

With or Without  
Disconnected Erections.

STEEL STEAMER.

Received at London 10th AUG. 1916

Date of completion of report 16th August 1916  
Survey held at Newcastle-on-Tyne  
On the (State if Single, Twin, or Triple Screw) Single Screw Steamer "HORDEN"  
Tonnage under Tonnage Deck 2150.45  
Do. between Tonnage Dk. and 3rd and 4th Dk. 288.40  
Total under Upper Dk. 2438.85  
Do. of R.Q.Dk. 49.8  
Do. of Bridge House 34.69  
Do. of Forecastle 21.34  
Excess of Hatchways 14.95  
Tonnage 2676.95  
Crew Space 83.00  
Above Crown of Main Room 2593.95  
AGE FOR FEES 856.62  
Engine Room 130.23  
Navigation Spaces  
Net Tonnage 1607.10  
CLASS 100A1  
Breadth (greatest moulded) 43.00  
Depth, at middle of length from top of keel to top of upper deck beams at side 21.75  
Transverse Number 64.75  
Length on deck from fore part of stem to after part of stern post 321  
Longitudinal Number 20784.75  
Depth "d," at middle of length (See Secs. 2 & 13) 18.59 U.D.  
Proportions—Depth to Length—Upper Deck Beam at side to top of keel 14.75  
" " Long Bridge Deck 12.33  
" " Beam at side to top of keel  
Master R. Lander.  
Year of appointment  
Built at Bill Quay-on-Tyne.  
When built 1916. Launched 19th April 1916.  
By whom built Wood, Skinner & Co. Ltd.  
Owners Burnett Steam Ship Co. Ltd.  
Managers Burnett & Co.  
Residence Milburn House.  
Port belonging to Newcastle-on-Tyne.  
Destined Voyage Admiralty Transport. If Surveyed while Building, Afloat, & in Dry Dock Yes.

GTH on Deck per Rule ....		Feet. 321	Inches. 0	BREADTH— Moulded ....		Feet. 43	Inches. 0	DEPTH, ACTUAL— Do. do. do. do.		Top of Floors to top of Upper Dk. Beams		Feet. 19	Inches. 3 3/4	No. of Decks with flat laid		one			
										Second Dk. Beams				No. of Tiers of Beams		one			
Dimensions of Ship per Register. Length 321										breadth 43.25		depth 19.5		Moulded depth, ft. 21		ins. 9		To Bridge Dk. Round of Upper, 10 3/4 ins.	
										Moulded depth, ft. 21		ins. 9		To Upper Dk. Dk. Beam, Actual)					
FRAMING.										Inches in Ship.		Inches in Ship.		Inches in Ship.		Inches in Ship.		Inches in Ship.	
IN SPACE UNDER R.Q.D.										9		3 1/2		66		9		3 1/2	
ME, Angles, or Bars amidships UPPER										9		3 1/2		66		9		3 1/2	
in peaks BULB ANGLES										6		3		38		6		3	
in way of Double Bottoms at Solid Floors										3 1/2		3 1/2		38		3 1/2		3 1/2	
" at intermdt. Blks.																			
ing of Frames from centre to centre amidships										24				24					
" length to Collision bulkhead										21				21					
" in peaks (FORE & AFT)										21 and 24				21 and 24					
ERSED FRAME, Angles										3 1/2		3 1/2		38		3 1/2		3 1/2	
in way of Double Bottoms at Solid Floors										3 1/2		3 1/2		38		3 1/2		3 1/2	
" at intermdt. Blks.																			
MING, depth of girder										BULB ANGLE FRAME.									
ORS, depth and thickness of Floor Plate										38		48		36		38		48	
at mid-line for 1/2 length amidships										46		and 54		36		and 44			
in way of Engine and Boiler Spaces										36				36					
thickness at the ends of vessel																			
depth at 1/2 the half breadth, as per Rule																			
height extended at the Bilges										as above.									
ORS in Cell. Double Bottoms										No.				No.					
state if flanged (top & bottom)										21-24-24				21-24-24					
Spacing of Solid floors										48		X		48		48		X	
REGIRDER, in Dbl. bottom, dpth. & thickness										38		3 1/2		44		38		3 1/2	
Angles, Top										3 1/2		3 1/2		44		3 1/2		3 1/2	
Bottom										4		4		56		4		4	
to Floors										3 1/2		3 1/2		36		3 1/2		3 1/2	
Brackets at intermdt. frmg. width & thkness										5		5		50		5		50	
GIRDERS, number on each side & thickness										One		34		One		34			
state if flanged (top and bottom)										No.				No.					
Angles (top and bottom)										3 1/2		3 1/2		36		3 1/2		3 1/2	
to Floors										FLANGED.									
IN PLATE, depth (exclusive of flange)										52 1/2		R.Q.D.		40		52 1/2		R.Q.D.	
and thickness										33		U.D.		33		U.D.		40	
Angle to Outside Plating										3 1/2		3 1/2		40		3 1/2		3 1/2	
Floors										3 1/2		3 1/2		36		3 1/2		3 1/2	
Brackets at intermdt. frmg. width & thkness										36				36					
Height of Outside Brackets above at bilge										42		50		38		X		46	
BOTTOM PLATING, breadth and thickness of Middle Line Strake										8 3/4		46		58		44		4	
in Engine and Boiler space										50				46		5		42	
Remainder in Holds										8 1/2		3		46		8 1/2		3	
Upper Deck, Single Angle, Bulb										27		3		21		27		3	
Angle, Plate, Tee Bulb, or Channel										27		3		21		27		3	
In way of Long Bridge										27		3		21		27		3	
Spacing										8 1/2		3		46		8 1/2		3	
Second Deck, Single Angle, Bulb										27		3		24		27		3	
Angle, Plate, Tee Bulb, or Channel										27		3		24		27		3	
Third and Fourth Deck, Single Angle, Bulb										8 1/2		3		46		8 1/2		3	
Angle, Plate, Tee Bulb, or Channel										8 1/2		3		46		8 1/2		3	
Angles on upper edge										42				42					
Spacing										42				42					
Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel										6 1/2		3		44		6 1/2		3	
Angles on upper edge										24				24					
Spacing										24				24					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel										8 1/2		3		46		8 1/2		3	
Angles on upper edge										42				42					
Spacing										42				42					



