

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

IRON OR STEEL STEAMER.

No. 22127

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

Date of completion of Report 25th January 1905

Date, First Survey 4th May 1904

Received at London Office 20 JAN 1905

Port of Sunderland

Last Survey 23rd January 1905

Rig Fore & aft schooner.

Master H.F.W. Rasmussen

Year of appointment (1) As master in service of owner of present vessel: 1881 (2) As master of this vessel: 1905

Built at Sunderland

When built 1905 Launched 25th Nov. 1904

By whom built The Sunderland S.B. Co. Ltd.

Owners Thos. Bell, Esq.

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

Residence Newcastle on Tyne

Port belonging to Newcastle on Tyne

If Surveyed while Building, Afloat, or in Dry Dock Building & Afloat.

Survey held at Sunderland

On the steel screw steamer SWEETHOPE

TONNAGE under 2512.61

Tonnage Deck... 82.94

Do. of Poop 36.62

Do. of Raised Qr. 36.64

Dk. or Break... 22.12

Do. of Bridge House 24.21

Do. of Forecastle 24.21

Do. of excess of Hatchways 24.21

Do. above Crown of 24.21

Engine Room... 24.21

Gross Tonnage 2415.14

Less Crew Space 24.21

Less above Crown of 24.21

Engine Room... 24.21

Navigation Spaces 53.95

Net Tonnage 1404.88

out-on Beam...

ONE OR TWO DECKED VESSEL.

CLASS 100 A1

FEET.

Half Breadth (moulded) 23.125

Depth from upper part of Keel to top of Main Deck Bms. 23.979

(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) 42.846

1st Number 89.95

Length on deck from after part of stem to fore part of stern post 311.25

2nd Number 27998

Proportions—Breadths to Length 6.73

Depths to Length—Main Deck to top of Keel 12.995

Destined Voyage River Plate

LENGTH on Deck as per Rule 311 Feet. 3 Inches. BREADTH—Moulded 46 Feet. 3 Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams 20 Feet. 7 3/4 Inches. No. of Decks with Flat laid one. No. of Tiers of Beams one.

Dimensions of Ship per Register, Length, 314' breadth, 46.5' depth, 20.6' Moulded Depth, 23 ft. 0 1/2 ins. Round of Beam, Actual 11 1/4 ins.

FRAMING. Inches in Ship. Inches in Ship. 20ths per Rule Or 3. Inches per Rule Or 3. Inches per Rule Or 3. Inches per Rule Or 3. FORGINGS AND CASTINGS. Inches in Ship. Inches per Rule Or as Approved.

NAME, Angles, Bars, for 3 length amidships 9 1/2 3 1/2 10 9 1/2 3 1/2 10 Do. for 1/2 at each end 9 3 1/2 10 9 1/2 3 1/2 9 Do. in way of Double Bottoms at Solid Floors 3 1/2 3 1/2 8 1/2 3 1/2 3 1/2 8 1/2 at intermdt. Bkts. 24 24 24 24 24 24 24 24

acing " Frames from centre to centre 24 24 24 24 24 24 24 24

EVERSED FRAME, Angles inside tank 3 1/2 3 1/2 8 3 1/2 3 1/2 8

EEP FRAMING, depth of girder Bull angle framing 3 1/2 3 1/2 8 3 1/2 3 1/2 8

LOORS, depth and thickness of Floor Plate at mid line for 3 length amidships 78 78 78 78 78 78 78 78

