

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

IRON OR STEEL STEAMER.

Received at London Office,

1 MAY 97

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

Date of completion of Report *30th April, 1897*
Date, First Survey *8th Jan. 97*
Heith *Rosslyn Castle*

Port of *Heith*
Last Survey *30th April, 1897*
Rig *Ketch rigged*
Master *J. Ingle*

Survey held at
The Iron Screw Steamer Trawler "Rosslyn Castle"
Under
Age Deck... 172.38
Poop
Raised Qr. 3.81
Break...
Bridge House
Forecastle
Houses on Deck
Access of Hatchways
Crown of
Room... 8.17
Tonnage 184.36
Space 24.77
Crown of 82.94
Room... 8.17
FOR FEES... 151.42
Line Room 92.21
Gation Spaces 8.50
r Tonnage
on Beam... 53.88

ONE OR TWO DECKED VESSEL.

CLASS 100 A1

Half Breadth (moulded) 10.5
Depth from upper part of Keel to top of Main Deck Bms. 12.548
Girth of Half Midship Frame (as per Rule) 18.50
1st Number 4158
Length 110.5
2nd Number 4594.59
Proportions—Breadths to Length 5.3
Depths to Length—Main Deck to top of Keel 8.8
Destined Voyage *Fishing N. Sea*

Year of appointment (1) As master in service of owner of present vessel:—18 97
(2) As master of this vessel:—18 97
Built at *Heith*
When built *1897* Launched *3rd April 97*
By whom built *Hawthorns & Co. (Lancs.)*
Owners *J. A. Smith*
Managers
(Where necessary to be entered in Reg. Book.)
Residence *Hull*
Port belonging to *Hull*

on Deck Rule 110 Feet. 6 Inches. BREADTH—Moulded 21 Feet. 0 Inches. DEPTH—Top of Floors to Main Deck Beams 11 Feet. 3 Inches. Power of Engines 60 Horse. No. of Decks with Flat laid One No. of Tiers of Beams 2
Moulded Depth, ft. 12 ins. 2 1/2 Round of Beam 5 inches.

FRAMING.		Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches per Rule Or as Approved.	16ths or 20ths per Rule ved.
Angles, L, E or L Bars, for 2/3 length amidships		3	2 1/2	5	3	2 1/2	5
at each end		3	2 1/2	5	3	2 1/2	5
way of Double Bottoms at Solid Floors.							
" " at intermdt. Bkts.							
of Frames from moulding edge to ing edge, all fore and aft		20			20		
SED FRAME, Angles		2 1/2	2 1/2	4	2 1/2	2 1/2	4
FRAMING, depth of girder							
8. depth and thickness of Floor Plate at mid-line for 2/3 length amidships		16	6		16	6	
way of Engines and Boilers			7			7	
ickness at the ends of vessel			6				
pth at 2/3 the half breadth, as per Rule							
ight extended at the Bilges							
S & BRACKETS, in Cell Dble Bottoms							
" Distance apart							
E GIRDER, in Double Bottom, depth and thickness							
" Angles, Top							
" " Bottom							
RDERS, number and thickness							
Angles							
PLATE, depth (exclusive of flange) and thickness							
Angles							
BOTTOM PLATING, breadth and thickness of Middle Line Strake							
thickness in Engine and Boiler space							
Remainder in Holds							
Main and Raised Quarter Deck, Angle, Bulb Angle, Plate or Tee Bulb		5	3	8	5	3	8
Angles on Upper Edge							
Average space		40			40		
Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb							
Angles on Upper Edge							
Average space							
Hold, Plate or Tee Bulb							
Angles on Upper Edge							
Average space							
Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on Upper Edge							
Average space							
Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on Upper Edge							
Average Space							
Forecastle Deck, Angle, Bulb Angle, Plate or Tee Bulb							
Angles on Upper Edge							
Average space							
In 'tween Decks, Size and Spacing							
" Hold		2 1/2	40		2 1/2	40	
Quarter, 'tween Dks., " "							
" " in Hold							
MES, In Fore Body, No. and Spacing							
" " Brdth. & Thickness							
No. of Side Stringers							
MES, In E. & B. Space, No. & Spacing							
" " Brdth. & Thickness							
MES, In After Body, No. and Spacing							
" " Brdth. & Thickness							
No. of Side Stringers							
of Angles or Tee Bars to Web Frames							
PLATES to Stringers between							
mes, Depth and Thickness							

