

2 Dks., R.Q.Dk.,

d Pt. Awng. Dk.

IRON OR STEEL STEAMER.

No. 506.

State if Report is also sent on the Machinery of the Vessel *Yes*Received at London Office *MON. 23 APR 1900*Date of completion of Report *April 20th 1900*Port of *Grimsby*Date, First Survey *December 19th 1898* Last Survey *April 17th 1900*

SS "KING WILLIAM"

Rig *Sail*Survey held at *Grimsby*
In the

ENAGE under
onnage Deck: 155.83
of Poop 3.48
of Raised Qr. 2.07
of Bridge House 2.60
of Forecastle 161.98
of Houses on Deck 10.71
of excess of Hatchways
above Crown of
Engine Room 151.27
ss Tonnage 72.00
Crew Space 5.51
above Crown of
Engine Room 73.76
ENAGE FOR FEES ..
Engine Room
Navigation Spaces
Stowage Space
Master Cabin
Master Tonnage
cut on Beam ..

ONE OR TWO DECKED VESSEL.
CLASS 100 A

FEET.

Half Breadth (moulded) 10.43 ✓
Depth from upper part of Keel to top of Main Deck Bms. 12.08 ✓
(with the normal round up of beam)
Girth of Half Midship Frame (as per Rule) 17.83 ✓
1st Number 40.34 ✓
Length on deck from after part of stem to fore part of stern post 103.75 ✓
2nd Number 4185 ✓
Proportions—Breadths to Length 4.97 ✓
Depths to Length—Main Deck to top of Keel 8.58 ✓
Destined Voyage *Fishing*

Master *B. J. Margeson*

Year of appointment

(1) As master in service of
owner of present vessel:—1899
(2) As master of this
vessel:—1900Built at *Grimsby*When built *1900* Launched *January 18th 1900*By whom built *Harfield, Hagerup & Doughty Ltd*Owners *Monarch Steam Fishing Co. Ltd.*

Managers

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

Residence *Grimsby*Port belonging to *Grimsby*If Surveyed while Building, Afloat, or in Dry Dock *Yes*

NGTH on Deck as Feet. Inches. BREADTH— Feet. Inches. DEPTH, ACTUAL— Feet. Inches. No. of Decks with Flat laid *me* ✓
r Rule..... 103 9 Moulded..... 20 10½ Top of Floors to top of Main Deck Beams..... 10 9 No. of Tiers of Beams *me* ✓
ensions of Ship per Register, Length, 103.65 ft breadth, 21.1 ft depth, 10.7 ft. Moulded Depth, 11 ft. 7 ins. Round of Beam, Actual 6 ins.

