13.70
Destined Voyage	Grimsey to load If Surveyed while Building, Afloat, or in Dry Dock

Built at Hull  
When built 1910 Launched 4<sup>th</sup> June  
By whom built Earle's Shipbuilding & Eng. Co. Ltd.  
Owners Great Central Railway.  
Managers  
(Where necessary to be entered in Reg. Book.)  
Residence Grimsby.  
Port belonging to Grimsby.

LENGTH on Deck as per Rule	263	Feet.	7	Inches.	BREADTH—Moulded	35	Feet.	10	Inches.	DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams	17	Feet.	5	Inches.	No. of Decks with Flat laid	Two.	No. of Tiers of Beams	Two.
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Dimensions of Ship per Register, Length, 265.0 breadth, 36.0 depth, 17.45. Moulded Depth, 18 ft. 6 ins. Round of Beam, Actual 9 ins.

FRAMING.							FORGINGS AND CASTINGS.						
	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
FRAME, Angles, 7-E or L Bars, for 1/2 length amidships	5 1/2	3	21	5 1/2	3	18	KEEL, Bars or Side Plates depth and thickness	11	9 x 1 1/2	9 x 1 1/2	9 x 1 1/2	9 x 1 1/2	9 x 1 1/2
Do. for 1/2 at each end	5 1/2	3	18	5 1/2	3	16	STEM, moulding and thickness	9 x 2 1/2	8 x 2 1/2	8 x 2 1/2	8 x 2 1/2	8 x 2 1/2	8 x 2 1/2
Do. in way of Double Bottoms at Solid Floors	4 1/2	3	16	4 1/2	3	14	STERN-POST for Rudder do. do.	9 x 5 1/2	8 1/2 x 5	8 1/2 x 5	8 1/2 x 5	8 1/2 x 5	8 1/2 x 5
Do. in way of Double Bottoms at Intermediate Floors	7	3	16	7	3	14	MAIN PIECE of Rudder, diameter at head	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8	8 5/8
Do. in way of Double Bottoms at Intermediate Floors	7	3	16	7	3	14	do. at heel	6 5/8	6 5/8	6 5/8	6 5/8	6 5/8	6 5/8
acing of Frames from centre to centre	23	20	18	23	20	18	RUDDER, how constructed	Forged iron frame, single plate 3/8"					
EVERSED FRAME, Angles	3	3	16	3	3	14	Can the Rudder be unshipped afloat?	Yes.					
DEEP FRAMING, depth of girder	7			7									
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	2 1/2		21	2 1/2		18	KEELSONS AND STRINGERS.						
Do. in way of Engines and Boilers	2 1/2		21	2 1/2		18	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	33	18	33	18	33	18
Do. thickness at the ends of vessel	16			16		14	do. Rider Plate	24	21	24	21	24	21
Do. depth at 1/2 the half breadth, as per Rule							do. Bulb Plate to Intercoastal Keelson						
Do. height extended at the Bilges							do. Horizontal Plates on Floors						
DOORS & BRACKETS, in Cell Dble Bottoms	2 1/2		21	2 1/2		18	do. Angles (Double angles on top)	4 1/2	4 1/2	21	4 1/2	4 1/2	18
Do. state if flanged (top & bottom)	No			No			do. SIDE KEELSON, Angles (Single)	3 1/2	3 1/2	18	3 1/2	3 1/2	16
Do. Spacing	23	20		23	20		do. Bulb or Plate above floors for space	18	21	18	21	18	18
CENTRE GIRDER, in Double Bottom, depth and thickness	4 1/2		18	4 1/2		16	do. Intercoastal Plate for space length	Shan	16	Shan	16	Shan	16
Do. Angles, Top	4 1/2	4 1/2	23	4 1/2	4 1/2	20	do. Attached to outside plating with Angle	3 1/2	3 1/2	16	3 1/2	3 1/2	14
Do. Bottom							BILGE KEELSON, Angles	5 1/2	4	21	5 1/2	4	18
DE GIRDERS, number on each side & thickness	3		14	3		12	do. Bulb or Plate above floors for lng.						
Do. state if flanged (top & bottom)	No			No			do. Intercoastal Plate for Bulb space length	Shan	16	Shan	16	Shan	16
Do. Angles (Top & Bottom)	5	3	16	5	3	14	do. Attached to outside plating with Angle	3 1/2	3 1/2	16	3 1/2	3 1/2	14
REGIN PLATE, depth (exclusive of flange) and thickness	33		16	33		14	BILGE STRINGER Angles	5	3 1/2	21	5	3 1/2	18
