

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at London Office

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

Date of completion of report *30th January 1911* Port of *Belfast* No. *6901*  
Survey held at *Belfast* Date, First Survey *10th February 1910* Last Survey *21st January 1911*  
On the *Steel Screw Steamer "SACHSEN"* Rig *4 masts fore & aft schooner.*

TONNAGE under Tonnage Deck...	
Do. between Tonnage Dk. and 3rd and 4th Dk.	
Total under Upper Dk.	7561.527
Do. of Poop	29.560
Do. of R.Q.Dk.	
Do. of Bridge House & Casings	83.656
Do. of Forecastle	107.948
Do. of Houses on Dk.	181.572
Do. of excess of Hatchways	26.400
Do. above Crown of Engine Room	
Gross Tonnage	7986.173
Less Crew Space	176.164
Do. above Crown of Engine Room	
Net Tonnage for Fees	7810.009
Do. Engine Room	2555.545
Do. Navigation Spaces	29.591
W.B.	110.877
Registered Tonnage	5113.966
As cut on Beam	

CLASS <i>100 A1</i>	FEET.
Breadth (greatest moulded)	58.0
Depth, at middle of length from top of keel to top of upper deck beams at side	35.46
Transverse Number	93.46
Length on deck from fore part of stem to after part of stern post	469.83
Longitudinal Number	43910
Depth "d," at middle of length (See Secs. 2 & 18)	19.64
Proportions—Depths to Length—Upper Deck Beam at side to top of keel	13.25
" " Long Bridge Deck Beam at side to top of keel	10.87

Master <i>A. Wagner</i>	(1) As Master in service of owner of present vessel—19
Year of appointment	(2) As Master of this vessel—19
Built at <i>Belfast</i>	
When built <i>1911</i> — <i>1 mo.</i> Launched <i>17th Nov. 1910</i>	
By whom built <i>Harland &amp; Wolff Lim.</i>	
Owners <i>Hamburg Amerika Linie</i>	
Managers	(Where necessary to be entered in Reg. Book)
Residence	
Port belonging to <i>Hamburg</i>	

Destined Voyage *Hamburg*

If Surveyed while Building, Afloat, or in Dry Dock. *Building*

LENGTH on Deck as per Rule	Feet. <i>469</i>	Inches. <i>10</i>	BREADTH—Moulded	Feet. <i>58</i>	Inches. <i>0</i>	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet. <i>32</i>	Inches. <i>5 1/2</i>	No. of Decks with flat laid	<i>2</i>
						Do. do. do. do. Second Dk. Beams	<i>20</i>	<i>11 1/2</i>	No. of Tiers of Beams	<i>2</i>
Moulded depth, ft. <i>43</i> ins. <i>2</i> To Bridge Dk. Round of Upper Dk. Beam, Actual <i>12</i> ins.										
Moulded depth, ft. <i>35</i> ins. <i>5</i> To Upper Dk. Dk. Beam, Actual										

