

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

# IRON OR STEEL STEAMER.

No. 613

State if Report is also sent on the Machinery of the Vessel *No*  
Date of completion of Report *June 26<sup>th</sup> 1900*  
Date, First Survey *25<sup>th</sup> July 1899*  
SS "KING RICHARD"

Received at London Office *FRI. 29 JUN 1900*

Port of *Grimsey*  
Last Survey *29<sup>th</sup> June 1900*  
Rig *Sail*

Survey held at  
On the

*Grimsey*

TONNAGE under  
Tonnage Deck *155.76*  
o. of Poop *3.48*  
o. of Raised Qc. *3.08*  
Dk. or Break. *3.48*  
o. of Bridge House  
o. of Forecastle  
o. of Houses on Deck  
o. of excess of Hatchways  
o. above Crown of  
Engine Room *10.80*  
ross Tonnage *10.48*  
ess Crew Space  
ess above Crown of  
Engine Room  
ONNAGE FOR FEES *151.32*  
ess Engine Room  
ess Navigation Spaces  
ess Cabin  
ess Store  
Register Tonnage  
as cut on Beam *73.55*

ONE OR TWO DECKED VESSEL.  
CLASS *100 A*

Master *J. Crocker*

Year of appointment

(1) As master in service of  
owner of present vessel: *1899*  
(2) As master of this  
vessel: *1900*

Built at *Grimsey*

When built *1900*

Launched *March 31<sup>st</sup> 1900*

By whom built *Schofield, Hagerup & Doughty, Ltd.*

Owners *Monarch Steam Fishing Co. Ltd.*

Managers

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

Residence *Royal Dock Chambers, Grimsey*

Port belonging to *Grimsey*

Destined Voyage *Fishing*

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

LENGTH on Deck as per Rule *103* Feet. *9* Inches. BREADTH—Moulded *20* Feet. *10 1/2* Inches. DEPTH, ACTUAL—Top of Floors to top of Main Deck Beams *10* Feet. *9* Inches. No. of Decks with Flat laid *One*. No. of Tiers of Beams *One*. Dimensions of Ship per Register, Length, *105.55* breadth, *21.1* depth, *10.65* Moulded Depth, *11* ft. *7* ins. Round of Beam, Actual *6* ins.

