

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

IRON OR STEEL STEAMER.

MON. JUN 29 1896
Received at London Office.

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

Date of completion of Report *26th June 1896*

Port of *Leith*

Date, First Survey *4th March '96*

Last Survey *23rd June 1896*

Steamers "County of Zife"

Rig *Ketch*

ONE OR TWO DECKED VESSEL.

CLASS *100 A 1*

FEET.

Half Breadth (moulded) *9.5*

Depth from upper part of Keel to top of Main Deck Bms. *10.83*

Girth of Half Midship Frame (as per Rule) *16.5*

1st Number *36.83*

Length *89.08*

2nd Number *3280.8*

Proportions—Breadths to Length *4.68*

Depths to Length—Main Deck to top of Keel *8.16*

Destined Voyage *Anstruther*

Master *Not appointed*

Year of appointment

Built at *Leith*

When built *1896* Launched *11th June 1896*

By whom built *Sawthorns & Co*

Owners *The County Lt. Fishing Co. (Lim.)*

Managers

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

Residence *Anstruther*

Port belonging to *Kirkcaldy*

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

LENGTH on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH—	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
as per Rule	89	1	Moulded	19	—	Top of Floors to Main Deck Beams.	9	8	Engines	34	No. of Tiers of Beams
Dimensions of Ship per Register, Length, <i>90.2</i> breadth, <i>19.1</i> depth, <i>9.65</i> Moulded Depth, ft. <i>10</i> ins. <i>6</i> Round of Beam <i>5</i> inches.											

FRAMING.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
FRAME, Angles, <i>L</i> , <i>E</i> or <i>C</i> Bars, for $\frac{3}{4}$ length amidships	2½	2½	5	2½	2½	5
Do. for $\frac{1}{2}$ at each end						
Do. in way of Double Bottoms at Solid Floors						
Distance of Frames from moulding edge to moulding edge, all fore and aft		20		20		
REVERSED FRAME, Angles	2½	2½	5	2½	2½	5
DEEP FRAMING, depth of girder						
FLOORS, depth and thickness of Floor Plate at mid-line for $\frac{3}{4}$ length amidships		15	5	15	5	
in way of Engines and Boilers		6x7		6x7		
thickness at the ends of vessel		5		5		
depth at $\frac{3}{4}$ the half breadth, as per Rule						
height extended at the Bilges						
FLOORS & BRACKETS, in Cell Dble Bottoms						
Distance apart						
ENTRE GIRDER, in Double Bottom, depth and thickness						
Angles, Top						
Bottom						
SIDE GIRDERS, number and thickness						
Angles						
MARGIN 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						
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	7	5	3	7
Angles on Upper Edge						
Average space	40		40			
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb						
Angles on Upper Edge						
Average space						
BEAMS, 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						
CLARS, In 'tween Decks, Size and Spacing						
Hold	2½	40	2½	40		
Quarter, 'tween Dks.						
in Hold						
WEB FRAMES, In Fore Body, No. and Spacing						
Brdth. & Thickness						
No. of Side Stringers						
WEB FRAMES, In E. & B. Space, No. & Spacing						
Brdth. & Thickness						
WEB FRAMES, In After Body, No. and Spacing						
Brdth. & Thickness						
No. of Side Stringers						
Size of Angles or Tee Bars to Web Frames						
ACKET PLATES to Stringers between Web Frames, Depth and Thickness						

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule.
KEEL, Bar or Side Plates depth and thickness	6 x 1½	6 x 1½
STEM, moulding and thickness	6 x 1½	6 x 1½
STERN-POST for Rudder do. do.		
for Propeller	5¼ x 2¼	5¼ x 2¼
MAIN PIECE of Rudder, diameter at head	4	4
do. at heel	2½	2½

RUDDER, how constructed *Single plate 10/20*
Can the Rudder be unshipped afloat? *yes*

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	8½	7	8½	7	
Rider Plate	6½	7	6½	7	
Bulb Plate to Intercoastal Keelson					
Horizontal Plates on Floors					
Angles	3	3	6	3	6
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	5½	3½	8	5½	3½ 8
Bulb Plate for length					
Intercoastal Plate for length					
Attached to outside plating with Angle					
SIDE STRINGER Angles	5½	3½	8	5½	3½ 8
Bulb or Intercoastal Plate for lng.					
Attached to outside plating with Angle					

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	20	6	20	6
Angle on ditto	3 x 3 x	6	3 x 3 x	6
Tie Plates fore & aft, outside Hatchways	7	6	7	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 <i>P. Pine</i>	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 & thcknss				
Angle on ditto				
Tie Plates				
Deck, Material and thickness				

* If Iron or Steel Deck, state if whole or part, and if wood deck is laid thereon.

BULKHEADS.	Number.		Thickness.	STIFFENERS.			Single or Double Frames.	Height up.
	In Vessel.	Per Rule.		Horizontal.	Vertical.	Spacing		
				Inches.	Inches.	Inches.		
W. T. BULKHEADS	3	3	10th or 20ths. 5 2 1/2 x 2 1/2	5 2 1/2 x 2 1/2	5 2 1/2 x 2 1/2	30	Double	Upper St
PARTITION "	✓							
LONGITUDINAL "	✓							

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

Lloyd's Register
Foundation

LTH 566-0059 (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.	Diam.	Spacing or to cr.	Double or Treble and for what Length.	Diam.	Spacing or to cr.	Breadth.	Thick-ness.	Breadth.	For what Length.
	Breadth.	Thickness.	Thickness.	Thickness.	Breadth.	Thickness.	Breadth.	Thickness.											
FLAT PLATE KEEL (If Bar Keel, state Riveting)																			
GARBOARD OR A STRAKE	30	6	6	6		6	Single	2 1/4	5/8	2 1/2	Double	5/8	2 1/4	8	6				
State actual thickness in way of Double Bottom.																			
B	41	6	6	6		6													
C	41	6	6	6		6													
D	41	6	6	6		6													
E	43	5	5	5		5													
F	30	7	5	5		7	Double	4 1/2	3/4	3 1/2	Double	3/4	2 5/8	9 3/4	8				
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																			
BEIDGE 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. Liemens Martin

Lanarkshire, Kallide, Mossend, Cambuslang
Blochan, Wishaw

Main Stringer Plate Butts, double 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: treble double.

