

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office

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

Date of completion of report 12<sup>th</sup> January 1911

Port of Newcastle-on-Tyne

No. 59618

Survey held at Howdon-on-Tyne

Date, First Survey 19<sup>th</sup> May 1910

Last Survey 5<sup>th</sup> January 1911

On the Steel Screw Steamer "WEARBRIDGE"

Rig Fore and Aft rig

TONNAGE under Tonnage Deck... 3849.05

CLASS  $\pm$  100A1

FEET.

Master Isaac Storm

Year of appointment (1) As Master in service of owner of present vessel—1910 (2) As Master of this vessel—1910

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop Chart House 4.17

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle 37.54

Do. of Houses on Dk. 56.02

Do. of excess of Hatchways 65.19

Do. above Crown of Engine Room

Gross Tonnage 4011.97

Less Crew Space 71.23

Less above Crown of Engine Room

TONNAGE FOR FEES... 3940.74

Less Engine Room 1283.63

Less Navigation Spaces 126.74

Register Tonnage as cut on Beam 2601.90

Breadth (greatest moulded) 48.66

Depth, at middle of length from top of keel to top of upper deck beams at side 29.37

Transverse Number 48.03

Length on deck from fore part of stem to after part of stern post 360

Longitudinal Number 28090.80

Depth "d" at middle of length (See Secs. 2 & 13) 25.11 1/2

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.25

" " Long Bridge Deck Beam at side to top of keel 9.39

Built at Howdon-on-Tyne

When built 1910 Launched 17<sup>th</sup> Nov 1910

By whom built Northumberland S. B. Co. Ltd.

Owners Crosby, Magee & Co.

Managers

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

Residence West Hartlepool

Port belonging to West Hartlepool

Destined Voyage Savannah

If Surveyed while Building, Afloat, or in Dry Dock Special Survey

LENGTH on Deck as per Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
360	-		48	8		26	11 1/2		One	One

Dimensions of Ship per Register, Length 360.0 breadth 49.0 depth 26.9. Moulded depth, ft. 36 ins. 4 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 ins.

