

3 Decks.

## IRON OR STEEL STEAMER.

Received at London Office

Date of completion of report 31 August 1897  
Survey held at Trieste  
On the Screw Steamer Trieste  
TONNAGE under 3272 73  
Do. between Tonnage Dk. 1323 49  
and 3rd and 4th Dk. 4596 22  
Total under Upper Dk. 4596 22  
Do. of Poop 9  
Do. of Bridge House 499 10  
Do. of Forecastle 499 10  
Do. of Houses on Dk. 499 10  
ess of Hatchways  
Crown of Room 5095 32  
Space 171 98  
Crown of Room 96  
FOR FEES 4827  
ine Room 1892 29  
igation Spaces  
r Tonnage 3203 23  
on Beam 3203 23

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

Port of Trieste

No. 344

Date, First Survey 7th July 1896

Last Survey 31st August 1897

Rig Schooner

THREE DECKED VESSEL.

CLASS 100 A1

FEET.

Master

Year of appointment

(1) As Master in service of owner of present vessel—18  
(2) As Master of this vessel—18

Built at Trieste

When built 1897 Launched June 14th

By whom built Arsenal Lloyd

Owners Lloyd Austriaco

Managers

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

Residence Trieste

Port belonging to Trieste

Half Breadth (moulded) 34  
Depth from upper part of Keel to top of Upper Deck Beams 34  
(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 51.96

deduct 7 feet. 7

1st Number 102.96

Length on deck from after part of stem to fore part of stern post 400

2nd Number 41184

Proportions—Breadth to Length 8.33

Depth to Length—Upper Deck to top of Keel 11.76

Main Deck ditto 15.93

Destined Voyage Indian Ocean If Surveyed while Building, Afloat, or in Dry Dock While building

On Deck Rule	Feet.	Inches.	BREADTH—Moulded	Feet.	Inches.	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	Main Dk. Beams	Feet.	Inches.	No. of Decks with flat laid	No. of Tiers of Beams	Round of Upper Dk. Beam, Actual	Inches.
400	400		48	48		30	30		22	22		Three	Three	12	12

ms of Ship per Register, Length 400 breadth 48.15 depth 30.16 Moulded depth, ft. 33 ins. To Upper Dk. Dk. Beam, Actual 12 ins.

## FRAMING.

	Inches in Ship	Inches in Ship	16ths or 20ths in Ship	Inches per Rule Or as Appro	Inches per Rule Or as Appro	16ths or 20ths in Ship	Inches per Rule Or as Appro
E, Angles, or L, E, or L Bars for 3 length amidships	3 3/4	6	13	3 3/4	6	12	
or 1/2 at each end	3 1/2	6 1/2	9	3 1/2	6	9	
n way of Double Bottoms at Solid Floors	3 1/2	6	9	3 1/2	6	9	
" at intermdt. Bkts.	3 1/2	6	9	3 1/2	6	9	
ce of Frames from moulding edge to ding edge, all fore and aft	2 5/8		2 5/8				
RSEED FRAME, Angles	4 1/2	3 1/2	9	4 1/2	3 1/2	9	
FRAMING, depth of girder	4 6		9	4 6		9	
RS, depth and thickness of Floor Plate at mid-line for 3 length amidships			10			10	
in way of Engines and Boilers			8			8	
thickness at the ends of vessel	as per midship section						
depth at 3 the half breadth, as per Rule	do		do				
height extended at the Bilges	do		do				
RS & BRACKETS in Cell Dble Bottoms	2 5/8		9	2 5/8		9	
" Distance apart	4 6		11	4 6		11	
RE GIRDER, in Double bottom, depth and thickness	4 4		10	4 4		10	
" Angles, Top	6 1/2	4 1/2	10	6 1/2	4 1/2	10	
" Bottom	4		9	4		9	
GIRDERS, number on each side & thickness	3 1/2	3 1/2	9	3 1/2	3 1/2	9	
" Angles	3 1/2		11	3 1/2		11	
GIN PLATE, depth (exclusive of flange) and thickness	4 4		10	4 4		10	
" Angles to Outside Plating	3 6		14	3 6		10	
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake			12			10	
" in Engine and Boiler space			9			9	
" Remainder in Holds	10 1/2	6 1/4	11	10 1/2	6 1/4	11	
MS, Upper Deck, Single Angle, Bulb	alternate frame						
" Angle, Plate or Tee Bulb	11 1/2	6 1/2	12	11 1/2	6 1/2	12	
MS, Middle Deck, Single Angle, Bulb	at openings as per sketch						
" Angle, Plate or Tee Bulb	alternate frame						
" Average space	11 1/2	6 1/2	12	11 1/2	6 1/2	12	
MS, Lower Deck, Single Angle, Bulb	alternate frame						
" Angle, Plate or Tee Bulb	8	6	8	8	6	8	
" Average space	alternate frame						
MS, Hold, or Orlop, Plate or Tee Bulb	8	6	8	8	6	8	
" Average space	alternate frame						
MS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	6	8	8	6	8	
" Average space	alternate frame						
MS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb	8	6	8	8	6	8	
" Average space	alternate frame						
MS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb	9	5 1/4	10	9	5 1/4	10	
" Average space	alternate frame						
ILLARS, In 'tween Deck, size and spacing	3 3/4		for 3/4 length as per rule				
" Hold	2 3/8						
" Quarter 'tween Dks.	3 3/4						
" in Hold	3 3/4						
WEB-FRAMES, In Fore Body, No. and spacing brdth. & thickness	16	8 1/4		16	8 1/4		
" No. of Side Stringers	24		10	24		10	
WEB-FRAMES, In E. & B. Space, No. & spacing brdth. & thickness	3	22	10	3	22	10	
" No. of Side Stringers	4	3 1/2	9	4	3 1/2	9	
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 or CASTINGS.

