

# Awning or Shelter Deck, or Pt. Awning Deck.

## STEEL STEAMER.

No. 3840.

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

Port of *Copenhagen*  
Survey held at *Copenhagen*

Date of completion of Report *10 April 1913*  
Date, First Survey *23 August 1912*

Received at London Office *MON. APR. 14. 1913*  
Last Survey *9 April 1913*

On the (State if *Steam*, *Tug*, *Tram*, *Scow*)

*Steel Twin to 4 mast fr "SIAM"*  
CLASS *100 A 1 Shelter Deck with full board.*

Rig *4 mast schooner*

TONNAGE under Tonnage Deck... *4858.81*  
Do. between Tonnage Dk. and 3rd, 4th, or Awning Dk. *✓*  
Total under Upper Dk. *226.19*  
Do. of R. Qr. Dk. *✓*  
Do. of Bridge House *✓*  
Do. of Forecastle *✓*  
Do. of Houses on Deck *193.46*  
Do. of excess of Hatchways *✓*  
Do. of Crown of *17.37*  
Gross Tonnage *5295.83*  
Less Crew Space *146.66*  
Less above Crown of *✓*  
Engine Room *✓*  
TONNAGE FOR FEES... *5138.54*  
Less Engine Room *1694.67*  
Less Navigation Spaces *133.11*

Breadth (greatest moulded) *55'-0"*  
Depth, at middle of length from top of keel to top of beams at side of uppermost Continuous Deck *38'-6"*  
Deduct height of tween deck when this does not exceed 8ft. *8'-0"*  
Transverse Number *85.5*  
Length on deck from fore part of stem to after part of sternpost *410'-0"*  
Longitudinal Number *35055*  
Depth "d" at middle of length. See Secs. 2 & 13... *18.79*  
Proportions, Depths to Length, Uppermost Continuous Deck at side to top of keel *10.641*  
" " " Upper Deck at side to top of keel *19.44*

Master *Care Jansen*  
Year of Appointment *(1) As Master in service of owner of present vessel: 1913 (2) As Master of this vessel: 1913*  
Built at *Copenhagen*  
When built *1912-13* Launched *5 Feb 1913*  
By whom built *J. Burmeister & Wain's Maskin & Skrivingsværk*  
Owners *J. St. Ostad's Kompagni (The Asiatic Co. Ltd)*  
Managers *✓*  
Residence *Copenhagen*  
Port belonging to *Copenhagen*

Register Tonnage *3310.76* as cut on Beam... Destined Voyage *Aalborg* If Surveyed while Building, Afloat, or in Dry Dock *yes*

