

1 or 2 Decks.

## IRON OR STEEL STEAMER.

Received at London Office.

State if Report is also sent on the Machinery of the Vessel *Yes*.Date of completion of Report *Dec. 14 1890*Port of *West Hartlepool*No. *8270* Survey held at *West Hartlepool*Date, First Survey *7 Aug. 90*Last Survey *17 Dec.*

1890

On the *Steel Screw Steamer "Zanzibar"*Schooner Rig *2 Masts*

TONNAGE under

nage Deck *2280.92*of Poop *74.13*Raised Or *167.46*Dk. or Break *332.67*Do. of Bridge Head *21.05*Do. of House of Mast *24.33*Do. of excess of Hatchways *50.62*of Fore Mast *13.09*of Main Mast *2964.27*of Tonnage *69.65*Crew Space *2894.62*of Cabin of *948.57*Engine Room *26.64*

Navigation Spaces

Register Tonnage *1919.41*

as out on Beam

TWO DECKED VESSEL.

CLASS *100A1*

FEET.

Half Breadth (moulded) *20.2*Depth from upper part of Keel to top of Main Deck Bms. *24.8*Girth of Half Midship Frame (as per Rule) *40.0*1st Number *84.10*Length *312.4*2nd Number *26496*Proportions—Breadths to Length *7.74*Depths to Length—Main Deck to top of Keel *12.66*Destined Voyage *Antwerp*Master *L. M. Lee*

Year of appointment

Built at *West Hartlepool*When built *1890* Launched *29 Oct 90*By whom built *R. M. H. & Co.*Owners *Zanzibar Steamship Co. Ltd.*Managers *F. Woods*Residence *44 Leadenhall St. London E.C.*Port belonging to *London*

If Surveyed while Building, Afloat, or in Dry Dock

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid	On
as per Rule	312	4	Moulded	40	4	Top of Floors to Main Deck	21	3 1/2	Engines	300	No. of Tiers of Beams	One

Dimensions of Ship per Register, Length *313.8* breadth, *40.55* depth, *21.15*Moulded Depth, ft. *23* ins. *8* Round of Beam *10* inches.

## FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

N-POST for Rudder do. do.

for Propeller

A PIECE of Rudder, diameter at head

do. at heel

RUDDER, how constructed *Forged & Plated*Can the Rudder be unshipped afloat? *Yes*

## FRAMING.

FRAME, Angles, or Bars, for length amidships

Do. for at each end

Do in way of Double Bottoms

Distance of Frames from moulding edge to

moulding edge, all fore and aft

REVERSED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

at mid line for length amidships

way of Engines and Boilers

Thickness at the ends of vessel

Depth at the half breadth, as per Rule

Height at the ends of the Bilges

FLOORS &amp; BRACKETS, in Cell Dble Bottoms

Distance apart

CENTRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top *4 x 4 x 7/8* Bottom

SIDE GIRDERS, number and thickness

Angles

MARGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INSTR 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

Angles on Upper Edge

Average space

BEAMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Poop Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Bridge Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Average space

PILLARS, in 'tween Decks, Size and Spacing

Hold

WEB FRAMES, in Fore Body, No. and Spacing

Brth. &amp; Thickness

No. of Side Stringers

Brth. &amp; Thickness

No. of Side Stringers

Brth. &amp; Thickness

Size of Angles, Tee, or Web Frames

Bracket Plates to Stringers between

Web Frames, Depth and Thickness

Inches in Ship.

Inches per Rule.

Or as Approved.

10 x 2 3/4

10 x 6

10 x 6

8

4

5 x 3 1/2

5 x 3 1/2

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## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

Floor, Through Plate, or Intercoastal Plate

Rider Plate

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floor for

Intercoastal Plate for

Attached to outside plating with Angle

BULGE KEELSON, Angles

Bulb or Plate above floor for

Intercoastal Plate for

Attached to outside plating with Angle

BULGE 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 &amp; thickness

Angle on ditto

Tie Plates for &amp; aft, outside Hatchways

Diagonal Tie Plates on Bms., No. of Pairs

Flat of Dk. Iron or Steel for entire lng.

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. 2

Poop Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Bridge Deck Stringer Plate, brth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, brth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or increased thickness, &amp; length appl. 1/2

PLATES in Garboard Strakes, brth &amp; 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

Sh'rstrake increased to 1/2" or 3/4" or 1"

Sheerstrake, breadth and thickness

Of d'bling at Sh'rstrake &amp; lng. applied

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating *24ft & 16ft*

Inches in Ship.

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Form 1000 - Specifications for the Construction of a Vessel. The form is divided into several sections: BULKHEADS, FRAMES, RIVETING OF EDGES AND BUTTS OF SHELL PLATING, MASTS, SPARS, &c., EQUIPMENT, ANCHORS, CHAIN CABLES, HAWSERS AND WARPS, and other details. It includes numerous tables for recording measurements, materials, and specifications. The form is filled out with handwritten data, including vessel details like 'No. in Vessel' and 'No. Reqd. by Rule'. The bottom section contains signatures for the Builder, Surveyor, and other relevant parties.



Order for Special Survey No. 462  
Date 8 Aug. 90.  
Order for Ordinary Survey No.  
Date  
No. 178 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.  
Date 1st Survey 7 Aug. 90.  
Last 17 Dec. Total No. of Visits 56.

State dates and initials of letters respecting this case 14/7/90 (M) 6/8/90 M. 6 Oct 90 M. and 10 Dec 90 M.  
General Remarks (State quality of workmanship, &c.) This vessel has been built in accordance with the Rules, and the approved tracings now in the London office; but, the semi-box beam on transverse bulkheads have not been fitted. The collision bulkhead is constructed per plan, approved by the Chief Surveyor. The whole of the materials used in the hull have been tested as prescribed by the Rules & found satisfactory. The workmanship throughout the vessel is of good quality.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 28.8 ft., R.Q.D. or Break 102 ft., Bridge Dk. 126 ft., F'castle 33.1 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. Bridge and Raised Quarter Decks joined, and Sunk Poop abaft R.Q. 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) 1 Dk. (Iron & Steel) and Web framed.  
Official No. 98192; 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 268 ft. and water capacity in tons 498.  
Fore peak tank, water capacity in tons. After peak tank, water capacity in tons 37.  
Midship deep tank, length and water capacity in tons. Other tanks, if fitted, length and water capacity in tons.  
The above have now been tested as required by the Rules.  
(If necessary, furnish further information by sketch.)  
How are the surfaces preserved from oxidation? Inside by paint & Whiting Enamel Cement Outside by paint.

FREEBOARD assigned by the Committee, as per Secretary's Letter, dated 3 Dec. 1890.  
In Summer 2 ft. 4 ins.  
In Winter 2 ft. 8 1/2 ins.  
For Winter in North Atlantic 3 ft. 1 ins.  
Fresh Water above the centre of disc 5 ins.  
To top of Wood, Iron or Steel Upper Deck.

The amount of Entry Fee £ 5: is received by me, Special £ 97: 7: 6 24.12.1890. Certificate to be sent to.  
Certificate £ gratis  
Travelling Expenses, if any £ :  
I am of opinion this Vessel should be Classed 100A1 on completion.

Committee's Minute FRI 2 JAN 91  
Character assigned Deffered 100A1 15k (Front end) & Web frames.  
+ L. M. B. 12/90  
This vessel has been built in accordance with the Rules and approved tracings excepting that the transverse bulkheads have not been strengthened as required. In other respects the vessel appears to be Classed 100A1. Deck (iron steel) web frames, cell & Hasabene, F.K. hull deck.  
3/10/91