	Inches in Ship	Inches per Rule Or as Approved
KEEL, Bar or Side Plates, depth and thickness	11 1/2 x 3 1/4	11 1/2 x 3 1/8
STEM, moulding and thickness	11 1/2 x 7 1/2	11 1/2 x 7 1/2
STERN-POST for Rudder do. do.	all as per sketch	
" for Propeller	do. do.	
MAIN PIECE of Rudder, diameter at head	10 and do	
do. at heel	do. do.	
RUDDER, how constructed	Cast Steel also stem frames made by Withnail & Sons Works	
Can the Rudder be unshipped afloat?	Yes	

## KEELSONS &amp; STRINGERS.

	Inches in Ship	Inches in Ship	16ths or 20ths in Ship	Inches per Rule Or as Appro	Inches per Rule Or as Appro	16ths or 20ths in Ship	Inches per Rule Or as Appro
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate							
" Rider Plate							
" Bulb Plate to Intercoastal Keelson							
" Horizontal Plates on Floors							
" Angles							
SIDE KEELSON, Angles							
" Bulb or Plate above floors, for	Ing.						
" Intercoastal Plate, for	length						
" Attached to outside Plating with Angle							
BILGE KEELSON, Angles							
" Bulb or Plate above floors, for	Ing.						
" Intercoastal Plate for	length						
" Attached to outside Plating with Angle							
BILGE STRINGER Angles	6 1/2	4 1/2	10				
" Bulb Plate for all	length	11	10				
" Intercoastal Plate for	length						
" Attached to outside Plating with Angle							
SIDE STRINGER Angles	6 1/2	4 1/2	10				
" Bulb or Intercoastal Plate, for	Ing.						
" Attached to outside plating with Angle		3 1/2	3 1/2	9			

