

1 or 2 Decks.

IRON OR STEEL STEAMER.

Received at Register Office.

390
APL 1891

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

Date of completion of Report *April 2nd 91* Port of *Middleborough*

No. *390* Survey held at *Middleborough* Date, First Survey *Oct 27th 1890* Last Survey *April 2nd 1891*

In the *Steel Screw Steamer OSCAR*

Rig *Schooner 2 Masts*

NAME under Tonnage Deck... *988.54*

ONE OR TWO DECKED VESSEL.

Master *E. Racich*

CLASS *100 A*

Year of appointment (1) As master in service of owner of present vessel - 18 (2) As master of this vessel - 18

of Poop *99.38*

of Raised Or. *123.32*

of Bridge House *4.69*

of Houses on Deck *22.81*

of excess of Hatchways *20.87*

of Forecastle *1269.61*

above Crown of Engine Room *34.86*

is Tonnage *1234.75*

Crew Space *406.38*

above Crown of Engine Room *10.36*

SPACE FOR FEES.. *818.11*

Engine Room

Navigation Spaces

ster Tonnage

cut on Beam ..

Half Breadth (moulded) *17.16*

Depth from upper part of Keel to top of Main Deck Bms. *17.79*

Girth of Half Midship Frame (as per Rule) *31.83*

1st Number *66.78*

Length *232.66*

2nd Number *15537*

Proportions—Breadths to Length *6.77*

Depths to Length—Main Deck to top of Keel *13.07*

Desired Voyage

Built at *Middleborough*

When built *1890-1* Launched *Feb 24th 91*

By whom built *Raylton Discu Ho*

Owners *Giovanni G. Gargurevich Ho*

Managers

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

Residence *Rafusa*

Port belonging to *Trieste*

Surveyed while Building, Afloat, or in Dry Dock

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
232	8	Moulded.....	34	4	Top of Floors to Main Deck Beams. In way of Keels	14	9	Engines	120	1

Dimensions of Ship per Register, Length, *234*, breadth, *34.5* depth, *16.2*. Moulded Depth, ft. *17* ins. *1*. Round of Beam *8 1/2* inches.

FORGINGS AND CASTINGS.

L, Bar on Side Plates depth and thickness

M, moulding and thickness.

RN-POST for Rudder do. do.

for Propeller.

PIECE of Rudder, diameter at head.

do. at heel.

DER, how constructed *Forging plated*

the Rudder be unshipped afloat? *Yes*

FRAMING.

ME, Angles, on *7* Bars, for *1/2* length amidships

for *1/2* at each end

in way of Double Bottoms

nce of Frames from moulding edge to

adding edge, all fore and aft

ERSED FRAME, Angles

ORS, 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 breadth, as per Rule

height extended at the Bilges

ORS & BRACKETS, in Cell Dble Bottoms

Distance apart

TRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top *4x4x8/20* Bottom

GIRDERS, number and thickness

Angles

GIN PLATE, depth (exclusive of flange)

and thickness

Angles

ER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

MS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

MS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

MS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

MS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

ARS, In 'tween Decks, Size and Spacing

Hold

FRAMES, In Fore Body, No. and Spacing

No. of Side Stringers

FRAMES, In After Body, No. and Spacing

No. of Side Stringers

Size of Angles on Tee Bars to Web Frames

LET PLATES to Stringers between

b Frames, Depth and Thickness

KEELSONS AND STRINGERS.

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

Intercoastal Plate for *5 3/5* length

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for *5 3/5* len.

Intercoastal Plate for

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercoastal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate for

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth & thkns

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms, No. of Pairs

Flat of Dk* Iron or Steel for *whole* lng.

Wood Material & thickness

How fastened to Beams

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck* Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Bridge Deck Stringer Plate, brdth & thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thckns

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or incr'd thckns, & lngth appl.

PLATES in Garboard Strakes, brd'th & thickness

From Garboard to lower part of Bilges

State Thickness of Plating in way of Double Bottom.

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness,

and length applied

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk. & lng. applied *3/8* length

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating *7 spaces of frames*

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

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ng.

Deck.

Deck.

Deck.

Deck.

BULKHEADS. No. in Vessel 4. No. Req'd. by Rule 4. Ceiling betwixt Decks, thickness and material Pine 2 1/2. in hold do. do. do. W. T. BULKHEADS Thickness 6/20 Angles Vrtcl. 4x3x3/4 30 Hrztntl. do 48 Main + 2nd deck double. Number of Breasthooks 3 Crutches deep floors. PARTITION... Vrtcl. Hrztntl. LONGITUDINAL Vrtcl.

