

No. 3193 Survey held at Bristol Date 15<sup>th</sup> June 1871  
 on the Three Mast Schooner "Agnes Edgell" Master W. McMillan  
 Tonnage under tonnage deck 277.38 Built at Bristol When built 1871 Launched 22 May 1871  
 Tonnage of poop House or spar deck 24.93 By whom built W. Peters Owners Richard H. Edgell  
 Tonnage 302.31 Port belonging to Bristol Destined Voyage Bristol to Spout  
thence to Africa  
 Employed while Building, Afloat, or in Dry Dock while building

Length as per section 39	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold	Feet.	Inches.	Number of Decks
Length of Keel	123	9	27	1	12	10	2	1	one

  

Scantlings of Timber.	IN SHIP.		REQUIRED PER RULE	
	Middle.	Ends.	Middle.	Ends.
TIMBER AND SPACE	24		23	
Floors	10	12	9	9
1 <sup>st</sup> Foothooks	9	9	8	8
2 <sup>nd</sup> Ditto	8	8	7	7
3 <sup>rd</sup> Ditto	7	6	6	5
Top Timbers	7	6	7	5
Deck Beams	9	9	8	8
Deck Beams, length amidships	25	7	25	7
Hold Beams	9	9	8	8
Hold Beams, length amidships	24	10	24	10
Keel	12	14	11	11
Scarphs of Ditto	6	6	5	5
Keelsons	15	15	12	12
Scarphs of Ditto	6	6	5	5

  

Outside Plank.	INCHES.	
	In Ship.	Required per Rule.
Garboard Strakes	3	3
Garboard to Bilge	3	3
Bilge Planks	3	3
Bilge to Wales	3	3
Wales	4	4
Topsides	3	3
Sheer Strakes	3	3
Plank Sheers	3	3
Water-Ways	8	8
Ditto, faying surface against Timbers	5	5
Upper Deck	3	3

  

Dimensions of Ship per Register.	INCHES.	
	In Ship.	Required per Rule.
length	128	
breadth	27	
depth	12	

  

Inside Plank.	INCHES.	
	In Ship.	Required per Rule.
Limber Strakes	4	4
Bilge Planks	3	3
Ceiling in Flat	3	3
Ditto Bilge to Clamp	3	3
Hold Beam Clamps	3	3
Deck Beam Ditto	3	3
Ceiling 'twixt Decks	3	3
Hold Beam Shelves	3	3
Deck Beam Ditto	3	3

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.

Fastenings	Copper or Y.M. in Ship.		Inches required per Rule	
	In Ship.	Y.M.	Inches	Y.M.
Heel-Knee, & Deadwood abaft	1	1	1 1/2	1 1/2
Scarphs of Keel, N <sup>o</sup> . 2	1	1	1 1/2	1 1/2
Keelson Bolts through Keel at each Floor	1	1	1 1/2	1 1/2
Bolts thro' Heels of Timbers against Deadwood	3	3	1 1/2	1 1/2
Transoms and throats of Hooks	1	1	1 1/2	1 1/2
Arms of Hooks	1	1	1 1/2	1 1/2
Thro' Bilge & Limber Strakes	1	1	1 1/2	1 1/2
Thickstuff over Double Floors	1	1	1 1/2	1 1/2
Butt End Bolts	1	1	1 1/2	1 1/2
Short Bolts in Ceiling	1	1	1 1/2	1 1/2
Pintles of the Rudder	2	2	1 1/2	1 1/2
Hold Beam Bolts in Waterway	1	1	1 1/2	1 1/2
Hold Beam Bolts in Knees	1	1	1 1/2	1 1/2
Hold Beam Bolts in Shelf or Clamp	1	1	1 1/2	1 1/2
Deck Beam Bolts in Waterway	1	1	1 1/2	1 1/2
Deck Beam Bolts in Knees	1	1	1 1/2	1 1/2
Deck Beam Bolts in Shelf or Clamp	1	1	1 1/2	1 1/2
Nails or Bolts in Flat of Deck	1	1	1 1/2	1 1/2
Treenails	1	1	1 1/2	1 1/2

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 3 1/2 Inches.  
 The Floors consist of Eng oak by 3 Duntz plank. The First Foothooks of Eng oak  
 The Second Foothooks of Eng oak. The Third Foothooks and Top Timbers of Arch in main body & Eng oak at end.  
 The Shifts of the First and Second Foothooks are not less than 3/4. N. B. When less than prescribed by the Rule, state how many.  
 The rest of the Shifts of the Frame are good.  
 The Frame is well squared from First Foothook Heads upwards, and very free from sap, and from thence downwards, the frame is squared.  
 The Frames are all bolted together to the Gunwale. N. B. If not, state how bolted.  
 The Butts of the Timbers are all close together; their thickness not less than 1/3 of the entire moulding at that place.  
 The Frame is well chocked with 2 Butt at each end of the chock. The Main piece of Rudder is Eng oak of Windlass is Eng oak.  
 The Keel is Eng oak. The Main Keelsons P. Pine and quite free from all defects.  
 The Stem, and Stern Post of Eng oak. The Transoms, Knight Heads, Hawse Timbers, and Aprons of Eng oak. Deadwood, of Eng oak and are quite free from all defects.

