

Spar, or Awning Dk. IRON OR STEEL STEAMER.

No. 11824

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

Port of *Greenock* Date of completion of Report *23rd May 1896* Received at London Office *WED. 8 SEP 1897*

Survey held at *Greenock* Date, First Survey *23rd May 1896* Last Survey *3rd September 1897*

Of the *Steel Screw Steamer "Egypt"* Schooner Rig *2 Masts*

GE under } 3178.55
Shade Deck... }
Between Tonnage Dk. } 3264.57
and 3rd, 4th, Spar or }
Awning Dk. }
Tonnage under Upper Dk. 6443.26
of Poop side 133.84
No. of Bridge House 380.82
No. of Forecasts 97.85
Do. of Houses on Deck 554.58
Do. of excess of Hatchways
Do. above Crown of } 302.49
Engine Room... }
Gross Tonnage 7912.45
Less Crew Space 439.74
Less above Crown of } 302.49
Engine Room... }
TONNAGE FOR REGS... 7170.31
Less Engine Room 324.31
Less Navigation Spaces 50.85
Register Tonnage } 4178.69
as cut on Beam... }

SPAR, AWNING OR PART AWNING-DECKED VESSEL,
or a Vessel having a continuous Shade Deck.

CLASS 100A

Half Breadth (moulded) 27.0 27.0
Depth from upper part of keel to top of Main Deck Beams 29.46
Girth of Half Midship Frame (as per Rule) 58.33 49.92
1st Number 123.20 106.38
Length 497.75 497.75
2nd Number 578.38 52957
Proportions—Breadths to Length 9.21 9.21
Depths to Length—Main Deck to top of Keel 16.89 13.14
Destined Voyage *Bombay*

Master *R. F. Driscoll*
Year of Appointment
Built at *Greenock*
When built *1897* Launched *15th May 1897*
By whom built *Caird & Co. Ltd.*
Owners *P. & O. S. N. Co.*
Managers
Residence *London*
Port belonging to *Greenock*
If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck Feet. Inches. BREADTH—Feet. Inches. DEPTH, top of Floors to Spar or Awn. Dk. Beams Feet. Inches. Power of Horse. No. of Decks with flat laid 325244
as per Rule 497 9 Moulded 54 0 Do. do. Main Deck Beams 32 11/16 Engines 2500 No. of Tiers of Beams 4

