RETAIN

1 ~~or 2 Dks., R.Q.Dk., and Pt. Awng. Dk.~~ ~~IRON OR~~ STEEL STEAMER.

No. 127286

RECEIVED 23 DEC 1908

State if Report is also sent on the Machinery of the Vessel Yes. *Received at London Office*

Date of completion of Report 12th Dec. 1908 *Port of* Glasgow

Date, First Survey 24th Augt. 1908. *Last Survey* 9th Dec. 1908

Survey held at Bowling

On the Steel Screw Steamer **"AGNES ELLEN"** *Rig* Schooner

ONE ~~OR TWO~~ DECKED VESSEL.

CLASS ✠ 100 A.1

Master H. Richardson

Year of appointment (1) *As master in service of owner of present vessel:*—19 (2) *As master of this vessel* 19 08

Built at Bowling

When built 1908 *Launched* 24th Nov. 1908

By whom built Scott & Sons

Owners James, Henry, Monks (Preston) Ld.

Managers

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

Residence Old Harbour Office, The Docks, Preston.

Port belonging to Liverpool

Destined Voyage Coasting *If Surveyed while Building, Afloat, or in Dry Dock* While building

TONNAGE under Tonnage Deck	224·4
Do. of Poop	
Do. of Raised Qr. Dk. or Break	30·21
Do. of Bridge House	12·66
Do. of Forecastle	·99
Do. of Houses on Deck	3·43
Do. of excess of Hatchways	11·89
Do. above Crown of Engine Room	
Gross Tonnage	283·58
Less Crew Space	34·37
Less above Crown of Engine Room	
TONNAGE FOR FEES	249·21
Less Engine Room	122·22
Less Navigation Spaces	27·00
Register Tonnage *as cut on Beam*	99·99

	FEET.
Half Breadth (*moulded*)	11·50
Depth *from upper part of Keel to top of Main Deck Bms.* (*with the normal round up of beam*)	11·47
Girth *of Half Midship Frame* (*as per Rule*)	21·25
1st Number	44·22
Length *on deck from after part of stem to fore part of stern post*	129
2nd Number	5704·38
Proportions—*Breadths to Length*	5·6
Depths to Length—Main Deck to top of Keel	11·24

	Feet.	Inches.		Feet.	Inches.		Feet.	Inches.	
LENGTH on Deck as per Rule	129	0	**BREADTH**—Moulded	23	0	**DEPTH, ACTUAL**—Top of Floors to top of Main Deck Beams	10	4	No. of Decks with Flat laid one No. of Tiers of Beams one

Dimensions of Ship per Register, Length, 130·4 breadth, 23·4 depth, 10·1. Moulded Depth, 11 ft. 0 ins. Round of Beam, Actual 7 ins.

FRAMING.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule Approved	20ths per Rule ved.
FRAME, ~~Angles, T, E or~~ L Bars, ~~for ⅓ length amidships~~	4½	3	8	4½	3	8
~~Do. for ⅓ at each end~~						
~~Do. in way of Double Bottoms at Solid Floors~~						
,, ,, ~~at intermdt. Bkts.~~						
Spacing of Frames from centre to centre		21			21	
REVERSED FRAME, Angles ~~across floors~~	2½	2½	5	2½	2½	5
DEEP FRAMING, depth of girder	4½			4½		
FLOORS, depth and thickness of Floor Plate at mid-line for ⅔ length amidships	15	X	6	15	X	6
,, in way of Engines and Boilers			7-8			7-8
,, thickness at the ends of vessel			6			6
,, depth at ¾ the half breadth, as per Rule			Straight across			
,, height extended at the Bilges			in Section			
~~**FLOORS & BRACKETS, in Cell Dble Bottoms**~~						
,, ,, state if flanged (top & bottom)						
,, ,, Spacing						
CENTRE GIRDER, in Double Bottom, depth and thickness						
,, ,, Angles, Top						
,, ,, ,, Bottom						
SIDE GIRDERS, number on each side & thickness						
,, ,, state if flanged (top & bottom)						
,, Angles						
MARGIN PLATE, depth (exclusive of flange) and thickness						
,, Angles to Outside Plating						
,, ,, Floors						
,, Height of Floors at the Bilges						
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~~	4½	3	6	4½	3	6
,, ~~Angles on Upper Edge~~						
,, Spacing		21			21	
~~**BEAMS, Lower Deck,** Single Angle, Bulb Angle, Plate or Tee Bulb~~						
,, Angles on Upper Edge						
,, Spacing						
BEAMS, Hold, Plate or Tee Bulb						
,, Angles on Upper Edge						
,, Spacing						
BEAMS, Poop Deck, Angle, Bulb Angle, Plate or Tee Bulb						
,, Angles on Upper Edge						
,, Spacing						
BEAMS, Bridge or Pt. Awng. Deck, Angle, ~~Bulb Angle, Plate, or Tee Bulb~~	4½	3	6	4½	3	6
,, ~~Angles on Upper Edge~~						
,, Spacing		42			42	
BEAMS, Forecastle Deck, Angle, ~~Bulb Angle, Plate or Tee Bulb~~	5	3	7	5	3	7
,, ~~Angles on Upper Edge~~						
,, Spacing		42			42	
PILLARS, In ~~'tween Decks,~~ Size and Spacing						
,, ,, **Hold** ,, ,,	2½	@ 42"		2½	@ 42"	
,, ~~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**						
BRACKET PLATES to Stringers between Web Frames, Depth and Thickness						

