

Spar, c

ON OR STEEL STEAMER.

No. 4540H
WED. 17 JUN 1903Port of *New* State of Report is also sent on the Machinery of the Vessel *Yes*.
Survey held at *South Shields* Date of completion of Report *16 June 1903* Received at London Office
On the *Screw Steamer "GERTY"* Date, First Survey *October 16 '02* Last Survey *9 June 1903*
Rig *Foremast Schooner*TONNAGE under
Tonnage Deck... 3195.47Do. between Tonnage Dk.
and 3rd, 4th, Spar or
Awning Dk.

Total under Upper Dk.

Do. of Poop 215.54

Do. of Bridge House } 473.28

Do. of Forecasts

Do. of Houses on Deck 121.08

Do. of excess of Hatchways 17.94

Do. above side of Houses 3.70

Engine Room ... 4024.01

Less Crew Space 72.80

Less above Crown of

Engine Room ... 3954.21

NAGE FOR FEES... 760.24

Navigation Spaces 28.15

Master Tonnage 3165.82

cut on Beam...

SPAR, AWNING OR PART AWNING-DECKED VESSEL,

or a Vessel having a continuous Shade Deck.

CLASS 100 A1

Half Breadth (moulded) 22.41

Depth from upper part of keel to top of Main Deck Beams 20.93

Girth of Half Midship Frame (as per Rule) 38.69

1st Number 82.03

Length 344.12

2nd Number 28228

Proportions—Breadths to Length 7.67

Depths to Length—Main Deck to top of Keel 16.44

Destined Voyage Trieste

Master Ivancich

Year of Appointment (1) As Master in service of
owner of present vessel:—18. 96
(2) As Master of this
vessel June 1903

Built at South Shields

When built 1903 Launched April 27th/03

By whom built J Readhead & Sons

Owners Gerty Steamship Co Ltd

Managers Fratelli Cosulich

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

Residence Trieste

Port belonging to Trieste

If Surveyed while Building, Afloat, or in Dry Dock Special

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, top of Floors to Spar or Awning Dk. Beams	Feet.	Inches.	Power of	Horse.	No. of Decks with flat laid
as per Rule			Moulded			Do.			Engines		No. of Tiers of Beams
344	12		44	10		25.35	17	1			two

