

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office FRI. OCT. 3 - 1913

Date of completion of report *1st October, 1913* Port of *SUNDERLAND*
 Survey held at *SUNDERLAND* Date, First Survey *11-4-13* Last Survey *26-9-1913*
 On the *S. S. "HELMSLOCH"* Rig *SCHOONER*

TONNAGE under
 Tonnage Deck... *3904.68*
 Do. between Tonnage Dk. and 3rd and 4th Dk. *✓*
 Total under Upper Dk. *✓*
 Do. of Poop Hatch *48*
 Do. of R.O. Dk. CHART HOUSE *4.74*
 Do. of Bridge House *9.71*
 Do. of Forecastle *50.32*
 Do. of Houses on Dk. *90.94*
 Do. of excess of Hatchways *22.71*
 Do. above Crown of *76.55*
 Engine Room *4160.13*
 Crew Space *100.48*
 above Crown of *76.55*
 Engine Room *3983.10*
 Navigation Spaces *1331.24*
 Navigation Spaces *153.27*

CLASS *100A.1.*
 Breadth (greatest moulded) *52.00*
 Depth, at middle of length from top of keel to top of upper deck beams at side *25.46*
 Transverse Number *77.46*
 Length on deck from fore part of stem to after part of stern post *380.*
 Longitudinal Number *29435*
 Depth "d," at middle of length (See Secs. 2 & 13) *21.46*
 Proportions—Depths to Length—Upper Deck Beam at side to top of keel *14.92*
 Long Bridge Deck Beam at side to top of keel *11.71*

Master *E. E. TEDFORD*
 Year of appointment *(1) As Master in service of owner of present vessel: 1906 (2) As Master of this vessel: 1913*
 Built at *SUNDERLAND*
 When built *1913* Launched *2-9-13*
 By whom built *W. M. PICKERSGILL & SONS L^{rs}*
 Owners *THE STRATH STEAMSHIP CO. L^{rs}*
 Managers *MESSES DOWNING AND SUTHERLAND*
 Residence *CARDIFF*
 Port belonging to *CARDIFF*

Register Tonnage *2575.14* as cut on Beam *✓* Destined Voyage *RIO DE JANEIRO* If Surveyed while Building, Afloat, or in Dry Dock *YES*

LENGTH on Deck as per Rule	Fect.	Inches.	BREADTH—Moulded	Fect.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Fect.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams
<i>380</i>	<i>0</i>		<i>52</i>	<i>0</i>		<i>23</i>	<i>0</i>		<i>ONE</i>	<i>ONE</i>

Dimensions of Ship per Register, Length *380* breadth *52.25* depth *22.95* Moulded depth, ft. *32* ins. *5 1/2* To Bridge Dk. Round of Upper Dk. Beam, Actual *12 1/2* ins.