Dimensions of Ship per Register, Length 499.8 breadth 54.33 depth 24.5 Spar or Awn. Dk. Moulded depth, ft. 28 ins. 4 To Main Dk. Round up of 10 ins.
Main Deck.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule or as Approved.
FRAME, Angles, or L- or T- Bars, for 1/2 length amidships				KEEL, Bar or Side Plates, depth and thickness			
Do. for 1/2 at each end	6 1/2	3 1/2	11	6 1/2	3 1/2	11	9 x 4 1/2
Do. in way of Double Bottoms at Solid Floors	6 1/2	3 1/2	11	6 1/2	3 1/2	11	12 x 3 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	27		27	STEM-POST for Rudder do. do.			13 1/2 x 8
REVERSED FRAME, Angles	4 1/2	3 1/2	10	4 1/2	3 1/2	10	13 1/2 x 8
DEEP FRAMING, depth of girder	27		27	MAIN PIECE of Rudder, diameter at head			11 1/4
FLOORS, depth and thickness of Floor Plate at mid line for 1/2 length amidships	3 1/2	3 1/2	10	do. at heel			10 x 6
in way of Engines and Boilers	3 1/2	3 1/2	10	RUDDER, how constructed			of flat steel and 1/4 plate
thickness at the ends of vessel	3 1/2	3 1/2	10	Can the Rudder be unshipped afloat?			Yes.
depth at 1/2 the half-bath. as per Rule	3 1/2	3 1/2	10	KEELSONS AND STRINGERS.			
height extended at the Bilges	3 1/2	3 1/2	10	CENTRE LINE KEELSON, Vertical Plate above			
FLOORS & BRACKETS, in Cell Dble Bottoms	9.8		9.8	Floors, Through Plate, or Intercoastal Plate			
Distance apart	27		27	Bulb Plate			
CENTRE GIRDER, in Double bottom, depth and thickness	5.8		5.8	Bulb Plate to Intercoastal Keelson			
Angles, Top	4	4	10.9	Horizontal Plates on Floors			
Angles, Bottom	4	4	10.9	Angles			
SIDE GIRDERS, number and thickness	2	9.8	(2)	SIDE KEELSON, Angles			
Angles	3 1/2	3 1/2	10.9	Bulb or Plate above floors, for			
MARGIN PLATE, depth (exclusive of flange) and thickness	32		32	Intercoastal Plate, for			
Angles	4	4	10.9	Attached to outside plating with Angle			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake	36		36	BIDGE KEELSON, Angles			
thickness in Engine and Boiler space	36		36	Bulb or Plate above floors, for			
Remainder in Holds	36		36	Intercoastal Plate, for			
BEAMS, Spar or Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	10	6	11	Attached to outside plating with Angle			
Angles on upper edge	54		54	BIDGE STRINGER Angles			
Average space	27		27	Bulb or Plate, for			
BEAMS, Main Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 1/2 x 3 1/2 x 9		8 x 3 1/2 x 3 1/2 x 9	Intercoastal Plate, for			
Angles on upper edge	27		27	Attached to outside plating with Angle			
Average space	27		27	SIDE STRINGER Angles			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	8 x 3 1/2 x 3 1/2 x 9		8 x 3 1/2 x 3 1/2 x 9	Bulb or Intercoastal Plate, for			
Angles on upper edge	27		27	Attached to outside plating with Angle			
Average space	27		27	Spar, or Awning Deck Stringer Plates,			
BEAMS, Hold, or Orlop, Plate or Tee Bulb	8 x 3 1/2 x 3 1/2 x 9		8 x 3 1/2 x 3 1/2 x 9	breadth and thickness			
Angles on upper edge	27		27	Angle on ditto			
Average space	27		27	Tie Plates, fore and aft, outside Hatchways			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	10	6	9	Diagonal Tie Plates, No. of prs.			
Angles on upper edge	54		54	Deck, Iron or Steel, for			
Average space	27		27	Wood Deck, Material & thickness			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	3 1/2	10	Main Deck Stringer Plate, breadth & thickness			
Angles on upper edge	54		54	Angles on ditto, No. 2			
Average space	27		27	Tie Plates, outside Hatchways			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	10	6	9	Diagonal Tie Plates, No. of prs.			
Angles on upper edge	54		54	Deck, Iron or Steel, for			
Average space	27		27	Wood Deck, Material & thickness			
PILLARS, In tween Deck, size and spacing	1.3 1/2		54	Lower Deck Stringer Plates, br'dth & thickn's			
Hold	4.4 1/2		54	Angles on ditto, No. 3			
Quarter, tween Dks.,	3.3 1/2		108	Tie Plates, outside Hatchways			
In Hold	4.4 1/2		108	Deck, Material and thickness			
WEB-FRAMES, In Fore Body, No. and spacing	4.4 1/2		108	Hold, or Orlop Stringer Plate, br'dth & thickn's			
No. of Side Stringers	15		37.4	Angles on ditto, No. 2			
In E. & B. Space, No. & spacing	20		10	Tie Plates, outside Hatchways			
br'dth. & thickness	20		10	Deck, Material and thickness			
WEB FRAMES, In After Body, No. and spacing	7		5.4	Poop Deck Stringer Plate, breadth & thickness			
br'dth. & thickness	20		10	Angles on ditto			
No. of Side Stringers	3		3	Tie Plates			
Size of Angles or Tee Bars to Web Frames	4 1/2	3 1/2	10	Deck, Material and thickness			
BRACKET PLATES to Stringers between Web Frames, depth and thickness	4 1/2	3 1/2	10	Bridge Deck Stringer Plate, br'dth & thickness			
	4 1/2	3 1/2	10	Angle on ditto			