" in way of Engines and Boilers in tank 78 78 78 78 78 78 78 78

" thickness at the ends of vessel 78 78 78 78 78 78 78 78

" depth at 1/2 the half breadth, as per Rule 78 78 78 78 78 78 78 78

" height extended at the Bilges 65 65 65 65 65 65 65 65

LOORS & BRACKETS, in Cell Dble Bottoms 40 40 40 40 40 40 40 40

" state if flanged (top & bottom) no flanging 7 7 7 7 7 7 7 7

" Spacing 24 24 24 24 24 24 24 24

ENTRE GIRDER, in Double Bottom, depth 40 40 40 40 40 40 40 40

" and thickness 4 4 9 4 4 9 4 4

" Angles, Top 6 4 9 6 4 9 6 4

" Bottom 6 4 9 6 4 9 6 4

IDE GIRDERS, number on each side & thickness one 7 one 7

" state if flanged (top & bottom) no flanging 3 1/2 3 1/2 7 3 1/2 3 1/2 7

" Angles 3 1/2 3 1/2 7 3 1/2 3 1/2 7

MARGIN PLATE, depth (exclusive of flange) 3 1/2 3 1/2 9 3 1/2 3 1/2 9

" and thickness 3 1/2 3 1/2 8 3 1/2 3 1/2 8

" Angles to Outside Plating 3 1/2 3 1/2 7 3 1/2 3 1/2 7

" Floors 65 65 65 65 65 65 65 65

" Height of Floors at the Bilges 46 46 36 46 46 36 46 46

INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake 59 59 11 59 59 11 59 59

" thickness in Engine and Boiler space 8 1/2 8 1/2 11 8 1/2 8 1/2 11

" Remainder in Holds 24 24 24 24 24 24 24 24

BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 9 9 12 9 9 12 9 9

" Angles on Upper Edge in way of Bridge 24 24 24 24 24 24 24 24

" Spacing 24 24 24 24 24 24 24 24

BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb 7 7 9 7 7 9 7 7

" Angles on Upper Edge 11 11 14 11 11 14 11 11

" Spacing 24 24 24 24 24 24 24 24

BEAMS, Hold, Plate or Tee Bulb 9 9 13 9 9 13 9 9

" Angles on Upper Edge 48 48 48 48 48 48 48 48

" Spacing 23 23 48 23 23 48 23 23

BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb 7 7 3 7 7 3 7 7

" Angle on Upper Edge 3 3 8 3 3 8 3 3

" Spacing 48 48 48 48 48 48 48 48

BEAMS, Bridge on Pt. Awng. Deck, Angle, Bulb Angle, Plate or Tee Bulb 7 7 3 7 7 3 7 7

" Angle on Upper Edge 11 11 14 11 11 14 11 11

" Spacing 24 24 24 24 24 24 24 24

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb 9 9 13 9 9 13 9 9

" Angles on Upper Edge 48 48 48 48 48 48 48 48

" Spacing 23 23 48 23 23 48 23 23

PILLARS, In 'tween Decks, Size and Spacing 48 48 48 48 48 48 48 48

" Hold 48 48 48 48 48 48 48 48

" Quarter, 'tween Dks., 48 48 48 48 48 48 48 48

" in Hold 48 48 48 48 48 48 48 48

WEB FRAMES, In Fore Body, No. and Spacing 24 24 24 24 24 24 24 24

" No. of Side Stringers 24 24 24 24 24 24 24 24

WEB FRAMES, In E. & B. Space, No. & Spacing 24 24 24 24 24 24 24 24

" Brdth. & Thickness 24 24 24 24 24 24 24 24

WEB FRAMES, In After Body, No. and Spacing 24 24 24 24 24 24 24 24

" Brdth. & Thickness 24 24 24 24 24 24 24 24

" No. of Side Stringers 24 24 24 24 24 24 24 24

" Size of Angle or Tee Base to Web Frames 6 6 4 6 6 4 6 6

BRACKET PLATES to Stringers between Web Frames, Depth and Thickness 6 6 4 6 6 4 6 6

HEEL, Bar or Side Plates depth and thickness 10 1/2 x 2 3/4 10 1/2 x 2 3/4

STEM, moulding and thickness 11 x 6 11 x 6

STERN-POST for Rudder do. do. 11 x 6 11 x 6

" for Propeller 11 x 6 11 x 6

MAIN PIECE of Rudder, diameter at head 8 1/2 8 1/2

do. at heel 6 6

RUDDER, how constructed Forged frame. Single plate 20 x 20

Can the Rudder be unshipped afloat? Yes.