FORGINGS AND CASTINGS.

	Inches in Ship.	Inches per Rule. Or as Approved.
KEEL, Bar or Side Plates depth and thickness	7 X 1½	7 X 1½
STEM, moulding and thickness	Do.	Do.
STERN-POST for Rudder do. do.	6 X 3	6 X 3
,, for Propeller	Do.	Do.
MAIN PIECE of **Rudder,** diameter at head	4¾	4¾
,, do. at heel	3½	3½

RUDDER, how constructed Single Plate. Arms at each pintle

Can the Rudder be unshipped afloat? Yes.

KEELSONS AND STRINGERS.

	Inches in Ship.	Inches in Ship.	20ths in Ship.	Inches per Rule Or as	Inches per Rule Approved	20ths per Rule ved.
CENTRE LINE KEELSON, Vertical Plate above floors, ~~Through Plate, or Intercostal Plate~~	16	X	8	16	X	8
,, Rider Plate	6½	X	8	6½	X	8
,, ~~Bulb Plate to Intercostal Keelson~~						
,, ~~Horizontal Plates on Floors~~						
,, Angles	3	3	6	3	3	6
SIDE KEELSON, Angles (2)	4	3	7	4	3	7
,, ~~Bulb or Plate above floors for lng.~~						
,, Intercostal Plate for practicable length			6			6
,, Attached to outside plating with Angle	3	3	7	3	3	7
BILGE KEELSON, Angles (2)	6	3	8	6	3	8
,, ~~Bulb or Plate above floors for lng.~~						
,, Intercostal Plate for length						
,, Attached to outside plating with Angle						
BILGE STRINGER Angles						
,, Bulb Plate for length						
,, Intercostal Plate for length						
,, Attached to outside plating with Angle						
SIDE STRINGER Angles	6	3	8	6	3	8
,, Bulb or Intercostal Plate for R.R.D. lng.			7			7
,, Attached to outside plating with Angle	3	3	7	3	3	7

Main and Raised Quarter Deck Stringer Plate, breadth and thickness	5·4	6/16	5·4 6/16
,, Angle on ditto	3 X 3	6/16	3 X 3 6/16
,, ~~Tie Plates, outside Hatchways~~			
,, ~~Diagonal Tie Plates on Bms., No. of Pairs~~			
,, Main Dk* ~~Iron or~~ Steel for full lng.		5/16	5/16
,, R. Q. Dk* ~~Iron or~~ Steel for full lng.		5/16	5/16
,, ~~Wood Deck, Material & thickness~~			
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 or Pt. Awning Deck Stringer Plate, breadth and thickness	30	6	30 6
,, Angle on ditto	3 X 3	6/16	3 X 3 6/16
,, Tie Plates	7	6	7 6
,, Deck, Material and thickness P.P.	5 X 2½		5 X 2½
Forecastle Deck Stringer Plate, brdth & thckns	21	6	21 6
,, Angle on ditto	3 X 3	6/16	3 X 3 6/16
,, Tie Plates Centre plate		6/20	6/20
,, Deck, Material and thickness P.P.	5 X 2½		5 X 2½

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

BULKHEADS. STIFFENERS.

BULKHEADS.	Number. In Vessel.	Number. Per Rule.	Thickness. Inches. 20ths.	Horizontal. Size. Inches.	Horizontal. Spacing Inches.	Vertical. Size. Inches.	Vertical. Spacing Inches.	Single or Double Frames.	Height up.
W.T. BULKHEADS	3	3	5	3X2½X6/20	48	3X2½X6/20	30	Single S.R.	Deck
PARTITION ,,	✓								
LONGITUDINAL ,,	✓								

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

Are the Sluice Valves and Watertight Doors in efficient working order? ~~None~~.

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Rpt. 1A. 1m,4,7.

W1363-0047½

PLATING. / RIVETING.

