

With or Without Disconnected Erections.

STEEL STEAMER.

Received at London Office, **THU OCT.-8. 1914**

Date of completion of report **7-10-14** Port of **Kull**
 Survey held at **Kull** Date, First Survey **Dec 12/13** Last Survey **Sep 19 1914**
 On the (State if Single, Twin, or Triple Screw) **STEAMER "SUMATRA"** Rig **Schooner**
 No. **27969**

TONNAGE under Tonnage Deck. **4971.43**
 Do. between Tonnage Dk. and 3rd and 4th Dk. **120.11**
 Total under Upper Dk. **20.52**
 Do. of Poop **25.39**
 Do. of Forecastle **168.40**
 Do. of Houses on Dk. **6.91**
 Do. of excess of Hatchways **38.88**
 Do. above Crown of Engine Room **5351.64**
 Gross Tonnage **191.18**
 Less Crew Space **38.88**
 Less above Crown of Engine Room **5121.58**
 Net Tonnage for Fees **1712.52**
 Engine Room **83.40**
 Navigation Spaces **3364.54**

CLASS +100A.1
Breadth (greatest moulded) **53.8**
Depth at middle of length from top of keel to top of upper deck beams at side **29.5**
Transverse Number **83.3**
Length on deck from fore part of stem to after part of stern post **425**
Longitudinal Number **35402**
Depth "d," at middle of length (See Secs. 2 & 13) **17.5**
Proportions—Depths to Length—Upper Deck Beam at side to top of keel **11.41**
Side to top of keel **11.33**
Long Bridge Deck
Beam at side to top of keel

Master
Year of appointment (1) As Master in service of owner of present vessel—191 (2) As Master of this vessel—191
Built at **Kull**
When built **1914** **Launched** **25 July 1914**
By whom built **Messrs. Earle & Co.**
Owners **Akties Svenska Ostasiatiska Komf.**
Managers (Where necessary to be entered in Reg. Book.)
Residence
Port belonging to **Göteborg**

Destined Voyage **Surveyed while Building, Afloat, or in Dry Dock**
Length on Deck as per Rule **425** **Breadth—Moulded** **53** **Depth, Actual—Top of Floors to top of Upper Dk. Beams** **26** **No. of Decks with flat laid** **2**
Do. **Do.** **Do.** **Do.** **Second Dk. Beams** **18** **No. of Tiers of Beams** **2**
Moulded depth, ft. **37** **ins.** **6** **To** **Bridge Dk.** **Round of Upper Dk. Beam, Actual** **12** **ins.**
Moulded depth, ft. **29** **ins.** **6** **To** **Upper Dk.**

