

1 or 2 Decks.

## IRON OR STEEL STEAMER.

Received at London Office NOV. 16 1891

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

Date of completion of Report 11 November

Port of Newcastle

No. 2656 Survey held at Newcastle

Date, First Survey 28 May/91

Last Survey 9 June

1891

On the S.S. "Minister Jak van Poortvliet"

Rig Schooner

TONNAGE under Tonnage Deck... 632.95

ONE OR TWO DECKED VESSEL.

Master *Adolph Wilhelm Carl Eduard Overlack*

Do. of Poop 55.59

CLASS 100 AT

FEET.

Year of appointment (1) As master in service of owner of present vessel: 1885 (2) As master of this vessel: 1891

Do. of Raised Qr. 15.21

Half Breadth (moulded) 14.50

Built at Newcastle

Do. of Houses on Deck 14.46

Depth from upper part of Keel to top of Main Deck Bms. 17.60

When built 1891 Launched 30 Sept. 1891

Do. of excess of Hatchways 12.81

Girth of Half Midship Frame (as per Rule) 28.37

By whom built *Mr. Dobson & Co.*

Do. of Forecastle 28.55

1st Number 60.47

Owners *Zeeland S.S. Co.*

Do. above Crown of Engine Room 34.38

Length 204.0

Managers

Gross Tonnage 764.57

2nd Number 12385

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

Less Crew Space 332.62

Proportions—Breadths to Length 7

Residence *Flushing*

Less above Crown of Engine Room 330.19

Depths to Length—Main Deck to top of Keel 11.6

Port belonging to *Flushing*

TONNAGE FOR FEES 381

Destined Voyage

If Surveyed while Building/Afloat, or in Dry Dock

Less Engine Room 332.62

Less Navigation Spaces 16.41

Register Tonnage as cut on Beam 281.16

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
as per Rule	204		Moulded	29		Top of Floors to Main Deck	14	9 1/4	Engines	130	No. of Tiers of Beams 2 3

Dimensions of Ship per Register, Length 205.7 breadth 29.2 depth 14.5.

Moulded Depth, ft. 17 ins. 0 Round of Beam 7 1/4 inches.

## FORGINGS AND CASTINGS.

KEEL, *Upper* Side Plates depth and thickness

STEM, moulding and thickness

STERN-POST for Rudder do. do.

for Propeller

MAIN PIECE of Rudder diameter at head

do. at heel

RUDDER, how constructed

Can the Rudder be unshipped afloat?

## FRAMING.

RAME, Angles, or Bars, for 1/2 length amidships

Do for 1/2 at each end

E way of Double Bottoms

Distance of Frames from moulding edge to

moulding edge, all fore and aft

RAISED FRAME, Angles

FLOORS, depth and thickness of Floor Plate

at mid-line for 1/2 length amidships

in way of Engines and Boilers

thickness at the ends of vessel

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

height extended at the Bilges

FLOORS &amp; BRACKETS, in Cell Dble Bottoms

Distance apart

STRE GIRDER, in Double Bottom, depth

and thickness

Angles, Top 3 1/2 x 3 1/2 x 7/8 Bottom

E GIRDERS, number and thickness

Angles

BIGIN PLATE, depth (exclusive of flange)

and thickness

Angles

INNER BOTTOM PLATING, breadth and

thickness of Middle Line Strake

thickness in Engine and Boiler space

Remainder in Holds

AMS, Main and Raised Quarter Deck,

Single Angle, Bulb Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

AMS, Lower Deck, Single Angle, Bulb

Angle, Plate or Tee Bulb

Angles on Upper Edge

Average space

AMS, Hold, Plate or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Poop Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Bridge Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on Upper Edge

Average space

BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate

or Tee Bulb

Angles on Upper Edge

Average space

PILLARS, in 'tween Decks, Size and Spacing

Hold

B FRAMES, in Fore Body, No. and Spacing

Brth. &amp; Thickness

No. of Side Stringers

B FRAMES, in After Body, No. and Spacing

Brth. &amp; Thickness

No. of Side Stringers

Size of Angles or Tee Bars to Web Frames

ET PLATES to Stringers between

frames, Depth and Thickness

## KEELSONS AND STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above

Rider Plate (under bilge only)

Bulb Plate to Intercoastal Keelson

Horizontal Plates on Floors

Angles

SIDE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE KEELSON, Angles

Bulb or Plate above floors for

Intercoastal Plate for

Attached to outside plating with Angle

BILGE STRINGER Angles

Bulb Plate for

Intercoastal Plate for

Attached to outside plating with Angle

SIDE STRINGER Angles

Bulb or Intercoastal Plate for

Main and Raised Quarter Deck Stringer

Plate, on ends of Beams, breadth &amp; thkness

Angle on ditto

Tie Plates fore &amp; aft, outside Hatchway

Diagonal Tie Plates on Bms., No. of Pairs

Flat of Dk\* Iron or Steel for

Wood Material &amp; thickness

How fastened to Beams

Lower Deck Stringer Plate, on ends of

Beams, breadth and thickness

Angles on ditto, No.