KEELSONS AND STRINGERS. Inches in Ship. Inches in Ship. 20ths per Rule Or 3. Inches per Rule Or 3. Inches per Rule Or 3. Inches per Rule Or 3.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercostal Plate 6 4 12 11 6 4 12 11

" Rider Plate 6 4 12 11 6 4 12 11

" Bulb Plate to Intercostal Keelson 6 4 12 11 6 4 12 11

" Horizontal Plates on Floors 6 4 12 11 6 4 12 11

" Angles 6 4 12 11 6 4 12 11

SIDE KEELSON, Angles 6 4 12 11 6 4 12 11

" Bulb or Plate above floors for lng. 6 4 12 11 6 4 12 11

" Intercostal Plate for length 6 4 12 11 6 4 12 11

" Attached to outside plating with Angle 6 4 12 11 6 4 12 11

BILGE KEELSON, Angles 6 4 12 11 6 4 12 11

" Bulb or Plate above floors for lng. 6 4 12 11 6 4 12 11

" Intercostal Plate for length 6 4 12 11 6 4 12 11

" Attached to outside plating with Angle 6 4 12 11 6 4 12 11

BILGE STRINGER Angle 6 4 12 11 6 4 12 11

" Bulb Plate for length 6 4 12 11 6 4 12 11

" Intercostal Plate for full length 13 1/2 8 7 13 1/2 8 7

" Attached to outside plating with Angle 3 1/2 3 1/2 8 7 3 1/2 3 1/2 8 7

SIDE STRINGER Angle 6 4 12 11 6 4 12 11

" Bulb or Intercostal Plate for full lng. 13 1/2 8 7 13 1/2 8 7

" Attached to outside plating with Angle 3 1/2 3 1/2 8 7 3 1/2 3 1/2 8 7

Main and Raised Quarter Deck Stringer Plate, breadth and thickness 46 46 37 46 46 37 46 46

" Angle on ditto 42 42 42 42 42 42 42 42

" Tie Plates fore & aft, outside Hatchways 4 x 4 9 8 4 x 4 9 8

" Diagonal Tie Plates on Bms, No. of Pairs 2 2 2 2 2 2 2 2

" Main Dk* Iron & Steel for lng. 7 6 7 6

" R.O. Dk* Iron or Steel for lng. 7 6 7 6

" Wood Deck, Material & thickness Iron where exposed 7 6 Iron where exposed 7 6

Lower Deck Stringer Plate, breadth and thickness 40 40 36 40 40 36 40 40

" Angles on ditto, No. 6 6 27 3/4 6 6 27 3/4

" Tie Plates, outside Hatchways 5 x 3 5 x 3 5 x 3 5 x 3

" Deck* Material and thickness Yellow pine 5 x 3 5 x 3 5 x 3 5 x 3

Bridge on Pt. Awng. Deck Stringer Plate, breadth and thickness 40 40 10 40 40 10 40 40

" Angle on ditto 4 x 4 9 4 x 4 9

" Tie Plates Complete Steel 6 6 27 3/4 6 6 27 3/4

" Deck, Material and thickness 34 34 6 34 34 6 34 34

Forecastle Deck Stringer Plate, brdth & thcknss 34 34 6 34 34 6 34 34

" Angle on ditto 3 x 3 7 3 x 3 7

" Tie Plates 6 x 2 1/2 6 x 2 1/2 6 x 2 1/2 6 x 2 1/2

" Deck, Material and thickness 6 x 2 1/2 6 x 2 1/2 6 x 2 1/2 6 x 2 1/2

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

BULKHEADS. Number. In Vessel. Per Rule. Thickness. Horizontal. Vertical. Single or Double Frames. Height up.

W.T. BULKHEADS 5 5 7 5 5 7 5 5

PARTITION 1 1 1 1 1 1 1 1

LONGITUDINAL,, 6 6 4 6 6 4 6 6

Are the outside Plates doubled two spaces of Frames in length? Nearly two spaces

Are the Stave Valves and Watertight Doors in efficient working order? Yes.