FRAMING.				PILLARS.			
Inches in Ship	Inches in Ship	Inches in Ship	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 9 1/2 3 1/2 58 9 1/2 3 1/2 58				PILLARS, In 'tween Deck, size and spacing at ends of vessel as per profile (Solid)			
Do. in peaks 7 3 1/2 44 7 3 1/2 44				" " Hold " "			
Do. in way of Double Bottoms at Solid Floors 4 3 1/2 40 4 3 1/2 40				" " Quarter 'tween Dks., " "			
" " at intermdt. Bkts. 7 3 1/2 42 7 3 1/2 42				" " in Hold " "			
Spacing of Frames from centre to centre amidships 27 27				KEELSONS & STRINGERS.			
" " length to Collision bulkhead 27 27				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate			
" " in peaks 24 24				" " Rider Plate			
EVERSED FRAME, Angles 3 1/2 3 1/2 42 3 1/2 3 1/2 42				" " Flat Plate Keel Angles			
Do. in way of Double Bottoms at Solid Floors 7 3 40 7 3 40				" " Horizontal Plates on Floors			
" " at intermdt. Bkts. 7 3 40 7 3 40				" " Angles or Bulb Angles			
RAINING, depth of girder				SIDE KEELSONS, Number			
LOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships				" " Angles or Bulb Angles			
" " in way of Engine and Boiler Spaces				" " Plate above floors, for length			
" " thickness at the ends of vessel				" " Intercoastal Plate, for length			
" " depth at 1/2 the half breadth, as per Rule				" " Attached to outside Plating with Angle			
" " height extended at the Bilges				BILGE KEELSON, Angles			
LOORS in Cell. Double Bottoms 42 42				" " Intercoastal Plate for length			
" " state if flanged (top & bottom) no				" " Attached to outside Plating with Angle			
" " Spacing of Solid floors as per approved profile				SIDE STRINGERS, Number			
CENTRE GIRDER, in Dbl. bottom, dpth. & thknss 44 52 44 52				" " Angle			
" " Angle, Top 4 1/2 4 1/2 60 4 1/2 4 1/2 60				" " Intercoastal Plate, for length			
" " Bottom 4 1/2 4 1/2 60 4 1/2 4 1/2 60				" " Attached to outside plating with Angle			
" " to Floors 5 5 56 5 5 56				Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge) 63 46 63 46			
" " Brackets at intermdt. frmg., wdth & thknss 30 40 30 40				" " br'dth & thickness (in way of Bridge) 3 1/2 x 3 1/2 48 3 1/2 x 3 1/2 48			
SIDE GIRDERS, number on each side & thickness two three 40 two three 40				" " Angle (clear of Bridge) 3 1/2 x 3 1/2 48 3 1/2 x 3 1/2 48			
" " state if flanged (top and bottom) no				" " Tie Plate at sides of Hatchways 40 40			
" " Angles (top and bottom) 3 1/2 3 1/2 42 3 1/2 3 1/2 42				Deck * Iron or Steel, for full lng. 40 40			
" " to Floors 3 3 40 3 3 40				" " Thickness (clear of Bridge) 40 40			
MARGIN PLATE, depth (exclusive of flange) and thickness 34 48 34 48				" " (in way of Bridge) 40 40			
" " Angle to Outside Plating 4 4 48 4 4 48				Wood Deck. Material & thickness 66 42 66 42			
" " Floors 5 3 1/2 40 5 3 1/2 40				Second Deck Stringer Plate, br'dth & thickness 35 3 1/2 48 34 x 3 1/2 48			
Brackets at intermdt. frmg., wdth & thknss 30 40 30 40				" " Angles on ditto, No. 34 34			
Height of Outside Brackets above at bilge 26 26				" " Tie Plates outside Hatchways 34 34			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 60 50 60 50				Deck * Iron or Steel, for full lng. 34 34			
" " in Engine and Boiler space 50 56 50 56				Wood Deck. Material & thickness 34 34			
" " Remainder in Holds 40 56 40 56				Third Deck Stringer Plate, br'dth & thickness			
BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel 9 1/2 3 1/2 56 9 1/2 3 1/2 56				" " Angles on ditto, No.			
" " In way of Long Bridge on alternate frames				" " Tie Plates, outside Hatchways			
" " Spacing on alternate frames				" " Deck. Material & thickness			
BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel 11 3 1/2 62 11 3 1/2 62				Fourth and Fifth Deck Stringer Plate, breadth & thickness			
" " Spacing on alternate frames				" " Angles on ditto, No.			
BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel 9 1/2 3 1/2 56 9 1/2 3 1/2 56				" " Tie Plates outside Hatchways			
" " Angles on upper edge on alternate frames				" " Deck. Material & thickness			
" " Spacing on alternate frames				Poop Deck Stringer Plate, breadth & thickness			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 9 1/2 3 1/2 56 9 1/2 3 1/2 56				" " Angle on ditto			
" " Angles on upper edge on alternate frames				" " Tie Plates			
" " Spacing on alternate frames				Deck. Material and thickness 58 58 58 58			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 9 1/2 3 1/2 56 9 1/2 3 1/2 56				Bridge Deck Stringer Plate, br'dth & thickness 58 58 58 58			
" " Angles on upper edge on alternate frames				" " Angle on ditto 5 x 5 60 5 x 5 60			
" " Spacing on alternate frames				" " Tie Plates			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel 9 1/2 3 1/2 56 9 1/2 3 1/2 56				" " Deck. Material and thickness 44 44			
" " Angles on upper edge on alternate frames				Forecastle Deck Stringer Plate, br'dth & th'kns 4 x 5 x 3 P. Pins 5 x 3 P. Pins			
" " Spacing on alternate frames				" " Angle on ditto			
" " Spacing on alternate frames				" " Tie Plates			
" " Spacing on alternate frames				" " Deck. Material and thickness			

