

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

# IRON OR STEEL STEAMER.

No. 23648

State if Report is also sent on the Machinery of the Vessel *Yes*  
Date of completion of Report *23<sup>rd</sup> March 1906.*  
Date, First Survey *31<sup>st</sup> Aug 05*

Received at London Office, *11th March 1906*

Port of *Glasgow*  
Last Survey *12<sup>th</sup> March 1906*  
Rig *3 mstd 2<sup>nd</sup> A schooner*

Survey held at *Ayr*  
On the *S.S. "Sheila"*  
TONNAGE under Tonnage Deck... *310.22*  
Do. of Poop *-*  
Do. of Raised Qr. *70.96*  
Do. or Break... *-*  
Do. of Bridge House *14.98*  
Do. of Forecastle *-*  
Do. of Houses on Deck *1.46*  
Do. of excess of Hatchways *3.20*  
Do. above Crown of *22.15*  
Engine Room... *30.74*  
Gross Tonnage *453.71*  
Less Crew Space *44.49*  
Less above Crown of *30.74*  
Engine Room... *-*  
TONNAGE FOR FEES... *378.50*  
Less Engine Room *268.10*  
Less Navigation Spaces *13.32*  
Register Tonnage *127.82*  
as cut on Beam...

ONE OR TWO DECKED VESSEL.  
CLASS *100 A1*

Half Breadth (moulded) *12.75*  
Depth from upper part of Keel to top of Main Deck Bms. *12.79*  
Girth of Half Midship Frame (as per Rule) *23.18*  
1st Number *48.72*  
Length on deck from after part of stem to fore part of stern post *153.94*  
2nd Number *7499*  
Proportions—Breadths to Length *6.03*  
Depths to Length—Main Deck to top of Keel... *12.03*

Master *Alexander Harrigan*  
Year of appointment *(1) As master in service of owner of present vessel: 1906 (2) As master of this vessel: 1906*  
Built at *Ayr*  
When built *1906*. Launched *25<sup>th</sup> Jan 1906*  
By whom built *Ailsa S. B. Co. Ltd*  
Owners *Mrs Gertrude Agnes Smith*  
Managers *H. H. S. Smith & Co*  
(Where necessary to be entered in Reg. Book).  
Residence *81 St George's Place, Glasgow*  
Port belonging to *Ayr*

Destined Voyage *Coasting* If Surveyed while Building, Afloat, or in Dry Dock *While building and afloat.*

LENGTH on Deck as per Rule... *153* Feet. *11* Inches. BREADTH—Moulded... *25* Feet. *6* Inches. DEPTH ACTUAL—Top of Floors to top of Main Deck Beams... *11* Feet. *5* Inches. No. of Decks with Flat laid *1* No. of Tiers of Beams *1*  
Dimensions of Ship per Register, Length, *155.0* breadth, *25.6* depth, *11.2* Moulded Depth, *12* ft. *3* ins. Round of Beam, Actual *6 1/2* ins.

