

Lloyd's Register of British & Foreign Shipping.

FORM OF COMPARISON OF SCANTLINGS OF IRON AND STEEL SHIPS WITH THE RULES OF LLOYD'S REGISTER FOR 1885.

Ship's Name "Edwin Douglas Ex. Killena" Official No. Port of Registry Newcastle.
Builder's Name and No. Smith's D.D. Co. Ltd. When built 1918.

Surveyed afloat, in dry dock, }
Or when building at }
Reconstructing }
Date 14-8-20.

Material if Iron or Steel Steel

Length on Deck, as per Rule 170'-0"

Breadth moulded 29'-10"

Depth moulded 16'-6"

Depth top of floors to upper deck beams 15'-0"

Depth top of floors to main deck beams

Depth top of floors to lower deck beams

ONE, OR TWO DECKED, THREE DECKED, VESSEL,
SPAR, OR AWNING-DECKED VESSEL.

Half Breadth (moulded) 14'-9 1/2"

Depth from upper part of Keel to top of Upper Deck Beams 17'-16 1/2"

Girth of Half Midship Frame (as per Rule) 27.5

1st Number 59-582

1st Number, if a 3-Decked Vessel deduct 7 ft.

Length 170.0

2nd Number 10128.94

Proportions—Breadth to Length 5.69

Depth to Length—Upper Deck to Keel 10.30

Main Deck ditto

* The actual depth to top of beam should be reported without any allowance for a normal round up of beam.

| FRAMING. | SHIP. | | | RULE. | | |
|---|-----------------|--------|----------------|--------|--------|----------------|
| | Inches | Inches | 16ths or 20ths | Inches | Inches | 16ths or 20ths |
| FRAME, Angle, Channel, Zed, Bulb Angle for 1/2 length amidships | 6 | 3 | .42 | | | |
| " Distance of Frames from moulding edge to moulding edge, all fore & aft | 24 | | | | | |
| REVERSED FRAME Angle | 3 1/2 | | | | | |
| REVERSED ANGLES on floors and frames extend | 6 | | | | | |
| DEPTH OF FRAME GIRDER | 18 | | .34 | | | |
| FLOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships | Straight across | | | | | |
| " height extended at the Bilges | | | .34 | | | |
| FLOORS AND BRACKETS in Cell Double Bottoms | 24 | | | | | |
| " Distance apart | 27 | | .34 | | | |
| CENTRE GIRDER, in Double Bottom, depth and thickness | 3 | 3 | .34 | | | |
| " Angles, Top | 9 | | | | | |
| SIDE GIRDERS, number and thickness | 6 | 3 1/2 | .45 | | | |
| " Angles | 4 | 3 | .34 | | | |
| MARGIN PLATE, depth (exclusive of flange) and thickness | 27 | | .34 | | | |
| " Angles | 4 | 3 | .34 | | | |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake | | | .32 | | | |
| " in Engine and Boiler Space | | | 1" | | | |
| " Remainder in Holds | | | | | | |
| BEAMS, Upper Spar and Awning Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars | 6 | 3 1/2 | .32 | | | |
| " Angles on upper edge | 4 | 3 | .26 | | | |
| " Average space | 24 | | | | | |
| BEAMS, Middle Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars | | | | | | |
| " Angles on upper edge | | | | | | |
| " Average space | | | | | | |
| BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars | 4 1/2 | 3 | .34 | | | |
| " Angles on upper edge | | | | | | |
| " Average space | 24 | | | | | |
| BEAMS, Hold, or Orlop, Plate or Tee Bulb, Angles or Channel Bars | | | | | | |
| " Angles on upper edge | | | | | | |
| " Average space | | | | | | |
| BEAMS, Poop and Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb, or Channel Bars | 6 | 3 | .37 | | | |
| " Angles on upper edge | | | | | | |
| " Average space | 48 | | | | | |
| BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb or Channel Bars | | | | | | |
| " Angles on upper edge | | | | | | |
| " Average space | | | | | | |
| PILLARS, Hold, No. of rows and diameter | Brackets | | | | | |
| PILLARS, Deck, No. of rows and diameter | | | | | | |
| " Spacing at middle line | | | at sides | | | |
| " Are heads of pillars attached to fore and aft girders under beams | | | | | | |
| SB-FRAMES, in Machinery Space, No. and spacing | | | | | | |
| " breadth and thickness | | | | | | |
| " No. of Side Stringers | | | | | | |
| SB-FRAMES, in Fore Body, No. and spacing | | | | | | |
| " breadth and thickness | | | | | | |
| " No. of Side Stringers | | | | | | |
| SB-FRAMES, in After Body, No. and spacing | | | | | | |
| " breadth & thickness | | | | | | |
| " No. of Side Stringers | | | | | | |
| " Size of Angles or Tee Bars to Web Frames | | | | | | |
| CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal | 21 1/2 | 4 | .28 | | | |
| " Rider Plate | | | | | | |
| " Bulb Plate to Intercoastal | | | | | | |
| " Horizontal Plates on Floors | | | | | | |
| " Angles, top & bottom | 3 | 3 | .34 | | | |
| SIDE KEELSON, Angles | | | | | | |
| " Bulb or Plate above floors, for length | | | | | | |
| " Intercoastal Plate for length | | | | | | |
| " Attached to outside Plating with Angle | 6 | 3 1/2 | .38 | | | |
| BILGE KEELSON, Angles | | | | | | |
| " Bulb or Plate above floors, for length | | | | | | |
| " Intercoastal Plate for length | | | | | | |
| " Attached to outside Plating with Angle | | | | | | |
| BILGE STRINGER, Angles | | | | | | |
| " Bulb Plate for length | | | | | | |
| " Intercoastal Plate for length | | | | | | |
| " Attached to outside Plating with Angle | | | | | | |
| SIDE STRINGER, Angles | | | | | | |
| " Bulb or Intercoastal Plate for length | | | | | | |
| " Attached to outside Plating with Angle | | | | | | |
| Stringer Plate on ends of Upper Spar or Awning Deck, Beams, breadth and thickness. Doubling Plate | | | | | | |
| " Angle on Stringer | | | | | | |
| " Deck, Iron or Steel for length | | | | | | |
| " Deck Wood, Material and thickness | | | | | | |
| Middle Deck Stringer Plate, breadth and thickness | | | | | | |
| " Deck, Iron or Steel for length | | | | | | |
| " Wood Deck, Material and thickness for length | | | | | | |
| Lower Deck Stringer Plate, breadth and thickness | | | | | | |
| " Deck, Material and thickness for length | | | | | | |
| Hold or Orlop Stringer Plate, breadth and thickness | | | | | | |
| " Deck, Material and thickness for length | | | | | | |
| " Face Plate Face Angles | | | | | | |
| BAR KEEL, depth and thickness | 48 1/2 | | .54 | | | |
| FLAT PLATE KEEL, breadth and thickness | | | | | | |
| " Doubling or inch thickness and length applied | 40 | | | | | |
| PLATES in Garboard Strakes & thickness | A | | | | | |
| " Strake B | 40 | C | .40 | | | |
| " Strake D | 40 | E | | | | |
| " Doubling at Bilge | | F | G | | | |
| " for length | | H | J | | | |
| " | | K | L | | | |
| " | | M | N | | | |
| " | | O | P | | | |
| MAIN SHEERSTRAKE, breadth and thickness | 70 | | .40 | | | |
| " Doubling at Main Sheerstrake for length | | | | | | |
| " Thickness of Side Plating between Main and Upper Sheerstrakes | | | | | | |
| " Doubling of Side Plating for length | | | | | | |
| Upper, Spar or Awning Deck Sheerstrake, breadth and thickness | | | | | | |
| " Doubling of this Sheerstrake for length | | | | | | |
| PLATING at Sides of Poop Forecastle | .26 | | | | | |
| " Bridge | 5 | | | | | |
| BULKHEADS, No. and height up to deck | | | | | | |
| " No. and height up to deck | | | | | | |
| Thickness of Vertical Stiffeners and size | 3 1/2 x 26 | | | | | |
| Are efficient liners fitted to outside Plates | BA 7 3 .35 | | | | | |