PLATING.										RIVETING.										
STRAKES.		AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
		AMIDSHIP.		FORWARD. Thickness.	AFT. Thickness.			AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.	
		Breadth.	Thickness.					Breadth.	Thickness.			Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.
		Inches.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	Inches.	16ths or 20ths.		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	Inches.	Inches.	Feet.		
Flat Plate Keel (If Bar Keel, state Riveting) Garboard or A Strake ...		36.	15	14	14	36.	15	Double	6 1/4	1.	4	7th whole	1.	3 1/2	19.	19.				
State actual thickness in way of Double Bottom.		B	46	13	11	11	50	13	do.	do	1.	do	"	7/8	3 1/2			9 whole		
		C	53 1/4	13	11	11	50	13	do.	do	1.	do	"	7/8	3 1/2			9 do.		
		D	46	13	11	11	50	13	do.	do	1.	do	"	7/8	3 1/2			9 do.		
		E	53 1/4	13	11	11	50	13	do.	do	1.	do	"	7/8	3 1/2			9 do.		
		F	59	14	11	11	61	14	do.	do.	1.	do.	4th	1.	3 1/2			13 1/2 do.		
		G	46	14	11	11	46	14	do.	do.	1.	do.	7th	1.	3 1/2			10 1/2 do.		
		H	46	14	11	11	46	14	do.	do.	1.	do.	do.	1.	3 1/2			10 1/2 do.		
		J	54	14	11	11	54	14	do.	do.	1.	do.	do.	1.	3 1/2			10 1/2 do.		
		K	53 1/2	14	11	11	54	14	do.	do.	1.	do.	4th	1.	3 1/2			13 1/2 do.		
		L	53 1/2	14	11	11	54	14	do.	do.	1.	do.	7th	1.	3 1/2			10 1/2 do.		
		M	46	14	11	11	45	14	do.	do.	1.	do.	do.	1.	3 1/2			10 1/2 do.		
		N	53 1/2	14	11	11	52	14	do.	do.	1.	do.	do.	1.	3 1/2	19	18	outside double		
Main DK sheerstrake		O	57.	18	11	11	50	18	do.	do.	1.	do.	2 1/4 - 3/4	1.	3 1/2	3 1/2	13 1/2	inside straps		
		P	58 1/2	14	11	11	60	18	do.	do.	1.	do.	4th	1.	3 1/2	19	11			
Spar DK sheerstrake		Q	58.	20	13	13	57	20	do.	do.	1.	do.	4th - 3/4	1 1/8	4 1/2	22	20	outside all double		
																19.	20	inside all double		
																3 1/2	16-18	below double		
DOUBLING of Flat Plate Keel																				
Length and thickness																				
of Bilges																				
of Sheerstrakes.		22 1/2	14	for 3/4		22 1/2	14													
of Strake below																				
POOP SIDES					7		7		Single	3 1/2	3/4	3	8th	3/4	2 5/8	9 3/4	7			
BRIDGE SIDES			11 7/8				11 7/8		8th	5 1/4	5/8	3 1/2	7th & 8th	7/8	3 1/2	16 3/4	12			
FORECASTLE SIDES				7			7		Single	5 1/2	3/4	3	8th	3/4	2 5/8	9 3/4	7			

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. *Siemens' Martin Steel, from Glasgow, Halliwell, Loughborough, Clydesdale, Clydebridge, Mossend, Parkhead, Dalzell, Calderbank, Palmers.*

Spar or Awning Butts, treble riveted for *whole* length amidship.

Stringer Plate Straps, single, double or overlapped for *3/4* length amidship.

Main Stringer Butts, treble riveted for *whole* length amidship.

Plate Straps, single, double or overlapped for *whole* length amidship.

Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted?

Inner Bottom Plating, riveting of Edges *Double lapped*

Centre Girder Butts, *Double lapped*

Keelson Butts, *Double lapped*

Frames, riveted through Plates with *1* in. Rivets, about *7* apart.

Rivets, state whether Iron or Steel *Iron Rivets.*

FRAMES extend in one length from *centre line* to *gunwale*.

REVERSED FRAMES on floors and frames extend from *centre line* to *Spar & Main Stk sheerstrake alternately* all to *Spar Stk* in way of *saloon & abaft after peak bulkhead*, and alternately to *Forecastle Stk*.

MASTS, SPARS, &c.									
Material.	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.
		At Partners.	Heel.	Hounds.	Cap.		Number.	Size.	
Fore	109.5	27 7/8	23 1/2	22 1/2	18 1/2	2			Single
Main	116.9	27 7/8	23 1/2	22 1/2	18 1/2	2			Double
Mizen									do
Bowsprit									
Topmasts, Yards and Remainder of Spars									
Rigging, Material and Size, Shrouds	4 1/4								
Sails.	Two	Suit of							

