

1 or 2 Decks. **IRON OR STEEL STEAMER.**

RECEIVED FROM  
SURVEYOR

24 NOV. 91

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

Received at London Office,

25 NOV 91

Date of completion of Report

Nov 20. 1891

Port of LIVERPOOL.

No. 37896

Survey held at

Liverpool

Date, First Survey

Aug 82

Last Survey

Nov 13 1891

1891

The

Steamer S. S. Yanchuk

Rig

Sloop

Tonnage under Tonnage Deck... 883.62

Do. of Poop 183.64

Do. of Raised Qr. Dk. or Break... 1089.59

Do. of Bridge House 24.50

Do. of Houses on Deck 22.73

Do. of Hatchways 24.50

Do. of Forecastle 24.50

Do. of Crown of Engine Room 24.50

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ONE OR TWO DECKED VESSEL.

CLASS **A-1-1**

FEET.

Half Breadth (moulded) 14.2

Depth from upper part of Keel to top of Main Deck Bms. 17.3

Girth of Half Midship Frame (as per Rule) 29.7

1st Number 63.0

Length 248.75

2nd Number 156.4

Proportions—Breadths to Length 8.8

Depths to Length—Main Deck to top of Keel 12.8

Destined Voyage

Master

W. G. James

Year of appointment

(1) As master in service of owner of present vessel—1881

(2) As master of this vessel—1883

Built at

Liverpool

When built

1871

By whom built

Bowdler & Chaffey

Owners

Atlantic & Eastern S.S. Co.

Managers

J. H. & S. H. & S. H.

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

Residence

Liverpool

Port belonging to

Liverpool

If Surveyed while Building, Afloat, or in Dry Dock

afloat

WIDTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid	No. of Tiers of Beams
per Rule	24.9	9	Moulded	30	0	Top of Floors to Main Deck Beams	17	10	Engines	140	one	two

Dimensions of Ship per Register, Length, 248.75 breadth, 14.2 depth, 17.3. Moulded Depth, ft. 16 ins. 8. Round of Beam 7 inches.

**FORGINGS AND CASTINGS.**

EL, Bar or Side Plates depth and thickness

M, moulding and thickness

RN-POST for Rudder do. do.

for Propeller

IN PIECE of Rudder, diameter at head

do. at heel

ODER, how constructed

the Rudder be unshipped afloat?

**FRAMING.**

AME, Angles, or Bars, for 1/2 length amidships

o. for 1/2 at each end

o. in way of Double Bottoms

ance of Frames from moulding edge to

oulding edge, all fore and aft

VERSED FRAME, Angles

DORS, 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

DORS & BRACKETS, in Cell Dble Bottoms

Distance apart

STRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top

Bottom

DE GIRDER, number and thickness

Angles

RGIN 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

AMS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

AMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

AMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

Inches in Ship.

Inches per Rule.

Or as Approved.

7 1/2 x 3

7 1/2 x 3

7 1/2 x 3

7 1/2 x 3

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**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

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for

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 & thickness

Angle on ditto

Tie Plates fore & aft, outside Hatchways

Diagonal Tie Plates on Bms., No. of Pairs

Flat of Dk\* Iron or Steel for

Wood

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

Inches in Ship.

Inches in Ship.

16ths or 20ths in Ship.

Inches per Rule.

Or as Approved.

15

11

14

10

10 1/2

11

9 1/2

10

4 1/4

4

8

4 1/2

3 1/2

8

4 1/4

4

8

4 1/2

3 1/2

8

4 1/4

4

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4 1/2

3 1/2

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4 1/4

4

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4 1/2

3 1/2

8

4 1/4

4

8

4 1/2

3 1/2

8

4 1/4

4

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



BULKHEADS.		No. in Vessel	No. Reqd. by Rule
Thickness.	Angles.	Spacing.	Height up.
Ceiling betwixt Decks, thickness and material	2	W. T. BULKHEADS	
" in hold R.P. do.	2 1/2		
Number of Breasthooks	four		
" Crutches	three		

Are the outside Plates doubled two spaces of Frames in length? *yes*  
 The **FRAMES** extend in one length from *Keel* to *Gunnwale* Riveted through Plates with *1/4* in. Rivets, about *6* apart  
 The **REVERSED ANGLE** on floors and frames extend from *Main and lower decks alternately*