N.B.—The printed words which do not apply should be carefully deleted by the Surveyor.

[P.T.O.]

W470-011

RIVETING.

Landings

"
"
"
"
"

D.R.

| | | | | | |
|---|-----|-----|-----|-----|------|
| Butts of Flat Keel Plate ... | ... | ... | ... | ... | T.R. |
| " Garboard Strakes | ... | ... | ... | ... | DR |
| " Bottom Plating | ... | ... | ... | ... | " |
| " Bilge | ... | ... | ... | ... | " |
| " Side | ... | ... | ... | ... | " |
| " Main Sheerstrake | ... | ... | ... | ... | T.R. |
| " Doubling at Main Sheerstrake | ... | ... | ... | ... | |
| " Strake between Main and Upper Sheerstrake | ... | ... | ... | ... | |
| " Doubling to above Strake | ... | ... | ... | ... | |
| " Upper Sheerstrake | ... | ... | ... | ... | |
| " Doubling at Upper Sheerstrake | ... | ... | ... | ... | |
| " Upper Deck Stringer | ... | ... | ... | ... | DR |
| " Doubling to Upper Deck Stringer | ... | ... | ... | ... | |
| " Main Deck Stringer | ... | ... | ... | ... | |

| | | |
|--------------------------|----|----------|
| for $\frac{1}{2}$ length | DR | at ends. |
| for $\frac{1}{2}$ length | | at ends. |
| for " length | | at ends. |
| for " length | | at ends. |
| for " length | | at ends. |
| for $\frac{3}{5}$ length | DR | at ends. |
| for length | | at ends. |
| for length | | at ends. |
| for length | | at ends. |
| for length | | at ends. |
| for $\frac{1}{2}$ length | SR | at ends. |
| for length | | at ends. |
| for length | | at ends. |

GENERAL REMARKS.

State the quality of Workmanship and present condition of Vessel:—

The materials & workmanship are good throughout.
The alterations to this vessel - conversion from Patrol
Gunboat to cargo vessel - are now approaching
completion.

Surveyor's Signature

P. Fitzgerald

NOTE.—Any special feature such as partial Steel or Iron Bulkheads in the 'tween Decks, should be fully reported on and, if necessary, the Surveyor's remarks should be illustrated by sketches.



© 2020

Lloyd's Register
Foundation