FRAMING.				FORGINGS AND CASTINGS.			
NAME, Angles, L, E or Bars, for length	Inches in Ship.	Inches in Ship.	Inches in Ship.	NAME, Angles, L, E or Bars, for length	Inches in Ship.	Inches in Ship.	Inches in Ship.
amidships	3	2½	6	KEEL, Bar or Side Plates depth and thickness	7½ x 1½	7½ x 1½	7½ x 1½
Do. for ½ at each end	3	2½	6	STEM, moulding and thickness	7½ x 1½	7½ x 1½	7½ x 1½
Do. in way of Double Bottoms at Solid Floors	✓			STERN-POST for Rudder do. do.	6 x 2½	6 x 2½	6 x 2½
" " at intermdt. Bkts.	✓			" for Propeller	6 x 2½	6 x 2½	6 x 2½
Distance of Frames from moulding edge to moulding edge, all fore and aft	21		21	MAIN PIECE of Rudder, diameter at head	3½	3½	3½
VERSED FRAME, Angles	2½	2½	5	do. at heel	2½ x 2½	2½ x 2½	2½ x 2½
DEP FRAMING, depth of girder	✓			RUDDER, how constructed <i>Forged frame and Side Plated</i>			
DOORS, depth and thickness of Floor Plate at mid-line for ½ length amidships	16	5	16	Can the Rudder be unshipped afloat? <i>Yes</i>			
" in way of Engines and Boilers	7		7	KEELSONS AND STRINGERS.			
" thickness at the ends of vessel	5		5	CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8	9	8
" depth at ½ 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	✓		
DOORS & BRACKETS, in Cell Dble Bottoms				" Horizontal Plates on Floors	✓		
" Distance apart				" Angles	4	3	8
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			
DE GIRDERS, number on each side & thickness				" Attached to outside plating with Angle			
" Angles				BILGE KEELSON, Angles <i>Single</i>	5	4	9
MARGIN PLATE, depth (exclusive of flange) and thickness				" Bulb or Plate above floors for lng.			
" 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 <i>Single</i>	5	4	9
" Remainder in Holds				" Bulb or Intercoastal Plate for lng.			
BEAMS, Main and Raised Quarter Deck	6	3	7	" Attached to outside plating with Angle			
Single Angle, Bulb Angle, Plate or Tee Bulb				Main and Raised Quarter Decks Stringer	11	7	23
" Angles on Upper Edge				Plate, breadth and thickness	3 x 3	6	3 x 3
" Average space	42		42	" Angle on ditto	7	7	7
BEAMS, Lower Deck, Single Angle, Bulb				" Tie Plates fore & aft, outside Hatchways			
Angle, Plate or Tee Bulb				" Diagonal Tie Plates on Bms., No. of Pairs			
" Angles on Upper Edge				" Main Dk* Iron or Steel for lng.			
" Average space				" R. Q. Dk* Iron or Steel for lng.			
BEAMS, Hold, Plate or Tee Bulb				" Wood Deck, Material & thickness	Pitch Pine 3"		3"
" Angles on Upper Edge				Lower Deck Stringer Plate, breadth and thickness			
" Average space				" Angles on ditto, No.			
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates, outside Hatchways			
" Angles on Upper Edge				" Deck* Material and thickness			
" Average space				Hold Stringer Plate			
BEAMS, Bridge or Pt. Awng. Deck, Angle, Bulb Angle, Plate, or Tee Bulb				" Angles on ditto, No.			
" Angles on Upper Edge				Poop Deck Stringer Plate, breadth & thickness			
" Average Space				" Angle on ditto			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb				" Tie Plates			
" Angles on Upper Edge				" Deck, Material and thickness			
" Average space				Bridge Deck Stringer Plate, brdth & thickness			
BEAMS, In 'tween Decks, Size and Spacing				" Angle on ditto			
" Hold				" Tie Plates			
" Quarter, 'tween Dks., "				" Deck, Material and thickness			
" in Hold				Forecastle Deck Stringer Plate, brdth & thickness			
WEB FRAMES, In Fore Body, No. and Spacing				" Angle on ditto			
" Brdth. & Thickness				" Tie Plates			
" No. of Side Stringers				" Deck, Material and thickness			
WEB FRAMES, In E. & B. Space, No. & Spacing				Are the outside Plates doubled two spaces of Frames in length? <i>Yes</i>			
" Brdth. & Thickness				Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes</i>			
WEB FRAMES, In After Body, No. and Spacing							
" Brdth. & Thickness							
" 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.		LOWER EDGES.				BUTTS.								
	AMIDSHIP.		FORWARD.	AFT.	AMIDSHIP.		Single or Double.	Breadth of Lap.	RIVETS.		Double or Treble and for what Length.	RIVETS.		STRAPS.		IF LAPPED.			
	Breadth. Inches.	Thickness. 16ths.	Thickness. 16ths.	Thickness. 16ths.	Breadth. Inches.	Thickness. 16ths.			Diam. Inches.	Spacing cr. to cr. Inches.		Diam. Inches.	Spacing cr. to cr. Inches.	Breadth. Inches.	Thickness. 16ths.	Breadth. Inches.	For what Length. Feet.		
FLAT PLATE KEEL							Double		1	5									
(If Bar Keel, state Riveting)											Double	3/4	2 5/8	9 3/4	9	1/2	Whole		
GARBOARD OR A STRAKE ...	40	8	8	8	30	7		4 1/2	3/4	3		5/8	2 1/4	1	1	4 1/2	Whole		
State actual thickness in way of Double Bottom.	B	7	6	6		6		3 3/4	5/8	2 5/8				1	1				
C	47	7	6	6		6								8	8		Ends		
D	39	7	6	6		6											Whole		
E	47	7	6	6		6		4 1/2	3/4	3		3/4	2 5/8	9 3/4	9	1			
Sheer F	37	8	7	7	30	7													
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	9	5	1	1		
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	See frame 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.? Prodingham Iron & Steel Co. South Durham Steel & Iron Co. Ltd. Siemens Steel.										Main Stringer Plate { Butts, ^{as per} riveted for whole length amidship. Straps, single, double or overlapped for whole length amidship. Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? Inner Bottom Plating, riveting of Edges Butts Centre Girder Butts, riveted. Keelson Butts, treble riveted. Frames, riveted through Plates with 3/4 & 5/8 in. Rivets, about 4 1/2" & 5 1/2" apart. Rivets, state whether of Iron or Steel Iron.									
FRAMES extend in one length from keel to deck REVERSED FRAMES on floors and frames extend from middle line to upper turn of bilge and deck alternately. Double from bilge to bilge in E & B space.																			
MASTS, SPARS, &c.																			
LOWER MASTS.... { Fore White Pine Pole 13 1/2" Main Mizzen Steel 36' 0" 11' x 5 1/2"										DIAMETER AND THICKNESS. Heel. Hounds. Head. No. of Plates in round. ANGLES. Number. Size. RIVETING. Seams. Butts.									
Bowsprit																			
Topmasts, Yards and Remainder of Spars White Pine																			
Rigging, Material and Size, Shrouds Steel Wire 3"										Stays Steel Wire 3" - Topmast 1 3/4"									
Sails. One Suit of										Sails and the following spare sails 1									
EQUIPMENT No. 4185 LETTER										TONNAGE FOR TRAWLERS 156 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.																			
43110 1st Bower .. 4 2 12 1 0 12 7 0 0 0 4 2 0 Rodgers Not Stated Nethercon-15-1-00-Green																			
43113 2nd .. 4 0 2 1 0 1 6 10 0 0 4 0 0																			
43165 3rd .. 2 1 22 2 17 5 0 0 0 2 2 0																			
Collective weight 11' 0" 8'																			
Stream																			
Kedge																			
CHAIN CABLES.										HAWSERS AND WARPS.									
Number of Certificate. Fathoms. Size. Test per Certificate. Tons. Supplied. Per Table 22. 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.																			
30433 75 15 1/2 2 1/10 36 1-13 36 1-11 75 fms 1 1/2 Short Link Not Stated Nethercon-11-1-00-Green										TOWLINE 60 5 1/2 60 fms 5 1/2 HAWSER 60 3 1/2 60 3 1/2									
Iron Stream Chain or Steel Wire ...																			
Boats One																			
Pumps, Number Three										Diameter of Barrel 2-4 1/4 1-6 State whether they are in efficient working order Yes									
Windlass is Iron - Hand										Capstan 1									
Engine Room Skylights.-How constructed? Of Teak																			
What arrangements for deadlights in bad weather? Strong teak shutters & bulls eyes																			
Coal Bunker Openings.-How constructed? Plated - Flanged covers How are lids secured? Locking bars										Height above deck? 12"									
Number of Scuppers, and number and dimensions of Freeing Ports, &c. On each side - 3 Scuppers & 3 freeing ports 20" x 12"																			
Ceiling in Holds, thickness and material 2" Red Pine										Ceiling 'tween Decks, thickness and material 1"									
Cargo Hatchways.-How formed? Plates & Angles										Hatches.-If strong and efficient? Yes									
State size No. 1 Hatch (Forward) 3' 6" x 2' 6"										No. 2 Hatch 3' 6" x 4' 3" No. 3 Hatch No. 4 Hatch Yes									
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch 1																			
No. of Breasthooks Three										No. of Crutches None									
Bulwarks, height above deck and description 2' 6" - Steel - Built Iron Stays										Main Rail, material and size Built Angle - Steel - 6" x 3" x 1/2"									
The above is a correct description										PRO. SCHOFIELD, HAGERUP AND DOUGHTY, LTD.									
Builder's Signature (here only.)										Surveyor's Signature B. G. Oxford									
										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) April 25th 1898 (M)