FRAMING.						PILLARS.					
	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.		Inches in Ship.	Inches in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	
FRAME, Angles, or Bars amidships	<i>10</i>	<i>3 1/2</i>	<i>56</i>	<i>10</i>	<i>3 1/2</i>	PILLARS, In 'tween Deck, size and spacing	<i>2 3/8</i>	<i>50</i>	<i>2 3/8</i>	<i>50</i>	
Do. in peaks	<i>6 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>6 1/2</i>	<i>3 1/2</i>	" " Hold	<i>4 3/4</i>	<i>50</i>	<i>4 3/4</i>	<i>50</i>	
Do. in way of Double Bottoms at Solid Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Quarter 'tween Dks.					
" " " at intermdt. Bkts.	<i>7 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>7 1/2</i>	<i>3 1/2</i>	" in Hold					
Spacing of Frames from centre to centre amidships	<i>25</i>			<i>25</i>		KEELSONS & STRINGERS.					
" " " from 1/2 length to Collision bulkhead	<i>25</i>			<i>25</i>		CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate					
" " " in peaks	<i>24</i>			<i>24</i>		Rider Plate					
REVERSED FRAME, Angles	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Flat Plate Keel Angles					
Do. in way of Double Bottoms at Solid Floors	<i>7</i>	<i>3</i>	<i>42</i>	<i>7</i>	<i>3</i>	Horizontal Plates on Floors					
" " " at intermdt. Bkts.	<i>10</i>			<i>10</i>		Angles or Bulb Angles					
FRAMING, depth of girder	<i>10</i>			<i>10</i>		SIDE KEELSONS, Number					
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Angles or Bulb Angles					
" in way of Engine and Boiler Spaces	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Plate above floors, for length					
" thickness at the ends of vessel	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Intercoastal Plate, for length					
" depth at 1/2 the half breadth, as per Rule	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Attached to outside Plating with Angle					
" height extended at the Bilges	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	BILGE KEELSON, Angles					
FLOORS in Cell. Double Bottoms	<i>40</i>			<i>40</i>		Intercoastal Plate for length					
" state if flanged (top & bottom)						Attached to outside Plating with Angle					
" Spacing of Solid floors	<i>ONE EVERY 3rd FRAME</i>					SIDE STRINGERS, Number <i>ONE</i>					
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss.	<i>42</i>	<i>50</i>		<i>42</i>	<i>50</i>	" Angle	<i>6 1/2</i>	<i>3 1/2</i>	<i>48</i>	<i>6 1/2</i>	<i>3 1/2</i>
" " Angles, Top	<i>4 1/2</i>	<i>4 1/2</i>	<i>60</i>	<i>4 1/2</i>	<i>4 1/2</i>	Intercoastal Plate, for FULL length	<i>13 1/2</i>	<i>4 1/2</i>	<i>13 1/2</i>	<i>4 1/2</i>	
" " Bottom	<i>4 1/2</i>	<i>4 1/2</i>	<i>60</i>	<i>4 1/2</i>	<i>4 1/2</i>	Attached to outside plating with Angle	<i>3 1/2</i>	<i>3 1/2</i>	<i>42</i>	<i>3 1/2</i>	<i>3 1/2</i>
" " to Floors	<i>6</i>	<i>6</i>	<i>46</i>	<i>6</i>	<i>6</i>	Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)					
Brackets at intermdt. frmng., wdth & thknss	<i>38</i>	<i>40</i>		<i>38</i>	<i>40</i>	br'dth & thickness (in way of Bridge)	<i>58</i>	<i>46</i>	<i>58</i>	<i>46</i>	
SIDE GIRDERS, number on each side & thickness	<i>TWO</i>	<i>38</i>		<i>TWO</i>	<i>38</i>	" Angle (clear of Bridge)	<i>6 x 6 x</i>	<i>66</i>	<i>6 x 6 x</i>	<i>66</i>	
" state if flanged (top and bottom)						" Tie Plate at sides of Hatchways					
