

Shade
Awning or Shelter Deck,
or Pt. Awning Deck.

STEEL STEAMER.

No. 7024.
WED. DEC. 27. 1911

Port of Belfast Date of completion of Report 22nd Dec 1911 Received at London Office
Survey held at Belfast Date, First Survey Dec 1st 1910 Last Survey Dec 21st 1911
On the Steel screw steamer "EKMA" Rig Schooner

TONNAGE under
Tonnage Deck...
Do. between Tonnage Dk and
3rd, 4th, or Awning Dk.
Total under Upper Dk. 3723.66
Do. of Poop 32.98
Do. of A. Qr. Dk. 516.40
Do. of Bridge House 190.29
Do. of Forecastle 37.04
Do. of Houses on Deck Round 242.08
Do. of excess of Hatchways 3.94
Do. above Crown of
Engine Room 361.56
Gross Tonnage 5107.95
Less Crew Space 230.82
As above Crown of
Engine Room 361.56
TONNAGE FOR FEES... 4515.57
As above Crown of
Engine Room 2425.82
As Navigation Spaces 95.22

CLASS 100A1 SHADE DK. FEET.
Breadth (greatest moulded) 52.25
Depth, at middle of length from top of keel to top of
beams at side of uppermost Continuous Deck 27.25
Deduct height of Tween deck when this does not exceed 8ft. ✓
Transverse Number 79.5
Length on deck from fore part of stem to after part of
sternpost 410.0
Longitudinal Number 32595
Depth "d" at middle of length. See Secs. 2 & 13... 15.9
Proportions, Depths to Length, Uppermost Continuous
Deck at side to top of keel SHADE DK. 11.6
" " Upper Deck at side
to top of keel 15.04

Master Hancock
Year of Appointment (1) As Master in service of
owner of present vessel - 1911
(2) As Master of this
vessel - 1911
Built at Belfast
When built 1911 Launched 21st Oct 1911
By whom built Workman Clark & Co.
Owners British India Steam Nav. Co.
Managers
(Where necessary to be entered in Reg. Book.)
Residence
Port belonging to Glasgow

Register Tonnage 2356.09
As cut on Beam...

Destined Voyage India If Surveyed while Building, Afloat, or in Dry Dock Yes

LENGTH on Ft. Ins. BREADTH Ft. Ins. DEPTH, ACTUAL - Top of Floors to top of Awning or Shelter Dk. Beams Ft. Ins.
Deck as per Rule 410 0 Moulded 52 3 Do. do. Upper Deck Beams 32 8
Dimensions of Ship per Register, Awning or Shelter Dk. Moulded depth, ft. 35 ins. 3 To Awning or Shelter Dk. Round up of Uppermost
Length 410 breadth 52.6 depth 24.7 Upper Deck. Moulded depth, ft. 27 ins. 3 To Upper Dk. Dk. Beam, Actual 122 ins.

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, or Bars, amidships	6	3 1/2	46	56	3 1/2	46
Do. in peaks	6	3 1/2	36	56	3 1/2	36
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40
" " at intermdt. Bkts.						
acing of Frames from centre to centre amidships	26			26		
" " length to collision bulkhead	26			26		
" " of Frames from centre to centre in peaks	24			24		
VERSED FRAME, Angles (3x3 1/2 x 36 in Peaks)	5 1/2	3 1/2	46	5 1/2	3 1/2	46
Do. in way of Double bottoms at Solid Floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40
" " at intermdt. Bkts.						
AMING, depth of girder	8	8 1/2		8	8 1/2	
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships	43		40	43		40
" " 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						
DOORS & BRACKETS, in Cell Dble Bottoms	43		40	43		40
" " state if flanged (top & bottom)	no			no		
" " spacing	26			26		
ITRE GIRDER, in Dbl. bottom, dpth. & thicknss	43		50	43		50
" " Angles, Top	3 1/2	3 1/2	50	3 1/2	3 1/2	50
" " " Bottom	4 1/2	4 1/2	60	4 1/2	4 1/2	60
" " " to Floors	5	5	56	5	5	56
E GIRDERS, number and thickness	(2)		40	(2)		40
" " state if flanged (top & bottom)	no			no		
Angles Vertical 3 1/2 x 3 1/2 x 40	3 1/2	3 1/2	40	3 1/2	3 1/2	40
GIN PLATE, depth (exclusive of flange) and thickness	36		48	33		48
" " Angles to outside plating	4	4	48	4	4	48
" " " to floors	3 1/2	3 1/2	40	3 1/2	3 1/2	40
" " Height of Brackets above at bilge	25			25		
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake	48		50	48		50
" " thickness in Engine and Boiler space	5/16	1/8	5/16	5/16	1/8	5/16
" " Remainder in Holds	40	4	36	40	4	36
MS, Awning or Shlter Dk, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 1/2 x 5/16 W		8 x 3 1/2 x 5/16 W			
Angles on upper edge						
Spacing	52			52		
MS, Upper Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	8 x 3 1/2 x 5/16 W		8 x 3 1/2 x 5/16 W			
Angles on upper edge						
Spacing	52			52		
MS, Second, Third & Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb or Channel	11 x 3 1/2 x 5/16 W		11 x 3 1/2 x 5/16 W			
Angles on upper edge						
Spacing	52			52		
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	8	3 1/2	52	8	3 1/2	52
" " Angles on upper edge						
" " Spacing	52			52		
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb or Channel						
" " Angles on upper edge						
" " Spacing						

PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
PILLARS, In Tween Deck, size and spacing	S. & U. 2 1/8 M. 2 1/8		5 x 4 2 1/8 M. 2 1/8			
" " Hold 2 Rows	4 1/2 x 4 1/2		4 1/2 x 4 1/2			
" " Quarter Tween Dks.						
" " in Hold			Spacing 52		Spacing 52	
KEELSONS AND STRINGERS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate						
" Rider Plate						
" Flat Keel Plate Angles						
" Horizontal Plates on Floors						
" Angles or Bulb Angles						
SIDE KEELSONS, Number						
" Angles or Bulb Angles						
" Plate above floors, for length						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
BILGE KEELSON, Angles						
" Intercoastal Plate, for length						
" Attached to outside plating with Angle						
SIDE STRINGERS, Number (2)						
" " Angle	6 1/2	3 1/2	50	6 1/2	3 1/2	50
" " Intercoastal Plate, for full lng.			40			44
" Attached to outside plating with Angle	3 1/2	3 1/2	44	3 1/2	3 1/2	44
Awning or Shelter Deck Stringer Plates, breadth and thickness	6 1/2	5/16	48	60	5/16	48
" Angle on ditto	5 x 5	5/16	5 x 5	5/16		
" Tie Plates, fore and aft, outside Hatchways						
" Deck * Iron or Steel, for full lng.	40	4 3/4	36	40	4 3/4	36
" Wood Deck. Material & thickness	2 1/2	1/2	2 1/2	1/2		
Upper Deck Stringer Plate, breadth and thickness	7 1/2	5/16	7 1/2	5/16		
" Angles on ditto, No.	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 full lng.	36	6 3/8	36	6 3/8		
" Wood Deck. Material & thickness	3	P.P.	3	P.P.		
Second Deck Stringer Plates, br'dth & thickn's	60	44	47	44		
" Angles on ditto, No.	3 1/2 x 3 1/2	48	3 1/2 x 3 1/2	48		
" Tie Plates, outside Hatchways	Part 8 1/2	48	26			
" Deck * Material and thickness	3 x 2 1/2	P.P.	3 x 2 1/2	P.P.		
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 & thickness	79	48	74	48		
" Angle on ditto	4 1/2 x 4 1/2	58	4 1/2 x 4 1/2	58		
" Tie Plates	Steel deck		36			
" Deck. Material and thickness	2 1/2	1/2	2 1/2	1/2		
Forecastle Deck Stringer Plate, br'dth & th'kns						
" Angle on ditto						
" Tie Plates						
" Deck. Material and thickness						

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

Form No. 114. WEB FRAMES. FORGINGS or CASTINGS. KEEL, Bar, depth and thickness. STEM, moulding and thickness. STERN-POST for Rudder do. RUDDER-A x D. Table 22. Speed. Main-Piece, diameter at head. RUDDER, how constructed. COLLISION. PLATING. STRAKES. RIVETING. BUTTS. THICKNESS OF SHEET PILE. POOP SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. SHADE. Upper Deck. Stringer Plate. FRAMES. REVERSED FRAMES. MASTS, SPARS, &c. RIGGING. Sails.

EQUIPMENT No. 36580 LETTER Z. ANCHORS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Pumps, Number. Windlass is. Engine Room Skylights. Coal Bunker Openings. Ceiling in Holds, thickness and material. Cargo Hatchways. Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch. No. of Breasthooks. Bulwarks, height above deck and description. Correspondence. Workmanship. General Remarks. This vessel has been built in accordance with the approved plans, the Secretary's letter of the above date and in conformity with the Rules for the class contemplated. This vessel is a sister ship to the S/S Egra. Rel. Ref. No 6974. The Surveyor should state the Number of Report and Name of any Sister Vessel. The amount of Entry Fee. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. FRI. DEC. 29. 1911. 100 ft. Shade dk. Lloyd's at 12. 11. Lloyd's Register Foundation.

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. ☒ ft., ^{on shade dk} Bridge 158 ft., Forecastle ☒ ft.
(in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Complete shade deck with bridge above*

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) *2 Dks. Upper steel r.s. main part steel r.s. and shade steel tank shell*

Official No. *132999*; Signal Letters _____ State if Machinery is fitted aft *fitted Amidships*

How are the surfaces preserved from oxidation? Inside *Portland cement & Paint* Outside *Paint*

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	<i>75.10"</i>	<i>114</i>	Fore peak tank,	<i>Keel water</i>	<i>58</i>
Double bottom, under Engines and Boilers,	<i>108.4"</i>	<i>356</i>	After peak tank,		<i>44</i>
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,	<i>158</i>	<i>262</i>	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	<i>732</i>	(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. *583*

Date *16th Sept 1910*

No. *308* in builder's yard.

DATES of Surveys held while building

1910 Dec 1. 9. 22. 1911 Jan 5. 9. 18. 20. 23. 26. 31. Feb. 1. 7. 9. 13. 15. 17. 21. 22. 23. 27. Mar. 2. 8. 13. 14. Mar. 20. 23. 27. 29. April. 4. 6. 10. 12. 14. 24. 26. May 3. 5. 9. 15. 19. 23. 29. June 2. 9. 12. 14. 16. 21. 26. 28. 30. July 4. 5. 6. 10. 20. 26. 31. August 1. 4. 8. 9. 10. 14. 23. 29. 30. Sept. 5. 6. 11. 14. 18. 19. 26. 27. 28. 29. Oct. 2. 5. 13. Oct. 16. 19. 20. 25. 31. Nov. 1. 6. 8. 15. 20. 23. 27. 28. Dec. 1. 4. 5. 7. 12. 14. 18. 21.

Total No. of Visits *101*

Surveyor's Signature

J. M. Iwerina

Lloyd's Register Foundation