Dimensions of Ship per Register, Length 346.0 breadth 45.0 depth 25.35 Spar or Awning Dk. Moulded depth, ft. 19 ins. 8 To Main Dk. Round up of Beam, Main Dk. 11 ins.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	20ths per Rule Or as Approved.		Inches in Ship.	Inches per Rule Or as Approved.	
CAME, Angles, Bars, for length amidships	5 1/2	3 1/2	8	5 1/2	3 1/2	8	KEEL, Bar or Side Plates, depth and thickness
Do. for 1/2 at each end	5 1/2	3 1/2	7	5 1/2	3 1/2	7	STEM, moulding and thickness
Do. in way of Double Bottoms at Solid Floors	3 1/2	3 1/2	8-7	3 1/2	3 1/2	8-7	STERN-POST for Rudder do. do.
at intermdt. Bkts.	5	3 1/2	8-7	5	3 1/2	8-7	" " for Propeller
stance " of Frames from moulding edge to	24		24				MAIN PIECE of Rudder, diameter at head
moulding edge, all fore and aft	24		24				do. at heel
EVERSED FRAME, Angles	6 1/2	3 1/2	8-7	6 1/2	3 1/2	8-7	RUDDER, how constructed
DEEP FRAMING, depth of girder	4	3 1/2	8	4	3 1/2	8	Can the Rudder be unshipped afloat?
LOOKS, depth and thickness of Floor Plate	✓	✓	✓	✓	✓	✓	
at mid-line for 1/2 length amidships	✓	✓	✓	✓	✓	✓	
" in way of Engines and Boilers	✓	✓	✓	✓	✓	✓	
" thickness at the ends of vessel	✓	✓	✓	✓	✓	✓	
" depth at 1/2 the half-bdth. as per Rule	✓	✓	✓	✓	✓	✓	
" height extended at the Bilges	✓	✓	✓	✓	✓	✓	
LOOKS & BRACKETS, in Cell Dble Bottoms	42	8	42	8			
Distance apart	48 and	24	48 and	24			
ENTRE GIRDER, in Double bottom, depth	42	10-8	42	10-8			
and thickness	4	4	9-8	4	4	9-8	
" Angles, Top	6 1/2	4	9-8	6 1/2	4	9-8	
" Bottom	3	8	3	8			
DE GIRDERS, number and thickness	3 1/2	3 1/2	8	3 1/2	3 1/2	8	
" Angles	32	9	32	9			
MARGIN PLATE, depth (exclusive of flange)	4	4	9	4	4	9	
and thickness	✓	✓	✓	✓	✓	✓	
Angles	✓	✓	✓	✓	✓	✓	
NER BOTTOM PLATING, breadth and	✓	✓	✓	✓	✓	✓	
thickness of Middle Line Strake	✓	✓	✓	✓	✓	✓	
" thickness in Engine and Boiler space	✓	✓	✓	✓	✓	✓	
Remainder in Holds	✓	✓	✓	✓	✓	✓	
EAMS, Spar or Awning Deck, Single Angle	7 1/2	3	10	7 1/2	3	10	
Bulb Angle, Plate or Tee Bulb	8 1/2	3 1/2	11	8 1/2	3 1/2	11	
" Angles on upper edge	24		24				
Average space	8 1/2	3 1/2	13	8 1/2	3 1/2	13	
EAMS, Main Deck, Single Angle, Bulb	✓	✓	✓	✓	✓	✓	
Angle, Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	
" Angles on upper edge	✓	✓	✓	✓	✓	✓	
Average space	✓	✓	✓	✓	✓	✓	
EAMS, Lower Deck, Single Angle, Bulb	✓	✓	✓	✓	✓	✓	
Angle, Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	
" Angles on upper edge	✓	✓	✓	✓	✓	✓	
Average space	✓	✓	✓	✓	✓	✓	
EAMS, Hold, or Orlop, Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	
" Angles on upper edge	✓	✓	✓	✓	✓	✓	
Average space	✓	✓	✓	✓	✓	✓	
EAMS, Poop Deck, Angle, Bulb Angle, Plate	6	3	8	6	3	8	
or Tee Bulb	✓	✓	✓	✓	✓	✓	
" Angles on upper edge	24		24				
Average space	6	3	8	6	3	8	
EAMS, Bridge Deck, Angle, Bulb Angle, Plate	✓	✓	✓	✓	✓	✓	
or Tee Bulb	✓	✓	✓	✓	✓	✓	
" Angles on upper edge	24		24				
Average space	6	3	8	6	3	8	
EAMS, Forecastle Deck, Angle, Bulb Angle,	✓	✓	✓	✓	✓	✓	
Plate or Tee Bulb	✓	✓	✓	✓	✓	✓	
" Angles on upper edge	24		24				
Average space	23/4	48	23/4	48			
ELLARS, In tween Deck, size and spacing	4 3/4 rule	48	4 3/4	48			
" Hold	✓	✓	✓	✓	✓	✓	
" Quarter, tween Dks., "	✓	✓	✓	✓	✓	✓	
" in Hold	✓	✓	✓	✓	✓	✓	
WEB-FRAMES, In Fore Body, No. and spacing	✓	✓	✓	✓	✓	✓	
" No. of Side Stringers	✓	✓	✓	✓	✓	✓	
WEB-FRAMES, In E. & B. Space, No. & spacing	21	8	21	8			
" brdth. & thickness	✓	✓	✓	✓	✓	✓	
WEB-FRAMES, In After Body, No. and spacing	✓	✓	✓	✓	✓	✓	
" brdth. & thickness	✓	✓	✓	✓	✓	✓	
" No. of Side Stringers	6 1/2	3 1/2	10				
" Size of Angles or Tee Bars to Web Frames	✓	✓	✓	✓	✓	✓	
BRACKET PLATES to Stringers between	✓	✓	✓	✓	✓	✓	
Web Frames, depth and thickness	✓	✓	✓	✓	✓	✓	