FRAMING.				FORGINGS AND CASTINGS.			
	Inches in Ship.	Inches in Ship.	20ths in Ship.		Inches in Ship.	Inches per Rule.	Inches per Rule.
FRAME, Angles, <i>7</i> or <i>8</i> Bars, for $\frac{1}{2}$ length amidships	<i>3</i>	<i>2 1/2</i>	<i>6</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>
Do. for $\frac{1}{2}$ at each end	<i>3</i>	<i>2 1/2</i>	<i>6</i>	STEM, moulding and thickness. <i>Bulk Plate</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>
Do. in way of Double Bottoms at Solid Floors.	<i>3</i>	<i>2 1/2</i>	<i>6</i>	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>
" " 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>
Distance of Frames from moulding edge to moulding edge, all fore and aft	<i>21</i>		<i>21</i>	MAIN PIECE of Rudder, diameter at head	<i>3 3/4</i>	<i>3 3/4</i>	<i>3 3/4</i>
REVERSED FRAME, Angles	<i>2 1/2</i>	<i>2 1/2</i>	<i>5</i>	do. at heel	<i>2 1/2 x 2 1/4</i>	<i>2 1/2 x 2 1/4</i>	<i>2 1/2 x 2 1/4</i>
DEEP FRAMING, depth of girder	<i>16</i>		<i>5</i>	RUDDER, how constructed <i>Forged frame and Side plates</i>			
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{1}{2}$ length amidships	<i>16</i>	<i>5</i>	<i>16</i>	Can the Rudder be unshipped afloat? <i>Yes</i>			
" in-way of Engines and Boilers		<i>7</i>	<i>7</i>	KEELSONS AND STRINGERS.			
" thickness at the ends of vessel		<i>5</i>	<i>5</i>	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	<i>8</i>	<i>9</i>	<i>8</i>
" depth at $\frac{1}{2}$ the half breadth, as per Rule	<i>Straight on top as per Section</i>			" Rider Plate			
" height extended at the Bilges				" Bulb Plate to Intercoastal Keelson			
FLOORS & BRACKETS, in Cell Dble Bottoms				" Horizontal Plates on Floors	<i>4</i>	<i>3</i>	<i>8</i>
" " Distance apart				" Angles	<i>4</i>	<i>3</i>	<i>8</i>
CENTRE GIRDER, in Double Bottom, depth and thickness				SIDE KEELSON, Angles			
" " Angles, Top				" Bulb or Plate above floors for lng.			
" " Bottom				" Intercoastal Plate for length			
SIDE GIRDERS, number on each side & thickness				" Attached to outside plating with Angle			
" Angles				BILGE KEELSON, Angles <i>Single</i>	<i>5</i>	<i>4</i>	<i>9</i>
MARGIN PLATE, depth (exclusive of flange) and thickness				" Bulb or Plate above floors for len.			
" Angles to Outside Plating				" Intercoastal Plate for length			
INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake				" Attached to outside plating with Angle			
" " thickness in Engine and Boiler space				BILGE STRINGER Angles			
" " Remainder in Holds				" Bulb Plate for length			
BEAMS, Main and Raised Quarter Deck	<i>6</i>	<i>3</i>	<i>7</i>	" Intercoastal Plate for length			
" Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
" Angles on Upper Edge				SIDE STRINGER Angles <i>Single</i>	<i>5</i>	<i>4</i>	<i>9</i>
" Average space	<i>42</i>		<i>42</i>	" Bulb or Intercoastal Plate for lng.			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				" Attached to outside plating with Angle			
" Angles on Upper Edge				Main and Raised Quarter Deck Stringer	<i>23</i>	<i>7</i>	<i>23</i>
" Average space				" Plate, breadth and thickness	<i>3 x 3</i>	<i>6</i>	<i>3 x 3</i>
BEAMS, Hold, Plate or Tee Bulb				" Angle on ditto	<i>7</i>	<i>7</i>	<i>7</i>
" Angles on Upper Edge				" Tie Plates fore & aft, outside Hatchways			
" Average space				" Diagonal Tie Plates on Bms., No. of Pairs			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Main Dk* Iron or Steel for lng.			
" Angles on Upper Edge				" R. Q. Dk* Iron or Steel for lng.			
" Average space				" Wood Deck, Material & thickness	<i>3" Pitch Pine</i>	<i>3"</i>	
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb				Lower Deck Stringer Plate, breadth and thickness			
" Angles on Upper Edge				" Angles on ditto, No.			
" Average space				" Tie Plates, outside Hatchways			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Deck* Material and thickness			
" Angles on Upper Edge				Hold Stringer Plate			
" Average space				" Angles on ditto, No.			
PILLARS, In 'tween Decks, Size and Spacing				Poop Deck Stringer Plate, breadth & thickness			
" " Hold				" Angle on ditto			
" " Quarter, 'tween Dks.,				" Tie Plates			
" " in Hold				" Deck, Material and thickness			
WEB FRAMES, In Fore Body, No. and Spacing				Bridge Deck Stringer Plate, brdth & thickness			
" " 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				Forecastle Deck Stringer Plate, brdth & thcknss			
" " No. of Side Stringers				" Angle on ditto			
" " Size of Angles or Tee Bars to Web Frames				" Tie Plates			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				" Deck, Material and thickness			



PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.		AFT.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.			Diam.	Spacing.		Diam.	Spacing.	Breadth.	Thickness.	Breadth.	For what Length.		
	Inches.	20ths.	20ths.	20ths.	Inches.	20ths.		Inches.	Inches.	Inches.		Inches.	Inches.	Inches.	20ths.	Inches.	Feet.		
FLAT PLATE KEEL .....							Double		1	5	Double								
GARBOARD OR A STRAKE ...	40	8	8	8	30	7	"	1 1/2	3/4	3	"	3/8	2 1/4	9 3/4	9	1 1/4	Whole		
State actual thickness in way of Double Bottom.	B	39	7	6	6	6	"	3 3/4	5/8	2 5/8	"	"	"	"	"	"	"		
C	47	7	6	6	6	6	"	"	"	"	"	"	"	8	8	"	Ends		
D	39	7	6	6	6	6	"	"	"	"	"	"	"	"	"	"	Whole		
E	47	7	6	6	6	6	"	"	"	"	"	"	"	"	"	"	"		
Sheer - F	37	8	7	7	30	7	"	4 1/2	3/4	3	"	3/4	2 5/8	9 3/4	9	"	"		
G																			
H																			
J																			
K																			
L																			
M																			
N																			
O																			
P																			
DOUBLING of Flat Plate Keel																			
Length and thickness of Bilges																			
of Sheerstrakes																			
of Strake below																			
POOP SIDES					5	5	Single	2 1/4	5/8	2 5/8	"	5/8	2 1/4	8	6	"	"		
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES					5	5			5/8	"									
LENGTHS OF PLATING																			
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.? <i>Prodingham Iron &amp; Steel Co.</i> <i>South Durham Steel &amp; Iron Co. Ltd.</i> <i>Siemens Steel</i> Has the Steel been tested as required by the Rules <i>Yes</i>							Main Stringer Plate { Butts, <i>treble</i> riveted for <i>whole</i> length amidship. Straps, single, double or overlapped for <i>whole</i> length amidship. Butts of Bilge & Side Stringers, and Tie Plates, <i>treble</i> or double riveted? Inner Bottom Plating, riveting of Edges <i>✓</i> Butts <i>✓</i> Centre Girder Butts, <i>✓</i> riveted. Keelson Butts, <i>treble</i> riveted. Frames, riveted through Plates with <i>3/4</i> & <i>5/8</i> in. Rivets, about <i>4 1/2</i> & <i>5 1/2</i> apart. Rivets, state whether of Iron or Steel <i>Iron</i>												
FRAMES extend in one length from <i>keel</i> to <i>deck</i> REVERSED FRAMES on floors and frames extend from <i>middle line to upper turn of bilge and deck alternately</i> <i>Double from bilge to bilge in 8 &amp; 10 space</i>																			
MASTS, SPARS, &c.																			
LOWER MASTS....		Material.	Total length.	DIAMETER AND THICKNESS.				No. of Plates in round.	ANGLES.		RIVETING.								
				At Partners.	Heel.	Hounds.	Head.		Number.	Size.	Seams.	Butts.							
Fore .....		<i>Pitch Pine</i>	<i>Pole</i>	<i>13 1/2"</i>															
Main .....		<i>Steel</i>	<i>36'0"</i>	<i>11" x 5/16"</i>				<i>2</i>			<i>Single</i>	<i>treble</i>							
Mizen .....																			
Bowsprit																			
Topmasts, Yards and Remainder of Spars <i>White Pine</i>																			
Rigging, Material and Size, Shrouds <i>Steel wire 3"</i> Stays <i>Steel wire 3"</i> Topmast <i>1 1/4"</i>																			
Sails. <i>One</i> Suit of Sails and the following spare sails <i>✓</i>																			
EQUIPMENT No. <i>4185</i> LETTER <i>✓</i> TONNAGE FOR TRAWLERS <i>156</i> U.Dk. ANCHORS.																			
Number of Certificate.	Anchors.	WEIGHT, EX STOCK			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 22.			Description of Anchor.	Makers.	Where and when tested and Superintendent.			
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	Cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.		
<i>42266</i>	1st Bower ..	<i>4</i>	<i>2</i>	<i>0</i>	<i>1</i>	<i>1</i>	<i>6</i>	<i>6</i>	<i>17</i>	<i>2</i>	<i>0</i>	<i>4</i>	<i>2</i>	<i>0</i>	<i>Rodgers</i>	<i>Not stated</i>	<i>Ketherton 22/6/99 Green</i>		
<i>42267</i>	2nd ..	<i>4</i>	<i>0</i>	<i>5</i>	<i>1</i>	<i>0</i>	<i>25</i>	<i>6</i>	<i>10</i>	<i>0</i>	<i>0</i>	<i>4</i>	<i>0</i>	<i>0</i>	"	"	"		
<i>42259</i>	3rd ..	<i>2</i>	<i>1</i>	<i>26</i>	<i>2</i>	<i>26</i>	<i>5</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>0</i>	<i>2</i>	<i>2</i>	<i>0</i>	"	"	"		
	Collective weight	<i>11</i>	<i>0</i>	<i>3</i>								<i>11</i>	<i>0</i>	<i>0</i>					
	Stream .....																		
	Kedge .....																		
CHAIN CABLES.																			
Number of Certificate.	Fathoms.	Size.	Test per Certificate Tons.	WEIGHT OF CHAIN CABLE.			Fathoms and Size Per Table 22.	Description.	Makers of Cables.	When and where tested, and Superintendent.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Table 22.				
				Supplied.	Per Table 22.	Per Table 22.													
<i>29383</i>	<i>75</i>	<i>1 7/16</i>	<i>21/102</i>	<i>36-1-16</i>	<i>36-1-11</i>	<i>75 fms</i>	<i>1 7/16</i>	<i>Short link</i>	<i>Not stated</i>	<i>Ketherton 7/6/99 Green</i>	TOWLINE								
											HAWSER Manila	<i>60</i>	<i>6"</i>	<i>60 fms</i>	<i>5 1/2"</i>				
											WARP	<i>60</i>	<i>3 1/2"</i>	<i>60</i>	<i>3 1/2"</i>				
Iron Steam Chain or Steel Wire ...																			
Boats <i>One</i>																			
Pumps, Number <i>Three</i> Diameter of Barrel <i>2-4" x 1-6"</i> State whether they are in efficient working order <i>Yes</i>																			
Windlass is <i>Iron - hand &amp; gipsy to winch</i> Capstan <i>✓</i>																			
Engine Room Skylights.—How constructed? <i>Of teak</i>																			
What arrangements for deadlights in bad weather? <i>Strong teak shutters &amp; bulls eyes</i>																			
Coal Bunker Openings.—How constructed? <i>Plated - Flanged covers</i> How are lids secured? <i>Locking bars</i> Height above deck? <i>9"</i>																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c. <i>On each side - 3 scuppers &amp; 3 freeing ports 20" x 12"</i>																			
Ceiling in Holds, thickness and material <i>2" - Red pine</i> Ceiling 'tween Decks, thickness and material <i>✓</i>																			
Cargo Hatchways.—How formed? <i>Plates &amp; angles</i> Hatches.—If strong and efficient? <i>Yes</i>																			
State size No. 1 Hatch (Forward) <i>3'6" x 2'8"</i> No. 2 Hatch <i>3'6" x 4'3"</i> No. 3 Hatch <i>✓</i> No. 4 Hatch <i>✓</i>																			
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch <i>✓</i>																			
No. of Breasthooks <i>Three</i> No. of Crutches <i>✓</i>																			
Bulwarks, height above deck and description <i>2'6" - Steel - Bulb plate stays</i> Main Rail, material and size <i>Bulb angle - steel - 6" x 3" x 1/2"</i>																			
The above is a correct description.																			
Builder's Signature (here only.) <i>PER PRO. SCHOFIELD, HAGERUP AND DOUGHTY, LTD.</i> Surveyor's Signature <i>B. G. Bedford</i> Surveyor to Lloyd's Register of British and Foreign Shipping.																			