FRAMING.						PILLARS.					
	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule Approved		Inches in Ship	Inches in Ship	Inches per Rule Or as	Inches per Rule Approved	
FRAME, Angles, or Bars amidships	11	3 1/2	70	11	3 1/2	70	PILLARS, In. between Deck, size and spacing	2 1/4	51	2 1/4	51
Do. in peaks	7	3 1/2	42	7	3 1/2	42	" " Hold	4 1/4	51	4 1/4	51
Do. in way of Double Bottoms at Solid Floors	3 1/2	8 1/2	38	3 1/2	8 1/2	38	" Quarter 'tween Dks.,	3 3/4	as per approved plan		
" " at intermdt. Bkts.	-	-	-	-	-	-	" " in Hold	4 Angles forming pillar as per plan			
Spacing of Frames from centre to centre amidships	25 1/2			25 1/2			Cellular Double Bottom				
" " from 1/2 length to Collision bulkhead	25 1/2			25 1/2							
" " in peaks	24			24							
REVERSED FRAME, Angles	11	3 1/2	70	11	3 1/2	70					
Do. in way of Double Bottoms at Solid Floors	3 1/2	8 1/2	38	3 1/2	8 1/2	38					
" " at intermdt. Bkts.	-	-	-	-	-	-					
FRAMING, depth of girder	11			11							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	-			-		-					
" in way of Engine and Boiler Spaces	-			-		-					
" 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	42	40	42	40			Cellular Double Bottom				
" state if flanged (top & bottom)	Flanged at top only										
" Spacing	On every frame										
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	41 x 58	40	41 x 50	40							
" Angles, Top	3 1/2 x 3 1/2 x 48	40	3 1/2 x 3 1/2 x 48	40							
" Bottom	4 1/2 x 4 1/2 x 58	54	4 1/2 x 4 1/2 x 58	54							
" to Floors	5	5	5	5							
SIDE GIRDERS, number on each side & thickness	One 40	38	One 40	38							
" state if flanged (top and bottom)	Flanged to floors										
" Angles (top and bottom)	3 1/2 x 3 1/2 x 38	38	3 1/2 x 3 1/2 x 38	38							
" to Floors	Flanged										
MARGIN PLATE, depth (exclusive of flange) and thickness	36 x 44		36 x 44				Cellular Double Bottom				
" Angles to Outside Plating	3 1/2 x 3 1/2 x 44		3 1/2 x 3 1/2 x 44								
" Floors	5	3 1/2	5	3 1/2							
" Height of Brackets above at bilge	3-10		3-10								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42 x 48	40	41 x 48	40							
" in Engine and Boiler space	5.5 x 54	46	5.5 x 54	46							
" Remainder in Holds	38	34	38	34							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	8 1/2	3							
" Angles on upper edge	-		-								
" In way of Long Bridge	5 1/2	3	5 1/2	3							
" Spacing	On every frame										
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3			Cellular Double Bottom				
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3			Cellular Double Bottom				
" Angles on upper edge	-		-								
" Spacing	On every frame										
FRAMING, depth of girder	11			11							
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	-			-		-					
" in way of Engine and Boiler Spaces	-			-		-					
" 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	42	40	42	40							
" state if flanged (top & bottom)	Flanged at top only										
" Spacing	On every frame										
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	41 x 58	40	41 x 50	40							
" Angles, Top	3 1/2 x 3 1/2 x 48	40	3 1/2 x 3 1/2 x 48	40							
" Bottom	4 1/2 x 4 1/2 x 58	54	4 1/2 x 4 1/2 x 58	54							
" to Floors	5	5	5	5							
SIDE GIRDERS, number on each side & thickness	One 40	38	One 40	38							
" state if flanged (top and bottom)	Flanged to floors										
" Angles (top and bottom)	3 1/2 x 3 1/2 x 38	38	3 1/2 x 3 1/2 x 38	38							
" to Floors	Flanged										
MARGIN PLATE, depth (exclusive of flange) and thickness	36 x 44		36 x 44								
" Angles to Outside Plating	3 1/2 x 3 1/2 x 44		3 1/2 x 3 1/2 x 44								
" Floors	5	3 1/2	5	3 1/2							
" Height of Brackets above at bilge	3-10		3-10								
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	42 x 48	40	41 x 48	40							
" in Engine and Boiler space	5.5 x 54	46	5.5 x 54	46							
" Remainder in Holds	38	34	38	34							
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8 1/2	3	8 1/2	3							
" Angles on upper edge	-		-								
" In way of Long Bridge	5 1/2	3	5 1/2	3							
" Spacing	On every frame										
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	5 1/2	3	5 1/2	3							
" Angles on upper edge	-		-								
" Spacing	On every frame										

If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.