**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 1/8* in. diameter, averaging *4* ins. from centre to centre.  
**Edges of Garboards** and to upper part of Bilge, worked clench, double riveted; with rivets *1 1/8* in. diameter, averaging *3 1/2* ins. from centre to centre.  
**Butts from Keel to turn of Bilge**, worked carvel, *double* riveted; treble for *full* length; with rivets *1 1/8* in. dia., averaging *3 1/2* ins. from cr. to cr.  
**Butts of** *Strakes at Bilge* for *full* length, treble riveted with Butt Straps *thicker* than the plates they connect.  
**Edges from Bilge to Sheerstrake**, worked clench, double or single riveted; with rivets *1 1/8* in. diameter, averaging *3 1/2* ins. from centre to centre.  
**Butts from Bilge to Sheerstrake**, worked carvel, *double* riveted; treble for *full* length; with rivets *1 1/8* in. dia., averaging *3 1/2* ins. from cr. to cr.  
**Edges of Sheerstrake**, double or single riveted. **Butts of Sheerstrake**, treble riveted for *3/5* length amidships.  
**Butts of Main Stringer Plate**, treble riveted for *3/5* length amidships. **Single or Double Butt Straps to Stringer Plate** for *full* length.  
**Butts of Inner Bottom Plating** riveted for *full* length. **Butts of Centre Circle** *riveted* for *full* length.  
**Breadth of edge laps of Shell Plating** in double riveting *full*. **Breadth of edge laps of Shell Plating** in single riveting *full*.  
**Butt Straps of Shell Plating** breadth and thickness *1/4 in. dia. 1/2 in. thick*. **Butts of Lapped breadth of laps** *1/4 in. dia. 1/2 in. thick*.  
**Butt Straps of Keelsons, Stringer and Tie Plates**, treble *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.?

**Workmanship.** Are the butts of plating planed or otherwise fitted? *yes*  
 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 laying surfaces? *yes* Do any rivets break into or through the seams or butts of the plating? *no*  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes*

MASTS, SPARS, &c.		DIAMETER AND THICKNESS		No. of Plates		ANGLES.		RIVETING.	
At Partners.	Heel.	Hounds.	Head.	Number.	Size.	Seams.	Butts.		
LOWER MASTS...	Main								
	Mizen								
Boomsprit									
Topmasts, Yards and Remainder of Spars	<i>R. Pine, R. Pine &amp; Spruce</i>								
Rigging, Material and Size, Shrouds	<i>Gal. Iron Wire 3/4</i>								
Sails.	Suit of <i>Silken</i>								
	Sails, and the following spare sails								

EQUIPMENT NO.		LETTER		ANCHORS.	
Number of Certificate.	WEIGHT, EX. STOCK	WEIGHT OF STOCK	TEST, PER CERTIFICATE.	WEIGHT REQ. BY RULE	Description of Anchor.
Cwts. qrs. lbs.	Cwts. qrs. lbs.	Tons. cwts. qrs. lbs.	Cwts. qrs. lbs.	Cwts. qrs. lbs.	Makers.
1st Bower	21 1 13	3 3 3	26 6 0 7	21 0 0	<i>Rodgers</i>
2nd "	21 1 19	4 2 9	21 19 0 0	21 0 0	<i>Montford</i>
3rd "	18 2 37	3 0 9	19 3 0 0	18 0 0	
Collective weight	61 2 13		60 0 0		
Stream	9 2 4		9 9 3 0	9 0 0	
Kedge	4 2 4		6 1 0 0	4 2 0	
2nd Kedge	2 1 1		4 5 2 0	2 1 0	

CHAIN CABLES.		HAWSERS AND WARPS.	
Number of Certificate.	Fathoms Size.	Test per Certificate.	Weight of Chain Cable.
Cwts. qrs. lbs.	Fathoms Size.	Description.	Makers of Cables.
270	2 1/2	240. 1 1/2	
30	3/4	60-7/8	
240	3/4		

Boats *Two life and one other*

Pumps, Number *Three* Diameter of Barrel and Tail Pipe *3 in.*

The Windlass is *Hawfield's Pat.* Capstan *good*

Engine Room Skylights.—How constructed? *Iron & wood*

What arrangements for deadlights in bad weather? *Deadlights in flap*

Coal Bunker Openings.—How constructed? *Iron* How are lids secured? *latch bar* Height above deck? *16*