STRAKES.	As in Ship: Amidship Breadth (Inches)	Amidship Thickness (16ths or 20ths)	Forward Thickness (16ths or 20ths)	Aft Thickness (16ths or 20ths)	Per Rule or as Approved: Amidship Breadth (Inches)	Amidship Thickness (16ths or 20ths)	Edges (Ordinary or Joggled? ordinary): Single or Double	Breadth of Lap (Inches)	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Butts: Double or Treble and for what Length	Rivets Diam. (Inches)	Rivets Spacing cr. to cr. (Inches)	Straps Breadth (Inches)	Straps Thickness (20ths)	If Lapped Breadth (Inches)	If Lapped For what Length (Feet)
~~Flat Plate~~ Keel Bar (If Bar Keel, state Riveting)							Ruled		1	5							
Garboard or A Strake	30	8/20	8/20	8/20	30	8/20	Double	4½	3/4	3	Double	3/4	2 5/8	10	9	✓	✓
B (State actual thickness in way of Double Bottom)		6/16	6/16	6/16		6/16	Do.	4½	3/4	3	Treble	3/4	2 5/8	✓	–	7½	full
C		6/16	6/16	6/16		6/16	Do.	4½	3/4	3	Do.	3/4	2 5/8	✓	–	7½	"
D		6/16	6/16	6/16		6/16	Do.	4½	3/4	3	Do.	3/4	2 5/8	–	–	7½	full
E		6/20	5/20	5/20		6/20	Do.	4½	3/4	3	Do.	3/4	2 5/8	✓	–	7½	"
Sheer F	42	9/20	7/20	7/20	42	9/20	Single	2½	3/4	3	Do.	3/4	2 5/8	14½	10	✓	✓
~~G~~																	
~~H~~																	
~~J~~																	
~~K~~																	
~~L~~																	
~~M~~																	
~~N~~																	
~~O~~																	
~~P~~																	
Doubling of Flat Plate Keel																	
Length and thickness of Bilges																	
Length and thickness of Sheerstrakes	Doubled at breaks.																
Length and thickness of Strake below																	
Poop Sides																	
Raised Quarter Dk. Sides			8	5		8-5											
Bridge Sides				6		6											
Forecastle Sides				5		5											
Lengths of Plating	8 frame spaces.																

Write 'Sheer Strake' opposite its corresponding letter

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 process. Motherwell, Newton, Lanarkshire & Dalzell.

Has the Steel been tested as required by the Rules Yes.

Main Stringer Plate { **Butts,** treble riveted for 3/5ths length amidship. **Straps,** ~~single~~, ~~double or~~ overlapped for full length ~~amidship~~

Butts of Bilge & Side Stringers, and Tie Plates, treble or double riveted? Treble

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 5¼ apart.

Rivets, state whether of Iron or Steel Iron

FRAMES extend in one length from Keel to decks. state if ordinary or joggled ordinary

REVERSED FRAMES on floors ~~and frames~~ extend from side to side state if ordinary or joggled Do.

MASTS, SPARS, &c.

	Material.	Total length.	Diameter and Thickness: At Partners.	Heel.	Hounds.	Head.	No. of Plates in round.	Angles: Number.	Size.	Riveting: Seams.	Butts.
Lower Masts: Fore / Main / Mizen	Pitch Pine Poles.										
Bowsprit											

Topmasts, Yards and Remainder of **Spars** ✓

Rigging, Material and Size, **Shrouds** Steel Wire 2¼ . **Stays** Do. 2¼

Sails. One Suit of fore & aft Sails and the following spare sails ✓

Equipment No. 6336 Letter e. Tonnage U.Dk. or Plating No. for Trawlers

ANCHORS.

Number of Certificate.	Anchors.	Weight, Ex Stock: Cwts.	qrs.	lbs.	Weight of Stock: Cwts.	qrs.	lbs.	Test, per Certificate: Tons.	Cwts.	qrs.	lbs.	Weight Required by Table 22: Cwts.	qrs.	lbs.	Description of Anchor. (If Patent state Name of Patentee.)	Makers.	Where and when tested and Superintendent. (If Stockless, state Mechanical Tests.)
34220	1st Bower	9	0	14	Stockless			11	4	2	21	8	1	0	Taylors W.G. Stockless	Taylor & Sons	Tipton 21/10/08
34221	2nd	9	0	10	Do.			11	4	2	21	8	0	0	Do.	Do.	Do. Do.
	3rd																
	Collective weight	18	0	24								16	1	0			
34349	Stream	3	0	7	0	3	7	5	10	0	0	2	3	0	Ordinary	Do.	Do. 16/11/08
✓	Kedge	1	0	0								1	0	0	Do.		Sgd. C. E. Perrins

CHAIN CABLES.