LENGTH on Deck as per Rule	Ft.	Ins.	BREADTH Moulded	Ft.	Ins.	DEPTH, ACTUAL Do.	Ft.	Ins.	No. of Decks with flat laid	No. of Tiers of Beams
410	0		55	0		38	6		3	
Dimensions of Ship per Register,										
Length	410.0	breadth		55.2	depth		38.6		Round up of Uppermost Dk. Beam, Actual	
FRAMING.										
FRAME, Angles, or E or L Bars, amidships	10	3 1/2	56	10	3 1/2	56				
Do. in peaks	7 1/2	3 1/2	44	7 1/2	3 1/2	44				
Do. in way of Double Bottoms at Solid Floors	4	3 1/2	42	4	3 1/2	42				
" " " at intermdt. Bkts.	✓			✓						
Spacing of Frames from centre to centre amidships			26 1/2			26 1/2				
" " length to collision bulkhead			26 1/2			26 1/2				
" " of Frames from centre to centre in peaks			24			24				
REVERSED FRAME, Angles	✓			✓						
Do. in way of Double bottoms at Solid Floors	4	3 1/2	42	4	3 1/2	42				
" " " at intermdt. Bkts.	✓			✓						
FRAMING, depth of girder										
FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships										
" " in way of Engine and Boiler spaces										
" " thickness at the ends of vessel										
" " depth at 1/2 the half-bdth. as per Rule										
" " height extended at the Bilges										
FLOORS, in Cell Double Bottoms			40			40				
" " state if flanged (top and bottom)	not flanged		not flanged							
" " spacing of Solid			26 1/2			26 1/2				
CENTRE GIRDER, in Dbl. bottom, dpth. & thcknss	44		52	44		52				
" " Angles, Top	3 1/2	3 1/2	52	3 1/2	3 1/2	52				
" " Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60				
" " {single angle for 1/2 L to Floors	5	5	58	5	5	58				
" " Brackets at intermdt. frmg., wdth & thcknss	✓			✓						
SIDE GIRDERS, number and thickness	244		40	244		40				
" " state if flanged (top & bottom)	not flanged		not flanged							
" " Angles	3 1/2	3 1/2	42	3 1/2	3 1/2	42				
MARGIN PLATE, depth (exclusive of flange) and thickness	35		48	35		48				
" " Angles to outside plating	4	4	48	4	4	48				
" " to floors	5	3 1/2	42	5	3 1/2	42				
" " Brackets at intermdt. frmg., wdth & thcknss	✓			✓						
" " Height of Brackets above at bilge			26			26				
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	44		52	44		52				
" " thickness in Engine and Boiler space			86			86				
" " Remainder in Holds			40			40				
BEAMS, Awning or Shlter Dk. Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	10 x 3 1/2 x 3 1/2	56	10 x 3 1/2 x 3 1/2	56						
" " Spacing	2 frame sp = 53"	53	2 frame sp = 53"	53						
BEAMS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	7 x 3 x 3	47 1/2	7 x 3 x 3	47 1/2						
" " Spacing	26 1/2	26 1/2	26 1/2	26 1/2						
BEAMS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 1/2 x 3 1/2	50	8 x 3 1/2 x 3 1/2	50						
" " Angles on upper edge	✓		✓							
" " Spacing			26 1/2			26 1/2				
BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel										
" " Angles on upper edge										
" " Spacing										
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel										
" " Angles on upper edge										
" " Spacing										
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel										
" " Angles on upper edge										
" " Spacing										
Awning or Shelter Deck Stringer Plates, breadth and thickness										
" " Angle on ditto	5 x 5	60	5 x 5	60						
" " Tie Plates, fore and aft, outside Hatchways										
" " Deck * Iron or Steel, for	4	40	4	40						
" " Wood Deck, Material & thickness	Pittipin 3"	Pittipin 3"	Pittipin 3"	Pittipin 3"						
Upper Deck Stringer Plate, breadth and thickness	48	48	48	48						
" " Angles on ditto, No.	2	3 1/2 x 3 1/2	48	3 1/2 x 3 1/2	48					
" " Tie Plates, outside Hatchways										
" " Deck * Iron or Steel, for	4	38	4	38						
" " Wood Deck, Material & thickness										
Second Deck Stringer Plates, br'dth & thckn's	48	44	48	44						
" " Angles on ditto, No.	2	3 1/2 x 3 1/2	48	3 1/2 x 3 1/2	48					
" " Tie Plates, outside Hatchways										
" " Deck * Material and thickness	trial whole deck	30	trial whole deck	30						
Third, Fourth & Fifth Deck Stringer Plate, breadth and thickness										
" " Angles on ditto, No.										
" " Tie Plates, outside Hatchways										
" " Deck, Material and thickness										
Poop Deck Stringer Plate, breadth & thickness										
" " Angles on ditto										
" " Tie Plates										
" " Deck, Material and thickness										
Bridge Deck Stringer Plate, br'dth & thcknss										
" " Angle on ditto										
" " Tie Plates										
" " Deck, Material and thickness										
Forecastle Deck Stringer Plate, br'dth & thckn's										
" " Angle on ditto										
" " Tie Plates										
" " Deck, Material and thickness										

\* If Iron or Steel Deck, state if white or painted, and if wood deck is laid thereon.