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

WEB FRAMES.
WEB-FRAMES, In Fore Body, No. and spacing
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 Face Angles to Web-Frames
BRACKET PLATES to Stringers between
Web Frames, depth and thickness

FORGINGS or CASTINGS.
KEEL, Bar, depth and thickness
STEM, moulding and thickness
STERN-POST for Rudder do. do.
for Propeller
RUDDER-A x D* Table 22. Speed
Main-Piece, diameter at head
at heel

BULKHEADS.
Number. Thickness. STIFFENERS.
W.T. BULKHEADS
COLLISION PARTITION
LONGITUDINAL

RUDDER, how constructed
Thickness of Plates or Single Plate
Can the Rudder be unshipped afloat?

Manufacturer's name or trade mark of the Iron or Steel
Palmer & Sons & Co., Corp. Harb. & Co.,
Consolidated Co.
Has the Steel been tested as required by the Rules?

Are the outside Plates doubled two spaces of Frames in length?
Are the Sluice Valves and Watertight Doors in efficient working order?

PLATING.
STRAKES.
FLAT PLATE KEEL
GARBOARD OR A STRAKE
U. D. Sheer
S. D. Sheer
THICKNESS OF STRAKE
CLEAR OF LONG BRIDGE
DO. OF STRAKE BELOW
DBLG. of Flat Plate Keel
Sheerstrakes
POOP SIDES
SHORT BRIDGE SIDES
FORECASTLE SIDES

RIVETING.
EDGES.
BUTTS.
Double or Treble and for what Length.
RIVETS.
STRAPS.
IF LAPPED.

Upper Deck
Stringer Plate
Second Deck
Stringer Plate
Butts, riveted for
Straps, single, double or overlapped for
Butts double riveted for full length
overlapped for full length

FRAMES extend in one length from
REVERSED FRAMES on floors and frames extend from

MASTS, SPARS, &c.
LOWER MASTS
Bowsprit
Topmasts, Yards and Remainder of Spars
Rigging, Material and Size, Shrouds
Sails. Suit of

Boats *2. Life boats & 2 dinghies (food)*
Pumps, Number *one down in one hand pump*
Windlass is *Clark Chapman*
Engine Room Skylights.—How constructed? *Steel*
Coal Bunker Openings.—How constructed? *Steel*
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *7 scuppers & one freeing port 24" x 15" each side in shells, tween decks.*
Ceiling in Holds, thickness and material. *2" spar, 2 1/2" close - w. wood.*
Cargo Hatchways.—How formed? *Steel*
State size No. 1 Hatch (Forward) *22'-6" x 18'-0"* No. ³⁸⁴2 Hatches *27'-0" x 18'-0"* No. ⁵3 Hatch *24'-9" x 18'-0"* No. ^{Coal}4 Hatch *9'-0" x 18'-0"*
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *4 shifting beams to nos. 1, 2, 3, 4, 5, and 1 shifting beam to cooling hatch.* **FOR EXETER'S**
Bulwarks, height above deck and description. **SHIPBUILDING & ENGINEERING CO. LIMITED.**
The foregoing is a correct description.
Builder's Signature (here only) *Richardson*
Steering Gear, Steam *Amos & Smith* Steering Gear, Hand *Amos & Smith*
Diameter of Barrel *6" x 5"* State whether they are in efficient working order *Yes.*
Capstan ☒
What arrangements for deadlights in bad weather? *Steel flap & glass bell eyes.*
How are lids secured? *battens & tarpaulins* Height above deck? *30"*
Cargo Battens, thickness and material *2" w. wood.* ☒
Hatches, If strong and efficient? *Yes.*
No. of Breasthooks *4 & deck ends* No. of Crutches *2 & deep floors.*
Main Rail, material and size ☒
Surveyor's Signature *P. B. Laws.*
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 1/10/13, 3/10/13, 18/11/13, 20/1/14, 24/1/14, 26/1/14, 5/2/14, 4/3/14, 12/9/14. E 3/2/14.