Are the outside Plates doubled two spaces of Frames in length? The FRAMES extend in one length from Centre Bilge, bilge to top height in tanks Riveted through Plates with 7/8 in. Rivets, about 6 1/2 apart. The REVERSED ANGLE on floors and frames extend from Centre line to tank side, and to Main + 2nd deck top interstices alternately, dble in E.B. Room to upper turn of bilge.

RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c. Garboard, double riveted to Bar Keel or Flat Plate Keel, with rivets 1/8 in. diameter, averaging 5 5/8 ins. from centre to centre. Edges of Garboards and to upper part of Bilge, worked clencher, double riveted; with rivets 3/16 in. diameter, averaging 3 1/4 ins. from centre to centre. Butts from Keel to turn of Bilge, worked carvel, treble or double riveted; treble for 3/5 lgh.; with rivets 7/8 in. dia., averaging 3 1/2 ins. from cr. to cr. Butts of 2 Strakes at Bilge for 1/2 length, treble riveted with Butt Straps 3/20 thicker than the plates they connect. 1 strake lapped. Edges from Bilge to Sheerstrake, worked clencher, double or single riveted; with rivets 3/4 in. diameter, averaging 3 1/4 ins. from centre to centre. Butts from Bilge to Sheerstrake, worked carvel, treble or double riveted; treble for 1/2 length; with rivets 7/8 in. dia., averaging 3 1/2 ins. from cr. to cr. Edges of Sheerstrake, double or single riveted. Butts of Sheerstrake, treble riveted for 1/2 length amidships. Butts of Main Stringer Plate, treble riveted for 1/2 length amidships. Butts of Inner Bottom Plating single riveted for 1/2 length. Butts of Centre Girder double riveted. Breadth of edge laps of Shell Plating in double riveting 4 1/2. Breadth of edge laps of Shell Plating in single riveting 9. Butt Straps of Shell Plating breadth and thickness 16 1/4 to 9 3/4 12 to 8. Butts, if Lapped, breadth of laps 9 + 7 1/2. Butt Straps of Keelsons, Stringer and Tie Plates, treble or double riveted. Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? Siemens Martin Steel. West of Scotland. Consist. Iron. I Hill 16. 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. 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 the plating? a few. Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes.

MASTS, SPARS, &c. Material. Total Length. DIAMETER AND THICKNESS. No. of Plates in round. ANGLES. RIVETING. LOWER MASTS... Fore P. Pine 68.6 At Partners. Heel. Hounds. Head. Main do 66.0 17 1/2 16 1/2 Mizzen 17 1/2 16 1/2 Bowsprit 17 1/2 Topmasts, Vangs and Remainder of Spars P. Pine. Rigging, Material and Size, Shrouds wire 3. Stays wire 3 1/4. Sails. One Suit of Sails, and the following spare sails.

EQUIPMENT No. 16956 LETTER O ANCHORS.

Number of Certificate.		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.
21262	1st Bower ..	23	3	0	6	2	0	23	13	3	0	23	2	0	Rodgers	Jabott & Co	Riv. near Com ²
21264	2nd „ ..	23	2	0	5	2	14	23	10	0	0				“	I. H. H. Supt	
21265	3rd „ ..	21	2	14	5	1	0	22	1	3	14				“	Dec ^r 23 rd 1890	
	Collective weight	68	3	14								67	0	0			
21266	Stream	8	1	0	2	0	0	10	7	2	0	8	0	0	“	“	do Dec 23 rd 90
21270	Kedge	4	0	14	1	0	0	6	10	0	0	4	0	0	“	“	do 24
21271	2nd Kedge ..	2	1	0	2	14		4	15	0	0	2	0	0	“	“	do 24

CHAIN CABLES. HAWSERS AND WARPS.