| FRAMING.  |  | Inches in Ship.        | Inches in Ship. | 20ths in Ship. | Inches per Rule Or as Approved. | Inches per Rule Or as Approved. | 20ths per Rule Or as Approved. |
|---|--|------------------------|-----------------|----------------|---------------------------------|---------------------------------|--------------------------------|
| FRAME, Angles, <i>7</i> E or L Bars, for $\frac{1}{2}$ length amidships                   |  | 3                      | 3               | 7              | 3                               | 3                               | 6                              |
| Do. for $\frac{1}{2}$ at each end   |  | 3                      | 3               | 6              | 3                               | 3                               | 5                              |
| Do. in way of Double Bottoms at Solid Floors.   |  |                        |                 |                |                                 |                                 |                                |
| at intermdt. Bkts.  |  |                        |                 |                |                                 |                                 |                                |
| Spacing of Frames from centre to centre   |  | 21                     |                 |                | 21                              |                                 |                                |
| EVERSED FRAME, Angles   |  | 2 1/2                  | 2 1/2           | 6              | 2 1/2                           | 2 1/2                           | 5                              |
| DEEP FRAMING, depth of girder   |  |                        |                 |                |                                 |                                 |                                |
| FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships |  | 16 1/2                 |                 | 6              | 16 1/2                          |                                 | 6                              |
| in way of Engines and Boilers   |  |                        |                 |                |                                 |                                 |                                |
| thickness at the ends of vessel   |  |                        |                 | 5              |                                 |                                 | 5                              |
| depth at $\frac{1}{2}$ the half breadth, as per Rule                                      |  | 9 3/4                  |                 |                | 6 3/4                           |                                 |                                |
| height extended at the Bilges   |  | 27                     |                 |                | 27                              |                                 |                                |
| FLOORS & BRACKETS, in Cell Dble Bottoms   |  |                        |                 |                |                                 |                                 |                                |
| state if flanged (top & bottom)   |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  |                        |                 |                |                                 |                                 |                                |
| CENTRE GIRDER, in Double Bottom, depth and thickness                                      |  |                        |                 |                |                                 |                                 |                                |
| Angles, Top   |  |                        |                 |                |                                 |                                 |                                |
| Bottom  |  |                        |                 |                |                                 |                                 |                                |
| DE GIRDERS, number on each side & thickness state if flanged (top & bottom)               |  |                        |                 |                |                                 |                                 |                                |
| Angles  |  |                        |                 |                |                                 |                                 |                                |
| MARGIN PLATE, depth (exclusive of flange) and thickness                                   |  |                        |                 |                |                                 |                                 |                                |
| Angles to Outside Plating   |  |                        |                 |                |                                 |                                 |                                |
| Floors  |  |                        |                 |                |                                 |                                 |                                |
| Height of Floors at the Bilges  |  |                        |                 |                |                                 |                                 |                                |
| INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake                         |  |                        |                 |                |                                 |                                 |                                |
| thickness in Engine and Boiler space  |  |                        |                 |                |                                 |                                 |                                |
| Remainder in Holds  |  |                        |                 |                |                                 |                                 |                                |
| RAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb           |  | 5                      | 3               | 6              | 5                               | 3                               | 6                              |
| Angles on Upper Edge  |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  | 21                     |                 |                | 21                              |                                 |                                |
| RAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb                             |  |                        |                 |                |                                 |                                 |                                |
| Angles on Upper Edge  |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  |                        |                 |                |                                 |                                 |                                |
| RAMS, Hold, Plate or Tee Bulb   |  |                        |                 |                |                                 |                                 |                                |
| Angles on Upper Edge  |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  |                        |                 |                |                                 |                                 |                                |
| RAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb                                     |  |                        |                 |                |                                 |                                 |                                |
| Angles on Upper Edge  |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  |                        |                 |                |                                 |                                 |                                |
| RAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb                      |  | 4 1/2                  | 3               | 7              | 4 1/2                           | 3                               | 7                              |
| Angles on Upper Edge  |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  | 42                     |                 |                | 42                              |                                 |                                |
| RAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb                               |  | 5                      | 3               | 7              | 5                               | 3                               | 7                              |
| Angles on Upper Edge  |  |                        |                 |                |                                 |                                 |                                |
| Spacing   |  | 42                     |                 |                | 42                              |                                 |                                |
| RAMS, In 'tween Decks, Size and Spacing   |  | 2 1/4 dia              | 42              | 2 1/4 dia      | 42                              |                                 |                                |
| Hold  |  | 2 1/2 dia              | 3 1/2           | 2 1/2 dia      | 3 1/2                           |                                 |                                |
| 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   |  | 2 spaced as on profile |                 |                |                                 |                                 |                                |
| Brdth & Thickness   |  | 15                     | 6               | 15             | 6                               |                                 |                                |
| WEB FRAMES, In After Body, No. and Spacing  |  | 2 spaced as on profile |                 |                |                                 |                                 |                                |
| Brdth & Thickness   |  | 15                     | 6               | 15             | 6                               |                                 |                                |
| No. of Side Stringers   |  | 2 see opposite         |                 |                |                                 |                                 |                                |
| Size of Angles or Tee Bars to Web Frames  |  | 4                      | 3               | 7              | 4                               | 3                               | 7                              |
| BRACKET PLATES to Stringers between Web Frames, Depth and Thickness                       |  |                        |                 |                |                                 |                                 |                                |

