

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

IRON OR STEEL STEAMER.

No. 20317.

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

Date of completion of Report *25th June 1902*

Received at London Office

Date, First Survey *9th April 1901*

Port of *Glasgow*

Last Survey *12th June 1902*

1902

Rig *One Mast*

Survey held at *Newfrew*

On the *Twin Screw Hopper Barge "Grampus"*

ONE OR TWO DECKED VESSEL.

CLASS *A.1. Steel*
Hopper barge

FEET.

Half Breadth (moulded) *18.25*

Depth from upper part of Keel to top of Main Deck Bms. *16.37*
(with the normal round up of beam)

Girth of Half Midship Frame (as per Rule) *32.33*

1st Number *66.95*

Length on deck from after part of stem to fore part of stern post *215*

2nd Number *14394*

Proportions—Breadths to Length *5.89*

Depths to Length—Main Deck to top of Keel *13.13*

Destined Voyage *Durban*

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

Master

Year of appointment *(1) As master in service of owner of present vessel: 19
(2) As master of this vessel: 19*

Built at *Newfrew*

When built *1901/1902* Launched *4th June 1902*

By whom built *W. Simons & Co.*

Owners *Natal Government*

Managers

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

Residence *Durban*

Port belonging to *Port Natal*

TONNAGE under

Tonnage Deck *923.75*

Do. of Poop Forecastle *22.78*

Do. of Raised Qr. *32.10*

Do. of Break. *23.84*

Do. of Bridge House *11.09*

Do. of Houses on Deck *15.17*

Do. of excess of Hatchways *1028.73*

Do. above Crown of *47.55*

Engine Room *981.18*

Gross Tonnage *368.62*

Less Crew Space *9.13*

Less above Crown of *603.43*

Engine Room

Navigation Spaces

Register Tonnage

as entered on Beam

Length on Deck as

per Rule

Feet. *215*

Inches. *0*

BREADTH—

Moulded

Feet. *36*

Inches. *6*

DEPTH, ACTUAL—

Top of Floors to top of Main Deck Beams

Feet. *14*

Inches. *9*

No. of Decks with Flap laid *one*

No. of Tiers of Beams *one*

Dimensions of Ship per Register, Length, *218.2* breadth, *36.6* depth, *14.9* Moulded Depth, *15* ft. *7 1/2* ins. Round of Beam, Actual *9* ins.

FRAMING.

LANE, Angles, *2* or *3* Bars, for $\frac{1}{2}$ length amidships

Do. for $\frac{1}{4}$ at each end

Do. in way of Double Bottoms at Solid Floors.

Do. at intermdt. Bkts.

Joining of Frames from centre to centre

VERSED FRAME, Angles

DEP FRAMING, depth of girder

FLOORS, depth and thickness of Floor Plate

Do. at mid-line for $\frac{1}{2}$ length amidships

Do. in way of Engines and Boilers

Do. thickness at the ends of vessel

Do. depth at $\frac{1}{2}$ the half breadth, as per Rule

Do. height extended at the Bilges

DOORS & BRACKETS, in Cell Dble Bottoms

Do. state if flanged (top & bottom)

Do. Spacing

INTER GIRDERS, in Double Bottom, depth

Do. and thickness

Do. Angles, Top

Do. Angles, Bottom

DECK GIRDERS, number on each side & thickness

Do. state if flanged (top & bottom)

Do. Angles

DECK PLATE, depth (exclusive of flange)

Do. and thickness

Do. Angles to Outside Plating

Do. Floors

Do. Height of Floors at the Bilges

DECK BOTTOM PLATING, breadth and thickness of Middle Line Strake

Do. thickness in Engine and Boiler space

Do. Remainder in Holds

MS, Main and Raised Quarter Deck

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Do. Spacing

MS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Do. Spacing

MS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Do. Spacing

MS, Poop Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on Upper Edge

Do. Spacing

MS, Bridge or Pt. Awng. Deck, Angle,

Bulb Angle Plate, or Tee Bulb

Angles on Upper Edge

Do. Spacing

MS, Forecastle Deck, Angle, Bulb Angle,

Plate or Tee Bulb

Angles on Upper Edge

Do. Spacing

MS, In 'tween Decks, Size and Spacing

Do. Hold

Do. Quarter, 'tween Dks.,

Do. in Hold

WEB FRAMES, In Fore Body, No. and Spacing

Do. Brdth. & Thickness

Do. No. of Side Stringers

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

Do. Brdth. & Thickness

WEB FRAMES, In After Body, No. and Spacing

Do. Brdth. & Thickness

Do. No. of Side Stringers

Do. Size of Angles or Tee Bars to Web Frames

BRACKET PLATES to Stringers between

Web Frames, Depth and Thickness

FORGINGS AND CASTINGS.

KEEL, Bar or Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

Do. for Propeller

MAIN PIECE of Rudder, diameter at head

Do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

Floors, Through Plate, or Intercoastal Plate

Do. Rider Plate

Do. Bulb Plate to Intercoastal Keelson

Do. Horizontal Plates on Floors

Do. Angles

SIDE KEELSON, Angles

Do. Bulb or Plate above floors for

Do. Intercoastal Plate for

Do. Attached to outside plating with Angle

BILGE KEELSON, Angles

Do. Bulb or Plate above floors for

Do. Intercoastal Plate for

Do. Attached to outside plating with Angle

BILGE STRINGER Angles

Do. Bulb Plate

Do. Intercoastal Plate for

Do. Attached to outside plating with Angle

SIDE STRINGER Angles

Do. Bulb or Intercoastal Plate for

Do. Attached to outside plating with Angle

Main and Raised Quarter Deck Stringer

Plate, breadth and thickness

Do. Angle on ditto

Do. Tie Plates, outside Hatchways

Do. Diagonal Tie Plates on Bms., No. of Pairs

Do. Main Dk. Steel for

Do. R. Q. Dk. Steel for

Do. Wood Deck, Material & thickness

Lower Deck Stringer Plate, breadth and thickness

Do. Angles on ditto, No.

Do. Tie Plates, outside Hatchways

Do. Deck Material and thickness

Hold Stringer Plate

Do. Angles on ditto, No.

Poop Deck Stringer Plate, breadth & thickness

Do. Angle on ditto

Do. Tie Plates

Do. Deck, Material and thickness

Bridge or Pt. Awning Deck Stringer Plate,

breadth and thickness

Do. Angle on ditto

Do. Tie Plates

Do. Deck, Material and thickness

Forecastle Deck Stringer Plate, brdth & thcknss

Do. Angle on ditto

Do. Tie Plates

Do. Deck, Material and thickness

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

BULKHEADS.

W.T. BULKHEADS

PARTITION

LONGITUDINAL

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

Are the Sluice Valves and Watertight Doors in efficient working order?

STIFFENERS.

Horizontal.

Vertical.

Single or Double Frames.

Height up.

Size.

Spacing.

Size.

Spacing.

Size.

Spacing.

Size.

Spacing.

