

3 Decks.

## IRON OR STEEL STEAMER.

WED 8 NOV 1905

Received at London Office

Date of completion of report *11th November 1905* State if Report is also sent on the Machinery of the Vessel *Yes*  
Survey held at *Geestemünde* Port of *Bremerhaven* No. *1107*  
On the *steel screw steamer Hesson* Date, First Survey *11th March 1905* Last Survey *4th November 1905*  
Rig *two pole masts*

TONNAGE under 4848.98  
Tonnage Deck 4848.98  
Do. between Tonnage Dk. and 3rd and 4th Dk. 4848.98  
Total under Upper Dk. 4848.98  
Do. of Poop 135.20  
Do. of Bridge House 4848.98  
Do. of Forecastle 82.39  
Do. of Houses on Dk. 134.14  
Do. of excess of Hatchways 51.74  
Do. above Crown of Engine Room 5097.86  
Gross Tonnage 81.90  
Less Cargo Space 524.47  
Less above Crown of Engine Room 5494.33  
TONNAGE FOR FEES 1254.73  
Less Engine Room 12.85  
Less Navigation Spaces 12.85

THREE DECKED VESSEL.  
CLASS *\*100 A 1.*

FEET.

Half Breadth (moulded) 26.25  
Depth from upper part of Keel to top of Upper Deck Beams 31.84  
(with the normal round up of beam)  
Girth of Half Midship Frame (as per Rule) 54.20  
deduct 7 feet 7  
1st Number 105.29  
Length on deck from after part of stem to fore part of stern post 408.00  
2nd Number 429.58  
Proportions—Breadth to Length 7.77  
Depth to Length—Upper Deck to top of Keel 12.81  
Main Deck ditto 17.13

Master

Year of appointment

(1) As Master in service of owner of present vessel—18  
(2) As Master of this vessel—18Built at *Geestemünde*When built *1905* Launched *2nd Sept 1905*By whom built *Joh. E. Tecklenburg & Co.*Owners *Norddeutscher Lloyd*

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

Residence *Bremen*Port belonging to *Bremen*Register Tonnage 3248.58  
as cut on BeamDestined Voyage *Australia*If Surveyed while Building, Afloat, or in Dry Dock *Building*

LENGTH on Deck as per Rule 408 0 Breadth—Moulded 52 6 DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams 28 0  
Do. do. do. Main Dk. Beams 20 0 No. of Decks with flat laid *two*  
Round of Upper Dk. Beam, Actual 13 ins.  
Dimensions of Ship per Register, Length *409.3* breadth *52.74* depth *27.94* Moulded depth, ft. 30 ins. 9 To Upper Dk.