Upper Deck Stringer Plates, br'dth & thickness	6 1/2 x 4 1/2	10 1/2 x 6 1/2	13.109	
" Angle on ditto	5 1/2	10 1/2	11	
" Plates fore and aft, outside Hatchways	3 1/2 x 2 1/2	10		
" Deck, * Iron or Steel, for all	Ing.	10 1/2 x 6 1/2	as per deck plan	
" Wood Deck. Material & thickness	Teak	3 1/2 x 3		
Middle Deck Stringer Plate, br'dth & thickness	6 1/2 x 4 1/2	10 1/2 x 6 1/2	10.8	
" Angle on ditto, No. 2	4 1/2	9	9	
" Plates outside Hatchways	3 1/2 x 2 1/2	10		
" Diagonal Tie Plates on Bms., No. of prs.				
" Deck, * Iron or Steel, for all	Ing.	9.8.7/20	as per deck plan	
" Wood Deck. Material & thickness				
Lower Deck Stringer Plate, br'dth & thickness	5 1/2 x 4 1/2	10 1/2 x 6 1/2		
" Angle on ditto, No. 2	4 1/2	9		
" Tie Plates, outside Hatchways				
" Deck, * Material and thickness	Steel all length	7 1/2 x 6	as per deck plan	
Hold, or Orlop Stringer Plate, br'dth & thckn's				
" Angle on ditto, No.				
" Tie Plates outside Hatchways				
" Deck. Material and thickness				
Poop Deck Stringer Plate, breadth & thickness	5 1/2	8	5.0	8
" Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8.9
" Tie Plates	1 1/2	8	1.8	8
" Deck. Material and thickness				
Bridge Deck Stringer Plate, br'dth & thickness	5 1/2	8	5.0	8
" Angle on ditto	3 1/2 x 3 1/2	8	3 1/2 x 3 1/2	8.9
" Tie Plates	1 1/2	8	1.8	8
" Deck. Material and thickness	Teak	3 1/2 x 3		
Forecastle Deck Stringer Plate, b'dth & th'kns	4 1/2	8		
" Angle on ditto	4 1/2	8		
" Tie Plates				
" Deck, * Material and thickness	Pine	3"		

## BULKHEADS.

BULKHEADS.	Number.		Thickness.	Horizontal.		Vertical.		Frames.	Height up.
	In Vessel.	Per Rule.		Size.	Spacing.	Size.	Spacing.		
<i>Bracketed at sides and bottom</i>			<i>6 in. or 2 in. ls.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>	<i>Inches.</i>		
W. T. BULKHEADS	6	6	8 to 4	9.2	4.8	3.2	3.0	double upper deck	
PARTITION "	3		6 to 5			3.2	3.0		
LONGITUDINAL "	2		6 to 5			3.2	3.0	and stays	
Are the outside Plates doubled two spaces of Frames in length? <i>Yes and diamond</i>									
Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes.</i>									



PLATING.										RIVETING.										
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.		EDGES.	BUTTS.						IF LAPPED.				
	AMIDSHIP.		FORWARD.		AFT.		AMIDSHIP.			Single or Double.	Breadth of Lap.	RIVETS.		TREBLES AND SPACING OR TO OR. ALL LENGTH.	RIVETS.		STRAPS.		IF LAPPED.	FOR WHAT FEET.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.				Diam.	Spacing or to or.		Diam.	Spacing or to or.	Breadth.	Thickness.		
Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
FLAT PLATE KEEL..... (If Bar Keel, state Riveting)	38	18	14	14	38	18	double	6	1"	3 1/2"	Treble	1	20	1	20	1	20	1	20	1
GARBOARD OR A STRAKE...	42	14	13	1	42	14	"	6	1"	3 1/2"	"	1	"	"	"	"	"	"	"	"
State actual thickness in any of Double Bottom.	B	46	13	10	10	46	13	"	5 1/4	7/8	3 1/2"	"	7/8	"	"	"	"	"	"	"
C	54	13	10	15	54	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
D	46	13	10	15	46	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
E	54	13	10	15	54	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
F	46	13	10	10	46	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
G	54	13	10	10	54	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
H	46	13	10	10	46	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
J	54	13	10	10	54	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
K							"				"									
L	46	13	10	10	46	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
M	54	13	10	10	54	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
N	46	13	10	10	46	13	"	5 1/4	7/8	3 1/2"	"	"	"	"	"	"	"	"	"	"
O	87	13	10	10	87	13	"	5 1/4	7/8	3 1/2"	"	1	"	"	"	"	"	"	"	"
P	46	16	11	11	46	16	"		1"	3 1/2"	"	1	"	"	"	"	"	"	"	"
Q																				
R																				
DOUBLING OF Flat Plate Keel	Half length		14																	
Length and thickness of Bilges.....	3/5 length		15 to 13						1"											
of Sheerstrakes.....	1/2 length		3/10 increased																	
of Strake below																				
POOP SIDES.....	7																			
BRIDGE SIDES.....	7 to 9																			
FORECASTLE SIDES.....	7																			
Plating and Riveting of Strakes opposite to corresponding letter.																				
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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, Manufactured by Winkler & Co. Ltd., Dorman Long & Co. Ltd., and other in the first, tested and stamped with Lloyd's Register brand.*

