

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office
TUE SEP 26 1911

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

Date of completion of report *23/9/11* Port of *Hull* No. *24241*
 Survey held at *Hull* Date, First Survey *Nov. 11th 1910* Last Survey *22nd Sep. 1911*
 On the *B.S. HARROGATE* Rig *Schooner*
 TONNAGE under Tonnage Deck... *933.29* CLASS *100 A1.* Master *F. B. Boyle*
 Do. between Tonnage Dk. and 3rd and 4th Dk. *105.48* Year of appointment *1897*
 Total under Upper Dk. *1168.32* Built at *Hull*
 Do. of Poop *25.76* When built *1911* Launched *29/6/11*
 Do. of R.Q.Dk. *95.39* By whom built *Earles Shipbuilding & Eng'rs*
 Do. of Bridge House *87.82* Owners *Wilson & North Eastern Railway Shipping Co. Ltd.*
 Do. of Hatchways *95.39* Managers *(Where necessary to be entered in Reg. Book.)*
 Do. of Room *985.11* Residence *Hull*
 Do. of Room *87.82* Port belonging to *Hull.*
 Do. of Room *476.98* Destined Voyage *Antwerp.* If Surveyed while Building, Afloat, or in Dry Dock *yes*

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
255	0	Moulded	36	0	Do. do. do. do.	Second Dk. Beams	15	3	No. of Tiers of Beams

of Ship per Register, Length *255.1* breadth *36.15* depth *15.1* Moulded depth, ft. *25* ins. *4* To Bridge Dk. Round of Upper *9* ins.
 Moulded depth, ft. *17* ins. *4* To Upper Dk. Dk. Beam, Actual

FRAMING.						PILLARS.					
	Ship.	in Ship	in Ship.	per Rule Or as Approved.	per Rule Or as Approved.		Ship.	in Ship.	in Ship.	per Rule Or as Approved.	per Rule Or as Approved.
Angles, or \angle Bars amidships	6 1/2	3	42	6 1/2	3	42	PILLARS, In 'tween Deck, size and spacing	2 1/2	3 3/8	3 3/8	1 per Profile
Peaks	5 1/2	3	38	5 1/2	3	38	" " Hold	"	"	"	"
Way of Double Bottoms at Solid Floors	6 1/2	3	42	6 1/2	3	42	" Quarter 'tween Dks.,	"	"	"	"
at intermdt. Bkts.	4	3	36	4	3	36	" in Hold	"	"	"	"
Frames from centre to centre amidships	23	1	23	23	1	23	KEELSONS & STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.
" " " " from 1/2	23	1	23	23	1	23	CENTRE LINE KEELSON, Vertical Plate above				
" " " " length to Collision bulkhead	23	1	23	23	1	23	floors, Through Plate, or Intercoastal Plate				
" " " " in peaks	23	1	23	23	1	23	Rider Plate				
ED FRAME, Angles	3	3	32	3	3	32	Flat Plate Keel Angles				
Way of Double Bottoms at Solid Floors	6	3	40	6	3	40	Horizontal Plates on Floors				
at intermdt. Bkts.	3	3	42	3	3	42	Angles or Bulb Angles				
G, depth of girder	5 1/2	6 1/2					SIDE KEELSONS, Number				
depth and thickness of Floor Plate	5 1/2	6 1/2					Angles or Bulb Angles				
at mid-line for 1/2 length amidships	5 1/2	6 1/2					Plate above floors, for				
Way of Engine and Boiler Spaces	5 1/2	6 1/2					Intercoastal Plate, for				
Thickness at the ends of vessel	5 1/2	6 1/2					Attached to outside Plating with Angle				
th at 1/2 the half breadth, as per Rule	5 1/2	6 1/2					BILGE KEELSON, Angles				
ght extended at the Bilges	5 1/2	6 1/2					Intercoastal Plate for				
& BRACKETS in Cell Dble Bottoms	34	32	34	32	34	32	Attached to outside Plating with Angle				
state if flanged (top & bottom)	34	32	34	32	34	32	SIDE STRINGERS, Number				
Spacing	69	69					Angle				
GIRDER, in Dbl. bottom, depth & thickness	34	32	34	32	34	32	Intercoastal Plate, for				
SINGLE Angles, Top	4	4	48	4	4	48	Attached to outside plating with Angle				
DOUBLE " Bottom	3	3	32	3	3	32	Upper Deck Stringer Plate, br'dth & thickness	72	70	72	7
" " to Floors	3	3	32	3	3	32	(clear of Bridge)	72	40	72	4
DECKERS, number on each side & thickness	32	32	32	32	32	32	br'dth & thickness	8x3x3	40	8x3x3	4
state if flanged (top and bottom)	32	32	32	32	32	32	(in way of Bridge)	8x3x3	40	8x3x3	4
Angles (top and bottom)	32	32	32	32	32	32	CHANNEL Angle (clear of Bridge)				
" " to Floors	32	32	32	32	32	32	Tie Plate at sides of Hatchways				
PLATE, depth (exclusive of flange)	36	36					Deck. * Iron or Steel, for FULL lng.	30			
and thickness	36	36					Thickness (clear of Bridge)	40			
Angles to Outside Plating	36	36					(in way of Bridge)	30			
" " Floors	36	36					Wood Deck. Material & thickness	P. PINE	2 1/2	P. PINE	2
Height of Brackets above at bilge	34	34					Second Deck Stringer Plate, br'dth & thickness				
BOTTOM PLATING, breadth and thickness of Middle Line Strake	34	34					Angles on ditto, No.				
in Engine and Boiler space	34	34					Tie Plates outside Hatchways				
Remainder in Holds	32	30	32	30	32	30	Deck. * Iron or Steel, for lng.				
Upper Deck, Single Angle, Bulb	8	3	42	8	3	42	Wood Deck. Material & thickness				
Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	Third Deck Stringer Plate, br'dth & thickness				
Angles on upper edge	8	3	42	8	3	42	Angles on ditto, No.				
in way of Long Bridge	46	46					Tie Plates, outside Hatchways				
Spacing	46	46					Deck. * Material and thickness				
S, Second Deck, Single Angle, Bulb	8	3	42	8	3	42	Fourth and Fifth Deck Stringer Plate, breadth & thickness				
Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	Angles on ditto, No.				
Angles on upper edge	8	3	42	8	3	42	Tie Plates outside Hatchways				
Spacing	46	46					Deck. Material & thickness				
S, Third and Fourth Deck, Single Angle, Bulb	8	3	42	8	3	42	Poop Deck Stringer Plate, breadth & thickness	75	36	72	
Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	Angle on ditto	8x3x3	375	8x3x3	
Angles on upper edge	8	3	42	8	3	42	Tie Plates	STEEL DECK	26		
Spacing	46	46					WOOD Deck. Material and thickness	P. PINE	3	P. PINE	
S, Bridge Deck, Angle, Bulb Angle, Plate	8	3	42	8	3	42	Bridge Deck Stringer Plate, br'dth & thickness				
Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	Angle on ditto				
Angles on upper edge	8	3	42	8	3	42	Tie Plates				
Spacing	46	46					Deck. Material and thickness				
S, Forecastle Deck, Angle, Bulb Angle, Plate	8	3	42	8	3	42	Forecastle Deck Stringer Plate, br'dth & thickness				
Angle, Plate, Tee Bulb, or Channel	7	3	42	7	3	42	Angle on ditto				
Angles on upper edge	8	3	42	8	3	42	Tie Plates				
Spacing	46	46					WOOD Deck. Material and thickness				