FORGINGS AND CASTINGS.		Inches in Ship.	Inches per Rule Or as Approved.
KEEL, Bar or Side Plates depth and thickness		7 1/2 x 1 1/8	7 1/2 x 1 1/8
STEM, moulding and thickness		7 1/2 x 1 1/8	7 1/2 x 1 1/8
STERN-POST for Rudder do. do.		6 x 2 1/2	6 x 2 1/2
" for Propeller		2 1/2	2 1/2
MAIN PIECE of Rudder, diameter at head do. at heel		2 1/2	2 1/2
RUDDER, how constructed		Single Plate 5/8	
Can the Rudder be unshipped afloat?		yes	
KEELSONS AND STRINGERS.		Inches in Ship.	Inches per Rule Or as Approved.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		7 1/2	7
" Rider Plate			
" Bulb Plate to Intercoastal Keelson			
" Horizontal Plates on Floors			
" Angles		4	3
SIDE KEELSON, Angles			
" Bulb or Plate above floors for lng.			
" Intercoastal Plate for length			
" Attached to outside plating with Angle			
BILGE KEELSON, Angles			
" Bulb or Plate above floors for len.			
" Intercoastal Plate for length			
" Attached to outside plating with Angle			
BILGE STRINGER Angles		5	3
" Bulb Plate for length			
" Intercoastal Plate for length			
" Attached to outside plating with Angle			
SIDE STRINGER Angles		5	3
" Bulb or Intercoastal Plate for lng.			
" Attached to outside plating with Angle			
Main and Raised Quarter Deck Stringer Plate, breadth and thickness		23	6
" Angle on ditto		3 x 3 x	6
" Tie Plates fore & aft, outside Hatchways		8	6
" Diagonal Tie Plates on Bms., No. of Pairs			
" Main Dk* Iron or Steel for lng.			
" R. Q. Dk* Iron or Steel for lng.			
" Wood Deck, Material & thickness		3	3
Lower Deck Stringer Plate, breadth and thickness			
" Angles on ditto, No.			
" Tie Plates, outside Hatchways			
" Deck* Material and thickness			
Hold Stringer Plate			
" Angles on ditto, No.			
Poop Deck Stringer Plate, breadth & thickness			
" Angle on ditto			
" Tie Plates			
" Deck, Material and thickness			
Bridge Deck Stringer Plate, brdth & thickness			
" Angle on ditto			
" Tie Plates			
" Deck, Material and thickness			
Forecastle Deck Stringer Plate, brdth & theknss			
" Angle on ditto			
" Tie Plates			
" Deck, Material and thickness			

BULKHEADS.		Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up.
In Vessel.	Per Rule.	16ths or 20ths.	Horizontal.	Vertical.	Spacing.		
W.T. BULKHEADS	4	4	4	3 x 2 1/2	3 x 2 1/2	30	Double Upper
PARTITION							
LONGITUDINAL							

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

Lloyd's Register
Foundation

LTH566-0150(1/2)

