

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

# IRON OR STEEL STEAMER.

No. 46,035.

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

Received at London *30 OCT 1903*

Date of completion of Report *29 October 1903*

Port of *Newcastle*

Date, First Survey *22nd June 1903*

Last Survey *October 20th 1903*

Survey held at *North Shields*

Rig *Ketch*

On the *Steam Trawler "Princess Victoria"*

TONNAGE under  
Tonnage Deck... *189.13*  
Do. of Poop  
Do. of Raised Qr.  
Dk. or Break...  
Do. of Bridge House  
Do. of Forecastle  
Do. of Houses on Deck *2.92*  
Do. of excess of Hatchways  
Do. above Crown of  
Engine Room... *9.59*  
Gross Tonnage *201.64*  
Less Crew Space *19.61*  
Less above Crown of  
Room... *9.59*  
FEES... *142.44*  
Room  
on Spaces *123.62*  
on Spaces *4.84*  
Tonnage  
Beam... *53.54*

ONE OR TWO DECKED VESSEL.

CLASS *100A1*

Master

Year of appointment

Built at *North Shields*

When built *1903*. Launched *10th Sept. 1903*

By whom built *Messrs Smith's Dock Co.*

Owners *The Docks Steam Fishing Co. Ltd.*

Managers

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

Residence *Aberdeen*

Port belonging to *North Shields*

Half Breadth (moulded) *10.71*  
Depth from upper part of Keel to top of Main Deck Bms. *13.33*  
Girth of Half Midship Frame (as per Rule) *19.20*  
1st Number *43.24*  
Length on deck from after part of stem to fore part of stern post *113.875*  
2nd Number *4923.855*  
Proportions—Breadths to Length *5.3*  
Depths to Length—Main Deck to top of Keel *8.5*

Destined Voyage *Surveyed while Building, Afloat, or in Dry Dock.*

on Deck as	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Feet.	Inches.	No. of Decks with Flat laid	one
	<i>113</i>	<i>10 1/2</i>	Moulded	<i>21</i>	<i>5</i>	Top of Floors to top of Main Deck Beams	<i>12</i>	<i>0</i>	No. of Tiers of Beams	<i>one</i>

of Ship per Register, Length, *115.3* breadth, *21.5* depth, *11.9* Moulded Depth, *12* ft. *10* ins. Round of Beam, Actual *6* ins.

