

1 or 2 Dks., R. Q. Dk.,
and Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 45305

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

Received at London Office *MAY 1903*

Date of completion of Report *26 May 1903*

Port of *Newcastle on Tyne*

Date, First Survey *27 February 1901* Last Survey *26 October 1902*

Blyth
"YUMURI"

Rig *Schooner*

Survey held at

On the

TONNAGE under
Tonnage Deck... *1604.97*

Do. of Poop *46.20*

Do. of Raised Qr. *121.44*

Do. of Bridge House *35.0*

Do. of Forecastle *5.11*

Do. of Houses on Deck *23.37*

Do. of excess of Hatchways *1836.00*

Do. above Crown of *61.04*

Gross Tonnage *1775.08*

Crew Space *587.55*

above Crown of *21.38*

Engine Room *1166.15*

Navigation Spaces

Water Tonnage

cut on Beam ...

ONE OR TWO DECKED VESSEL.

CLASS 100 A

FEET.

Half Breadth (moulded) *19.65*

Depth from upper part of Keel to top of Main Deck Bms. *21.62*

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) *38.04*

1st Number *79.31*

Length on deck from after part of stem to fore part of *268.5*

stern post *21294.73*

2nd Number *6.83*

Proportions—Breadths to Length *12.36*

Depths to Length—Main Deck to top of Keel,

Destined Voyage

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

Master

Year of appointment *1902*

Built at *Blyth*

When built *1902* Launched *August 1902*

By whom built *Blyth Shipbuilding Co. Ltd*

Owners *Lombard & Co. London*

Managers

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

Residence

Port belonging to

| LENGTH on Deck as | Feet. | Inches. | BREADTH— | Feet. | Inches. | DEPTH, ACTUAL— | Feet. | Inches. | No. of Decks with Flat laid |
|-------------------|-------|---------|----------|-------|---------|---|-------|---------|-----------------------------|
| per Rule | 268 | 6 | Moulded | 39 | 3 1/2 | Top of Floors to top of Main Deck Beams | 18 | 5 1/2 | Two |

Dimensions of Ship per Register, Length, *270'-0"* breadth, *39'-5"* depth, *19'-7"* Moulded Depth, *20* ft. *10* ins. Round of Beam, Actual *9 1/2* ins.

FRAMING.

| | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| NAME, Angles, <i>E</i> or <i>L</i> Bars, for length | 6 | 3 | 11-10 | 6 | 3 | 11-10 |
| amidships | 5 | 3 | 7 | 5 | 3 | 7 |
| Do. for at each end <i>in peaks</i> | 5 | 3 | 8-7 | 5 | 3 | 8-7 |
| Do. in way of Double Bottoms at Solid Floors | | | | | | |
| " " at intermdt. Bkts. | | | | | | |
| acing of Frames from centre to centre | 24 | | | 24 | | |
| EVERSED FRAME, Angles <i>in peaks</i> | 3 1/2 | 3 | 8 | 3 1/2 | 3 | 8 |
| EEP FRAMING, depth of girder | | | | | | |
| LOORS, depth and thickness of Floor Plate | 24 | E | 11 | 24 | E | 11 |
| at mid-line for length amidships | | | | | | |
| " in way of Engines and Boilers | | | | | | |
| " thickness at the ends of vessel | | | | | | |
| " depth at 3/4 the half breadth, as per Rule | | | | | | |
| " height extended at the Bilges | | | | | | |
| LOORS & BRACKETS, in Cell Dble Bottoms | | | | | | |
| " " state if flanged (top & bottom) | | | | | | |
| " " Spacing | | | | | | |
| ENTRE GIRDER, in Double Bottom, depth | 38 | | 10-8 | 38 | | 10-8 |
| and thickness | | | | | | |
| " Angles, Top | 4 | 4 | 9-8 | 4 | 4 | 9-8 |
| " " Bottom | 4 | 4 | 11-10 | 4 | 4 | 11-10 |
| IDE GIRDERS, number on each side & thickness | 1 | | 8-7 | 1 | | 8-7 |
| " " state if flanged (top & bottom) | | | | | | |
| " Angles | 3 1/2 | 3 1/2 | 7 | 3 1/2 | 3 1/2 | 7 |
| MARGIN PLATE, depth (exclusive of flange) | 28 | | 8 | 28 | | 8 |
| and thickness | | | | | | |
| " Angles to Outside Plating | 3 1/2 | 3 1/2 | 8 | 3 1/2 | 3 1/2 | 8 |
| " Floors | 3 1/2 | 3 1/2 | 7 | 3 1/2 | 3 1/2 | 7 |
| " Height of Floors at the Bilges | 38 | | | 38 | | |
| INNER BOTTOM PLATING, breadth and | 36 | | 9-8 | 36 | | 9-8 |
| thickness of Middle Line Strake | | | | | | |
| " " thickness in Engine and Boiler space | | | | | | |
| " " Remainder in Holds | | | | | | |
| BEAMS, Main and Raised Quarter Deck, | 6 | 3 | 9 | 6 | 3 | 9 |
| Single Angle, Bulb Angle, Plate or Tee Bulb | | | | | | |
| " Angles on Upper Edge | | | | | | |
| " Spacing | | | | | | |
| BEAMS, Lower Deck, Single Angle, Bulb | 10 | 6 | 11 | 10 | 6 | 11 |
| Angle, Plate or Tee Bulb | | | | | | |
| " Angles on Upper Edge | | | | | | |
| " Spacing | | | | | | |
| BEAMS, Hold, Plate or Tee Bulb | | | | | | |
| " Angles on Upper Edge | | | | | | |
| " Spacing | | | | | | |
| BEAMS, Poop Deck, Angle, Bulb Angle, Plate | 6 1/2 | 3 | 8 | 6 1/2 | 3 | 8 |
| or Tee Bulb | | | | | | |
| " Angles on Upper Edge | | | | | | |
| " Spacing | | | | | | |
| BEAMS, Bridge or Pt. Awng. Deck, Angle, | 7 | 5 | 8 | 7 | 5 | 8 |
| Bulb Angle, Plate or Tee Bulb | | | | | | |
| " Angles on Upper Edge | | | | | | |
| " Spacing | | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, | 7 1/2 | 5 | 8 | 7 1/2 | 5 | 8 |
| Plate or Tee Bulb | | | | | | |
| " Angles on Upper Edge | | | | | | |
| " Spacing | | | | | | |
| PILLARS, In 'tween Decks, Size and Spacing | 2 1/8 | 48 | | 2 1/8 | 48 | |
| " " Hold | 3 7/8 | 44 | | 3 7/8 | 44 | |
| " " Quarter, 'tween Dks., | | | | | | |
| " " in Hold | | | | | | |
| WEB FRAMES, In Fore Body, No. and Spacing | | | | | | |
| " " Brdth. & Thickness | | | | | | |
| " " No. of Side Stringers | | | | | | |
| WEB FRAMES, In E. & B. Space, No. & Spacing | 3 | as per plan. | | | | |
| " " Brdth. & Thickness | 15 | 8 | 15 | 8 | | |
| 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, Dn and Thickness | | | | | | |

FORGINGS AND CASTINGS.

| | Inches in Ship. | Inches per Rule. |
|--|--------------------------|------------------|
| KEEL, Bar or Side Plates depth and thickness | <i>4 flat keel plate</i> | |
| STEM, moulding and thickness | <i>9 x 2 1/2</i> | <i>9 x 2 1/2</i> |
| STERN-POST for Rudder do. do. | <i>9 x 5 1/2</i> | <i>9 x 5 1/2</i> |
| " for Propeller | <i>9 x 5 1/2</i> | <i>9 x 5 1/2</i> |
| MAIN PIECE of Rudder, diameter at head | <i>7 1/4</i> | <i>7 1/4</i> |
| do. at heel | <i>5 1/2</i> | <i>5 1/2</i> |

RUDDER, how constructed *Forged post & single plate 20/20*
Can the Rudder be unshipped afloat? *Yes*

KEELSONS AND STRINGERS.

| | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. | Inches in Ship. |
|--|-----------------|-----------------|-----------------|-----------------|-----------------|
| CENTRE LINE KEELSON, Vertical Plate above | 38 | - | 10-8 | 38 | - |
| Through Plate, or Intercoastal Plate | | | | | |
| " Rider Plate | 36 | - | 9 | 36 | - |
| " Bulb Plate to Intercoastal Keelson | | | | | |
| " Horizontal Plates on Floors | | | | | |
| " Angles | | | | | |
| SIDE KEELSON, Angles | 5 1/2 | 4 | 9 | 5 1/2 | 4 |
| " Bulb or Plate above floors for | | | | | |
| " Intercoastal Plate for <i>gull</i> length | | | | | |
| " Attached to outside plating with Angle | 3 1/2 | 3 1/2 | 7 | 3 | 3 |
| BILGE KEELSON, Angles | | | | | |
| " Bulb or Plate above floors for | | | | | |
| " Intercoastal Plate for | | | | | |
| " Attached to outside plating with Angle | | | | | |
| BILGE STRINGER Angles | 5 1/2 | 4 | 9 | 5 1/2 | 4 |
| " Bulb Plate for | | | | | |
| " Intercoastal Plate for | | | | | |
| " Attached to outside plating with Angle | | | | | |
| SIDE STRINGER Angles <i>in E. & B. Space</i> | 3 1/2 | 3 1/2 | 7 | 3 1/2 | 3 1/2 |
| " Bulb or Intercoastal Plate for | 37 | - | 9-8 | 37 | - |
| " Attached to outside plating with Angle | 4 | 4 | 9-8 | 4 | 4 |

| | | | | |
|---|---------------|------|---------------|------|
| Main and Raised Quarter Deck Stringer | 39 | 10-8 | 39 | 10-8 |
| Plate, breadth and thickness | | | | |
| " Angle on ditto | 4 1/2 x 4 1/2 | 9-8 | 4 1/2 x 4 1/2 | 9-8 |
| " Tie Plates, outside Hatchways | | | | |
| " Diagonal Tie Plates on Bms, No. of Pairs | | | | |
| " Main Dk* <i>Iron</i> Steel for <i>gull</i> lng. | | | 7-6 | 7-6 |
| " R. Q. Dk* Iron or Steel for | | | | |
| " Wood Deck, Material & thickness | | | | |
| Lower Deck Stringer Plate, breadth and | 37 | 9-8 | 37 | 9-8 |
| thickness | | | | |
| " Angles on ditto, No. | 4 x 4 | 9-8 | 4 x 4 | 9-8 |
| " Tie Plates, outside Hatchways | 14 | 10-8 | 14 | 10-8 |
| " Deck* Material and thickness <i>White Pine</i> | 6 x 2 1/2 | | 6 x 2 1/2 | |
| Hold Stringer Plate | | | | |
| " Angles on ditto, No. | | | | |
| Poop Deck Stringer Plate, breadth & thickness | 24 | 6 | 24 | 6 |
| " Angle on ditto | 3 x 3 | 7 | 3 x 3 | 7 |
| " Tie Plates | | | | |
| " Deck, Material and thickness | Steel | 6 | Steel | 6 |
| Bridge or Pt. Awng. Deck Stringer Plate, | 30 | 8 | 30 | 8 |
| breadth and thickness | | | | |
| " Angle on ditto | 3 1/2 x 3 1/2 | 7 | 3 1/2 x 3 1/2 | 7 |
| " Tie Plates | | | | |
| " Deck, Material and thickness <i>Pitch Pine</i> | 5 x 3 | | 5 x 3 | |
| Forecastle Deck Stringer Plate, brdth & thcknss | 24 | 6 | 24 | 6 |
| " Angle on ditto | 3 x 3 | 7 | 3 x 3 | 7 |
| " Tie Plates <i>Partially Plated</i> | 12 | 6 | 12 | 6 |
| " Deck, Material and thickness <i>Pitch Pine</i> | 5 x 3 | | 5 x 3 | |

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

| | Number. | Thickness. | Horizontal. | Vertical. | Single or Double Frames. | Height up. |
|---|------------|------------|-------------|---------------|--------------------------|-------------------|
| BULKHEADS. | In Vessel. | Per Rule. | Size. | Spacing. | Size. | Spacing. |
| W.T. BULKHEADS | 4 | 4 | 7-6 | 5 x 3 x 2 1/2 | 48 | 6 1/2 x 3 x 2 1/2 |
| PARTITION | | | | | | |
| LONGITUDINAL | | | | | | |
| Are the outside Plates doubled two spaces of Frames in length? | | | | | | |
| Are the <i>Stitch</i> Valves and Watertight Doors in efficient working order? | | | | | | |