EQUIPMENT No. 67324 LETTER d ^t										ANCHORS.									
Number of Certificate.		Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.				WEIGHT REQ. BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.	
			Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.				
39343	1st Bower	60	2	8	15	0	24	48	15	0	0	55	0	0	Rodger's Box Stock	H. Hingley & Sons	25/5/97	H. Green	
39344	2nd "	50	2	18	14	2	8	48	14	1	14	55	0	0	do	do	"	"	
39471	3rd "	58	3	5	9	0	14	47	13	3	0	62	2	0	Hall's Steel Stockless	do	"	"	
39469	Collected weight	58	0	23	9	0	26	47	7	2	0	62	2	0	do	do	19/6/97	"	
39399	Stream	24	3	9	3	2	19	24	12	3	7	25	0	0	do	do	2/6/97	"	
39398	Kedge	12	2	6	1	2	19	14	18	1	21	12	0	0	do	do	"	"	
39353	2nd Kedge	6	3	12	1	0	13	9	5	0	0	do	do	do	do	do	27/5/97	"	
39356		6	3	12	1	0	13	9	5	0	0	do	do	do	do	do	do	do	
39468		5	0	11	0	3	4	7	9	2	21	do	do	do	do	do	19/6/97	"	
also very similar to those approved for Caledonia										CHAIN CABLES.									
										HAWSERS AND WARPS.									

CHAIN CABLES.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.		Fathoms and Size per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.
				Supplied.	Per Rule.				
25505	165	2 1/2	163.7-2.0	536.2-6	appd.	300-2 1/2	Shed. N. Hingray & Co.	H. Green	15/5/97
25515	165	2 1/2	163.7-2.0	534.3-2.1	1936.1-3				
120	6	88	1071-2-27			120-5 1/4	Steelwire Bullivant		

Boats *10 life, 2 cutters, 1 1/2, one electric launch, and 4 collapsible boats.*

Pumps, Number *7 and 3* pumps

Windlass is *Harfield Patent*

Engine Room Skylights.—How constructed? *of Teak & Steel*

What arrangements for deadlights in bad weather? *strong shutters with bull's eyes fitted.*

Coal Bunker Openings.—How constructed? *see sketch of* How are lids secured? *Height above deck?*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *7 scuppers & 4 ports each 42x15*

Ceiling in Holds, thickness and material *2 1/2 Red Pine & Am. Elm* Ceiling 'tween Decks, thickness and material *2 1/2 Red Pine & Am. Elm*

Cargo Hatchways.—How formed? *of steel plates & angles.* Hatches, If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *9.0 x 8.0* No. 2 Hatch *13.6 x 12.0* No. 3 Hatch *9.0 x 11.0* No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *One web plate in each hatchway, and wood*

Bulwarks, height above deck and description *5 1/2 x 3 1/2 steel* No. of Breasthooks *9* No. of Crutches *2 & deep floors*

The above is a correct description. *3 1/2 x 3 1/2 nail angle* Main Rail, material and size *11 x 3 1/2 Teak*

Builder's Signature (here only) *K. and Company Limited.* Surveyor's Signature *J. P. Phillips* Surveyor to Lloyd's Register of British & Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case) 25/1/95M. 21/3/95M.

28/3/95M. 10/4/95M. 11/4/95M. 23/4/95M. 22/5/95M. 4/6/95M. 25/7/95M. 1/8/95M. 24/8/95M. 20/4/96M. 19/5/96M. 22/5/96M. 3/6/96M. 17/6/96M. 11/11/96E. Workmanship. Are the butts of plating planed or otherwise fitted? Planed, where practicable.

Is the riveted work properly closed? Yes.

Are the liners between the frames and plates solid single pieces? Yes. 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 plating? Yes, a few.

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes.

General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance

with the Rules, and the approved tracings of which tracings and

photo print of the Midship Section are now in the London Office.

The steel used in the hull has been tested as prescribed by the Rules

& found to be satisfactory.

The workmanship is good.

The hand pumps have been worked & found to be satisfactory.

The weather decks flooded & found to be free from leakage.

Iron plates are embedded in the cement under each sounding pipe.

The watertight doors & sluice valves are in good working order.

See Forging & Cast Steel certificates attached.

This is a sister vessel to the S.S. "India" Greenock 1st Entry Report—11549.

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 46 ft., R.Q.D. or Break ft., Bridge Dk. 168 ft., F'castle 78 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 it

should appear in the Register Book) 3 DKS (U. SK. Teak S) and Spar Dk (SK-Teak S).

Official No. ; Signal Letters

How are the surfaces preserved from oxidation? Inside By Portland Cement & paint Outside By paint.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system Yes.