PLATING.										RIVETING.									
STRAKES.	AS IN SHIP.				PER RULE OR AS APPROVED.		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.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.					Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.	Breadth.	Thickness.	Breadth.	For what Length.	
FLAT PLATE KEEL (If Bar Keel, state Riveting)																			
GARBOARD OF A Strake	33	7	7	7	33	7	Double	4 1/2	3 1/4	Double whole	3 1/4	3	9 1/4	7					
State actual thickness in way of Double Bottom.																			
B	39	6	5	5	6	6	Do	4	4	Do	5/8	2 1/2	8	6					
C	45	6	5	5	6	6	Do	4	4	Do	5/8	2 1/2	9	6					
D	39	7	6	6	7	7	Do	4	4	Do	3/4	3	9 1/4	8					
E	46	7	6	6	7	7	Do	4	4	Do	3/4	3	9 1/4	7					
F	38	6	5	5	6	6	Do	4	4	Do	5/8	2 1/2	8	6					
G Sheerstrake	32	8	6	6	30	8	Do	4	4	Do	3/4	3	9 1/4	9					
H																			
J																			
K																			
L																			
M																			
N																			
O																			
P																			
DOUBLING of Flat Plate Keel																			
Length of Bilges																			
Length of Sheerstrakes																			
Length of Strake below																			
POOP SIDES																			
RAISED QUARTER DECK SIDES																			
BRIDGE SIDES																			
FORECASTLE SIDES																			
LENGTHS OF PLATING	7 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.?										Main Stringer Plate (Butts, treble riveted for whole length amidship. Straps, single, double or overlapped for whole length amidship.)									
Stockton & N. Hartlepool										Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? Treble Double									
										Inner Bottom Plating, riveting of Edges Butts									
										Centre Girder Butts, riveted. Keelson Butts, treble riveted.									
										Frames, riveted through Plates with 3/4 in. Rivets, about 6" apart.									
										Rivets, state whether of Iron or Steel Iron									
FRAMES extend in one length from heel to gunwale																			
REVERSED FRAMES on floors and frames extend from middle line to side stringer, double in E & B space, in way of hold alternately to upper deck & side stringer.																			
MASTS, SPARS, &c.																			
Material.		Total length.		DIAMETER AND THICKNESS.				No. of Plates in round.		ANGLES.		RIVETING.							
				At Partners.		Heel. Hounds. Head.				Number. Size.		Seams. Butts.							
LOWER MASTS		Fore		Wood		39' 6"		11 x 1/4"		10 x 1/4"		5 x 1/4"							
Main		Steel		39' 6"		11 x 1/4"		10 x 1/4"		5 x 1/4"		2							
Mizen		Steel		39' 6"		11 x 1/4"		10 x 1/4"		5 x 1/4"		2							
Bowsprit		Wood		39' 6"		11 x 1/4"		10 x 1/4"		5 x 1/4"		2							
Topmasts, Yards and Remainder of Spars		Wood		39' 6"		11 x 1/4"		10 x 1/4"		5 x 1/4"		2							
Rigging, Material and Size, Shrouds		Steel wire 2 1/2"		39' 6"		11 x 1/4"		10 x 1/4"		5 x 1/4"		2							
Sails.		One		Suit of		39' 6"		11 x 1/4"		10 x 1/4"		2							
Sails and the following spare sails		One		Suit of		39' 6"		11 x 1/4"		10 x 1/4"		2							
EQUIPMENT NO. LETTER TONNAGE FOR TRAWLERS 172 tons U.D.K. ANCHORS.																			
Number of Certificate.		Anchors.		WEIGHT, EX STOCK.		WEIGHT OF STOCK.		TEST, PER CERTIFICATE.		WEIGHT REQ. BY RULE.		Description of Anchor.		Makers.		Where and when tested and Superintendent.			
				Cwts. qrs. lbs.		Cwts. qrs. lbs.		Tons. Cwts. qrs. lbs.		Cwts. qrs. lbs.									
18392		1st Bower		4 3 13		1 1 7		7 5 0 0		4 3 0		Ordinary 1st		Woodhouse Bros Ltd		30 March 97 C. L. Davies			
18391		2nd		4 1 0		1 0 4		6 12 2 0		4 1 0		Do		Do		Do			
		3rd		9 0 13						9 0 0									
		Collective weight																	
39205		Stream																	
		Kedge		2 2 0		0 2 15		5 0 0 0		2 2 0		Do		Do		Martin 10 April 97 H. Green			
		2nd Kedge																	
CHAIN CABLES.																			
Number of Certificate.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.		Description.		Makers of Cables.		When and where tested, and Superintendent.			
						Tons.		Supplied. Per Rule.											
16827		90		1 1/2		10 1/2 x 3/4		4 1/2 x 1 1/2		4 1/2 x 1 1/2		4 1/2 x 1 1/2		Close link Woodhouse Bros Ltd		14 April 97 C. L. Davies			
HAWSEARS AND WARPS.																			
Number of Certificate.		Fathoms.		Size.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Fathoms and Size Per Rule.		Description.		Makers of Cables.		When and where tested, and Superintendent.			
						Tons.		Supplied. Per Rule.											
16827		90		1 1/2		10 1/2 x 3/4		4 1/2 x 1 1/2		4 1/2 x 1 1/2		4 1/2 x 1 1/2		Close link Woodhouse Bros Ltd		14 April 97 C. L. Davies			
Boats																			
Pumps, Number 4																			
Windlass is Good																			
Engine Room Skylights.—How constructed? Leak, bulldozes in cover																			
What arrangements for deadlights in bad weather? Canvas cover																			
Coal Bunker Openings.—How constructed? Cast iron																			
How are lids secured? By steel & check																			
Height above deck? Flush																			
Number of Scuppers, and number and dimensions of Freeing Ports, &c. Each side 4 scuppers x 3 ports 21" x 9"																			
Ceiling in Holds, thickness and material 2" pine																			
Ceiling 'tween Decks, thickness and material. Lining																			
Cargo Hatchways.—How formed? Iron Comings																			
Hatches.—If strong and efficient? Yes																			
State size No. 1 Hatch (Forward) 1' 6" x 3' 0"																			
No. 2 Hatch 3' 6" x 3' 6"																			
No. 3 Hatch 2' x 3' 4"																			
No. 4 Hatch																			
Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch. None																			
No. of Breasthooks 2																			
No. of Crutches 2																			
Bulwarks, height above deck and description 2' 9" steel																			
Main Rail, material and size 6 1/2 x 1/2																			
The above is a correct description.																			
Builder's Signature (Here only.) James Ardman																			
Surveyor's Signature H. Paulsen																			
Surveyor to Lloyd's Register of British and Foreign Shipping.																			
DIRECTOR.																			

