

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

# IRON OR STEEL STEAMER.

Received at London Office,

MON. APL 13 1896

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

Date of completion of Report

April 11<sup>th</sup> 1896

Port of

aberdun

No. 5165 Survey held at

aberdun

Date, First Survey

Dec. 17<sup>th</sup> 1896

Last Survey

April 11<sup>th</sup> 1896

On the

S.S. "Agnes"

Rig

Schooner

TONNAGE under  
Tonnage Deck...

117.85

ONE OR TWO DECKED VESSEL.

Master

John Scott

CLASS

100A - For Fishing Purposes

Year of appointment

(1) As master in service of  
owner of present vessel: - 1896  
(2) As master of this  
vessel: - 1896

Do. of Poop

Do. of Raised Qr.

Do. or Break...

Bridge House

Forecastle

Houses on Deck

Access of Hatchways

Over Crown of

Engine Room

Crew Space

Over Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Register Tonnage

as cut on Beam

41.22

Half Breadth (moulded)

9.75

Built at

aberdun

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

11.00

When built

1896

Launched March 28<sup>th</sup> 1896

Girth of Half Mainship Frame (as per Rule)

16.33

By whom built

A. Hall & Co

1st Number

37.08

Owners

George Mitchell Chalmers

Length

94

Managers

do

2nd Number

348532

(if here necessary to be entered in Reg. Book)

Proportions - Breadths to Length

4.8

Residence

85 Kenzie Road

Depths to Length - Main Deck to top of Keel

8.5

Port belonging to

Lorry aberdun

Destined Voyage

Fishing off the coast

If Surveyed while Building, Afloat, or in Dry Dock

Yes

LENGTH on Deck	Feet.	Inches.	BREADTH	Feet.	Inches.	DEPTH	Feet.	Inches.	Power of	Horse.	No. of Decks with Flat laid
as per Rule	94	0	Moulded	19	6	Top of Floors to Main Deck	10	0	Engines	45	No. of Tiers of Beams
						Beams					

Dimensions of Ship per Register, Length, 96.35 breadth, 19.4 depth, 10.05 Moulded Depth, ft. 10 ins. 4 Round of Beam 5 inches.

FRAMING.				FORGINGS AND CASTINGS.			
Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.	Inches in Ship.	Inches in Ship.	16ths or 20ths in Ship.	Inches per Rule Or as Approved.
FRAME, Angles, $\frac{1}{2}$ E or L Bars, for $\frac{1}{2}$ length amidships				KEEL, Bar or Side Plates depth and thickness			
Do. for $\frac{1}{2}$ at each end	3	2 1/2	5 1/3	2 1/2	5	3	2 1/2
Do. in way of Double Bottoms at Solid Floors				STEM, moulding and thickness	1 1/2	18	1 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	21		21	STERN-POST for Rudder do. do.	5 1/2	2 1/2	5 1/2
REVERSED FRAME, Angles	2 1/2	2 1/2	5 1/2	for Propeller	5 3/4	2 1/2	5 3/4
DEEP FRAMING, depth of girder	12		5 1/2	MAIN PIECE of Rudder, diameter at head	3 1/2		3 1/2
FLOORS, depth and thickness of Floor Plate	12		6 1/2	do. at heel	2		2
at mid-line for $\frac{1}{2}$ length amidships	12		6 1/2	RUDDER, how constructed			
in way of Engines and Boilers	12		7 1/2	Can the Rudder be unshipped afloat?	Yes		
thickness at the ends of vessel	4	1	4	KEELSONS AND STRINGERS.			
depth at $\frac{1}{2}$ the half breadth, as per Rule				CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate	7	9	7
height extended at the Bilges	4	1	4	Rider Plate			
FLOORS & BRACKETS, in Cell Dble Bottoms				Bulb Plate to Intercoastal Keelson			
Distance apart				Horizontal Plates on Floors	5	3	8
CENTRE GIRDER, in Double Bottom, depth and thickness				Angles	5	3	8
Angles, Top				SIDE KEELSON, Angles			
Bottom				Bulb or Plate above floors for length			
DE GIRDERS, number and thickness				Intercoastal Plate for length			
Angles				Attached to outside plating with Angle	5	4	8
MARGIN PLATE, depth (exclusive of flange) and thickness				BILGE KEELSON, Angles			
Angles				Bulb or Plate above floors for length			
LOWER BOTTOM PLATING, breadth and thickness of Middle Line Strake				Intercoastal Plate for length			
thickness in Engine and Boiler space				Attached to outside plating with Angle	5	4	8
Remainder in Holds				BILGE STRINGER Angles			
BEAMS, Main and Raised Quarter Deck, Single Angle, Bulb Angle, Plate or Tee Bulb	5	3	4	Bulb Plate for length			
Angles on Upper Edge				Intercoastal Plate for length			
Average space	42		42	Attached to outside plating with Angle	5	4	8
BEAMS, Lower Deck, Single Angle, Bulb Angle, Plate or Tee Bulb				SIDE STRINGER Angles			
Angles on Upper Edge				Bulb or Intercoastal Plate for length			
Average space				Attached to outside plating with Angle			
BEAMS, Hold, Plate or Tee Bulb				Main and Raised Quarter Deck Stringer Plate, breadth and thickness	22	6 1/2	22
Angles on Upper Edge				Angle on ditto	3	3	6
Average space				Tie Plates fore & aft, outside Hatchways	7	6 1/2	7
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb				Diagonal Tie Plates on Bms., No. of Pairs			
Angles on Upper Edge				Main Dk* Iron or Steel for			
Average space				R. Q. Dk* Iron or Steel for			
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate or Tee Bulb				Wood Deck, Material & thickness	5	3	5
Angles on Upper Edge				Lower Deck Stringer Plate, breadth and thickness			
Average space				Angles on ditto, No.			
BEAMS, Forecastle 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			
PILLARS, In 'tween Decks, Size and Spacing				Angles on ditto, No.			
Hold	2 1/2		42	Poop Deck Stringer Plate, breadth & thickness			
Quarter, 'tween Dks.,				Angle on ditto			
in Hold				Tie Plates			
WEB FRAMES, In Fore Body, No. and Spacing				Deck, Material and thickness			
Brdth. & Thickness				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			
No. of Side Stringers				Forecastle Deck Stringer Plate, brdth & thcknss			
Size of Angles or Tee Bars to Web Frames				Angle on ditto			
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness				Tie Plates			
				Deck, Material and thickness			