Has the Steel been tested as required by the Rules? *as above stated, yes.*

Upper Deck (Butts, treble riveted *Quadruple for 1/2* length amidship. Stringer Plate/Straps, single double or overlapped for *all* length amidship. Middle Deck (Butts, treble riveted for *all* length amidship. Stringer Plate/Straps, single double or overlapped for *all* length amidship. Butts of Bilge & Side Stringers and Tie Plates, treble or double riveted? *Double.* Inner Bottom Plating, riveting of Edges *double.* Butts *double.* Centre Girder Butts, *treble* riveted *Keelson Butts,* riveted. Frames, riveted through Plates with *7/8* in. Rivets, about *6* apart. Rivets, state whether Iron or Steel *Steel.*

FRAMES extend in one length from *from Margin plate to Upper Bridge, Pop, & fore-castle deck.*

REVERSED FRAMES on floors and frames extend from *Margin plate, on every frame to upper and middle deck a turn, tie, and to fore-castle deck Amidship.* frames as described.

MASTS, SPARS, &c.										RIVETING.									
Masts.	Material.	Total Length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		Rivets.	Butts.	Seams.	Butts.	Seams.	Butts.	Seams.	Butts.	Seams.	Butts.
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.										
Fore .....	Steel	100	50 1/2	22 1/2	25 1/2	25 1/2	3	3 1/2	5/8	single	double								
Main .....	do	100	29 3/4	21 1/2	24 1/2	24 1/2	3	3 1/4	5/8	single	double								
Mizen .....																			
Bowsprit .....																			
Topmasts, Yards and Remainder of Spars.....	<i>Russell's fore lower masts, yards, &amp; topmasts yards steel, 83 pound 63 respectively.</i>																		
Rigging, Material and Size, Shrouds.....	<i>Russell's fore lower masts, yards, &amp; topmasts yards steel, 83 pound 63 respectively.</i>																		
Sails.....	<i>Complete One Suit of Sails, and the following spare sails.</i>																		

EQUIPMENT No. 246733 LETTER 8										ANCHORS.									
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.			Makers.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	qrs.	lbs.	Tons.	qrs.	lbs.						
1001XXII	1st Bower	59	1	24				4.8			53	3	0	Shank stockless	of Borden	Pillem, and Pils at the			
1002XXII	2nd "	59	1	13				4.8			53	3	0	Cast steel head	of Borden	of Borden, and Pils at the			
1003XXIV	3rd "	52	1	20				4.4			53	3	0	all four	do	the first two, and 24 Borden			
1004XXV	4th "	52	0	1				4.3			45	2	0		do	the other two, and 24 Borden			
	Collective weight	223	3	18				236			226	7	2						
1005XXVI	Stream	15	3	2	4	2	2	17	4	3	14	14	10	Trotman's Anchor	do	Shankless, mechanical			
1006XXVII	Kedge	8	3	19	2	0	25	11	1	14	7	0	0	do	do	Tests at Borden by Lloyd's Register			

CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Fathoms.	Size.	Test per Certificate.	WEIGHT OF CHAIN CABLE.			Fathoms.	Size.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms.
				Supplied.	Per Table 22.	Per Table 22.													
425	135	2 1/2	138 1/4	384	226	45 3/4	135	2 1/2	138 1/4	384	226	45 3/4	135	2 1/2	138 1/4	384	226	45 3/4	135
426	135	2 1/2	138 1/4	384	226	45 3/4	135	2 1/2	138 1/4	384	226	45 3/4	135	2 1/2	138 1/4	384	226	45 3/4	135
12954	270	4 1/2	568 1/2	1512	912	180 1/2	270	4 1/2	568 1/2	1512	912	180 1/2	270	4 1/2	568 1/2	1512	912	180 1/2	270
12955	90 1/2	1 1/2	84 1/2	226	138	30 1/4	90 1/2	1 1/2	84 1/2	226	138	30 1/4	90 1/2	1 1/2	84 1/2	226	138	30 1/4	90 1/2