Tie Plates, outside Hatchways

Flat of Deck\* Material and thickness

How fastened to Beams

Hold Stringer Plate, on ends of Beams

Angles on ditto, No.

Poop Deck Stringer Plate, breadth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Bridge Deck Stringer Plate, brth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

Forecastle Deck Stringer Plate, brth &amp; thickness

Angle on ditto

Tie Plates

Flat of Deck, Material and thickness

## PLATING.

FLAT PLATE KEEL, breadth and thickness

d'bling or incr'd thkness, &amp; lngth appl.

PLATES in Garboard Strakes, brd'th &amp; thickness

From Garboard to lower part of Bilges

Bilges, number of Strakes and thickness

Of doubling at Bilge, or increased thickness,

and length applied

from up. part of Bilge to lr. edge of Sh'rstrake

Sheerstrake, breadth and thickness

Of d'bling at Sh'stk. &amp; lng. applied

Poop Sides

Raised Quarter Deck Sides

Bridge Sides

Forecastle Sides

Lengths of Plating



Form No. 1 A.

**BULKHEADS.** No. in Vessel **5** No. Reqd. by Rule **4**

Ceiling betwixt Decks, thickness and material **Pin 2**  
 " in hold do. do. **2 1/2**

Number of Breasthooks **4**  
 " Crutches **2 at transom**

The **FRAMES** extend in one length from **Plating plates to gunwale**  
 The **REVERSED ANGLE** on floors and frames extend from **centre line to hold beam stringer & to upper deck alternately**

**RIVETING OF EDGES AND BUTTS OF SHELL PLATING AND BUTTS OF STRINGER PLATES, TIE PLATES, KEELSONS, &c.**  
**Garboard**, double riveted to Bar Keel or Plate Keel, with rivets **1 1/4** in. diameter, averaging **5 1/2** ins. from centre to centre.  
**Edges of Garboards** and to upper part of Bilge, worked clench, double riveted; with rivets **3/4** in. diameter, averaging **1 1/2** ins. from centre to centre.  
**Butts from Keel to turn of Bilge**, worked carvel, treble or double riveted; treble for **1/2** length; with rivets **3/4** in. dia., averaging **2 1/2** ins. from cr. to cr.  
 " " " overlapped for **1/2** length, treble riveted for **1/2** length; with rivets **3/4** in. dia., averaging **2 1/2** ins. from cr. to cr.  
**Butts of 2 Strakes at Bilge** for **1/2** length, treble riveted with Butt Straps **2 1/2** thicker than the plates they connect.  
**Edges from Bilge to Sheerstrake**, worked clench, double or triple riveted; with rivets **3/4** in. diameter, averaging **3 1/2** ins. from centre to centre.  
**Butts from Bilge to Sheerstrake**, worked carvel, treble or double riveted; treble for **1/2** length; with rivets **3/4** in. dia., averaging **2 1/2** ins. from cr. to cr.  
 " " " overlapped for **1/2** length, treble riveted for **1/2** length; with rivets **3/4** in. dia., averaging **2 1/2** ins. from cr. to cr.  
**Edges of Sheerstrake**, double & single riveted.  
**Butts of Sheerstrake**, treble riveted for **1/2** length amidships.  
**Butts of Main Stringer Plate**, treble riveted for **1/2** length amidships. **Single or Double Butt Straps to Stringer Plate** for **whole** length.  
**Butts of Inner Bottom Plating** double riveted for **1/2** length. **Butts of Centre Girder** double straps treble riveted.  
**Breadth of edge laps of Shell Plating** in double riveting **5 1/4 x 1 1/2**. **Breadth of edge laps of Shell Plating** in single riveting **nil**  
**Butt Straps of Shell Plating** breadth and thickness **5 1/4 x 1 1/2 x 1/4**. **Butts, if Lapped, breadth of laps** **nil**  
**Butt Straps of Keelsons, Stringer and Tie Plates**, treble or double riveted? **throughout**  
 Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Beams, Keelsons, Tie and Stringer Plates, Outside Plating, &c.? **Plating by Consett, and Near steel Cos; Angles & Bulbs, Torman, Long & Co.**