PLATING.													
STRAKES.	AS IN SHIP.						PER RULE OR AS APPROVED.	EDGES.					
	AMIDSHIP.		FORWARD.		AFT.			SINGLE OR DOUBLE.		RIVETS.		IF LAPPED.	
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	
FLAT PLATE KEEL	36	20	12	12-16	36	20	double	6	1	4	double	19	
GARBOARD OR A STRAKE	40	14	11	11-14	40	14	"	5 1/2	7/8	3 3/8	1 1/2	10 1/2	
B	5 1/2	12	9	9-14	5 1/2	12	"	"	"	"	"	9	
C	4 1/2	12	9	9-14	4 1/2	12	"	"	"	"	"	"	
D	5 1/2	12	9	9-14	5 1/2	12	"	"	"	"	"	"	
E	4 1/2	12	9	9-14	4 1/2	12	"	"	"	"	"	"	
F	4 1/2	12	9	9-14	4 1/2	12	"	"	"	"	"	"	
G	4 1/2	12	9	9-14	4 1/2	12	"	"	"	"	"	"	
H	5 1/2	12	9	9-14	5 1/2	12	"	"	"	"	"	"	
J	4 1/2	12	9	9-14	4 1/2	12	"	"	"	"	"	"	
K	5 1/2	12	9	9-14	5 1/2	12	"	"	"	"	"	"	
MAIN SHEER	44	13	9	9	44	13	"	"	"	"	"	"	
M	5 1/2	11	9	9	5 1/2	11	"	"	"	"	"	"	
SPAR SHEER	45	14	9	9	45	14	single	3	7/8	3 3/8	1 1/2	13 1/2	
N													
O													
P													
Q													
DOUBLING OF FLAT PLATE KEEL	Thicknesses increased in line												
Length and thickness of Bilges	24' 0" 10' Increased for 3/4" in line of doubling												
Length and thickness of Sheerstrakes	24' 0" 10' Increased for 3/4" in line of doubling												
Length and thickness of Strake below	24' 0" 10' Increased for 3/4" in line of doubling												
POOP SIDES	11' 9"						single 2 1/2 3/4 3 double 3/4 2 7/8 5 full						
BRIDGE SIDES	11' 9"						single 2 1/2 3/4 3 double 3/4 2 7/8 5 full						
FORECASTLE SIDES	11' 9"						single 2 1/2 3/4 3 double 3/4 2 7/8 5 full						

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. *Consolidated Iron & Steel Co. Ltd., Palmers & Co. Ltd. South Durham & Co. Ltd., J. Spencer & Sons Ltd. Norman Long & Co. Ltd. Siemens-Martin*

Iron plates. *J. Hill & Co.*

FRAMES extend in one length from *central line to tank side & from tank side to gunwale*

REVERSED FRAMES on floors and frames extend from, *in way of Forecastle to Spar & Fore decks alternately elsewhere all to Spar beam, double from tank side to tank side in E113 space*

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	57-6	20 1/4	20 1/4	16 1/4	16 1/4	two	✓	✓	single	butts double
	Main	60-6	20 1/4	20 1/4	16 1/4	16 1/4	"	✓	✓	"	"
	Mizen	nil									
Bowsprit	nil										
Topmasts, Yards and Remainder of Spars	Pitch Pine										
Rigging, Material and Size, Shrouds	Sail steel wire 3 3/4" Backstay 24" Stays Lower 4" Topmast 24"										
Sails	one Suit of fore & aft Sails, and the following spare sails										

EQUIPMENT No. *38,670* LETTER *W* 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.	Cwts.	qrs.	Tons.	cwts.	qrs.	lbs.			
3208	1st Bower	50	1	14	14	42	12	0	21	50	0	21
3209	2nd "	50	1	14	14	42	12	0	21	50	0	21
3153	3rd "	42	3	13	13	37	13	3	13	42	2	13
	Collective weight	143	1	14	14	142	2	14	2	142	2	14
48812	Stream	13	0	2	3	14	17	0	21	12	0	21
24855	Kedge	6	0	4	1	8	5	0	6	6	0	6
	2nd Kedge											

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.	HAWERS AND WARPS.	
				Supplied.	Per Rule.					Material.	Fathoms and Size per Rule.
31891	135	2 1/6	7 1/2	107	10	292	1-17	270	2 1/6	Steel	T.P. Jones & Co. Netherton 7/03. H. Green
31887	135	"	7 1/2	107	10	292	0-10	270	2 1/6	Steel	T.P. Jones & Co. Netherton 7/03. H. Green
	90	1 1/2	39	58	4	573	2-14	90	1 1/2	Steel	T.P. Jones & Co. Netherton 7/03. H. Green