Dimensions of Ship per Register, Length *470* breadth *58.2* depth *32.46*

FRAMING.				FORGINGS OR CASTINGS.			
FRAME, Angles or Bars amidships	Inches in Ship	Inches in Ship	Inches in Ship	KEEL, Bar, depth and thickness	Inches in Ship	Inches in Ship	Inches in Ship
Do. in peaks	<i>9 x 3 1/2 x 3 1/2</i>	<i>4 1/2</i>	<i>9 x 3 1/2 x 3 1/2</i>	STEM, moulding and thickness	<i>10 x 2</i>	<i>10 x 2</i>	<i>10 x 2</i>
Do. in way of Double Bottoms at Solid Floors	<i>7 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>	STERN-POST for Rudder do. do.	<i>11 x 3</i>	<i>11 x 3</i>	<i>11 x 3</i>
at Intermitt. Dkts.	<i>13 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>	" for Propeller	<i>9 1/2 x 9</i>	<i>9 1/2 x 9</i>	<i>9 1/2 x 9</i>
Spacing of Frames from centre to centre amidships	<i>28</i>	<i>28</i>	<i>28</i>	RUDDER—A x D Table 22	<i>11 x 9</i>	<i>11 x 9</i>	<i>11 x 9</i>
" " length to Collision bulkhead	<i>27</i>	<i>27</i>	<i>27</i>	" Main-Piece, diameter at head	<i>1 1/2</i>	<i>1 1/2</i>	<i>1 1/2</i>
" " in peaks	<i>24</i>	<i>24</i>	<i>24</i>	" " at heel	<i>8 1/2</i>	<i>8 1/2</i>	<i>8 1/2</i>
REVERSED FRAME, Angles, in channel from	<i>3 1/2</i>	<i>3 1/2</i>	<i>4 1/2</i>	RUDDER, how constructed <i>Forged Single plate keyed arms</i>			
FRAMING, depth of girder	<i>9</i>	<i>9</i>	<i>9</i>	Can the Rudder be unshipped afloat? <i>Yes</i>			
FLOORS, depth and thickness of Floor Plates at mid-line for 1 length amidships				KEELSONS & STRINGERS.	Inches in Ship	Inches in Ship	Inches in Ship
" in way of Engine and Boiler Spaces		<i>40</i>	<i>40</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
thickness at the ends of vessel		<i>40</i>	<i>40</i>	" Rider Plate			
depth at 1/2 the half breadth, as per Rule		<i>40</i>	<i>40</i>	" Flat Plate Keel Angles			
height extended at the Bilges		<i>44</i>	<i>44</i>	" Horizontal Plates on Floors			
FLOORS & BRACKETS in Cell Dble Bottoms state if flanged (top & bottom)	<i>no, except in Boiler Room where 54</i>	<i>28</i>	<i>28</i>	" Angles or Bulb Angles			
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	SIDE KEELSONS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thickness	<i>47</i>	<i>58</i>	<i>47</i>	" Angles or Bulb Angles			
" Angles, Top	<i>3 1/2</i>	<i>5 1/2</i>	<i>3 1/2</i>	" Plate above floors, for length			
" Bottom	<i>4 1/2</i>	<i>6 1/2</i>	<i>4 1/2</i>	" Intercoastal Plate, for length			
" to Floors	<i>3 1/2</i>	<i>4 1/2</i>	<i>3 1/2</i>	" Attached to outside Plating with Angle			
SIDE GIRDERS, number on each side & thickness state if flanged (top and bottom)	<i>2</i>	<i>42</i>	<i>2</i>	BILGE KEELSON, Angles			
" Angles	<i>3 1/2</i>	<i>4 1/2</i>	<i>3 1/2</i>	" Intercoastal Plate for length			
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>40</i>	<i>52</i>	<i>40</i>	" Attached to outside Plating with Angle			
" Angles to Outside Plating	<i>4</i>	<i>5 1/2</i>	<i>4</i>	SIDE STRINGERS, Number			
" Floors	<i>3 1/2</i>	<i>4 1/2</i>	<i>3 1/2</i>	" Angle	<i>7</i>	<i>3 1/2</i>	<i>5 1/2</i>
" Height of Brackets above at bilge	<i>29</i>	<i>29</i>	<i>29</i>	" Intercoastal Plate, for full length	<i>4</i>	<i>4 1/2</i>	<i>4 1/2</i>
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>47</i>	<i>54</i>	<i>47</i>	" Attached to outside plating with Angle	<i>4</i>	<i>4</i>	<i>4 1/2</i>
" in Engine and Boiler space	<i>54</i>	<i>58</i>	<i>54</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)	<i>200 @ 49 x 7/4</i>	<i>200 @ 49 x 7/4</i>	<i>200 @ 49 x 7/4</i>
Remainder in Holds	<i>50</i>	<i>42</i>	<i>50</i>	" " " (in way of Bridge)	<i>200 @ 49 x 50</i>	<i>200 @ 49 x 50</i>	<i>200 @ 49 x 50</i>
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6 x 3 1/2 x 3 1/2</i>	<i>38</i>	<i>6 x 3 1/2 x 3 1/2</i>	" " Angle (clear of Bridge)	<i>6 x 6 x 7/4</i>	<i>6 x 6 x 7/4</i>	<i>6 x 6 x 7/4</i>
" Angles on upper edge	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	" Tie Plate at sides of Hatchways	<i>4 x 4 x 50</i>	<i>4 x 4 x 50</i>	<i>4 x 4 x 50</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	Deck, Iron or Steel, for full length	<i>57</i>	<i>57</i>	<i>57</i>
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	" Thickness (clear of Bridge)	<i>42</i>	<i>42</i>	<i>42</i>