MON. 2. APR. 1900

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? 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 above date, and in general conformity with the Rules for the class contemplated.

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

It will be observed that the 3rd anchor is 6 lbs lighter than required by Table 22.

The case is respectfully submitted for the favourable consideration of the Committee. This vessel is similar to the s/s "King Arthur" Grimsby Report No 49.

s/s "King Albert" " " 63

s/s "King Alfred" " " 118

s/s "King Athelstan" " " 151

Accompanying this report—Midship Section—Profile—Report of Ship Forgings

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. 1 ft., F'castle 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) 108 - 18 beams

Official No. 113/43; 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,					

* 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.

7 in builder's yard

DATES OF SURVEYS
held while building

1898 Dec 19. - 1899 May 4. - June 1, 8, 14. - July 5, 10, 17, 21, 25, 28. - Aug 3, 10, 15, 21, 30. - Sept 7, 14, 20, 27. - 1899 Oct 3, 6, 16, 25. - Nov 1, 7, 14, 21, 28. - Dec 4, 15. 1900 Jan 2, 5, 10, 16, 18, 23. - Feb 1, 6, 15, 20, 26. - Mar 6, 9, 13, 16, 24, 26, 29. - April 3, 9, 11, 17.

Total No. of Visits 54

The amount of Entry Fee £ 1 : 0 : 0

Special £ 7 : 11 : 0

Certificate £ :

Travelling Expenses, if any £ :

Fees applied for,

20th April 1900

Received by me,

14.8.1900

* Certificate to be sent to

Grimsby

State whether the Vessel has been built under Special Survey

Yes

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

With, or without Freeboard, as condition of Class

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

Committee's Minute

TUES. 24 APR 1900

Character assigned

100 A1 Steel
Steam Trawler

Lloyd's A.S.B.P. + L.M.B. 400.