FRAMING.	Inches in Ship	Inches in Ship	Inches in Ship	Inches per Rule Or as Approved	Inches per Rule Or as Approved	Inches per Rule Or as Approved
FRAME, Angles, or Bars for length	7 1/2	3 1/2	13	7 1/2	3 1/2	13
Do. for amidships	6 3/4	3 1/2	10	6 3/4	3 1/2	10
Do. for 1/2 at each end	7 1/2	3 1/2	12	7 1/2	3 1/2	12
Do. in way of Double Bottoms at Solid Floors	6 3/4	3 1/2	9	6 3/4	3 1/2	9
Distance of Frames from moulding edge to moulding edge, all fore and aft	3 1/2	3 1/2	10	3 1/2	3 1/2	10
at intermdt. Bkts.		25			25	
Distance of Frames from moulding edge to moulding edge, all fore and aft	6 3/4	3 1/2	10	6 3/4	3 1/2	10
REVERSED FRAME, Angles on deep framing		10 1/2			10 1/2	
DEEP FRAMING, depth of girder						
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships			9x11			9x11
in way of Engines and Boilers			8			8
thickness at the ends of vessel	6 3/4	3 1/2	64	6 3/4	3 1/2	64
depth at 1/2 the half breadth, as per Rule			80			80
height extended at the Bilges			9x8			9x8
FLOORS & BRACKETS in Cell Dble Bottoms		25			25	
Distance apart						
CENTRE GIRDER, in Double bottom, depth and thickness	4 1/2	4	11	4 1/2	4	11
Angles, Top	5	5	12	5	5	12
Bottom			8			8
SIDE GIRDERS, number on each side & thickness	3 1/2	3 1/2	9	3 1/2	3 1/2	9
Angles	38	10	38	10		
MARGIN PLATE, depth (exclusive of flange) and thickness	4	4	10	4	4	10
Angles to Outside Plating	4 1/2	11	4 1/2	11		
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake			10x12			10x12
in Engine and Boiler space			9x8			9x8
Remainder in Holds	7 1/2	3 1/2	7x11	7 1/2	3 1/2	7x11
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate or Tee Bulb Channels	8 1/2	3 1/2	8x10	8 1/2	3 1/2	8x10
Angles on upper edge	25		25			
Average space						
AMS, Middle Deck, Single Angle, Bulb, Angle, Plate or Tee Bulb Channels	8 1/2	3 1/2	8x10	8 1/2	3 1/2	8x10
Angles on upper edge	25		25			
Average space						
AMS, Lower Deck, Single Angle, Bulb, Angle, Plate or Tee Bulb Channels	8 1/2	3 1/2	8x10	8 1/2	3 1/2	8x10
Angles on upper edge	25		25			
Average space						
AMS, Hold, or Orlop, Plate or Tee Bulb						
Angles on upper edge						
Average space						
AMS, Poop Deck, Angle, Bulb, Angle, Plate or Tee Bulb Channels	8 1/2	3 1/2	8x10	8 1/2	3 1/2	8x10
Angles on upper edge	50		50			
Average space						
AMS, Bridge Deck, Angle, Bulb, Angle, Plate or Tee Bulb Channels	9 1/2	3 1/2	9x12	9 1/2	3 1/2	9x12
Angles on upper edge	50		50			
Average space						
AMS, Forecastle Deck, Angle, Bulb, Angle, Plate or Tee Bulb Channels	9 1/2	3 1/2	9x12	9 1/2	3 1/2	9x12
Angles on upper edge	50		50			
Average space						
PILLARS, In 'tween Deck, size and spacing	Two runs on alternate frames					
Hold, 'tween deck	2x8x3 1/2		2x8x3 1/2			
Quarter 'tween Dks.	15	11	15	11		
With spaced holes in Hold as approved below						
WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness						
No. of Side Stringers						
WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness						
WEB-FRAMES, In After Body, No. and spacing brdth. & thickness						
No. of Side Stringers						
Size of Angles or Tee Bars to Web-Frames						
BRACKET PLATES to Stringers between Web Frames, depth and thickness						