Write "Bridge Sheer Stroke" and "Tinner Deck Sheer Stroke" amongst the corresponding letter.

The Surrogors are requested not to write on or below the Committee's Minute.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ^{159½} ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ⁶³ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *The poop & bridge are joined*

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) *104 (572 W.S.)*

Official No. *132261*; Signal Letters _____ State if Machinery is fitted aft *No*
How are the surfaces preserved from oxidation? Inside *portland cement paint* Outside *Paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>59.5</i>	<i>85</i>	Fore peak tank,	<i>13.5</i>	<i>14</i>
Double bottom, under Engines and Boilers,	<i>61.5</i>	<i>124</i>	After peak tank,	<i>7.5</i>	<i>5</i>
Double bottom, if under Engines only,	<i>✓</i>		Deep tank, aft,	<i>✓</i>	
Double bottom, if under Boilers only,	<i>✓</i>		Deep tank, forward,	<i>✓</i>	
Double bottom, forward,	<i>92</i>	<i>77</i>	Other tanks, if fitted,	<i>✓</i>	
	Total capacity of double bottom	<i>286</i>	(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. *1860*

Date *29.11.10*

No. *578* in builder's yard.

DATES of Surveys held while building

1910:—Nov 11. 18 1911:—Mar. 7. 10. 20. 23. 30. 31. Apr 6. 21. May 5. 9. 16. May 20. 23. Jun 14. 15. 19. 21. 26. 27. 28. 29. July 3. 5. 12. 19. 31 Aug 3. 11 Aug 14. 17. 18. 21. 31 Sep 22.

Total No. of Visits *36*

Surveyor's Signature

J. R. Smith
Lloyd's Register Foundation