WEB FRAMES.				FORGINGS OR CASTINGS.			
Inches in Ship.				Inches in Ship.			
WEB-FRAMES, In Fore Body, No. and spacing				KEEL, Bar, depth and thickness			
" " " " brdth. & thickness				STEM, moulding and thickness			
" " " " No. of Side Stringers				STERN-POST for Rudder do. do.			
WEB-FRAMES, In E. & B. Space, No. & spacing				" " " " for Propeller			
" " " " brdth. & thickness				RUDDER-A x D Table 22. Speed $\frac{100}{12.5} = 8$ knots			
WEB-FRAMES, In After Body, No. and spacing				Main-Piece, diameter at head			
" " " " brdth. & thickness				" " " " at heel			
" " " " No. of Side Stringers				RUDDER, how constructed			
Size of Face Angles to Web-Frames				Thickness of Plates or Single Plate			
BRACKET PLATES to Stringers between Web Frames, depth and thickness				Can the Rudder be unshipped afloat?			
BULKHEADS.				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, Plating, &c.			
Number, Thickness, Horizontal, Vertical, Size, Spacing, Single or Double Frame, Height up.				Has the Steel been tested as required by the Rules?			
W.T. BULKHEADS				PLATING.			
No 37				AS IN SHIP.			
No 66				PER RULE OR AS APPROVED.			
No 88				AMIDSHIP.			
No 130				FORWARD.			
COLLISION				AFT.			
PARTITION				RIVETING.			
LONGITUDINAL				EDGES.			
Are the outside Plates doubled two spaces of Frames in length?				Butts.			
Are the Steel Plates and Watertight Doors in efficient working order?				Double or Treble and for what Length.			
STRAKES.				RIVETS.			
FLAT PLATE KEEL				STRAPE.			
GARBOARD OR A STRAKE				IF LAPPED.			
State actual thickness in way of Double Bottom.				Double or Treble and for what Length.			
B				RIVETS.			
C				STRAPE.			
D				IF LAPPED.			
E				Double or Treble and for what Length.			
F				RIVETS.			
G				STRAPE.			
H				IF LAPPED.			
J				Double or Treble and for what Length.			
K				RIVETS.			
L				STRAPE.			
M				IF LAPPED.			
N				Double or Treble and for what Length.			
O				RIVETS.			
P				STRAPE.			
Q				IF LAPPED.			
R				Double or Treble and for what Length.			
S				RIVETS.			
T				STRAPE.			
U				IF LAPPED.			
V				Double or Treble and for what Length.			
W				RIVETS.			
THICKNESS OF SHEERSTRAKE				STRAPE.			
CLEAR OF LONG BRIDGE				IF LAPPED.			
DO. OF STRAKE BELOW				Double or Treble and for what Length.			
DELG. of Flat Plate Keel				RIVETS.			
" Sheerstrakes				STRAPE.			
Length and thickness.				IF LAPPED.			
POOP SIDES				Double or Treble and for what Length.			
SHORT BRIDGE SIDES				RIVETS.			
FORECASTLE SIDES				STRAPE.			
Upper Deck				IF LAPPED.			
Butts, riveted for				Double or Treble and for what Length.			
Stringer Plate				RIVETS.			
Butts, riveted for				STRAPE.			
Second Deck				IF LAPPED.			
Butts, riveted for				Double or Treble and for what Length.			
Stringer Plate				RIVETS.			
Butts, riveted for				STRAPE.			
FRAMES extend in one length from				IF LAPPED.			
REVERSED FRAMES on floors and frames extend from				Double or Treble and for what Length.			
MASTS, SPARS, &c.				RIVETING.			
Material, Total Length, Diameter and Thickness, No. of Plates in Round, ANGLE, Riveting.				Butts.			
LOWER MASTS				Double or Treble and for what Length.			
Fore				RIVETS.			
Main				STRAPE.			
Mizen				IF LAPPED.			
Bowsprit				Double or Treble and for what Length.			
Topmasts, Yards and Remainder of Spars				RIVETS.			
Rigging, Material and Size, Shrouds				STRAPE.			
Sails				IF LAPPED.			
Sails, and the following spare sails				Double or Treble and for what Length.			