**Workmanship.** Are the butts of plating planed or otherwise fitted? **Planed**  
 Is the riveted work properly closed? **Yes**  
 Are the liners between the frames and plates solid single pieces? **Yes** Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? **Yes very well** Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? **Yes** Do any rivets break into or through the seams or butts of the plating? **A very few**  
 Are the butts of Plating, Stringers, &c., properly shifted and strapped? **Yes**

**MASTS, SPARS, &c.**

Mast	Material	Total Length	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.	
			At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.
Fore Mast	Pin 2	66.3	17	17	14	14					
Main Mast	Pin 2	56.0	17	17	14	14					
Mizen Mast											

Bowsprit **✓**  
 Topmasts, Yards and Remainder of Spars **✓**  
 Rigging, Material and Size, Shrouds **galvanized iron wire 3 x 2 1/4** Stays **3 1/2 x 2 1/4**  
 Sails. **one** Suit of **nil** Sails, and the following spare sails **nil**

**EQUIPMENT No. 13151 LETTER B. ANCHORS.**

Number of Certificate.	Weight, Ex. Stock	Weight of Stock	TEST, PER CERTIFICATE.			WEIGHT REQ. BY RULE.			Description of Anchor.	Makers.	Where and when tested and Superintendent.
			Tons.	cwts.	qrs.	Tons.	cwts.	qrs.			
22531 1st Bower	17 0 14	4 0 14	18	6	3 1/4	16	3	0	Porter	See Abbot & Co. R.W.C.P.S. 4 Sept 91	
22532 2nd "	16 3 14	4 1 0	18	2	3 1/4	16	3	0	Porter	See Abbot & Co. R.W.C.P.S. 4 Sept 91	
22536 3rd "	14 2 0	3 2 0	16	1	1 0	14	1	0	Porter	See Abbot & Co. R.W.C.P.S. 4 Sept 91	
Collective weight	48 2 0					47	3	0			
Stream	5 2 7	1 1 1/4	7	16	1 2	5	2	0	Porter	See Abbot & Co. R.W.C.P.S. 4 Sept 91	
Kedge	3 0 0	2 14 5	10	0	0	8	3	0	Porter	See Abbot & Co. R.W.C.P.S. 4 Sept 91	
2nd Kedge	2 0 0	1 21 4	10	0	0	1	2	6	Porter	See Abbot & Co. R.W.C.P.S. 4 Sept 91	

**CHAIN CABLES.**

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	Weight of Chain Cable.	Fathoms & Size.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size.
9301	130	1 1/2	51.3	116.2	130	1 1/2	See Abbot & Co. R.W.C.P.S. 2 Sept 91	See Abbot & Co. R.W.C.P.S. 2 Sept 91	Towline	9	90	9
9315	120	1 1/2	51.3	117.0	120	1 1/2	See Abbot & Co. R.W.C.P.S. 2 Sept 91	See Abbot & Co. R.W.C.P.S. 2 Sept 91	Hawser	240	5	90
Iron Steam Chain or Steel Wire	60	7/8	20.8	23.2	60	7/8	See Abbot & Co. R.W.C.P.S. 2 Sept 91	See Abbot & Co. R.W.C.P.S. 2 Sept 91		240	4	2

**HAWSERS AND WARPS.**

Number of Certificate.	Fathoms.	Size.	Test per Certificate.	Weight of Chain Cable.	Fathoms & Size.	Description.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Fathoms.	Size.	Fathoms & Size.
9301	130	1 1/2	51.3	116.2	130	1 1/2	See Abbot & Co. R.W.C.P.S. 2 Sept 91	See Abbot & Co. R.W.C.P.S. 2 Sept 91	Towline	9	90	9
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Boats **3**  
 Pumps, Number **7**  
 The Windlass is **Clarke Chapman's Patent** Capstan **Do**  
 Engine Room Skylights.—How constructed? **on bridge deck**  
 What arrangements for deadlights in bad weather? **solid lead shutters & thick circular glass**  
 Coal Bunker Openings.—How constructed? **steel hatches** How are lids secured? **solid latches** Height above deck? **9 in**  
 Number of Scuppers, and number and dimensions of Freeing Ports, &c. **5 scuppers on each side and 5 ports on each side the latter 2 1/2 x 2 1/2**  
 Cargo Hatchways.—How formed? **steel plate covered & headedges** Hatches, if strong and efficient? **2 1/2 solid**  
 State size No. 1 Hatch (Forward) **11.0 x 9.0** No. 2 Hatch **27.6 x 12.0** No. 3 Hatch **18.4 x 12.0** No. 4 Hatch **18.4 x 12.0**  
 Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch **shifting deep webs and 3 fore afters**  
 as per Profile  
 Bulwarks, height above deck and description **4.6 of iron** Main Rail, material and size **iron Bulwark 5 x 2 1/2**

