

15/8/71 No. 3. No. 22917 Survey held at Preston Date 4th August 1870 to 11th Aug 1871
on the Masked Sch² "BELLE" Master E. Sharples
Tonnage under tonnage deck 195.91 Built at Preston When built 1871 Launched 6th May 1871
crew space 16.01 By whom built Wm Allsup Owners J. Watson & Co
Ditto of poop or spar deck Port belonging to Barrow Destined Voyage Coaster
Total tonnage 179.90
If Surveyed while Building, Afloat, or in Dry Dock Special while building

Length as per section 39 .. 102	Feet. Inches. 23 2	Depth of Hold .. 13 8	Number of Decks one
Length of Keel .. 94	Feet. Inches. 13 8		
Scantlings of Timber.			
TIMBER AND SPACE .. 19	Feet. Inches. 20		
Floors .. Double .. 8 1/2	Feet. Inches. 7 7		
1 st Foothooks .. 5 1/2	Feet. Inches. 7 7		
2 nd Ditto .. 6 1/2	Feet. Inches. 6 1/2		
3 rd Ditto .. 6 1/2	Feet. Inches. 6 1/2		
Top Timbers .. 8 1/2	Feet. Inches. 4 3/4		
Deck { N ^o 18 Average space } 4 feet	Feet. Inches. 8 1/2 9 7 7 3/4 7 3/4 6 1/2		
Beams { N ^o 9 Average space } 8 feet	Feet. Inches. 10 1/2 10 1/2 9 10 1/2 10 1/2 9		
Deck Beams, length amidships .. 21 ft 6 ins			
Hold { N ^o 9 Average space } 8 feet	Feet. Inches. 10 1/2 10 1/2 9 10 1/2 10 1/2 9		
Beams { N ^o 9 Average space } 8 feet	Feet. Inches. 10 1/2 10 1/2 9 10 1/2 10 1/2 9		
Deck Beams, length amidships .. 22 feet			
Keel .. 12 15	Feet. Inches. 10 10		
Scarp of Ditto .. 6 feet	Feet. Inches. 4 1/2 6 ins		
Keelsons .. 15 14 1/2	Feet. Inches. 11 11		
Scarp of Ditto .. 7 1/2	Feet. Inches. 4 1/2 6 ins		

Heel-Knee, & Deadw'd abaft	Copper or in Ship. Iron in Ship. Inches required per rule	Transoms and throats of Hooks	Copper or in Ship. Iron in Ship. Inches required per rule	Hold Beam	Waterway ..
Scarp of Keel, N ^o 10	1 1/4 1	Arms of Hooks ..	1 1/8 14 1/16	Bolts in	Knees ..
Keelson Bolts through Keel at each Floor ..	7/8 12 7/8	Thro' Bilge & Limber Strakes	1 12 1/16	Deck Beam	Shelf or Clamp
Bolts thro' Heels of Timbers against Deadwood ..	1 1/4 14 7/8	Thickstuff over Double Floors	7/8 10 1/16	Bolts in	Waterway ..
	7/8 11 1/16	Butt End Bolts	1 1/8 10 1/16		Knees ..
		Short Bolts in Ceiling	3/4 2 3/4		Shelf or Clamp
		Pintles of the Rudder ..	2 3/4 2		
				Nails or Bolts in Flat of Deck	
				Treenails .. Inches	1 1/8