Do. Angles to Outside Plating	3 1/2	3 1/2	16	3 1/2	3 1/2	14	do. Bulb Plate for length						
Do. Floors	3	3	16	3	3	14	do. Intercoastal Plate for full length	10 1/2	9	16	10 1/2	8 1/2	14
Do. Height of Floors at the Bilges		51			51		do. Attached to outside plating with Angle	3 1/2	3 1/2	16	3 1/2	3 1/2	14
VER BOTTOM PLATING, breadth and thickness of Middle Line Strake	35		18	35		16	SIDE STRINGER Angles	5	3 1/2	21	5	3 1/2	18
Do. thickness in Engine and Boiler space			40			40	do. Bulb or Intercoastal Plate for full length	10 1/2	9	16	10 1/2	8 1/2	14
Do. Remainder in Holds		14	16		12	14	do. Attached to outside plating with Angle	3 1/2	3 1/2	16	3 1/2	3 1/2	14
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	5	23	8	5	20	Main and Raised Quarter Deck Stringer Plate, breadth and thickness	43	23	43	23	43	20
Do. Angles on Upper Edge							do. Angle on ditto (in section 4 x 4 x 3/4)	4 1/2	4 1/2	21	4 1/2	4 1/2	18
Do. Spacing		46			46		do. Tie Plates, outside Hatchways						
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8	5	25	8	5	22	do. Diagonal Tie Plates on Bms., No. of Pairs						
Do. Angles on Upper Edge							do. Main Dk* Iron or Steel for full lng.						
Do. Spacing		46			46		do. R. Q. Dk* Iron or Steel for lng.						
AMS, Hold, Plate or Tee Bulb							do. Wood Deck, Material & thickness P. Pine	4 1/2	3	On plan			
Do. Angles on Upper Edge							Lower Deck Stringer Plate, breadth and thickness	33	21	33	21	33	18
Do. Spacing							do. Angles on ditto, No. 2	4 x 4	21	4 x 4	21	4 x 4	18
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	18	7	3	18	do. Tie Plates, outside Hatchways	13	23	13	23	13	20
Do. Angles on Upper Edge							do. Deck* Material and thickness Red Wood	3		3		3	14
Do. Spacing		46			46		Hold Stringer Plate						
AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb	7	3	21	7	3	18	do. Angles on ditto, No.						
Do. Angles on Upper Edge							Poop Deck Stringer Plate, breadth & thickness	26	16	26	16	26	14
Do. Spacing		46			46		do. Angle on ditto	3 1/2 x 3 1/2	14	3 1/2 x 3 1/2	14	3 1/2 x 3 1/2	14
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	7	3	21	7	3	20	do. Tie Plates	15	12	15	12	15	12
Do. Angles on Upper Edge							do. Deck, Material and thickness P. Pine	3		3		3	
Do. Spacing		46			46		Bridge or Pt. Awng. Deck Stringer Plate, breadth and thickness	38	21	38	21	38	18
LARS, In 'tween Decks, Size and Spacing	2 1/2	46		2 1/2	46		do. Angle on ditto	4 1/2 x 4 1/2	21	4 1/2 x 4 1/2	21	4 1/2 x 4 1/2	18
Do. Hold	3 1/2	3 1/2	46	3 1/2	3 1/2	46	do. Tie Plates Deck plating	14		14		14	
Do. Quarter, 'tween Dks.	3 1/2	3 1/2	46	3 1/2	3 1/2	46	do. Deck, Material and thickness P. Pine	3		3		3	
Do. in Hold	4			4			Forecastle Deck Stringer Plate, brdth & thcknss	26	16	26	16	26	14
WEB FRAMES, In Fore Body, No. and Spacing							do. Angle on ditto	3 1/2 x 3 1/2	16	3 1/2 x 3 1/2	16	3 1/2 x 3 1/2	16
Do. Brdth. & Thickness							do. Tie Plates	11	16	11	16	11	14
Do. No. of Side Stringers							do. Deck, Material and thickness P. Pine	3		3		3	
WEB FRAMES, In E. & B. Space, No. & Spacing							BULKHEADS.						
Do. Brdth. & Thickness							In Vessel	Per Rule	Thickness	Horizontal	Vertical	Single or Double Frames	Height up
WEB FRAMES, In After Body, No. and Spacing							5	5	7	4 1/2 x 3	5/20	48	Single Upper
Do. Brdth. & Thickness							W.T. BULKHEADS						
Do. No. of Side Stringers							PARTITION						
Do. Size of Angles or Tee Bars to Web Frames							LONGITUDINAL						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness													