Number of Scuppers and number and dimensions of Freeing Ports, &c. *Three on each side, 2.3 x 2.0*

Cargo Hatchways.—How formed?—*Iron. 7/16* Hatches, if strong and efficient? *yes*

State size No. 1 Hatch (Forward) *11.9 x 8.9 x 16* No. 2 Hatch *20 x 8.9 x 15* No. 3 Hatch *19.6 x 9.0 x 15* No. 4 Hatch *19.6 x 9.0 x 15*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch *one shifting beam and one fore and after.*

Bulwarks, height above deck and description *Iron 4.6* Main Rail, material and size *Iron plate 8 1/2 x 5 1/2*

The above is a correct description.

Builder's Signature, *(here only)* *John Gutterford* Surveyor's Signature, *John Gutterford*

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

Order for Special Survey No. *1* Date *19th Sept. 1890*

Order for Ordinary Survey No. *2* Date *19th Sept. 1890*

No. *1* 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

Total No. of Visits *2*

State dates and initials of letters respecting this case.

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

*The 6th Survey has now been completed, see Liverpool reports. No. 36034, Sept. 19, 1890, and No. 37295, June 19, 1891. The plating has been drilled and thickness ascertained as shown on accompanying sketch.*

**PARTICULARS FOR RECORD IN THE REGISTER BOOK.**—Length of Poop *38* ft., R.Q.D. or Break *ft.*, Bridge Dk. *11* ft., F'castle *10* 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.

*Poof joined to Bridge deck.*

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) *one wood deck, two tiers of beams.*

Official No. *1*; Signal Letters *—*

**PARTICULARS OF WATER BALLAST.**—Double bottom, aft, length *—* and water capacity in tons *—*. Double bottom, forward, length *—* and water capacity in tons *—*. 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 *—* and water capacity in tons *—*. Fore peak tank, water capacity in tons *—*. After peak tank, water capacity in tons *—*. 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 *Paint & cement* 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.

The amount of Entry Fee..... £ : : is received by me, *Special ... £ : : 18*

Certificate\* £ : : *Certificate to be sent to*

Travelling Expenses, if any £ : : *18*

*We are of opinion this Vessel should be Classed A1.7 and be marked 6th Survey Dec. 6-91 with the record 11-91*

Committee's Minute *LIVERPOOL. 24 NOV. 91*

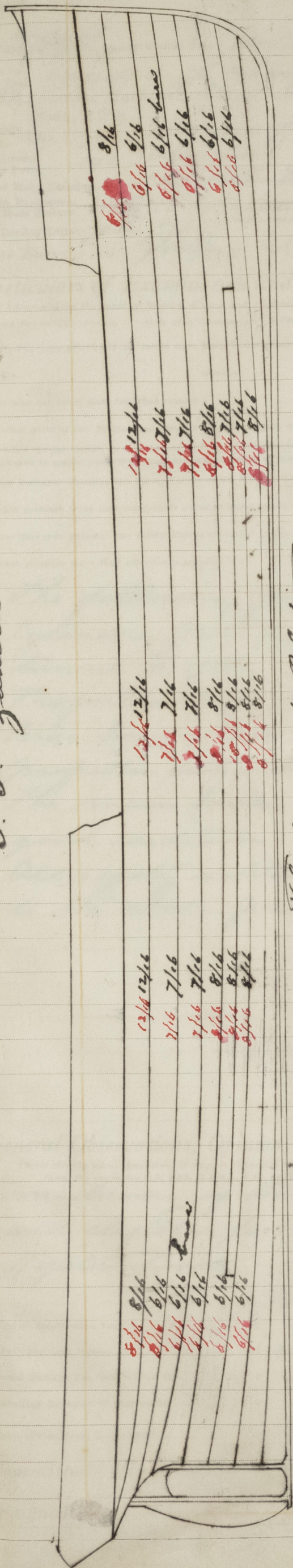
Character assigned *A1.7* *6th Survey Dec. 6-91* *Record 11-91*

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



on the

Thickness of Planting



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Lloyd's Register  
Foundation

LIV 590-0153(3/3)

U.V 590-0155