W1156 - 00597



WEB FRAMES. 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 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. Propeller RUDDER-AxD\* Table 22. Speed Main-Piece, diameter at head at heel

BULKHEADS. W.T.BULKHEADS COLLISION PARTITION LONGITUDINAL

STIFFENERS. Horizontal Vertical Single or Double Frames Height up, state deck

RUDDER, how constructed Thickness Can the Rudder be unshipped afloat?

Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, Plating, &c.?

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

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

FLAT PLATE KEEL GARBOARD OR A Strake B C D E F G H J K L M N O P Q R S T U V W

THICKNESS OF STRAKE CLEAR OF LONG BRIDGE DO. OF STRAKE BELOW DBLG. of Flat Plate Keel Sheerstrakes POOP SIDES SHORT BRIDGE SIDES FORECASTLE SIDES

Butts, 3ple riveted for length amidship. Butts of Side Stringers riveted. Tie Plates riveted. Inner Bottom Plating, riveting of Edges Rest-Single Butts 2ple riveted. Centre Girder Butts, 3ple riveted. Keelson Butts, riveted. Frames, riveted through Plates with in. Rivets, about apart. Rivets, state whether Iron or Steel.

FRAMES extend in one length from Marginplate to Shelter Deck. REVERSED FRAMES on floors and frames extend from Marginplates to Centre girder. State if ordinary or joggled. State if ordinary or joggled.

MASTS, SPARS, &c. Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING.

LOWER MASTS. Fore Main Mizzen Bowsprit Topmasts, Yards and Remainder of Spars Rigging, Material and Size, Shrouds Sails.



EQUIPMENT No. 37791 / LETTER at / ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQ. BY TABLE 31.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				
68570	1st Bower	68	1	14	✓			52	18	3	0	68		✓	} Hookers Hawthorn Cast Steel Head	} N Hingley & Sons	} Metherton 14 Dec 1912 " " " " 13 Dec "
68571	2nd "	68	0	7	✓			52	15	2	14	68		✓			
68533	3rd "	58	2	0	✓			47	10	0	0	58	2	✓			
	Collective weight	194	3	21	✓							194	2	✓			
68582	Stream	19	1	1	✓	4	3	7	20	4	0	7	19		} ordinary	} N Hingley & Sons	} " 16 Dec " " 16 Dec "
68581	Kedge	8	0	21	✓	2	0	5	10	7	2	0	8				

If Patent state Name of Patentee.

W Green  
Stocks, date Mtd 1912 1331

CHAIN CABLES.													HAWSERS AND WARPS.						
Number of Certificate.	Length and Size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms 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 Towline.	Fathoms and size per Table 31.			
	Length.	Diam.	Sut-tu-ry.	Break-ing.	Supplied.	Per Rule.	Cwts. qrs. lbs.	Cwts. qrs. lbs.					Fathoms.	Ins.		Length.	Cir.	Fathoms.	Ins.
12651	270	2 5/16	96 1/2	194 3/4	736-3-7	720-5-4	270	2 5/16	stud	J Taylor & Sons	Cardiff 7 Dec	TOWLINE	2x90	8 1/2 w	65 -	2x90	8 1/2 w		
										Brierley Hill	1912	HAWSERS & WARPS	2x90	7 ma		2x90	7 ma		
Iron Steam eel Wire...		Cir.						Cir.				" "	90	5 w	59 -				
	90	5		59		90	5	59	Steel wire			" "							