S.S. "Agnes"

205165

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 or to cr.			Diam.	Spacing or to cr.		Breadth.	Thickness.	Breadth.	For what Length.		
FLAT PLATE KEEL..... (If Bar Keel, state Riveting) GARBOARD OR A Strake ...	39	7	7	7	39	7			Double	4 1/2	3/4	3" D. Whole	3/4	2 3/8	9 3/4	20			
State actual thickness in way of Double Bottom.	48	6	6	6	48	6			Single	2 1/2	3/4	3" D. Whole	3/4	2 3/8			5" whole		
B "	48	7	6	6	48	7 1/2			Single	2 1/2	3/4	3" D. Whole	3/4	2 3/8			1 1/2" whole		
C "	48	7	6	6	48	7 1/2			Double	4 1/2	3/4	3" D. Whole	3/4	2 3/8	9 3/4	20			
D "	36	8	7	7	36	8 1/2			Single	2 1/2	3/4	3" D. Whole	3/4	2 3/8	9 3/4	20			
Sheer (E) "																			
F "																			
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 .....																			
RAISED QUARTER Dk. SIDES																			
BRIDGE SIDES .....																			
FORECASTLE SIDES .....																			
LENGTHS OF PLATING.....																			

The rivets in the seams and butts of strakes B C & D are 3/8" for about two plate-lengths at each end of the ship and are spaced as per rule

3 Butts amidships on each side in the C strake are riveted with 3/8" rivets - pitched as per rule.

This is due to the pitch having been wrongly set off in the case of these 6 butts

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.?

*Siemens Martin Steel - Newton, Miskin - Palmers*

Main Stringer Plate Butts, ~~double~~ riveted for *all* length amidship.

Straps, single, double or overlapped for *all* length amidship.

Butts of Bilge & Side Stringers, and Tie Plates, ~~double~~ riveted? *yes*

Inner Bottom Plating, riveting of Edges *none* Butts *and*

Centre Girder Butts, *yes* riveted. Keelson Butts, *overlapped* riveted.

Frames, riveted through Plates with *3/4*" in. Rivets, about *5*" apart.

Rivets, state whether of Iron or Steel *steel*

FRAMES extend in one length from *heel* to *gunwale*

REVERSED FRAMES on floors and frames extend from *Centre line of ship to upper turn of bilge*

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 .....	<i>Pine</i>	<i>49-6</i>	<i>11</i>	<i>10</i>	<i>8</i>	<i>2 1/2</i>					
Main .....	<i>Pine</i>	<i>38-6</i>	<i>11</i>	<i>10</i>	<i>7 1/2</i>	<i>2 1/2</i>					
Mizen .....											
Bowsprit											
Topmasts, Yards and Remainder of Spars	<i>a fore + main gaff each 15-0 long. The main boom 14-9 long.</i>										
Rigging, Material and Size, Shrouds	<i>2 1/2" steel wire</i>										
Sails.	<i>one</i>	Suit of <i>fore + aft</i>	Sails and the following spare sails <i>none</i>								

EQUIPMENT No.		LETTER	TONNAGE FOR TRAWLERS 117.8 U.Dk.		ANCHORS.			
Number of Certificate.	Anchor.	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.			
37230	1st Bower ..	3 3 24	0 3 24	6 7 2 0	4 0 0	<i>ordinary</i>	<i>Jones &amp; Lloyd</i>	<i>Referton 10/196 H. Green</i>
	2nd ..				4 0 0			
	3rd ..				2 1 0			
	Collective weight	3 3 24			10 1 0			
	Stream ..							
	Kedge .....							
	2nd Kedge ..							

