

1 or 2 Dks., R.Q. Dk.,  
and Pt. Awng. Dk.

# IRON OR STEEL STEAMER.

Received at London Office

THUR. APR 30 1896

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

Date of completion of Report *28<sup>th</sup> April, 1896*

Port of *Leith*

No. *8119* Survey held at *Kinghorn*

Date, First Survey *18<sup>th</sup> Novbr. '95*

Last Survey *27<sup>th</sup> April, 1896*

On the *Steel screw steamer "Giang Sang"*

Rig *Schooner, 2 masts*

TONNAGE under Tonnage Deck... *991.93*

ONE OR TWO DECKED VESSEL.

Master *G. G. Collett*

Do. of Poop *72.19*

CLASS *100 A1*

Year of appointment *(1) As master in service of owner of present vessel: 1896 (2) As master of this vessel: 1896*

Do. of Raised Qr. Dk. or Break... *48.68*

Half Breadth (moulded) *17.*

Built at *Kinghorn*

Do. of Bridge House *70.03*

Depth from upper part of Keel to top of Main Deck Bms. *18.20*

When built *1895 x 96* Launched *16<sup>th</sup> April, 1896*

Do. of Forecastle *48.68*

Girth of Half Midship Frame (as per Rule) *31.30*

By whom built *John Scott & Co.*

Do. of Houses on Deck *70.03*

1st Number *66.50*

Owners *Paterson & Simons*

Do. of excess of Hatchways *18.20*

Length *233.70*

Managers

Engine Room *57.14*

2nd Number *15.541*

(Where necessary to be entered in Reg. Book).

Gross Tonnage *1182.83*

Proportions—Breadths to Length *6.87*

Residence *39, Lime Street, London, E.C.*

Less Crew Space *57.14*

Depths to Length—Main Deck to top of Keel *12.83*

Port belonging to *London*

TONNAGE FOR FEES *1125.87*

Less Engine Room *37.851*

Less Navigation Spaces *24.70*

Register Tonnage *722.46*

Destined Voyage *Singapore*

If Surveyed while Building, Afloat, or in Dry Dock *Building & Afloat*

LENGTH on Deck as per Rule *233* Feet. *8 1/2* Inches. BREADTH—Moulded *34* Feet. *0* Inches. DEPTH—Top of Floors to Main Deck Beams *16* Feet. *6 1/2* Inches. Power of Engines *200* Horse. No. of Decks with Flat laid *One* No. of Tiers of Beams *Two*

Dimensions of Ship per Register, Length, *235.3* breadth, *34.1* depth, *16.65* Moulded Depth, ft. *17* ins. *6* Round of Beam *8 1/2* inches.

## FRAMING.

	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	16ths or 20ths per Rule ved.
FRAME, Angles, <i>L, E or L</i> Bars, for $\frac{2}{3}$ length amidships	4	3	7	4	3
Do. for $\frac{1}{3}$ at each end	4	3	6	4	3
Do. in way of Double Bottoms at Solid Floors..					
Distance of Frames from moulding edge to moulding edge, all fore and aft		23			23
REVERSED FRAME, Angles	3	3	7	3	7
DEEP FRAMING, depth of girder					
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{2}{3}$ length amidships		20	8		20
in way of Engines and Boilers			9x10		9x10
thickness at the ends of vessel			7		7
depth at $\frac{2}{3}$ the half breadth, as per Rule		11			10
height extended at the Bilges		4.0			4.0
FLOORS & BRACKETS, in Cell Dble Bottoms					
Distance apart					
CENTRE GIRDER, in Double Bottom, depth and thickness					
Angles, Top					
Bottom					
SIDE GIRDERS, number and thickness					
Angles					
MARGIN PLATE, depth (exclusive of flange) and thickness					
Angles					
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake					
thickness in Engine and Boiler space					
Remainder in Holds					
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb		8	8		8
Angles on Upper Edge	3	3	6	3	6
Average space		46			46
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb					
Angles on Upper Edge					
Average space					
BEAMS, Hold, Plate or Tee Bulb		9 1/2	9		9 1/2
Angles on Upper Edge	4	4	8	4	8
Average space		23.0			23.0
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	6	4	8	6 1/2	3
Angles on Upper Edge					
Average space		46			46
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	4	3	6	4	3
Angles on Upper Edge					
Average space		46			46
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb		6 1/2	6		6 1/2
Angles on Upper Edge	3	3	5	3	5
Average space		46			46
PILLARS, In 'tween Decks, Size and Spacing	2 3/4	46		2 3/4	46
Hold	3 x 3 3/8	46		3 x 3 3/8	46
Quarter, 'tween Dks., under Hatch	2 1/2	46		2 1/2	46
in Hold					
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 Angles or Tee Bars to Web Frames					
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness					