W1037-0012/12



**PLATING.**

STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES Ordinary or Joggled.		RIVETING.		BUTTS.		IF LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to or.	Diam.	Spacing or to or.	Breadth.	Thickness.
FLAT PLATE KEEL.....	36	25	25	25	26	24			1 1/2	5 5/8				
GARBOARD OF A STRAKE...	36	25	25	25	26	24			1 1/2	5 5/8				
State actual thickness in way of Double Bottom.														
B	23	19	19	19	20	20	Double	5 1/2	3/4	3 3/8			9	3 1/2
C	23	19	19	19	20	20								
D	25	19	19	19	22	22								
E	25	21	21	21	22	22								
F	25	21	21	21	22	22								
G	23	19	19	19	20	20								
H	23	19	19	19	20	20								
I	23	19	19	19	20	20								
J	46	23	23	23	46	26								
K	23	25	25	25	20	20	Single	3 1/2						
L	25	25	25	25	22	22								
M														
N														
O														
P														
Double Bottom of Flat Plate Keel														
Length and thickness of Bilges														
of Sheerstrakes. Increased in thickness at forward ends of bridge to 1/2 length to 3/4 at after ends of bridge to 3/4 length														
of Strake below to 3/4 length. The lower strake of bridge side plating and bilge plating increased to 3/4 length for the same distance. (With the same curve.)														
POOP SIDES														
RAISED QUARTER DECK SIDES														
BRIDGE SIDES														
FORECASTLE SIDES														
LENGTHS OF PLATING	10 ft													

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. *Open Heated Mild Steel*  
*Palmer, Cornhill, South Durham.*  
 Has the Steel been tested as required by the Rules. *Yes*

FRAMES extend in one length from Keel to tankside, and tankside to gunwale. (Keel to gunwale in one length) state if ordinary or joggled. *Ordinary*  
 REVERSED FRAMES on floors and frames extend from centre to tankside. state if ordinary or joggled. *Ordinary*

**MASTS, SPARS, &c.**

Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
		At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore	57.5	1 1/2	1 1/2	1 1/2	1 1/2	On			Single	Full
Main	50.7 1/2	1 1/2	1 1/2	1 1/2	1 1/2					
Mizen										

Bowsprit *Yes*  
 Topmasts, *Yes* and Remainder of Spars *Steel pin.*  
 Riggers, Material and Size, Shrouds *Steel wire 3"*  
 Sails. *On* Suit of Sails and the following spare sails. *Stays 3 1/2 - 3"*