FORGINGS or CASTINGS.		Inches in Ship.		Inches per Rule, Or as Approved.							
KEEL, Bar or Side Plates, depth and thickness		11 1/2 x 3 1/2 x 6 9/8 x 2 3/4		11 1/2 x 3 1/2 x 6 9/8 x 2 3/4							
STEM, moulding and thickness		12 x 8 1/2		12 x 8 1/2							
STERN-POST for Rudder do. do.		12 x 8 1/2		12 x 8 1/2							
" for Propeller		12 x 7 1/2		12 x 7 1/2							
MAIN PIECE of Rudder, diameter at head		10 3/8		10 3/8							
" do. at heel		7 1/2		7 1/2							
RUDDER, how constructed <i>Single plate type with hinged on arms. Plate 2 1/2 x 20</i>											
Can the Rudder be unshipped afloat? <i>Yes</i>											
KEELSONS & STRINGERS.		Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	16ths or 20ths per Rule.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate											
" Rider Plate											
" Bulb Plate to Intercoastal Keelson											
" Horizontal Plates on Floors											
" Angles											
SIDE KEELSON, Angles											
" Bulb or Plate above floors, for length											
" Intercoastal Plate, for length											
" Attached to outside Plating with Angle											
BILGE KEELSON, Angles											
" Bulb or Plate above floors, for length											
" Intercoastal Plate for length											
" Attached to outside Plating with Angle											
BILGE STRINGER Angles		6 1/2	4 1/2	14x13	6 1/2	4 1/2 14x13					
" Bulb Plate for length											
" Intercoastal Plate for <i>full</i> length				10x9		10x9					
" Attached to outside Plating with Angle		6 1/2	3 1/2	10x9	6 1/2	3 1/2 10x9					
SIDE STRINGER Angles <i>on deep framing</i>		6 1/2	4 1/2	14x13	6 1/2	4 1/2 14x13					
" Bulb or Intercoastal Plate, for <i>full</i> length				10x9		10x9					
" Attached to outside plating with Angle		6 1/2	3 1/2	10x9	6 1/2	3 1/2 10x9					
Upper Deck Stringer Plates, br'dth & thickness		63-49	11-9	63-49	11-9						
" Angle on ditto		5x5	11-10	5x5	11-10						
" Tie Plates fore and aft, outside Hatchways											
" Deck. * <del>Iron</del> Steel, for <i>full</i> length			9-8		9-8						
" Wood Deck. Material & thickness <i>teak</i>		3	<i>when exposed</i>	3	<i>when exposed</i>						
Middle Deck Stringer Plate, br'dth & thickness		63-49	11-9	63-49	11-9						
" Angles on ditto, No. <i>two</i>		4x4	9-8	4x4	9-8						
" Tie Plates outside Hatchways											
" Diagonal Tie Plates on Bms., No. of prs.											
" Deck. * <del>Iron</del> Steel, for <i>full</i> length			8-7		8-7						
" Wood Deck. Material & thickness <i>not sheathed</i>											
Lower Deck Stringer Plate, br'dth & thickness		54-42	7	54-42	7						
" <i>" in hold forward only</i>		4x4	9-8	4x4	9-8						
" Tie Plates, outside Hatchways											
" Deck. * Material and thickness <i>Steel</i>			6.3		6.3						
Hold, or Orlop Stringer Plate, br'dth & thckn's											
" Angles on ditto, No.											
" Tie Plates outside Hatchways											
" Deck. Material and thickness											
Poop Deck Stringer Plate, breadth & thickness		36	7	36	7						
" Angle on ditto		3 1/2 x 3 1/2	7	3 1/2 x 3 1/2	7						
" Tie Plates <i>Plated over steel deck</i>			5		5						
" Deck. Material and thickness <i>Oregon pine</i>		3		3							
Bridge Deck Stringer Plate, br'dth & thickness		48	10	48	10						
" Angle on ditto		3 1/2 x 3 1/2	12	3 1/2 x 3 1/2	12						
" Tie Plates <i>Steel deck</i>			6		6						
" Deck. Material and thickness <i>Oregon pine</i>		3		3							
Forecastle Deck Stringer Plate, b'dth & th'kns		36	7	36	7						
" Angle on ditto		3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8						
" Tie Plates <i>Steel deck</i>			5		5						
" Deck. Material and thickness <i>Oregon</i>		3		3							
BULKHEADS.		Number.		Thickness.		STIFFENERS.		Single or Double Frames.		Height up	
		In Vessel.	Per Rule.	1/4 inch or 20ths.		Horizontal Size. Inches.		Vertical Size. Inches.			
W. T. BULKHEADS		7	7	8-7		7 1/2 x 3 1/2 x 10 1/4		L 30		Peak	
PARTITION						Two webs with semi		other		Upper Deck	
LONGITUDINAL						one beam as approved		double			
Are the outside Plates doubled two spaces of Frames in length? <i>Diamond shaped</i>											
Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes</i>											