## FORGINGS AND CASTINGS.

	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Appro.	16ths or 20ths per Rule ved.
KEEL, Bar or Side Plates depth and thickness	8 x 15			8 x 15	
STEM, moulding and thickness	7 1/2 x 2 3/8			7 1/2 x 2 3/8	
STERN-POST for Rudder do. do.					
for Propeller	8 x 4 3/4			8 x 4 3/4	
MAIN PIECE of Rudder, diameter at head...	6			5 3/4	
do. at heel	5			5	
RUDDER, how constructed <i>Single Plate</i>		15			20
Can the Rudder be unshipped afloat? <i>Yes</i>					
KEELSONS AND STRINGERS.					
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	32	10		32	10
Rider Plate					
Bulb Plate to Intercoastal Keelson	12	10		12	10
Horizontal Plates on Floors					
Angles	5	3 1/2	9	5	3 1/2
SIDE KEELSON, Angles	5	3 1/2	9	5	3 1/2
Bulb or Plate above floors for lng.					
Intercoastal Plate for whole length			8		8
Attached to outside plating with Angle	3	3	7	3	7
BILGE KEELSON, Angles	5	3 1/2	9	5	3 1/2
Bulb or Plate above floors for 3/5 len.	8	8		8	8
Intercoastal Plate for length					
Attached to outside plating with Angle					
BILGE STRINGER Angles	5	3 1/2	9	5	3 1/2
Bulb Plate for length					
Intercoastal Plate for length					
Attached to outside plating with Angle					
SIDE STRINGER Angles					
Bulb or Intercoastal Plate for lng.					
Attached to outside plating with Angle					
Main and Raised Quarter Deck Stringer Plate, breadth and thickness	34	10		34	10
Angle on ditto	4 x 4 x	9		4 x 4 x	9
Tie Plates fore & aft, outside Hatchways	12	8		12	8
Diagonal Tie Plates on Bms., No. of Pairs					
Main Dk* Iron or Steel for 1/2 lng.		6			6
R. Q. Dk* Iron or Steel for lng.					
Wood Deck, Material & thickness <i>Teak</i>	3			3	
Lower Deck Stringer Plate, breadth and thickness					
Angles on ditto, No.					
Tie Plates, outside Hatchways					
Deck* Material and thickness					
Hold Stringer Plate	30	8		30	8
Angles on ditto, No. 2	4 x 4 x	8		4 x 4 x	8
Poop Deck Stringer Plate, breadth & thickness	24	6		24	6
Angle on ditto	3 x 3 x	7		3 x 3 x	7
Tie Plates	9	6		9	6
Deck, Material and thickness <i>Teak</i>	2 1/2			2 1/2	
Bridge Deck Stringer Plate, brdth & thickness	24	6		24	6
Angle on ditto	3 x 3 x	7		3 x 3 x	7
Tie Plates	9	6		9	6
Deck, Material and thickness <i>Teak</i>	2 1/2			2 1/2	
Forecastle Deck Stringer Plate, brdth & thcknss	24	6		24	6
Angle on ditto	3 x 3 x	7		3 x 3 x	7
Tie Plates	9	6		9	6
Deck, Material and thickness <i>Teak</i>	2 1/2			2 1/2	