Equipment No. 21590 Letter *9*

**ANCHORS.** Tonnage U.D.K. or Plating No. for Trawlers *✓*

Number of Certificate.	Anchors.	WEIGHT, EX STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE.		Description of Anchor.	Makers.	Where and when tested and Superintendent.
		Cwts.	lbs.	Cwts.	lbs.	Tons.	Cwts.			
36043	1st Bower	33	0	33	0	33	0	Ordinary	R. & W. & Co. L.P.H.T. 23-3-10. Penins.	
35705	2nd "	31	3	31	3	31	3	Ordinary	" " " " " " " " " " " "	
35521	3rd "	29	0	29	0	29	0	Ordinary	" " " " " " " " " " " "	
	Collective weight	93	3	93	3	93	3			
35566	Stream	5	2	5	2	5	2	Ordinary	" " " " " " " " " " " "	
35567	Kedge	4	2	4	2	4	2	Ordinary	" " " " " " " " " " " "	

**CHAIN CABLES.**

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and size per Table 22.		Description.	Makers of Cables.	Where and when tested and Superintendent.
	Length.	Diam.		Supplied.	Per Table 22.	Length.	Diam.			
34303	240	1 1/2	5 1/2	34	2	34	2	Ordinary	R. & W. & Co. L.P.H.T. 31-3-10	
34304	240	1 1/2	5 1/2	34	2	34	2	Ordinary	" " " " " " " " " " " "	
Iron Stream Chain	40	1 1/2	20 3/4	30	5	30	5	Ordinary	" " " " " " " " " " " "	

**HAWSERS AND WARPS.**

Number of Certificate.	Length and size supplied.		Test per Certificate.	WEIGHT OF CHAIN CABLE.		Length and size per Table 22.		Description.	Makers of Cables.	Where and when tested and Superintendent.
	Length.	Diam.		Supplied.	Per Table 22.	Length.	Diam.			
34303	240	1 1/2	5 1/2	34	2	34	2	Ordinary	R. & W. & Co. L.P.H.T. 31-3-10	
34304	240	1 1/2	5 1/2	34	2	34	2	Ordinary	" " " " " " " " " " " "	
Iron Stream Chain	40	1 1/2	20 3/4	30	5	30	5	Ordinary	" " " " " " " " " " " "	

Boats, 6 Siphons and one other *Line of engine action*  
 Pumps, Number 2 Downton pumps connected to the main. Diameter of Barrel 5" State whether they are in efficient working order. *Yes*  
 Windlass is by Emerson, Walker & Thompson Bros. Capstan *✓*  
 Engine Room Skylights. How constructed? *Seak*  
 What arrangements for deadlights in bad weather? *Seak flaps and bullseyes.*  
 Coal Bunker Openings. How constructed? *Plates and angles.* How are lids secured? *Patented down* Height above deck? *5'-6"*  
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side, 4 Scuppers, 3 freeing ports 30" x 24".  
 Ceiling in Holds, thickness and material *2 1/2 pin* Cargo Battens, thickness and material *2" pin*  
 Cargo Hatchways. How formed? *Plates and angles* Hatches. If strong and efficient? *3" solid*  
 State size No. 1 Hatch (Forward) 16'-0" x 9'-0" No. 2 Hatch 21'-1" x 12'-0" No. 3 Hatch 11'-6" x 13'-6" No. 4 Hatch *✓*  
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No. 1, 3 Web plates, No. 2, 5 Web plates, No. 3, 1 Web plate. No. 4, 1 Web plate.  
 No. of Breasthooks *Five* No. of Crutches *2 x dup floor.*  
 Bulwarks, height above deck and description *5'-6", 1/2" steel* Main Rail and Stays, material and size *Seak 10 x 3 1/2"*  
 The above is a correct description.  
 Builder's Signature (here only) *F. J. Paley Thompson* Surveyor's Signature *Allison B. Wilson.*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

**Correspondence.**—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) 1909, Sep. 21, 27, Oct. 12, 16  
 Nov. 2, 10, Dec. 4, 9, 20, 1910, Jan. 17, Feb. 5, 24, June 7, (Sm) (6.) 1-11-09.