| FORGINGS AND CASTINGS.   |           | Inches in Ship. | Inches per Rule Or as Approved. | Inches in Ship. | Inches per Rule Or as Approved. | 20ths per Rule Or as Approved. |
|--|-----------|-----------------|---------------------------------|-----------------|---------------------------------|--------------------------------|
| KEEL, Bar or Side Plates depth and thickness   |           | 7 x 1 5/8       | 7 x 1 5/8                       |                 |                                 |                                |
| STEM, moulding and thickness   |           | 7 x 1 5/8       | 6 1/4 x 1 5/8                   |                 |                                 |                                |
| STERN-POST for Rudder do. do.  |           | 6 1/2 x 3 1/4   | 6 1/2 x 3 1/4                   |                 |                                 |                                |
| for Propeller  |           | 6 1/2 x 3 1/4   | 6 1/2 x 3 1/4                   |                 |                                 |                                |
| MAIN PIECE of Rudder, diameter at head   |           | 4 1/2           | 4 1/4                           |                 |                                 |                                |
| do. at heel  |           | 3 1/2           | 3 1/4                           |                 |                                 |                                |
| RUDDER, how constructed <i>With forged frame and single plate 1 1/2</i>  |           |                 |                                 |                 |                                 |                                |
| Can the Rudder be unshipped afloat? <i>Yes.</i>  |           |                 |                                 |                 |                                 |                                |
| KEELSONS AND STRINGERS.  |           | Inches in Ship. | Inches in Ship.                 | 20ths in Ship.  | Inches per Rule Or as Approved. | 20ths per Rule Or as Approved. |
| CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate   |           | 11              |                                 | 9               | 11                              | 9                              |
| Rider Plate  |           | 7 1/2           |                                 | 9               | 7 1/2                           | 9                              |
| Bulb Plate to Intercoastal Keelson   |           |                 |                                 |                 |                                 |                                |
| Horizontal Plates on Floors  |           |                 |                                 |                 |                                 |                                |
| Angles   |           | 3 1/2           | 3                               | 6               | 3 1/2                           | 3                              |
| SIDE KEELSON, Angles   |           | 3               | 3                               | 6               | 3                               | 6                              |
| Bulb or Plate above floors for lng.  |           |                 |                                 |                 |                                 |                                |
| Intercoastal Plate for as far forward  |           |                 |                                 | 6               |                                 | 6                              |
| Attached to outside plating with Angle   |           | 2 1/2           | 2 1/2                           | 6               | 2 1/2                           | 6                              |
| BILGE KEELSON, Angles <i>bulb and angle</i>  |           | 6               | 3                               | 8               | 6                               | 8                              |
| Bulb or Plate above floors for lng.  |           | 3 1/2           | 3                               | 6               | 3 1/2                           | 6                              |
| Intercoastal Plate for length  |           |                 |                                 |                 |                                 |                                |
| Attached to outside plating with Angle   |           |                 |                                 |                 |                                 |                                |
| BILGE STRINGER Angles  |           | 6               | 3                               | 9               | 6                               | 9                              |
| Bulb Plate for length  |           |                 |                                 |                 |                                 |                                |
| Intercoastal Plate for length  |           |                 |                                 |                 |                                 |                                |
| Attached to outside plating with Angle   |           |                 |                                 |                 |                                 |                                |
| SIDE STRINGER Angles <i>in way of main dk.</i>   |           | 6               | 3                               | 9               | 6                               | 9                              |
| Bulb or Intercoastal Plate for lng.  |           |                 |                                 |                 |                                 |                                |
| Attached to outside plating with Angle   |           |                 |                                 |                 |                                 |                                |
| Main and Raised Quarter Deck Stringer Plate, breadth and thickness   |           | 11 x 60         | 8 1/2                           |                 |                                 |                                |