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

## BULKHEADS.

	Number.	Thickness.	Horizontal.	Vertical.	Spacing.	Single or Double Frames.	Height up.
	In Vessel.	Per Rule.	Inches.	Inches.	Inches.		
W.T. BULKHEADS	4	4	6	4 x 3 x 7/16	4 x 3 x 7/16	30	Double Main Bk
PARTITION							
LONGITUDINAL							

Are the outside Plates doubled two spaces of Frames in length? *Yes*



PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing or to cr.		Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	For what Length.		
	Inches.	16ths or 20ths.	16ths or 20ths.	16ths or 20ths.	Inches.	16ths or 20ths.		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	16ths or 20ths.	Inches.	Feet.		
FLAT PLATE KEEL (If Bar Keel, state Riveting)																			
GARBOARD OR A Strake	48	11	10	10	40	11	Double	5 1/4	7/8	3 5/8	Double	7/8	3 1/8	11 1/4	11				
State actual thickness in way of Double Bottom.																			
B "	46	10	8	8	46	10	Do	4 1/2	3/4	3 1/4	Double 1/2 L	7/8	3 1/8			9	whole L		
C "	54	9	8	8	54	9	Do	5 1/4	7/8	3 5/8	Do	3/4	2 5/8			7 1/2	Do		
D "	54	11	8	8	54	11	Do	5 1/4	7/8	3 5/8	Do	7/8	3 1/8			9	Do		
E "	46	11	8	8	46	11	Do	5 1/4	7/8	3 5/8	Do	7/8	3 1/8			9	Do		
F "	54	9	8	8	54	9	Do	4 1/2	3/4	3 1/4	Do	3/4	2 5/8			7 1/2	Do		
G "	46	10	8	8	46	10	Do	5 1/4	7/8	3 5/8	Do	7/8	3 1/8			9	Do		
H "	54	10	8	8	54	10	Do	5 1/4	7/8	3 5/8	Do	7/8	3 1/8			9	Do		
thru-strake J "	38	13	9	9	38	13	Single & Do	5 1/4	7/8	3 5/8	Do	7/8	3 1/8	16 3/4	15				
K "																			
L "																			
M "																			
N "																			
O "																			
P "																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
of Sheerstrakes																			
of Strake below																			
POOP SIDES		6			6		Single	2 1/4	5/8	2 5/8	Double	5/8	2 1/4	8	6				
RAISED QUARTER DECK SIDES							Do	2 1/4	5/8	2 5/8	Do	5/8	2 1/4	8	6				
BRIDGE SIDES		6			6		Do	2 1/4	5/8	2 5/8	Do	5/8	2 1/4	8	6				
FORECASTLE SIDES		6			6		Do	2 1/4	5/8	2 5/8	Do	5/8	2 1/4	8	6				
LENGTHS OF PLATING	7 frame spaces																		

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, outside Plating, &c. *Siemens Martin*  
*Lanarkshire; Mossend; Dalzell; Hishaw*

Main Stringer Plate Butts, treble riveted for *half* length amidship.  
 Straps, single, double or overlapped for *whole* length amidship

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

Inner Bottom Plating, riveting of Edges Butts

Centre Girder Butts, riveted. Keelson Butts, *treble* riveted.

Frames, riveted through Plates with *7/8* in. Rivets, about *6 1/4* apart.

Rivets, state whether of Iron or Steel *Iron*

FRAMES extend in one length from *Keel* to *Gunnwale or Poop Bridge & Forecastle*.

REVERSED FRAMES on floors and frames extend from *middle line to top of hold stringer angle and to main deck alternately*.

MASTS, SPARS, &c.

	Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
LOWER MASTS	Fore Main Mizen										
Material <i>P. Pine</i>											
Bowsprit											
Topmasts, <del>Yards</del> and Remainder of Spars <i>Wood</i>											
Rigging, Material and Size, Shrouds <i>3" Iron Wire</i> Stays <i>4"</i>											
Sails. <i>One complete</i> Suit of Sails and the following spare sails											

EQUIPMENT No. *17483* LETTER *O* TONNAGE FOR TRAWLERS U.K. ANCHORS.

Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK or Head & Shank			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.
29281	1st Bower	29	1	14	18	3	5	28	3	0	14	29	1	0	Shackless Lion Patent	Abbott & Co. (Linn)	Std. 10 April '96 J. Robson
29309	2nd "	29	1	0	18	1	10	28	1	1	0	29	1	0	Do	Do	Do 14" Do Do
29390	3rd "	25	1	7	14	0	0	25	1	2	7	25	1	0	Do	Do	Do 10" Do Do
	Collective weight	83	3	21				83	3	0							
14852	Stream	8	0	0	2	0	0	10	2	2	0	8	0	0	Common I. S.	Do	Low Hktr. 20" Do J. Tindale
14832	Kedge	4	0	0	1	0	7	6	7	2	0	4	0	0	Do	Do	Do 30 March '96 C. E. Perrin
	2nd Kedge																

*Cast Steel Anchor Heads tested by Newcastle Surveyors, Cert. signed by J. C. Craig*

CHAIN CABLES.

Number of Certificate.	Fathoms.	Size.	Test per Certificate, Tons.	WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
				Supplied.	Per Rule.									
7258	120	1 1/8	61 1/2	43 1/2	154.2.13	240	Std	Abbott & Co. (Linn)	Low Hktr. 21 Feb '96 C. E. Perrin	TOWLINE Steel Wire	90	3 1/4	22	90 - 3 1/4
7259	120	1 1/8	Do	Do	151.2.12	298.2.19	1 1/8	Link	Do	Do	Do	Do	Do	90 - 8
					306.0.25									90 - 7 1/2
7298	75	1	248.12	41.3.9	41.1.0	75 - 1	Shackless	Do	Do	9" April '96 J. Tindale				

Iron Stream Chain (on Steel Wire)

Boats *2 Life Boats, 1 Cutter, 1 Gig*

Pumps, Number *5* Diameter of Barrel and Tail Pipe *5 1/4 x 2 1/2 x 2*

Windlass is *Emerson Walker & Thompsons Iron Patent* Capstan *good*

Engine Room Skylights.—How constructed? *Teak, bolted to iron comings 3 ft above shade deck*

What arrangements for deadlights in bad weather? *Canvas Cover*

Coal Bunker Openings.—How constructed? *Circular Cast Iron* How are lids secured? *By Stud & Check* Height above deck? *Flush*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *On each side 4 scuppers & 4 ports 36" x 21"*

Ceiling in Holds, thickness and material *2 1/2" red pine* Ceiling 'tween Decks, thickness and material *1 1/2" pine*

Cargo Hatchways.—How formed? *Iron Comings* Hatches.—If strong and efficient? *Yes*

State size No. 1 Hatch (Forward) *7' 8" x 8' 0"* No. 2 Hatch *11' 6" x 12' 0"* No. 3 Hatch *11' 6" x 12' 0"* No. 4 Hatch

Number of Web Plates, Shifting Beams, and Iron or ~~Wood~~ Fore & Afters to each Hatch *Wood Fore & Afters in all Hatchways*

No. of Breasthooks *5* No. of Crutches *4*

Bulwarks, height above deck and description *4 ft of 1/2" steel* Main Rail, material and size *Teak 7" x 3"*

The above is a correct description.

Builder's Signature (here only) *John Smith & Co* Surveyor's Signature *H. J. Tindale*

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