**Workmanship.** Are the butts of plating planed or otherwise fitted? *Planed.*  
 Is the riveted work properly closed? *Yes*  
 Are the liners between the frames and plates solid single pieces? *Yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *Yes* Are the rivet holes well and sufficiently countersunk in the plate and punched from the facing surfaces? *Yes* Do any rivets break into or through the seams or butts of the plating? *A few.*  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? *Yes*  
 Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? *Yes* State results of tests *Satisfactory.*  
 Have all the gutterways been tested as required by the Rules (Sec. 23, par 25)? *Yes* State results of tests *Satisfactory.*  
 General Remarks (State quality of workmanship, &c.) *Workmanship good.*  
 With the exception that about 15% has been added to the approved scantlings, this vessel has been built in accordance with the approved plans, the Secretary's letters of the above date, and in general conformity to the Rules for the class contemplated.  
 Accompanying this report: Plans of Midship Section, Profile and Decks, Report on Ships' Fittings and Castings (2).  
 This is a sister vessel to the "Deusbury". See Hull Report No. 22659.  
 The Surveyor should state the Number of Report and Name of any Sister Vessel.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop *40.5 ft.*, R.Q.D. or Break *✓* ft., Bridge Dk. *115-0 ft.*, F'castle *32-0 ft.*  
 (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. 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) *1 Dk. (M.W.S.) + pt. dup framing. Lower Dk. in No. 1 + 3 holds.*  
 Official No. *124963.*; Signal Letters *✓* State if Machinery is fitted aft *No*  
 How are the surfaces preserved from oxidation? Inside *Portland 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 *Cellular system*

Where fitted.	*Length.		Water Capacity.	Where fitted.	*Length.		Water Capacity.
	Feet.	Tons.			Feet.	Tons.	
Double bottom, aft,	53.5	73		Fore peak tank,			
Double bottom, under Engines and Boilers,	21.0	46		After peak tank,			
Double bottom, if under Engines only,				Deep tank, aft,			33
Double bottom, if under Boilers only,			176	Deep tank, forward			
Double bottom, forward,	110.5			Other tanks, if fitted,			

Total capacity of double bottom *295* (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. *1806*  
 Date *6/9/09*  
 No. *565* in builder's yard.  
 DATES OF SURVEYS held while building  
 1909. Sep. 25, 28, Oct. 5, 13, 19, 25, Nov. 5, 11, 15, 23, 29, Dec. 3, 4, 6, 14, 18, 21, 24, 25, 26, 1910  
 Jan. 29, Feb. 1, 2, 4, 8, 10, 15, 17, 23, 28, Mar. 4, 7, 17, 21, 22, 23, 30, 31, Apr. 7, 12, 13, 14, 19, 27,  
 May, 6, 9, 10, 13, 24, 27, 31, Jun. 2, 7, 8, 9, 13, 17, 18, 21, 22, 24, 28, 30, July 5, 6, 8, 14, 22,  
 July 27, 28, Aug. 4.  
 Total No. of Visits *71*

The amount of Entry Fee *£ 4 : 0 : 0* Fees applied for, *4.8-1910*  
 Special *£ 62 : 3 : 6* Received by me, *168 19 10/12/10*  
 Travelling Expenses, if any *£* : :  
 State whether the Vessel has been built under Special Survey *Yes.*  
 I am of opinion this Vessel should be Classed *100 A1.*  
 With, or without Freeboard, as condition of Class *Without*

Committee's Minute *TUE. 16 AUG 1910*  
 Character assigned *100 A1*  
*W*  
*Lloyd's 1906 P* + *L.M.B. 8.10*  
 Allison B. Wilson.  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

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