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

8th Decr. '96 M.

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? No

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

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

Workmanship & Material Good

This vessel is built in accordance with approved plan of Midship section, forwarded to the Secretary on the 26th April '97 and in conformity with the Rules.

Tested pumps & found in good working order, there are no sluice valves or watertight doors in bulkheads.

Approved plan of profile & a ship forging report are hereto attached.

The Surveyor should state the Number of Report and Name of any Sister Vessel. A sister vessel "Santallon Castle" (No. 63) is now building.

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) 1 Dk.

Official No. ; Signal Letters

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

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

Where fitted.	Length.	Water Capacity.	Where fitted.	Length.	Water Capacity.
Feet.	Tons.	Feet.	Feet.	Tons.	
Double bottom, aft,			Fore-peak tank,		
Double bottom, forward,			After-peak tank,		
Double bottom, under Engines and Boilers,			Midship deep tank,		
Double bottom, if under Engines only,			Other tanks, if fitted,		
Double bottom, if under Boilers only,			(If necessary, furnish further information by sketch.)		

State whether the above have been tested as required by the Rules

Order for Special Survey No. 675

Date 10th Decr. '96

Order for Ordinary Survey No.

Date 62

No. 62

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

Total No. of Visits 19

The amount of Entry Fee £ 100

Special £ 7

Certificate £ 1

Travelling Expenses, if any £

Fees applied for, 30th April 1897

Received by me, 1897

I am of opinion this Vessel should be Classed 100 A 1 "Steam Trawler"

With, or without Freeboard, as condition of Class

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

Committee's Minute

Character assigned 100 A 1

Steam Trawler

1 Dk L.A.C.P.

+ L.M.C.H. 97

1897

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