" Angles (top and bottom)	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Deck. * Iron or Steel, for FULL length					
" to Floors	<i>3</i>	<i>3</i>	<i>40</i>	<i>3</i>	<i>3</i>	" Thickness (clear of Bridge)	<i>44</i>		<i>44</i>		
MARGIN PLATE, depth (exclusive of flange) and thickness	<i>3 1/4</i>	<i>46</i>		<i>3 1/4</i>	<i>46</i>	" (in way of Bridge)	<i>34</i>		<i>34</i>		
" Angles to Outside Plating	<i>3 1/2</i>	<i>3 1/2</i>	<i>46</i>	<i>3 1/2</i>	<i>3 1/2</i>	Wood Deck, Material & thickness					
" Floors	<i>3 1/2</i>	<i>3 1/2</i>	<i>40</i>	<i>3 1/2</i>	<i>3 1/2</i>	Second Deck Stringer Plate, br'dth & thickness					
Brackets at intermdt. frmng., wdth & thknss	<i>38</i>	<i>40</i>		<i>38</i>	<i>40</i>	Angles on ditto, No.					
Height of Outside Brackets above at bilge	<i>24</i>			<i>24</i>		Tie Plates outside Hatchways					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	<i>42</i>	<i>50</i>		<i>42</i>	<i>50</i>	Deck. * Iron or Steel, for FULL length					
" in Engine and Boiler space	<i>48</i>	<i>56</i>		<i>48</i>	<i>56</i>	Wood Deck, Material & thickness					
" Remainder in Holds	<i>40</i>			<i>40</i>		Third Deck Stringer Plate, br'dth & thickness					
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>9</i>	<i>3 1/2</i>	<i>54</i>	<i>9</i>	<i>3 1/2</i>	Angles on ditto, No.					
" In way of Long Bridge	<i>8 1/2</i>	<i>3 1/2</i>	<i>50</i>	<i>8 1/2</i>	<i>3 1/2</i>	Tie Plates, outside Hatchways					
" Spacing	<i>ON EVERY FRAME</i>					Deck. * Material and thickness					
BEAMS, Second Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>46</i>	<i>8 1/2</i>	<i>3</i>	Fourth and Fifth Deck Stringer Plate, breadth & thickness					
" Spacing	<i>ON EVERY FRAME</i>					Angles on ditto, No.					
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>46</i>	<i>8 1/2</i>	<i>3</i>	Tie Plates outside Hatchways					
" Angles on upper edge	<i>ON EVERY FRAME</i>					Deck. Material & thickness					
" Spacing	<i>ON EVERY FRAME</i>					Poop Deck Stringer Plate, breadth & thickness	<i>34</i>	<i>34</i>	<i>34</i>	<i>34</i>	
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>6 1/2</i>	<i>3</i>	<i>40</i>	<i>6 1/2</i>	<i>3</i>	Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>34</i>	<i>3 1/2 x 3 1/2</i>	<i>34</i>	
" Angles on upper edge	<i>ON EVERY FRAME</i>					Tie Plates					
" Spacing	<i>ON EVERY FRAME</i>					Deck. Material and thickness	<i>STEEL</i>	<i>26</i>	<i>26</i>		
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>46</i>	<i>8 1/2</i>	<i>3</i>	Bridge Deck Stringer Plate, br'dth & thickness	<i>54</i>	<i>56</i>	<i>54</i>	<i>56</i>	
" Angles on upper edge	<i>ON EVERY FRAME</i>					Angle on ditto	<i>4 1/2 x 4 1/2</i>	<i>56</i>	<i>4 1/2 x 4 1/2</i>	<i>56</i>	
" Spacing	<i>ON EVERY FRAME</i>					Tie Plates					
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	<i>8 1/2</i>	<i>3</i>	<i>46</i>	<i>8 1/2</i>	<i>3</i>	Deck. Material and thickness	<i>STEEL</i>	<i>38</i>	<i>38</i>		
" Angles on upper edge	<i>ON EVERY FRAME</i>					Forecastle Deck Stringer Plate, br'dth & th'kns	<i>34</i>	<i>34</i>	<i>34</i>	<i>34</i>	
" Spacing	<i>ON EVERY FRAME</i>					Angle on ditto	<i>3 1/2 x 3 1/2</i>	<i>34</i>	<i>3 1/2 x 3 1/2</i>	<i>34</i>	
						Tie Plates	<i>5 x 3</i>	<i>P.P.</i>	<i>5 x 3</i>	<i>P.P.</i>	
						Deck. Material and thickness	<i>STEEL</i>	<i>25</i>	<i>25</i>		