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 2 1/2 Inches.
The Floors consist of 2nd hand Birch, Spruce & Hack & new English Oak
The Second Foothooks of principally new Eng^l Oak & 2nd hand Spruce & Hack
The Third Foothooks and Top Timbers of principally 2nd hand Spruce & Hack & a few of second hand English Oak
The Shifts of the First and Second Foothooks are not less than 3 ft 6 ins
The rest of the Shifts of the Frame are 3 ft to 3 ft 6 ins
The Frame is well squared from First Foothook Heads upwards, and — free from sap, and from thence downwards, the frame is well squared
The — Frames are all bolted together to the Gunwale. N. B. If not, state how bolted.
The Butts of the Timbers are — close together; their thickness not less than 3/4 of the entire moulding at that place.
The Frame is part chocked with a Butt at each end of the chock. The Main piece of Rudder is Pitch Pine of Windlass is Pitch Pine
The Keel is 2 pieces of new Spruce & Hack & 1st hand Spruce & Hack
The Main Keelson is new Pitch Pine and — free from all defects.
The Stem, and Stern Post of new English Oak
The Transoms, Knight Heads, Hawse Timbers, and Aprons of new Eng^l Oak. A part of second hand Spruce & Hack
The Deck and Hold Beams of new Red Pine
The Breasthooks of Iron
The Knees of Spruce & Hack & 2nd hand Spruce & Hack
The Planking Outside.—From the Keel to the Height defined in Note to Table A or to the First Foothook Heads the Plank is new Pitch Pine
From the above named Height to the Light Water Mark Pitch Pine
From the Light Water Mark to the Wales Pitch Pine
The Wales and Black-strakes are Pitch Pine
The Topsides & Sheer-strakes Pitch Pine (new)
The Spirketting and Plank-sheers Pitch Pine
The Water-ways { Upper Deck Pitch Pine Eng^l Oak Lower Deck —
The Decks Yellow Pine State of Good
The Shifts of the Planking are not less than 5 to 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 three between, and without step-butting.
Planking Inside.—The Limber-strakes and Bilge-strakes are Pitch Pine (new)
The Ceiling, Lower Hold, and between Decks Pitch Pine (new) Shelf Pieces and Clamps Pitch Pine (new)
Fastenings.—To Hold Beams Dovetailed into Sheef pieces - 4 pairs of Iron Knee Riders & 3 pairs of Iron Hanging Knees, & other Beams wood lading knees twice fitted into Riders making in all 7 pairs
Deck Beams Second hand Spruce & Hack & double lading knees & 6 pairs of Iron hanging knees

Number of Breasthooks Three Pointers — Crutches three
Butt End Bolts are of Iron in the Bottom. 3 Bolts in each Butt End one through and clenched.
Bilge and Limber Strakes — bolted through and clenched. Treenails of Eng^l Oak How Made Turned
Thickstuff over Double Floors Iron 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 Wm Allsup Surveyor's Signature Will^m C. Dorey

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

She has SAILS.
N^o.
One Fore Sails,
and Fore Top Sails,
one Fore Topmast Stay Sails,
space Main Sails,
and Main Top Sails,

CABLES, &c. Resterton Public Machine
22nd July/71 - 7599 Fathoms. Size. Tested to.
Chain 90 1 1/4 as per Certificate.
Hempen Stream Cable .. 90 1 1/4 20 6
Hawser 90 8 18 20
Towlines 90 8
Warp 90 4 1/2 x 3 1/2
All of Good quality.

ANCHORS, &c. Messers Dock Public Machine
N^o. Weight. Tested to.
Bower, 3847 8.1.8 10.9.0
Stream, 2.3.2
Kedge, 1.1.8

Her Standing and Running Rigging is Steno sufficient in size and Good in quality.

She has 2 Boats Long-Boat and

The present state of the Windlass is Good Capstan — Rudder Good Pumps 2 of Metal

Order for Special Survey,
No. 546 Date 2nd Janry 1871

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 }

Special
White
building

Order for Ordinary Survey,
No. — Date —

General Remarks

This Vessel is built in accordance with the submission of the Builder dated 8th Aug^r 1870 & the sanction of the Committee except as regards the builders former intentions with regard to the thickness of the inside planking which is however still in excess of the Rules. The frame is well salted in accordance with the Rules, also the two second hand Beams. The remainder of the Beams and Ribs being of the 8 and 9 yrs grade. The Builder considered it unnecessary to salt such being in his opinion not required by the spirit of the Rules being so much in excess of the anticipated class she is well fastened and the same are heavier than required by the Rules and I am of opinion she is eligible to be classed 4 A for frame & other material & one Year for the salted frame

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good

If Sheathed, Doubled, Felted, or Coppered — When last done —

I am of opinion this Vessel should be Classed 5 A 1

The Amount of the Fee.....£ 2 : : : is received by me,

Special£ 9 : 16 : 17/8/71 R.M.

Certificate£ gratis

Travelling expenses 10
Committee's Minute Liverpool, 18th August 1871
12th September

Character assigned 1 for 5 Years

See L. to Mr Mudge

Willm^r L. C. Davy

Refined to General Committee
Lloyd's Register
Foundation