| Angle on ditto   |           | 3               | 3                               | 7               | 3                               | 7                              |
| Tie Plates, outside Hatchways  |           |                 |                                 |                 |                                 |                                |
| Diagonal Tie Plates on Bms., No. of Pairs  |           |                 |                                 |                 |                                 |                                |
| Main Dk* Iron or Steel for whole lng.  |           |                 | 665                             |                 | 665                             |                                |
| R. Q. Dk* Iron or Steel for whole lng.   |           |                 | 865                             |                 | 865                             |                                |
| Wood Deck, Material & thickness <i>The fore and after ends of dk sheathed with 2 1/2 for 24 3 1/2 aft, butel pine as shown on appd plan.</i> |           |                 |                                 |                 |                                 |                                |
| Lower Deck Stringer Plate, breadth and thickness   |           |                 |                                 |                 |                                 |                                |
| Angles on ditto, No.   |           |                 |                                 |                 |                                 |                                |
| Tie Plates, outside Hatchways  |           |                 |                                 |                 |                                 |                                |
| Deck* Material and thickness   |           |                 |                                 |                 |                                 |                                |
| HOLD STRINGER Plate  |           |                 |                                 |                 |                                 |                                |
| Angles on ditto, No.   |           |                 |                                 |                 |                                 |                                |
| POOP DECK STRINGER Plate, breadth & thickness  |           |                 |                                 |                 |                                 |                                |
| Angle on ditto   |           |                 |                                 |                 |                                 |                                |
| Tie Plates   |           |                 |                                 |                 |                                 |                                |
| Deck, Material and thickness   |           |                 |                                 |                 |                                 |                                |
| BRIDGE OR PT. AWNG. DECK STRINGER Plate, breadth and thickness   |           | 20              | 5                               | 20              | 5                               |                                |
| Angle on ditto   |           | 2 1/2           | 2 1/2                           | 5               | 2 1/2                           | 5                              |
| Tie Plates   |           | 5 1/2           | 9                               | 5               | 5 1/2                           | 9                              |
| Deck, Material and thickness   |           | 2 5/8 P. Pine   |                                 | 2 5/8           |                                 |                                |
| Forecastle Deck Stringer Plate, brdth & thcknss  |           | 20              | 5                               | 20              | 5                               |                                |
| Angle on ditto   |           | 2 1/2           | 2 1/2                           | 5               | 2 1/2                           | 5                              |
| Tie Plates <i>60 x 4 1/2 on Centre</i>   |           | 12              | 6                               | 12              | 6                               |                                |
| Deck, Material and thickness <i>Pine 2 5/8 part 3.</i>   |           |                 |                                 | 2 5/8           |                                 |                                |
| * If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.   |           |                 |                                 |                 |                                 |                                |
| BULKHEADS.   |           | Number.         | Thickness.                      | Horizontal.     | Vertical.                       | Single or Double Frames.       |
| In Vessel.   | Per Rule. |                 |                                 | Size.           | Spacing.                        | Height up.                     |
| W.T. BULKHEADS   | 3         | 3               | 5                               | 7 1/2 x 3 1/2   | 48                              | 30 Double 2 R.R.D.             |
| PARTITION  |           |                 |                                 | 6 x 3 1/2       |                                 |                                |
| LONGITUDINAL   |           |                 |                                 |                 |                                 |                                |
| Are the outside Plates doubled two spaces of Frames in length? <i>Nearly so, diamond shape</i>   |           |                 |                                 |                 |                                 |                                |
| Are the Sluice Valves and Watertight Doors in efficient working order?   |           |                 |                                 |                 |                                 |                                |