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EQUIPMENT No. 31226										LETTER X										ANCHORS										Tonnage U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate.		Anchors.		WEIGHT, E.K. STOCK			WEIGHT OF STOCK			TEST PER CERTIFICATE			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor.			Makers.		Where and when tested and Superintendent.																		
Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Tons.	owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Description of Anchor.	Makers.	Where and when tested and Superintendent.																								
16693	1st Bower ...	56	1	14	3	46	4	2	21	56	1	0	BYERS STOCKLESS	✓	SLO. 7-3-13. L. HAFNER																								
16681	2nd " ...	56	0	14	3	46	1	2	7	56	1	0	" "	✓	" 5-3-13. "																								
16689	3rd " ...	47	3	0	3	40	19	1	14	47	2	0	" "	✓	" 6-3-13. "																								
Collective weight	160	1	0			160	0	0																															
17096	Stream	15	0	0	3	7	16	10	0	0	15	0	0	COMMON	S.TAYLOR & SONS SLD. 11-6-13. L. HAFNER																								
17097	Kedge.....	6	3	0	1	3	0	9	0	0	6	2	0	"	" " " "																								
CHAIN CABLES.															HAWSEERS AND WARPS.																								
Number of Certificate.		Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE		Length and Size per Table 31.		Description.		Makers of Cables.		Where and when tested, and Superintendent.		Material.		Length and size supplied.		Breaking Test of Steel Wire Rope.		Length and Size per Table 31.																	
Fathoms.	Diam.	Ins.	Tons.	Owts.	qrs.	lbs.	Owts.	qrs.	lbs.	Fathoms.	Ins.	Fathoms.	Ins.	Fathoms.	Ins.	Fathoms.	Ins.	Fathoms.	Ins.	Tons.	Fathoms.	Ins.	Fathoms.	Ins.															
6458	270	2 1/8	81 1/4	113 1/4	619	11 27	608	2 1/4	270	2 1/8	STEEL LINE	S.TAYLOR & SONS	S.LD. 20-6-13. L. HAFNER	HAWSEER & WARPS	2.90	2 1/2	12 1/2	2.90	7			2.90	7																
Iron - Stream Chain or Steel Wire	90	4 1/2	39						90	4 1/2																													
Boats Two 24ft LIFEBOATS, ONE 18ft GIG, ONE 16ft DINGHY. Steering Gear, Steam YES Steering Gear, Hand YES Pumps, Number ONE DOWNTON AND ONE HAND Diameter of Barrel 6 + 5 State whether they are in efficient working order YES Windlass is STEAM BY EMERSON WALKER & CO LTD Capstan ✓ Engine Room Skylights.—How constructed? STEEL PLATES AND ANGLES What arrangements for deadlights in bad weather? BULL'S EYES IN HINGED STEEL PLATES Coal Bunker Openings.—How constructed? " " " How are lids secured? CLEATS, BATTENS, WEDGES, ETC Height above deck? 18 Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. FOUR SCUPPERS EACH SIDE IN WELLS, SIX FREEING PORTS EACH SIDE FORM 2'-10" x 1'-5" Ceiling in Holds, thickness and material 2 1/2 W.WOOD (COMPLETE) Cargo Battens, thickness and material 9 x 1 1/2 W.W. Cargo Hatchways.—How formed? STEEL PLATES AND ANGLES Hatches, If strong and efficient? YES State size No. 1 Hatch (Forward) 25'x 20' No. 2 Hatch 25'x 20' No. 3 Hatch 25'x 20' No. 4 Hatch 25'x 20' Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch FOUR No. of Breasthooks FOUR No. of Crutches DEEP FLOORS Bulwarks, height above deck and description 3'-9" 5/20 STEEL PLATES WITH STAYS Main Rail, material and size 6 x 3 1/2 x 50 B.A. STEEL The foregoing is a correct description. Builder's Signature (here only) J. Frank B. Stockerly Surveyor's Signature Walsner Surveyor to Lloyd's Register of British and Foreign Shipping.																																							
Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case). M 28-10-12 F 2-11-12. E 18-1-13.																																							
Workmanship. Are the butts of plating planed or otherwise fitted? PLANED AND OVERLAPPED. Is the riveted work properly closed? YES Are the liners between the frames and plates solid single pieces? JOGGLED PLATING Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? 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? A FEW. Are the butts of Plating, Stringers, &c., properly shifted and strapped OR OVERLAPPED? YES Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests. SATISFACTORY Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? YES State results of tests SATISFACTORY General Remarks (State quality of workmanship, &c.) The materials and workmanship are good. This vessel has been built in accordance with the approved plans, the Secretary's letters, as given above, and otherwise in compliance with the Rules of the Society.																																							
The Surveyor should state the Number of Report and Name of any Sister Vessel.																																							
The amount of Entry Fee £ 5 : 0 : 0 Fees applied for, 1. 11. 1913 Special Survey Fee. 175 124 : 11 : 6 Received by me, 11/10/13 Travelling Expenses, if any £ : : State whether the Vessel has been built under Special Survey YES I am of opinion this Vessel should be Classed + 100A 1. With or without Freeboard, as condition of Class WITHOUT																																							
Committee's Minute TUE OCT 7 1913 Character assigned 100A 1 Lloyd's 2760 + Lmb 9.13																																							

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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) 10~~5~~ STL.

Official No. 132888; Signal Letters _____ State if Machinery is fitted aft NO

How are the surfaces preserved from oxidation? Inside CEMENT AND PAINT Outside PAINT

Where Fitted.	°Length.	Water Capacity.	Where Fitted.	°Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	129.17	384	Fore peak tank,		145
Double bottom, under Engines and Boilers,	39.58	173½	After peak tank,		181
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,		✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,		✓
Double bottom, forward,	166.67	620	Other tanks, if fitted,		✓
	Total capacity of double bottom	1177½	(If necessary, furnish further information by sketch.)		✓

² 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

No. 180 in builder's yard.

DATES of Surveys
held while building

1912 Dec. 18. 31 Jan 7. 14. 17. 22. 29. Feb. 5. 11. 17. 25. 28. Mar 6. 11. 14. 20. 28. Apr. 2. 11. 15. 23.
May 1. 6. 14. 20. 23. 27. June 4. 10. 28. Jul. 7. 11. 16. 22. 25. 30. Aug 6. 11. 14. 19. 22. 25. 27. 29.
Sep. 1. 10. 15. 23. 25. 26.

Total No. of Visits 58

Surveyor's Signature

Wagner

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Foundation