Form No. 1A.

*Charles ...* Secretary



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Foundation



Correspondence.—State dates and initials of letters respecting this case (Reference should be made to any correspondence connected with the case) April 25<sup>th</sup> 1898 (M)

Workmanship. Are the butts of plating planed or otherwise fitted? Planed

FRI. 29 JUN 1900

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? A 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)?

State results of tests

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

State results of tests

General Remarks (State quality of workmanship, &c.) The workmanship is good.

This vessel has been built in accordance with the approved plans and the Secretary's letter of the above date, also in general conformity with the Rules for the class contemplated.

The fore peak, after peak and deck pumps have been tested

This vessel is similar to the s/s King Arthur. Grimsby Report No 49

"King Robert"

63

"King Alfred"

118

"King Athelstan"

151

"King William"

506

"King Henry"

528

"King Stephen"

560

Accompanying this Report:—Midship Section—Profile

The Surveyor should state the Number of Report and Name of any Sister Vessel.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 18 ft., R.Q.D. or Break 18 ft., Bridge Dk. 21 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) 1<sup>st</sup> - 1<sup>st</sup> of beams

Official No. 113186; Signal Letters

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

Outside Paint

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

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,			Midship deep tank,		
Double bottom, if under Boilers only,			Other tanks, if fitted,		
Double bottom, forward,			(If necessary, furnish further information by sketch.)		

\* 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

Order for Special Survey No. 933

Date 27/4/98

No. 10 in builder's yard

DATES of Surveys held while building

1899: July 25, Aug 15, 21, 26, 30 - Oct 25 - Nov 7, 14, 21, 28 - Dec 4, 15.  
1900: Jan 2, 5, 16, 19, 23 - Feb 1, 6, 14, 20, 27 - Mar 2, 6, 9, 13, 16, 21, 26, 29, 31 - April 3, 9, 20, 24, 30  
May 17, 29 - June 1, 8, 14, 23.

Total No. of Visits 43

The amount of Entry Fee £ : 0 : 0

Special £ : 0 : 0

Certificate £ : 0 : 0

Travelling Expenses, if any £ : : :

Fees applied for,

25<sup>th</sup> June 1900

Received by me,

14.8.1900

\* Certificate to be sent to Grimsby Office

State whether the Vessel has been built under Special Survey Yes

I am of opinion this Vessel should be Classed 100A1 - Steel - Stm Trawler.

With, or without Freeboard, as condition of Class

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

Committee's Minute

TUES. 3 JUL 1900

Character assigned

2 a & c  
+ 2 m & c, 00

100A1 Steel  
Stm Trawler