The Deck and Hold Beams of P. Pine & iron respectively. The Breasthooks of iron. The Knees of iron.  
**Planking Outside.**—From the Keel to the Height defined in Note to Table A } the Plank is Ames Elm  
 or to the First Foothook Heads }  
 From the above named Height to the Light Water Mark P. Pine  
 From the Light Water Mark to the Wales P. Pine  
 The Wales and Black-strakes are P. Pine. The Topsides & Sheer-strakes P. Pine  
 The Spirketting and Plank-sheers P. Pine. The Water-ways { Upper Deck P. Pine  
 Lower Deck —  
 The Decks P. Pine State of good  
 The Shifts of the Planking are not less than 6 Feet — Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought not less 3 between, and without step-butting.

**Planking Inside.**—The Limber-strakes and Bilge-strakes are P. Pine  
 The Ceiling, Lower Hold, and between Decks P. Pine. Shelf Pieces and Clamps P. Pine  
**Fastenings.**—To Hold Beams These Beams are formed of 3 round iron with knells forged on the ends and 4 metal bolted through the side with 3 bolts in each arm or 6 bolts to each beam end.  
 Deck Beams Hanging knells to each beam, and lodging trees in front of each

Number of Breasthooks 3 Pointers — Crutches 2  
 Butt End Bolts are of Y. Metal in the Bottom. two Bolts in each Butt End one through and clenched.  
 Bilge and Limber Strakes Y. Metal bolted through and clenched. Treenails of Eng oak How Made turned  
 Thickstuff over Double Floors — bolted through and clenched. General Quality of Workmanship Good  
 We certify that the above is a correct description of the several particulars therein given  
 Builder's Signature not obtained Surveyor's Signature Thomas Coupland  
he being absent

Her Masts, Yards, &c. are in Good condition, and sufficient in size and length.

N <sup>o</sup> .	She has SAILS.	CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c	N <sup>o</sup> .	Weight.	Test as per	Wght req'd	Test req'd
										Ex. Stock.	Certificate.	per Rule.	per Rule.
one	Fore Sails,	Chain .....	210	1 1/4	28 1/2	1 1/8	22 1/2	Bowers .....	3	12.3.22	14.4.0.7	10.0.0	12.0.0
one	Fore Top Sails,		90	1/2						12.3.26	14.4.2.7	10.0.0	12.0.0
3	Fore Topmast Stay Sails,	Hempen Stream Cable	90	1				Stream .....	1	5.0.13		4.3.0	
	Main Sails,	Hawser .....	90	1/2				Kedges .....	2	2.2.3		2.1.0	
	Main Top Sails,	Towlines .....								1.1.0		1.1.0	
	and Spare Sails	Warp .....											
		All of <u>good</u> quality.											

Her Standing and Running Rigging Hemp sufficient in size and good in quality.

She has one Long Boat and two other good Boats

The present state of the Windlass Winch Capstan and Rudder good Pumps two good

Order for Special Survey, No. 49 Date 4 July 1867 DATES of Surveys held while building, as per Section 35. 1st. When the Frame is completed 2nd. When the Beams are put in, &c. 3rd. When completed, and before the plank be painted or payed Surveyed

**General Remarks**

This Vessel is well built. The scantlings and sizes throughout are equal to the Rules. The frame is diagonally iron strapped on the outside with 12 pairs of Straps 4 x 1/2 set into frame, and extending from upper part of Deck Beams downwards to lower part of Chocks at first full heads.

Act 46 has been complied with to the inclusion of iron bolts. The frame is patted in accordance with the Rules, the Beams are prooved and patted, and Keelson Cased in and patted. Certificates for Anchors and Chains produced and signed by the Books.

The "Spes Edgell" is a good vessel, and as the Rules for pating, and also Act 46 have been complied with I am of opinion she may be classed A1 for 10 yrs.

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good  
 If Sheathed, Doubled, Felted, or Coppered 4 metal felt to heads upper part of keel When last done June 1871

I am of opinion this Vessel should be Classed A1  
 The Amount of the Fee.....£ 4 : : is received by me,  
 Special .....£ 15 : 2 :  
 Certificate .....£ : :

Committee's Minute 16<sup>th</sup> June 1871

Character assigned A1 for 10 Years  
X A 2 C 2 Saltho

*[Handwritten signature: J. H. Congdon]*  
  
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