Inner Bottom Plating, riveting of Edges Butts
Centre Girder Butts double riveted. Keelson Butts, treble riveted.

Frames, riveted through Plates with 5/8 in. Rivets, about 4 1/2 apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Keel to Summole

REVERSED FRAMES on floors and frames extend from middle line to upper turn of bilges & double in 2 B. space

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										
	Main										
	Mizen										
2 wood polemasts of P. Pine											
Topmasts, <u>Yankee</u> and Remainder of Spars <u>Wood</u>											
Rigging, Material and Size, <u>Shrouds</u> <u>Steel wire</u>											
Sails, <u>Am</u> Suit of											
Stays <u>do</u>											
Sails and the following spare sails											

EQUIPMENT No. ✓ LETTER ✓ TONNAGE FOR TRAWLERS 105.12 U.Dk.

ANCHORS. Equipment approved per Secretary's letter 14.6.96

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.
37647	1st Bower	3	2	6	0	3	15	6	0	3	21	3	2	0	Ordinary Iron Lb.	Woodhouse Bros. Wktn. 30 April 96	H. Green
37646	2nd	3	2	6	0	3	9	6	0	3	21	3	2	0	do	do	do
	3rd																
	Collective weight	7	0	12							7	0	0				
37643	Stream	2	0	3	0	2	2	4	12	2	0	2	0	0	do	do	do
	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.	HAWSERS AND WARPS.		
			Cwts.	qrs.	Supplied.	Per Rule.					Material.	Fathoms.	Size.
27178	60	1 3/16	17.16	0.0	20.1	22.0	1.11	60 - 17	Lead Lb. Woodhouse Bros. Wktn. 30 April 96		TOWLINE	60	5 1/2
											HAWSER	60	3
											WARP		

Boats One

Pumps, Number 2 Diameter of Barrel and Tail Pipe 4 1/2 x 2 1/4

Windlass is Emerson, Walker & Thompsons Iron Patent Captain

Engine Room Skylights.—How constructed? Iron Casing with glass bullseyes in sides

What arrangements for deadlights in bad weather? ✓

Coal Bunker Openings.—How constructed? Circular 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 2 scuppers & 3 ports 22' x 12

Ceiling in Holds, thickness and material. 2" white pine Ceiling 'tween Decks, thickness and material. Lining of pine

Cargo Hatchways.—How formed? Iron Comings Hatches.—If strong and efficient? Yes

State size No. 1 Hatch (Forward). 3' 4" x 3' 4" No. 2 Hatch No. 3 Hatch No. 4 Hatch No. 4 Hatch

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch No. of Breasthooks 2 No. of Crutches 2

Bulwarks, height above deck and description 50 steel 30" high Main Rail material and size 3 x 1 1/2 iron

The above is a correct description. ✓

Builder's Signature (here only.) Hawthornes & Co. Ltd. Surveyor's Signature H. Paulsen
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)

15th Febr. 96; 19th Febr. 96; 20th May; 14th June, 96.

Workmanship. Are the butts of plating planed or otherwise fitted? All capped except garb. & sheerstrakes

Is the riveted work properly closed? Yes

Are the liners between the frames and plates solid single pieces? Yes

to plate, &c., conform well to each other? Yes

from the faying surfaces? Yes

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

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

Workmanship & Material Good
This is a sister ship of S. S. "Isle of May" (Hull No. 57) and is built in accordance with the copy of approved plan of midship section forwarded to the Secretary on the 22nd June, 1896, and in conformity with the Rules.

Decks & Cuttoverways flooded & found tight; pumps & sluice cock are in good working order. There are no watertight doors in bulkheads.

A Ship Laying Report is hereto attached.

"Halls Castle" Report 8138
The Surveyor should state the Number of Report and Name of any Sister Vessel. "Isle of May" 8147

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 St.

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. Feet.	Water Capacity. Tons.	Where fitted.	Length. Feet.	Water Capacity. 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. 656
Date 12th Febr. 1896
Order for Ordinary Survey No. —
Date —
No. 59 in builder's yard

1st. On the several parts of the frame, when in place, and before the plating was wrought Under special survey & surveyed
2nd. On the plating during the process of riveting 1896 March 4.9.21
3rd. When the beams were in and fastened and before the decks were laid April 8.15.16.22.30. May 6.20.27.
4th. When the ship was complete, and before the plating was finally coated or cemented June 1.2.3.5.10.18.20.22.24
5th. After the ship was launched and equipped

Total No. of Visits 20

The amount of Entry Fee £ 1 Fees applied for, 26th June, 1896
Special £ 7
Certificate £ —
Travelling Expenses, if any £ —

Received by me, 2.7.1896
H. Paulsen
Surveyor to Lloyd's Register of British and Foreign Shipping.

I am of opinion this Vessel should be Classed 100 A1 Steel
With, or without Freeboard, as condition of Class For Fishing Purposes

Committee's Minute TUES. JUN 30 1896
Character assigned 100 A1 Steel for fishing purposes 10K h.v.