Boats *2 lifeboats & 2 others*

Pumps, Number *one* 5" down to connected to engine room sections Diameter of Barrel and Tail Pipe *one* 6" hand pump to fore peak. 3" tail pipe

Windlass is *Direct Steam - Emerson Walkers* Capstan *nil*

Engine Room Skylights—How constructed? *Steel Coaming & flaps*

What arrangements for deadlights in bad weather? *Bullseyes*

Coal Bunker Openings—How constructed? *Steel plates & angles* How are lids secured? *lugs & bolts* Height above deck? *1-6'*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *2 scuppers each side - 2 ports each side 3'-0" x 4'-0"*

Ceiling in Holds, thickness and material *2 1/2" w.w.* Ceiling 'tween Decks, thickness and material *6" x 2" w.w.*

Cargo Hatchways—How formed? *Steel Coaming & channel plates in line of pillars* Hatches, If strong and efficient? *Solid 3"*

State size No. 1 Hatch (Forward) *20' x 14' x 2'* No. 2 Hatch *26' x 16' x 2'* No. 3 Hatch *8' x 14' x 2'* No. 4 Hatch *26' x 16' x 3'*

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *1 web plate in No. 1 & 2, 2 web plates in No. 3 & 4 and 3 fore*

Stoppers in each *lugs & bolts*

Bulwarks, height above deck and description *4'-3" steel, 1/20 thick, Bull Strap* Main Rail, material and size *Bull Strap 8' x 3' x 9/20"*

The above is a correct description. *John Readhead* Surveyor's Signature *Thos Shaw* Surveyor to Lloyd's Register of British & Foreign Shipping.

Correspondence in this case (reference should be made to any correspondence connected with this case)

M 30/9/02 E 26/11/02

Workmanship *planned*

Is the riveted work proper? *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 facing surfaces? *Yes*

Do any rivets break into or through the seams or butts of plating? *a very 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 approved plans, the Secretary's letters and otherwise in general conformity with the Rules*

The materials and workmanship are good

Weather decks have been flooded & found satisfactory

No quarter or hatch side pillars are fitted, the beams being of increased size and girders fitted at side of hatches

Plans (K) are forwarded herewith

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

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop *77* ft., R.Q.D. or Break *✓* ft., Bridge Dk. and *✓* ft., F'castle *217* ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *Bridge and Forecastle joined*

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) *1 deck (stl) and Spar dk (stl) & deep framing*

Official No. ; Signal Letters

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

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Double bottom, aft.	118	318	Fore peak tank.	✓	✓
Double bottom, forward.	142	359	After peak tank.	✓	✓
Double bottom, under Engines and Boilers.	42	128	Midship deep tank.	✓	48
Double bottom, if under Engines only.	✓	✓	Other tanks, if fitted.	✓	
Double bottom, if under Boilers only.	✓	✓	(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules *Yes*

Order for Special Survey No. *3294*

Date *4-7-02*

Order for Ordinary Survey No.

Date

No. *369* in builder's yard

1st. On the several parts of the frame, when in place, and before the plating was wrought *1902 Oct. 16, 22, 29, Nov. 3, 6, 14, 18, 27, Dec. 4, 9, 18, 25, 1903 Jan. 8, 15, Feb. 2, 26, 1904*

2nd. On the plating during the process of riveting *Feb. 2, 26, 1904*

3rd. When the beams were in and fastened, and before the decks were laid *May 11, 18, 20, 28, June 4, 5, 9*

4th. When the ship was complete, and before the plating was finally coated or cemented *May 11, 18, 20, 28, June 4, 5, 9*

5th. After the ship was launched and equipped

Total No. of Visits *40*

The amount of Entry Fee *5* : : *16/6/1903*

Special Survey Fee *£123 14* : -

Travelling Expenses, if any *£18 10 0*

I am of opinion this Vessel should be Classed **100 A1 Spar dk*

With, or without Freeboard, as condition of Class *without*

Committee's Minute *FRI. 19 JUN 1903*

Character assigned *100 A1 Steel*

Lloyds & Co

+ LMC 6,03

Thos Shaw

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

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