Number of Certificate.	Fathoms.	Size.	Test per Certificate. Tons.	Weight of Chain Cable.	Fathoms & Size. Per Rule.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	FATHOMS & SIZE. PER RULE.	
												Fathoms.	Size.
8776	153	1 1/2	43 3/4	190.0.10	270 x 1 1/2	Stad	Jabott & Co.	Dec 24. 90. Riv. near Com.	Towline*				
7519	59			67.2.0	270 x 1 1/2	Chain	"	Feb 1-91. I. H. H. Supt.	Hawser	90	8	90 x 8	
7463	58			65.1.0	270 x 1 1/2	Chain	"	Jan 14-91. I. H. H. Supt.		90	6	90 x 6	
Iron Steam Chain	76	1	18	41.0.13	75 x 1"								
Towline* if steel wire	90	3/4	22		90 x 3/4	Steel wire							

Boats 1 Lifeboat 12 Others. Pumps, Number as per plan. The Windlass is Iron. Steam. Engine Room Skylights.—How constructed? Plate crammings + top. mth flaps (ann) + thick glass bulls eyes. What arrangements for deadlights in bad weather? Coal Bunker Openings.—How constructed? Plate crammings. How are lids secured? Cleats + battens. Height above deck? 30" + 18". Number of Scuppers, and number and dimensions of Freeing Ports, &c. In well 4 ports 36" x 18" each side, 35 scuppers. On 2nd dk. 4 ports 29" x 14" + 4 scuppers each side. Cargo Hatchways.—How formed? Plate crammings. Hatches, if strong and efficient? Yes solid. State size No. 1 Hatch (Forward) 15.1 x 11.10 No. 2 Hatch 22.9 x 12.0 No. 3 Hatch 18.10 x 11.10 No. 4 Hatch 19.2 x 11.11. Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No 1 3 fore + afters. No 2 2 webs, 3 fore + afters. No 3 + 4 2 webs 3 fore + afters. Bulwarks, height above deck and description Plate. 4' 0" high. Main Rail, material and size Iron 3" x 1 1/2.

Order for Special Survey No. 31
Date Oct 9th 1890
Order for Ordinary Survey No. ✓
Date ✓
No. 336 in builder's yard.
1st. On the several parts of the frame, when in place, and before the plating was wrought
2nd. On the plating during the process of riveting
3rd. When the beams were in and fastened, and before the decks were laid
4th. When the ship was complete, and before the plating was finally coated or cemented
5th. After the ship was launched and equipped
Built under Special Survey
1st Visit October 27th 1890
last " April 2nd 1891
Total No. of Visits 19
Oct 2nd 1890 M Nov 20th 1890 P.

State dates and initials of letters respecting this case
General Remarks (State quality of workmanship, &c.)
The vessel has been built under Special Survey, in accordance with the approved plans, and the rules for steel vessels. The workmanship and materials are good. Steel tested as per rule

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 4 ft., R.Q.D. or Break 89 ft., Bridge Dk. 55.5 ft., F'castle 24.5 ft.
(in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated
Quarter deck bridge combined

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) 1dk iron 1 tier bms 1 rrb
Official No. ✓ ; Signal Letters

PARTICULARS OF WATER BALLAST.—
Double bottom, aft, length 65 ft and water capacity in tons 117
Double bottom, forward, length 55½ ft and water capacity in tons 111
Double bottom, under engines and boilers, length ✓ and water capacity in tons ✓ If under Engines only, or Boilers only, state which ✓
Double bottom, constructed on the cellular system, length 120½ ft and water capacity in tons 228
Fore peak tank, water capacity in tons ✓ After peak tank, water capacity in tons 31
Midship deep tank, length ✓ and water capacity in tons ✓ Other tanks, if fitted, length ✓ and water capacity in tons ✓
The above have ✓ been tested as required by the Rules.
(If necessary, furnish further information by sketch.)
How are the surfaces preserved from oxidation? Inside Portland Cement in Water, Painted Outside Paint

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated ✓
In Summer ✓ ft. ✓ ins.
In Winter ✓ ft. ✓ ins.
For Winter in North Atlantic ✓ ft. ✓ ins.
Fresh Water above the centre of disc ✓ ins.
To top of Wood, Iron or Steel Upper Deck. ✓
State if marked on Vessel's sides in accordance with Notice No. 572 ✓

The amount of Entry Fee..... £ 4: : : is received by me.
Special ... £ 55: 14: 6 3/4 1891
Certificate* £ : :
Travelling Expenses, if any £ : :
I am of opinion this Vessel should be Classed +100 A1 Steel
H. M. Williams.
Surveyor to Lloyd's Register of British and Foreign Shipping.

Committee's Minute
Character assigned
+ L hcb. 4/91
A1 Steel
100A1 Steel
1dk (Iron) web frames
well dk
It is submitted that this vessel appears eligible to be Classed 100 A-1 (steel) as recommended.
1 deck (iron) + web frames
all S.B. (particulars above)
"well deck"