Workmanship. Are the butts of plating planed or otherwise fitted? *planed*

Is the riveted work properly closed? *yes.*

Are the liners between the frames and plates solid single pieces? *joggled frames.* 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? *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.) *This vessel has been constructed in accordance with the approved Plans herewith enclosed, the Secretary's letters, and generally in conformity with the Society's Rules, and the materials & workmanship throughout are good. This vessel was stated to have sustained bow damage after launching by breaking away from the tugs and colliding with the steamer "ALF" lying at anchor in the river Thames on 25th July 1914. The following repairs have been carried out:—*

Port side—Stem plates in C, D, E, & F strakes renewed, and in B & G strakes removed & fairer replaced.

Starboard side—Stem plates in B, C, D, E, & F strakes removed & fairer replaced.

Bot frame Port & starboard—fairer in place & riveted & one beam (at upper stringer) renewed.

At upper stringer—one (foremost) stringer plate renewed on Port side & on starboard side fairer in place; two stringer bars and shell legs removed & fairer replaced. The stem bar Port renewed.

The riveting & caulking in way of damage overhauled & made good and the forepeak tested under water pressure after completion of the repairs in dry dock.

The Surveyor should state the Number of Report and Name of any Sister Vessel.
Plans to be forwarded with F.E. Report showing vessel as built.

The amount of Entry Fee £ 5 0 : 0
Special Survey Fee £ 153 1 : 0
Travelling Expenses, if any £ ✓ :
Fees applied for, 26-9-1914
Received by me, 12/10/14
Certificate to be sent to Hull
Date of issue 13/10/14
State whether the Vessel has been built under Special Survey
I am of opinion this Vessel should be Classed +100A.1 "Shell & Bell"
With, or without Freeboard, as condition of Class with
B. Chaw. S.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned

FRI. OCT. - 9. 1914

10001
Chester ok with fld.
Lloyd's A.B.P.
W.A.

+ Lmb. 9. 14.

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Lloyd's R
Foundat
W448-009312

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., Bridge ☒ ft., Forecastle ☒ 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) 2 Dks (all) + Skells Dk (all w.s.)

Official No. _____; Signal Letters _____ State if Machinery is fitted aft 20 - amidships

How are the surfaces preserved from oxidation? Inside Paint & 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,	124	306	Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,	27	102	Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,	211.5	680	Other tanks, if fitted,		
	Total capacity of double bottom	1088	(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. 2034A
 Date 6/10/13
 No. 6007 in builder's yard.
 DATES of Surveys held while building
1913. Dec 12. 1914. Jan 19. 22. 30. Feb 4. 5. 9. 16. 27. Mar 2. 6. 11. 17. 24. 27. 31. Apr 2. 6. 9. 20. 30. May 1. 19. 20. 22. 25. 27. 29. Jun 3. 8. 10. 15. 16. 17. 18. 23. 24. 29. 30. July 1. 6. 7. 8. 10. 13. 14. 16. 18. 23. 24. 27. 30. Aug 13. 14. 17. 18. 22. 24. 25. 28. Sep 2. 3. 8. 10. 11. 14. 19.

Surveyor's Signature B. Chas.

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 Total No. of Visits

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