Number of Certificate.	Length and size supplied: Length (Fathoms)	Diam. (Ins.)	Test per Certificate: Statutory (Tons)	Breaking (Tons)	Weight of Chain Cable: Supplied (Cwts. qrs. lbs.)	Per Table 22 (Cwts. qrs. lbs.)	Length & Size per Table 22: Length (Fathoms)	Diam. (Ins.)	Description.	Makers of Cables.	Where and when tested and Superintendent.
35368	165	1	18	27	85-1-12	~~84-0-17~~ 74-1-20	165	15/16	Stud link	Taylor & Sons	Tipton 18/11/08 Sgd. C. E. Perrins
~~Iron~~ Stream ~~Chain~~ ~~or~~ Steel Wire	45	Cir. 2¼	9½	✓	✓	✓	45	Cir. 2¼	Steel Wire		

HAWSERS AND WARPS.

Material.	Length and Size supplied: Length (Fathoms)	Cir. (Ins.)	Breaking Test of Steel Wire Towline (Tons)	Length and Size per Table 22: Length (Fathoms)	Cir. (Ins.)
Towline Hemp	75	7	–	75	7
Hawsers & Warps	90	5	✓	90	5
" "					
" "					

Boats Two lifeboats.

Pumps, Number 2 hand pump & steam pump suctions Diameter of Barrel 2" State whether they are in efficient working order Good.

Windlass is McOnie's steam & hand geared. **Capstan** Steam winch.

Engine Room Skylights.—How constructed? Teak on steel casings.

What arrangements for deadlights in bad weather? Hinged shutters with bulls eyes.

Coal Bunker Openings.—How constructed? Trunk hatch How are lids secured? battens & cleats Height above deck? 7 ft.

Number of **Scuppers,** and number and dimensions of **Freeing Ports, &c.** in well on each side scuppers & 3 freeing ports 2-8" x 1-6"

Ceiling in Holds, thickness and material 3" Pine **Cargo Battens,** thickness and material 3" pine.

Cargo Hatchways.—How formed? Steel coamings **Hatches.**—If strong and efficient? 2½" solid

State size **No. 1 Hatch** (Forward) 34-6" x 12-0 **No. 2 Hatch** – **No. 3 Hatch** – **No. 4 Hatch** –

Number of **Web Plates, Shifting Beams,** and **Fore** and **Afters** to each Hatch 3 webs and 3 fore and afters.

No. of Breasthooks 3 **No. of Crutches** deep floors

Bulwarks, height above deck and description 48" Steel 6" Lyjack section **Main Rail and Stays,** material and size 6" bulb plates

The above is a correct description. *Surveyor's Signature* R. L. Wright.

Builder's Signature (here only). Scott & Sons *Surveyor ~~to Lloyd's~~ Register of British and Foreign Shipping.*

Rpt. 1A.

Correspondence.—State dates and initials of letters respecting this case (*Reference should be made to any correspondence connected with the case*) 21st Aug. 1908 M. 28th Sept. 1908 E.

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

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.

Have all the upper and weather decks been tested as required by the Rules (Sec. 23, par 24)? Yes. State results of tests Satisfactory.

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 throughout is good. The vessel has been built in accordance with the approved plans, the Secretary's letters of above dates and in general conformity with the Rules for the class contemplated.

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 46 ft., Bridge Dk. 10 ft., F'castle 23 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 The R. Q. D. is joined to the B. D.

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. (Stl).

Official No. ✓ ; Signal Letters ✓ . State if Machinery is fitted aft It is aft.

How are the surfaces preserved from oxidation? Inside Cement & paint 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,	28	41
Double bottom, under Engines and Boilers,			After peak tank,	4	3
Double bottom, if under Engines only,			Deep tank, aft	✓	
Double bottom, if under Boilers only,			Deep tank, forward	✓	
Double bottom, forward,			Other tanks, if fitted,	✓	
Total capacity of double bottom			(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 Yes.

Order for Special Survey No. 4343 Date 1 · 9 · 1908 No. 212 in builder's yard.

Dates of Surveys held while building: 1908 Augt 24. 27. 31. Sept 3. 10. 14. 16. 21. 23. 29. Oct 2. 5. 8. 12. 14. 16. 21. 27. Nov. 3. 5. 9. 17. 20. 24. 26. Dec 9.

Total No. of Visits 26.

The amount of Entry Fee £ 2 : · : ·
Special £ 12 : 9 : ·
Travelling Expenses, if any £ : :

Fees applied for, 12/12/1908 Received by me, 15/12/1908

Cert

Certificate to be sent to Glasgow.

State whether the Vessel has been built under Special Survey Yes.

I am of opinion this Vessel should be Classed ✠ 100 A. 1 "Well Deck"

With, or without Freeboard, as condition of Class without freeboard

R. L. Wright. *Surveyor to Lloyd's Register of British and Foreign Shipping.*

The Surveyors are requested not to write on or below the Committee's Minute.

Committee's Minute GLASGOW 22 DEC. 1908

Character assigned + 100 A1 (Steel) 12,08. Lloyd's AOP + LMC 12,08.

Certs issued 24/12/08.

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