Boats *4 lifeboats, and 4 gigs as per board of trade.* Regulations

Pumps, Number *11* Diameter of Barrel *6* State whether they are in efficient working order *yes*

Windlass is *Patent Iron Windless, vapor combined with Capstan*

Engine Room Skylights.—How constructed? *Steel casing with strong teak skylight on top*

What arrangements for deadlights in bad weather? *Covers*

Coal Bunker Openings.—How constructed? *Steel hatches* How are lids secured? *with solid hatches* Height above deck? *18"*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *Freeing Ports 20 3/4" diameter pipes band 20 large scuppers.*

Ceiling in Holds, thickness and material *3" Pine at double bottom on Ceiling 'tween Decks, thickness and material 2 1/2 Pine*

Cargo Hatchways.—How formed? *Steel casing* Hatches, If strong and efficient? *both*

State size No. 1 Hatch (Forward) *16 ft* No. 2 Hatch *24 ft* No. 3 Hatch *20 ft* No. 4 Hatch *16 ft*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *two deep webs, and three fore-afters*

No. of Breasthooks *0* No. of Crutches *3*

Bulwarks, height above deck and description *4 1/2" Steel sustained by web plates* Main Rail, material and size *Steel bulb plate 4" angle*

The above is a correct description.

Builder's Signature (here only) *R. Kodelstrom* Surveyor's Signature *Elias Florio* Surveyor to Lloyd's Register of British and Foreign Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with this case)

*M. March 5. 6. 7. March 7 April 1896*

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? *yes* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes perfectly* 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? *no*

Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes as per Rules*

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? *yes* State results of tests *tight*

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? *yes* State results of tests *tight*

General Remarks (State quality of workmanship, &c.)

*Ex. & P. of Extra Strength Beams of 17 1/2" x 6 1/2" on upper & lower edge, fitted at the upper & middle decks. Excellent workmanship. Generally built in accordance with the plans approved and well finished in all respect. Shore lights on keelstrake at every fourth frame girded them.*

*Elias Florio*

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *36* ft., R.Q.D. or Break — ft., Bridge Dk. *140* ft., F'castle *49* 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) *Three steel decks for all lengths. Upper deck covered with teak. Structures of beams*

Official No. ; Signal Letters *30 (see 5 tank 3)*

How are the surfaces preserved from oxidation? Inside *Paint* Outside *Paint and Cement*

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,			112	221	Fore peak tank,				42
Double bottom, under Engines and Boilers,			77	243	After peak tank,				20
Double bottom, if under Engines only,			—		Midship deep tank,				
Double bottom, if under Boilers only,			—		Other tanks, if fitted,				
Double bottom, forward,			152	364	(If necessary, furnish further information by sketch.)				

Order for Special Survey No. *From 30 June 1896 to 31 August 1897 surveyed every fortnight or occasionally more frequently*

Date *22.2.96*

No. *49* in builder's yard

DATES of Surveys held while building

Total No. of Visits *46*

The amount of Entry Fee.....£ *5* : : Fees applied for, : :  
 Special Survey Fee.....£ *1/4* : : Received by me, : :  
 Travelling Expenses of any £ — : : : :  
 State whether the Vessel has been built under Special Survey *Built under Special Survey*  
 I am of opinion this Vessel should be Classed *100A1 Special Survey*  
 With, or without Freeboard, as condition of Class.

Committee's Minute *FRI. 10 SEP 1897*

Character assigned *100A1 Steel*

*+ 2mc 8.97*  
*7.D.*  
*3 Wks (see - 4 Tank 3)*  
*E.F.*

*Elias Florio*