Write "Bridge Sheer Strake" and "Upper Deck Sheer Strake" opposite the corresponding letter.

*ms - Dimensions are measured and to suit an old book. A common size. 10 1/2 x 8.*



GENERAL REMARKS—(continued).

WEB-FRAME

WEB-FRAME

WEB-FRAME

Size  
BRACKET  
Web Frame

BULKHEAD

W.T.BULKHEAD  
Boiler Room  
Eng. Room  
After Peak

COLLISION  
PARTITION  
LONGITUDINAL

Are the outside

Are the inside

STRAKE

FLAT PLATE KEEL  
(If Bar Keel, state R  
GARBOARD OR A

State actual  
thickness in  
way of Double  
Bottom.

UPPER DECK SHEER  
QUARTER

THICKNESS OF SHEER  
CLEAR OF LONG  
DO. OF STRAKE

DECK OF FLAT F

Sheer

Length and th

POOP SIDES

SHORT BRIDGE

FORECASTLE

Upper Deck  
Stringer Plate

R.Q.  
Second Deck  
Stringer Plate

FRAMES  
REVERSED

LOWER

Bowsprit

Topmast

Rigging

Sails.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 185.41 ft., Bridge 63 ft., Forecastle 32 ft. (in feet and tenths). When the Poop 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 should appear in the Register Book) one deck, steel.

Official No. 133583; Signal Letters; State if Machinery is fitted aft No. How are the surfaces preserved from oxidation? Inside paint and cement Outside paint.

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	94.48	260	Fore peak tank,	25.04	130.
Double bottom, under Engines and Boilers,	40.50	140	After peak tank,	18.00	151.
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	128.25	295	Other tanks, if fitted,		
	Total capacity of double bottom	695	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks. 63.23

State whether the above have been tested as required by the Rules. Yes.

Order for Special Survey No. 4562

Date 14.12.1914

No. 196 in builder's yard.

DATE OF SURVEY  
held while building

1914  
Jan. 4. 8. 14. 18. 25. 27. 29 Feb. 3. 9. 15. 18. 24. 25. 26 Mar. 2. 4. 8. 11. 12. 16. 19. 23. 29.  
Apr. 1. 8. 13. 20. Jul. 12. 22. 30 Aug. 3. 13. 24 Sep. 1. 9. 14. 17. 20. 22 Oct. 5. 26 Nov. 3. 9.  
Dec. 7. 14. 28 1916 Jan. 18. Feb. 4. Mar. 6. 10. 16. 29. 31. Apr. 11. 14. 18. May. 15. 19. 29.  
Jun. 7. 12. Jul. 6. 18. 24. 28. Aug. 4.

Total No. of Visits 67.

Surveyor's Signature

M. Macleod.

Lloyd's Register  
Foundation

OFFICE OF  
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