Date *12 Jan 1880* Steel *28-0* x *7-9* x *3-6* Lifeboats *2*  
 Number of *2* Hull Boats Wood *18-0* x *5-8* x *2-4*  
 Number *1* Bowton  
 Class is *Clarke Chapman, Electrically driven.*  
 Engine Room Skylights.—How constructed? *Steel framing, wood sashes* What arrangements for deadlights in bad weather? *Tarpaulins.*  
 Bunkers.—How constructed? *✓* How are lids secured? *✓* Height above deck? *✓*  
 Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *✓*  
 Plating in Holds, thickness and material *2 1/2" Pine, 2 1/2" above tanktop*  
 Cargo Hatchways.—How formed? *2-11 high Steel framing. 4-4-54 thick at sides, 4-0 at ends* Hatches, If strong and efficient? *Yes.*  
 Size of No. 1 Hatch (Forward) *26-6 x 15-11 1/4* No. 2 Hatch *35-3 1/2 x 15-11 1/4* No. 3 Hatch *30-11 x 15-11 1/4* No. 4 Hatch *24-4 x 15-11 1/4*  
 Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No 1: 5 Shifting beams, No 2: 6 Sts., No 3: 6 Sts. & No 5 " " "*  
 No. of Breasthooks *6* No. of Crutches *✓*  
 Main Rail and Stays, material and size *6 1/2 x 3 x 40 ft & 1 Moulding.*  
 Stay *8 7/8 x 40 ft*  
 The foregoing is a correct description.  
 Master's Signature (here only) *Jac. Rosen* Surveyor's Signature  
 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*)  
 7: 1-22-23-24 5 1/12, 7/6 15/11 19/11 4/12/12; E: 32/4 18/8 29/8 19/11 1/12

**Workmanship.** Are the butts of plating planed or otherwise fitted? planed  
 the riveted work properly closed? yes  
 Are the liners between the frames and plates solid single pieces? single 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? no  
 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 good  
 Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? yes State results of tests good  
**General Remarks** (State quality of workmanship, &c.)

This steel Twin screw diesel engine vessel has been built in accordance with the midship-section, profile & other plans approved, the Secretary's letters of the above dated and in other respects as required by the rules for the class contemplated.

The amount of Entry Fee ..... £ 91: 40 :  
 Special Survey Fee..... £ 2805: 52 :  
 Travelling Expenses, if any £ 115: 16 :  
 No. 3 of 12: 08

Fees applied for,  
 12-4 1913  
 Received by me, *[Signature]*  
 23-4-1913

Certificate to be sent to *Surveyors*  
*Office*  
*Copenhagen*  
 Date of issue *15/4/13.*

State whether the Vessel has been built under Special Survey *under Special Survey*  
 In my opinion this Vessel should be Classed *+100 A1 Shelter Deck with freeboard*  
*Lloyd's A & C7, fitted for liquid fuel.*  
 with, or without Freeboard, as condition of Class *with freeboard.*

*Jac. Rosen.*  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute  
Character assigned

TUE APR 15 10 13  
100-181  
Shells dk with fbd  
Lloyd ascp  
thru 4.13



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 Decks (Iron) & Keelsons (Iron-wood)

Official No. ☒ ; Signal Letters NSGT State if Machinery is fitted aft no

How are the surfaces preserved from oxidation? Inside /Coat of boiled linseed oil, 2 coats Red oxide Outside /Coat red oxide, 2 coats patent Composition.

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

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	126'-0	363	Fore peak tank, } only for water	<input checked="" type="checkbox"/>	97
Double bottom, under Engines and Boilers,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	After peak tank, }	<input checked="" type="checkbox"/>	73
Double bottom, if under Engines only,	46'-4 1/2	200	Deep tank, between stowage tanks (80 Tons) side	37'-0	<input checked="" type="checkbox"/>
Double bottom, if under Boilers only,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Deep tank, forward,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Double bottom, forward,	190'-0	712	Other tanks, if fitted,	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Total capacity of double bottom	1275	(If necessary, furnish further information by sketch.)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

\* 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. 14

Date 16 August 1912

No. 287 in builder's yard.

DATES OF SURVEYS held while building

23-27-29 August 1912; 5-10-12-13 Sept 1912; 2-7-9-11-12-15-18-19-22-26-28 October 1912; 1-5-7-9-12-15-16-18-21-23-25-27-29 Nov 1912; 2-3-5-6-7-10-18-20-21-24-28 Dec 1912; 7-11-15-17-18-21-25-31 Jan 1913; 3-5-7-18 Feb 1913; 1-3-5-12-23-27 March 1913; 3-4-9 April 1913.

Surveyor's Signature

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Total No. of Visits 64

Lloyd's Register Foundation