" Angles on upper edge	<i>9 x 3 1/2 x 3 1/2</i>	<i>42</i>	<i>9 x 3 1/2 x 3 1/2</i>	" (in way of Bridge)	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	Wood Deck, Material & thickness <i>P.Pine</i>	<i>3 1/2</i>	<i>3 1/2</i>	<i>3 1/2</i>
BEAMS, Third or Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	Second Deck Stringer Plate, br'dth & thickness	<i>50</i>	<i>50</i>	<i>50</i>
" Angles on upper edge	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	" Angles on ditto, No. <i>2</i>	<i>4 x 4 x 50</i>	<i>4 x 4 x 50</i>	<i>4 x 4 x 50</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	" Tie Plates outside Hatchways	<i>40</i>	<i>40</i>	<i>40</i>
BEAMS, Fourth or Fifth Deck, Plate, Tee Bulb, or Channel	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	Deck, Iron or Steel, for full length	<i>40</i>	<i>40</i>	<i>40</i>
" Angles on upper edge	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	" Wood Deck, Material & thickness <i>P.Pine</i>	<i>36</i>	<i>36</i>	<i>36</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	Third Deck Stringer Plate, br'dth & thickness	<i>50</i>	<i>50</i>	<i>50</i>
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	" Angles on ditto, No. <i>2</i>	<i>4 x 4 x 44</i>	<i>4 x 4 x 44</i>	<i>4 x 4 x 44</i>
" Angles on upper edge	<i>7 x 3 x 3</i>	<i>44</i>	<i>7 x 3 x 3</i>	" Tie Plates outside Hatchways	<i>36</i>	<i>36</i>	<i>36</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	Deck, Material and thickness <i>Steel</i>	<i>36</i>	<i>36</i>	<i>36</i>
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6 x 3 1/2 x 3 1/2</i>	<i>38</i>	<i>6 x 3 1/2 x 3 1/2</i>	Fourth and Fifth Deck Stringer Plate, br'dth & thickness	<i>42</i>	<i>42</i>	<i>42</i>
" Angles on upper edge	<i>6 x 3 1/2 x 3 1/2</i>	<i>38</i>	<i>6 x 3 1/2 x 3 1/2</i>	" Angles on ditto, No. <i>2</i>	<i>3 1/2 x 3 1/2</i>	<i>3 1/2 x 3 1/2</i>	<i>3 1/2 x 3 1/2</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	" Tie Plates outside Hatchways	<i>38</i>	<i>38</i>	<i>38</i>
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6 x 3 1/2 x 3 1/2</i>	<i>40</i>	<i>6 x 3 1/2 x 3 1/2</i>	Deck, Material and thickness <i>Steel</i>	<i>26</i>	<i>26</i>	<i>26</i>
" Angles on upper edge	<i>6 x 3 1/2 x 3 1/2</i>	<i>40</i>	<i>6 x 3 1/2 x 3 1/2</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>63</i>	<i>63</i>	<i>63</i>
" Spacing	<i>28</i>	<i>28</i>	<i>28</i>	" Angle on ditto	<i>5 x 5 x 66</i>	<i>5 x 5 x 66</i>	<i>5 x 5 x 66</i>
PILLARS, in 'tween Deck, size and spacing	<i>2 1/2 x 3 1/2</i>	<i>56</i>	<i>2 1/2 x 3 1/2</i>	" Tie Plates	<i>44</i>	<i>44</i>	<i>44</i>
" Hold	<i>4 1/2</i>	<i>56</i>	<i>4 1/2</i>	Deck, Material and thickness <i>Steel</i>	<i>44</i>	<i>44</i>	<i>44</i>
" Quarter 'tween Dks., " "	<i>Columns 8 x 36 spaced 8 frames</i>	<i>56</i>	<i>Columns 8 x 36 spaced 8 frames</i>	Forecastle Deck Stringer Plate, br'dth & th'kns	<i>54</i>	<i>54</i>	<i>54</i>
" in Hold	<i>12 x 54</i>	<i>56</i>	<i>12 x 54</i>	" Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>3 1/2 x 3 1/2</i>	<i>3 1/2 x 3 1/2</i>
WEB-FRAMES, in Fore Body, No. and spacing br'dth & thickness	<i>6 at 4 frames</i>	<i>6 at 4 frames</i>	<i>6 at 4 frames</i>	" Tie Plates	<i>36</i>	<i>36</i>	<i>36</i>
" No. of Side Stringers	<i>27</i>	<i>27</i>	<i>27</i>	Deck, Material and thickness <i>2 1/2</i> Steel Sheathed with 3 P.Pine	<i>40</i>	<i>40</i>	<i>40</i>
WEB-FRAMES, in E. & B. Space, No. & spacing br'dth & thickness	<i>6 at 4 frames</i>	<i>6 at 4 frames</i>	<i>6 at 4 frames</i>	Are the outside Plates doubled two spaces of Frames in length? <i>Large Brackets and approved lines</i>			
" " " " " "	<i>27</i>	<i>27</i>	<i>27</i>	Are the Stowage Valves and Watertight Doors in efficient working order? <i>Yes</i>			
WEB-FRAMES, in After Body, No. and spacing br'dth & thickness	<i>6 at 4 frames</i>	<i>6 at 4 frames</i>	<i>6 at 4 frames</i>				
" " " " " "	<i>27</i>	<i>27</i>	<i>27</i>				
BRACKET PLATES to Stringers between Web-Frames, depth and thickness	<i>4</i>	<i>3 1/2</i>	<i>4</i>				



PLATING. RIVETING. STRAKES. AS IN SHIP. PER RULE OR AS APPROVED. EDGES. BUTTS. IF LAPPED. ...

Correspondence. Workmanship. General Remarks. PARTICULARS FOR RECORD in the REGISTER BOOK. PARTICULARS OF WATER BALLAST. EQUIPMENT. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Committee's Minute. Character assigned.