CHAIN CABLES.										HAWSERS 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.	Material.	Fathoms.	Size.	Breaking Test of Steel Wire Towline.	Fathoms and Size Per Rule.
				Supplied.	Per Rule.									
26983	60	1 1/2	20-12-2-0 13-15-0-0	24-1-1	23-1-17	60-1 1/2	<i>ship link</i>	<i>Jones &amp; Lloyd</i>	<i>Referton 14/196 H. Green</i>	<i>iron</i>	60	5 1/2		60-5 1/2
										<i>manilla</i>	60	3		60-3
										<i>WARP</i>				
Iron Steam Chain or Steel Wire. ...														

Boats *one* 16-0 x 6-0 x 3-9

Pumps, Number *three* Diameter of Barrel and Tail Pipe *4" x 3" Barrels + tail pipes 4" x 3" x 2 1/2"*

Windlass is *Iron* Capstan *none*

Engine Room Skylights.—How constructed? *steel*

What arrangements for deadlights in bad weather? *slide rods + panes*

Coal Bunker Openings.—How constructed? *Iron malar frames* How are lids secured? *turned bolt lids* Height above deck? *flush*

Number of Scuppers, and number and dimensions of Freeing Ports, &c. *3 Scuppers + 3 freeing ports on each side 4" ports 21" x 16"*

Ceiling in Holds, thickness and material *2" Pine* Ceiling 'tween Decks, thickness and material *yes*

Cargo Hatchways.—How formed? *steel frames* Hatches.—If strong and efficient? *yes*

State size No. 1 Hatch (Forward) *2-0" sq-* No. 2 Hatch *3-0 x 4-0* No. 3 Hatch *yes* No. 4 Hatch *yes*

Number of Web Plates, Shifting Beams, and Fore and Afters to each Hatch

No. of Breasthooks *2* No. of Crutches *yes*

Bulwarks, height above deck and description *steel 2-6"* Main Rail, material and size *steel 5 1/2 x 2 1/2 x 1/2 round 2 1/2" apart*

The above is a correct description.

Builder's Signature (here only) *Al. J. M. H.* Surveyor's Signature *Maurice Gibson*

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).  
 Dec 5<sup>th</sup> 1895—Letter M—Feb 21<sup>st</sup> 1896 Letter E.  
 Workmanship. Are the butts of plating planed or otherwise fitted? *Yes*  
 Are 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?  
 Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *Yes* Are the 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*

General Remarks (State quality of workmanship, &c.) *This is a steel vessel intended to be used for line fishing purposes. She has been constructed under special survey in accordance with the rules requirements & the approved plans. The materials & workmanship are good. On completion the decks, walkways & peaks have been tested by water. The pumps have also been tried with satisfactory results. The deck over the E & B space is steel, wood covered.*

The midship section forwarded on the 8<sup>th</sup> inst.—The Longitudinal section & Framing Reports herewith enclosed—  
 This vessel is the same as the D.D. Phalarope except in a few minor details—see the abn Rept No 5128—Feb 1<sup>st</sup> 1896—

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

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. *106536*; Signal Letters *None*  
 How are the surfaces preserved from oxidation? Inside *by cement & paint* Outside *by paint*

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system. *None*

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

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

Order for Special Survey No. *223* Date *Nov 25<sup>th</sup> 1895*  
 Order for Ordinary Survey No. *✓* Date *✓*  
 1st. On the several parts of the frame, when in place, and before the plating was wrought *1895—Dec—17. 20. 24. 27 & 30*  
 2nd. On the plating during the process of riveting *1896—Jan—10. 14. 17. 21. 27. 31*  
 3rd. When the beams were in and fastened and before the decks were laid *" Feb—6. 10. 12. 17. 24. 27—March 4<sup>th</sup>*  
 4th. When the ship was complete, and before the plating was finally coated or cemented *" March 6. 10. 13. 17. 20. 24. 27*  
 5th. After the ship was launched and equipped *" March 30. 31. April 1. 2. 6. 8. 9. 11* Total No. of Visits *33*

The amount of Entry Fee .....£ *1* : *0* :  
 Special.....£ *4* : *0* :  
 Certificate\* £ : :  
 Travelling Expenses, if any £ : :  
 Fees applied for, *April 11<sup>th</sup> 1896*  
 Received by me, *15-41896*  
 \* Certificate to be sent to *This office*  
 In opinion this Vessel should be Classed *+ 100A—For Fishing Purposes*  
 With, or without Freeboard, as condition of Class *Not required*  
 Surveyor to Lloyd's Register of British and Foreign Shipping. *Maurice Pitson*

Committee's Minute *TUES. APR 14 1896*  
 Character assigned *100A—Steel for fishing purposes*  
*+ 2 mch. qb*  
*10k*