The above is a correct description.  
 Builder's Signature, (here only) **For WILLIAM DOBSON & Co** Surveyor's Signature **James Gibson**  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

Order for Special Survey No. **2349923904**  
 Date **28 May 1891**  
 Order for Ordinary Survey No. **1891**  
 Date **48** in builder's yard

1st. On the several parts of the frame, when in place, and before the plating was wrought  
 2nd. On the plating during the process of riveting  
 3rd. When the beams were in and fastened, and before the decks were laid  
 4th. When the ship was complete, and before the plating was finally coated or cemented  
 5th. After the ship was launched and equipped

State dates and initials of letters respecting this case **23 April and 9 July 1891**

General Remarks (State quality of workmanship, &c.) **This Vessel has been built of Steel and in accordance with the rules and approved tracings of middle section and Profile, on the cellular bottom system with solid floors to every frame, except in the Boiler space; the water ballast tanks being tested to a head of water not less in height than the load line of the vessel and found very satisfactory. The workmanship and materials throughout being of a good description**

Reference should be made to any correspondence connected with the case.

**PARTICULARS FOR RECORD in the REGISTER BOOK.**—Length of Poop **30.0** ft., R.Q.D. or Break **✓** ft., Bridge Dk. **23.0** ft., F'castle **23.0** ft. (in feet and tenths) where the Poop is on top of the R.Q.D., or when the Poop or R.Q.D. is joined to the B.D., this should be distinctly stated

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as it should appear in the Register Book) **Deck Steel, 2 tiers of Beams**  
 Official No. **1**; Signal Letters

**PARTICULARS OF WATER BALLAST.**  
 Double bottom, aft, length **46.0** and water capacity in tons **37**  
 Double bottom, forward, length **88.0** and water capacity in tons **100**  
 Double bottom, under engines and boiler, length **16.6** and water capacity in tons **26** If under Engines only, or Boilers only, state which  
 Double bottom, constructed on the cellular system, length **150.6** and water capacity in tons **163**  
 Fore peak tank, water capacity in tons **✓** After-peak tank, water capacity in tons **✓**  
 Midship deep tank, length **✓** and water capacity in tons **✓** Other tanks, if fitted, length **✓** and water capacity in tons **✓**  
 The above have **all** been tested as required by the Rules.  
 (If necessary, furnish further information by sketch.)  
 How are the surfaces preserved from oxidation? Inside **Portland Cement & paint** Outside **3 Coats of paint**

**FREEBOARD** assigned by the Committee, as per Secretary's Letter, dated **30 October 91**  
 State if marked on Vessel's sides in accordance with Notice No. 573 **Yes**

	In Summer	In Winter	For Winter in North Atlantic	Fresh Water above the centre of disc
	<b>3 ft. 2 ins.</b>	<b>2 ft. 4 ins.</b>	<b>2 ft. 7 ins.</b>	<b>3 1/2 ins.</b>

To top of Wood, Iron or Steel Upper Deck.

The amount of Entry Fee..... £ **3** : : : is received by me, **W. H. H.**  
 Special ... £ **31** : **10** : **11** 18 91  
 Certificate ... £ **17** : **12** : **9** 18 91  
 Travelling Expenses, if any £ **100** AT  
 I am of opinion this Vessel should be Classed **100 A I**

Committee's Minute **TUES. 17 NOV 1891**  
 Character assigned **100 A I Steel**  
**ATCP 15k (Std.) 2 to B**  
**T.M.**  
 Return Report.

It is submitted that this vessel appears eligible to be classed 100 A I (Std.) 2 to B (particulars as above).  
 The surveyor is requested to fill in the report the scantlings of the floors in the boiler space, and the number of pumps fitted in the vessel.  
**J. B. Gibson**  
 16.11.91  
 Surveyor to Lloyd's Register of British and Foreign Shipping.

**Lloyd's Register Foundation**  
 NWC823-0014 2/2