EQUIPMENT No. 29136				LETTER W				ANCHORS.				TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS			
Number of Certificate.				Weight, Ex. Stock.				Test, Per Certificate.				Where and when tested and Superintendent.			
13742				1st Bower				13742				1st Bower			
13710				2nd "				13710				2nd "			
13743				3rd "				13743				3rd "			
36728				4th "				36728				4th "			
36729				Collective weight				36729				Collective weight			
Stream				Kedge				Stream				Kedge			
CHAIN CABLES.				HAWERS AND WARPS.				CHAIN CABLES.				HAWERS AND WARPS.			
Number of Certificate.				Length and size supplied.				Weight of Chain Cable.				Description.			
37735				270				270				270			
Boats				Pumps				Windlass				Engine Room Skylights			
Coal Bunker Openings				Number of Scuppers				Ceiling in Holds				Cargo Hatchways			
State size No. 1 Hatch				No. 2 Hatch				No. 3 Hatch				No. 4 Hatch			
Number of Web Plates				Shifting Beams				Fore and Afters				Each Hatch			
Bulwarks				Height above deck				Description				The foregoing is a correct description			
Builder's Signature				Surveyor's Signature				Surveyor's Signature				Surveyor's Signature			
Correspondence				State dates and initials of letters				Reference should be made in any correspondence				connected with the case			
Workmanship				Are the butts of plating planed				or otherwise fitted?				Planned			
Is the riveted work properly closed?				Yes				Do the holes for riveting plate to frames				butt straps, or plate			
Are the liners between the frames and plates solid single pieces?				Yes				Are the rivet holes well and sufficiently countersunk				in the plate and punched			
from the faying surfaces?				Yes				Do any rivets break into or through the seams or butts				of the plating?			
Are the butts of Plating, Stringers, &c., properly shifted and strapped?				Yes				State results of tests				Good			
Have all the upper and weather decks been tested as required by the Rules				(Sec. 26, par. 20)?				Yes				State results of tests			
Have all the gutterways been tested as required by the Rules				(Sec. 26, par. 20)?				Yes				State results of tests			
General Remarks				(State quality of workmanship, &c.)				This vessel has been built in accordance with the				accompanying approved plans, and the Secretary's letters of the above mentioned			
dates, and the Rules in all other respects complied with.				The workmanship and				materials used during the construction are of good quality.				10 Approved plans and 3 Forging reports enclosed.			
The Surveyor should state the Number of Report and Name of any Sister Vessel.				Fees applied for,				Special Survey Fee				Received by me,			
State whether the Vessel has been built under Special Survey				Yes				I am of opinion this Vessel should be Classed				F 100 A1.			
With, or without Freeboard, as condition of Class				Without.				Committee's Minute				Character assigned			
Lloyd's arcp				TUE. 24 JAN 1911				100 A1				Hmc 12, 10			
MASTS, SPARS, &c.				DIAMETER AND THICKNESS.				No. of Plates in Round.				ANGLE.			
LOWER MASTS				Fore				Main				Mizen			
Bowsprit				Topmasts, Yards and Remainder of Spars				Rigging, Material and Size, Shrouds				Sails.			
Sails, and the following spare sails				Stays				3 1/2 gal steel wire				Sails, and the following spare sails			



GENERAL REMARKS—(continued).

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In E. &  
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PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 24-4 ft., R.Q.D. ✓ ft., Bridge 91-4 ft., Forecastle 36-0 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated The Poop is not joined to the Bridge Deck.

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 should appear in the Register Book) 1 Stk (Std)

Official No. 127463; Signal Letters

State if Machinery is fitted aft Amidships  
Outside Paint

How are the surfaces preserved from oxidation? Inside Paint and Cement

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,	<u>123-3</u>	<u>294</u>	Fore peak tank,		
Double bottom, under Engines and Boilers,	<u>42-6</u>	<u>137</u>	After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		<u>30</u>
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	<u>157-3</u>	<u>461</u>	Other tanks, if fitted,		
Total capacity of double bottom		<u>895</u>	(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. 4183

Date 11.2.10.

No. 178 in builder's yard.

DATES OF SURVEYS  
held while building

1910  
May. 19. 24. 27. Jun. 13. 7. 10. 13. 14. 15. 16. 17. 27. 29. Jul. 5. 7. 13. 15. 20. 22. 26. Aug. 17. 19. 29. 31. Sep. 1. 3. 9. 13. 14. 19. 21. 22. 26. 29. 30. Oct. 3. 6. 7. 13. 17. 18. 20. 24. 27. Nov. 4. 10. 16. 17. 21. Dec. 2. 13. 14. 16. 23. 25. 29. 1911  
Jan. 4. 5.

Total No. of Visits 60

Surveyor's Signature

Alex. Munro

Lloyd's Register  
Foundation