FRAMING.						FORGINGS AND CASTINGS.					
Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	16ths or 20ths in Ship.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches per Rule Or as Approved.
Angles, <i>full</i> <i>full</i> <i>full</i> Bars, for & length amidships	<i>3</i>	<i>2 1/2</i>	<i>6</i>	<i>3</i>	<i>2 1/2</i>	KEEL, Bar or Side Plates depth and thickness	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>
at each end						STEM, moulding and thickness	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>	<i>7 1/2 x 1 1/2</i>
way of Double Bottoms at Solid Floors						STERN-POST for Rudder do. do.	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>
at intermdt. Bkts.						for Propeller	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>	<i>6 x 2 1/2</i>
of Frames from centre to centre	<i>21</i>		<i>121</i>			MAIN PIECE of Rudder, diameter at head	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>	<i>4 1/2</i>
SED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	<i>12 1/2</i>	<i>2 1/2</i>	do. at heel	<i>3 x 2 1/2</i>	<i>3 x 2 1/2</i>	<i>3 x 2 1/2</i>	<i>3 x 2 1/2</i>	<i>3 x 2 1/2</i>
FRAMING, depth of girder						RUDDER, how constructed	<i>3/20 side plates</i>				
IS, depth and thickness of Floor Plate at mid-line for & length amidships	<i>16</i>		<i>6</i>	<i>16</i>	<i>6</i>	Can the Rudder be unshipped afloat?	<i>Yes</i>				
in way of Engines and Boilers						KEELSONS AND STRINGERS.					
thickness at the ends of vessel						CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>7</i>	<i>3</i>	<i>10</i>	<i>7</i>	<i>3</i>
depth at 1/2 the half breadth, as per Rule						" Rider Plate	<i>11</i>				
height extended at the Bilges						" Bulb Plate to Intercoastal Keelson					
RS & BRACKETS, in Cell Dble Bottoms						" Horizontal Plates on Floors					
" state if flanged (top & bottom)						" Angles					
" Spacing						SIDE KEELSON, Angles					
RE GIRDER, in Double Bottom, depth and thickness						" Bulb or Plate above floors for lng.					
" Angles, Top						" Intercoastal Plate for length					
" Bottom						" Attached to outside plating with Angle					
E GIRDERS, number on each side & thickness						BILGE KEELSON, Angles					
" state if flanged (top & bottom)						" Bulb or Plate above floors for lng.					
Angles						" Intercoastal Plate for length					
GIN PLATE, depth (exclusive of flange) and thickness						" Attached to outside plating with Angle					
" Angles to Outside Plating						BILGE STRINGER Angles	<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>
" Floors						" Bulb Plate for length					
" Height of Floors at the Bilges						" Intercoastal Plate for length					
ER BOTTOM PLATING, breadth and thickness of Middle Line Strake						" Attached to outside plating with Angle					
" thickness in Engine and Boiler space						SIDE STRINGER Angles	<i>5</i>	<i>4</i>	<i>8</i>	<i>5</i>	<i>4</i>
" Remainder in Holds						" Bulb or Intercoastal Plate for lng.					
AMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	<i>5 1/2</i>	<i>3</i>	<i>8</i>	<i>5 1/2</i>	<i>3</i>	" Attached to outside plating with Angle					
" Angles on Upper Edge						Main and Raised Quarter Deck Stringer Plate, breadth and thickness	<i>24</i>	<i>7</i>	<i>24</i>	<i>7</i>	
" Spacing	<i>42</i>		<i>42</i>			" Angle on ditto	<i>3 x 3</i>	<i>7</i>	<i>3 x 3</i>	<i>7</i>	
AMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						" Tie Plates, outside Hatchways	<i>8</i>	<i>7</i>	<i>8</i>	<i>7</i>	
" Angles on Upper Edge						" Diagonal Tie Plates on Bms., No. of Pairs					
" Spacing						" Main Dk* Iron or Steel for amid lng.	<i>6</i>		<i>6</i>	<i>6</i>	
AMS, Hold, Plate or Tee Bulb						" R. Q. Dk* Iron or Steel for lng.					
" Angles on Upper Edge						" Wood Deck, Material & thickness	<i>3</i>		<i>3</i>	<i>3</i>	
" Spacing						Lower Deck Stringer Plate, breadth and thickness					
AMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						" Angles on ditto, No.					
" Angles on Upper Edge						" Tie Plates, outside Hatchways					
" Spacing						" Deck* Material and thickness					
AMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb						Hold Stringer Plate					
" Angles on Upper Edge						" Angles on ditto, No.					
" Spacing						Poop Deck Stringer Plate, breadth & thickness					
AMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb						" Angle on ditto					
" Angles on Upper Edge						" Tie Plates					
" Spacing						" Deck, Material and thickness					
PILLARS, In 'tween Decks, Size and Spacing						Bridge or Pt. Awning Deck Stringer Plate, breadth and thickness					
" Hold	<i>2 1/2</i>		<i>2 1/2</i>			" Angle on ditto					
" Quarter, 'tween Dks.,						" Tie Plates					
" in Hold						" Deck, Material and thickness					
WEB FRAMES, In Fore Body, No. and Spacing						Forecastle Deck Stringer Plate, brdth & thcknss					
" No. of Side Stringers						" Angle on ditto					
WEB FRAMES, In E. & B. Space, No. & Spacing						" Tie Plates					
" Brdth. & Thickness						" Deck, Material and thickness					
WEB FRAMES, In After Body, No. and Spacing						Are the outside Plates doubled two spaces of Frames in length?					
" Brdth. & Thickness						Are the Sluice Valves and Watertight Doors in efficient working order?					
" No. of Side Stringers											
" Size of Angles or Tee Bars to Web Frames											
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness											



PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		Ordinary or Joggled?		RIVETS.		STRAKS.		IF LAPPED.						
	Breadth.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.	Single or Double.	Breadth of Lap.	Diam.	Spacing or to cr.	Diam.	Spacing or to cr.	Breadth.	Thickness.	Breadth.	Thickness.			
FLAT PLATE KEEL (If Bar Keel, state Riveting)																			
GARBOARD OR A STRAKE	55	8	4	4	55	8	Ord.	6	7/8	4 1/2	Ord.	3/4	2 1/8	5	full				
State actual thickness in way of Double Bottom.	48	4	6	6	48	4	"	4 1/2	3/4	3	"	"	"	"	"	"	"		
Sheer	55	8	4	4	55	8	"	4 1/2	3/4	3	"	"	"	"	"	"	"		
B	48	4	6	6	48	4	"	4 1/2	3/4	3	"	"	"	"	"	"	"		
C	55	8	4	4	55	8	"	4 1/2	3/4	3	"	"	"	"	"	"	"		
D	48	4	6	6	48	4	"	4 1/2	3/4	3	"	"	"	"	"	"	"		
E	55	8	4	4	55	8	"	4 1/2	3/4	3	"	"	"	"	"	"	"		
F																			
G																			
H																			
J																			
K																			
L																			
M																			
N																			
O																			
P																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
Length and thickness of Sheerstrakes																			
Length and thickness of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	Seven spaces																		
Manufacturer's name or trade mark of the Iron or Steel (state process of manufacture of Steel) used for Frames, Floors, Beams, Keelsons, Tie and Stringer Plates, outside Plating, &c.										Main Stringer Plate Butts, riveted for full length amidship.									
Consett Iron Co.										Butts, double or overlapped for full length amidship.									
Has the Steel been tested as required by the Rules										Yes									
FRAMES extend in one length from										Keel to Mainwale									
REVERSED FRAMES on floors and frames extend from										Bilge to Bilge (per plans)									
MASTS, SPARS, &c.										DIAMETER AND THICKNESS.									
										At Partners. Heel. Hounds. Head.									
LOWER MASTS...										Fore Main Mizzen									
Bowsprit																			
Topmasts, Yards and Remainder of Spars																			
Rigging, Material and Size, Shrouds										2 1/2 galv. stl. wire									
Sails										Road Suit of one									
Equipment No.										Letter									
ANCHORS.										Tonnage U.D. or Plating No. for Trawlers									
Number of Certificate.										Description of Anchor.									
49712 1st Bower										Ordinary									
49710 2nd "										"									
49704 3rd "										"									
Collective weight										12 1 14									
Stream																			
Kedge																			
CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate.										Length and Size per Table 22.									
35825 90 1 18 27 48 0 6 45 3 17 90										1 Stial 70 Jm. No. 29/7/103, Reberton									
Boats										one & good									
Pumps, Number										Three (hand)									
Windlass is										Hand									
Engine Room Skylights—How constructed?										Iron coamings & Seal top.									
What arrangements for deadlights in bad weather?										glass bellows									
Coal Bunker Openings—How constructed?										flush									
Number of Scuppers, and number and dimensions of Freeing Ports, &c.										3 scuppers & 3 freeing ports 18"x12" each side									
Ceiling in Holds, thickness and material										Cargo Battens, thickness and material									
Cargo Hatchways—How formed?										stl. coamings									
State size No. 1 Hatch (Forward)										5'3" x 3'6"									
No. 2 Hatch										3'6" x 3'6"									
No. 3 Hatch																			
No. 4 Hatch																			
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch																			
No. of Breasthooks										3									
No. of Crutches										3									
Bulwarks, height above deck and description										stl. plate 3 1/2" x 9/16"									
The above is a correct description										For Smith's Dock Co. Ltd.									
Builder's Signature										William Reel									
Surveyor's Signature										Bernard C Laws									
Surveyor to Lloyd's Register of British and Foreign Shipping.																			

Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case)

M 9/4/03

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

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? very few

Are the butts of Plating, Stringers, &c., properly shifted and strapped? Yes

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par. 24)? Yes

State results of tests Yes

Have all the gutterways been tested as required by the Rules (Sec. 23, par. 25)? Yes

State results of tests Yes

General Remarks (State quality of workmanship, &c.) This steel screw trawler has been built in accordance with the approved plans herewith enclosed, the Secretary's letter and generally in accordance with the rules the materials & workmanship throughout are good.

The Surveyor should state the Number of Report and Name of any Sister Vessel. "Princess Beatrice" 40246036.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop        ft., R.Q.D. or Break        ft., Bridge Dk.        ft., F'castle        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) one deck (wood)

Official No.       ; Signal Letters       

State if Machinery is fitted aft Yes

How are the surfaces preserved from oxidation? Inside Cement & paint Outside Paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors per plans

Where fitted.	*Length. Feet.	Water Capacity. Tons.	Where fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft		
Double bottom, if under Boilers only,			Deep tank, forward		
Double bottom, forward,			Other tanks, if fitted, <u>Sal (acid)</u>	<u>3'5"</u>	<u>8</u>

\* The wells are not to be included in the lengths of the tanks. State whether the above have been tested as required by the Rules Yes

Order for Special Survey No. 3487

Date 15.4.03

No. 724 in builder's yard

Days of Survey held while building 1903 June 22 July 6 10 24 30 Aug 5 10 12 20 26 Sep 1 14 25 30 Oct 2 8 12 13 19 20

Total No. of Visits 21

The amount of Entry Fee £ 1

Special £ 8 12

Travelling Expenses, if any £

Fees applied for, 29 OCT 1903

Received by me, 21.11.03

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100A1 Steam Trawler

With, or without Freeboard, as condition of Class —

Committee's Minute TUES. 3 NOV 1903

Character assigned 100A1 Steel

Stm Trawler

Time 10.03

Surveyor to Lloyd's Register of British and Foreign Shipping. Bernard C Laws

Form No. 1A.