

No. 291 Survey held at Wexford Date 26th May 1857  
 on the B.V. "Lancashire Witch" Master James Gonnall  
 Tonnage Old \_\_\_\_\_ New 118 Built at Wexford When built 1857 Launched February 1857  
 By whom built Mr Robert Sparrow Owners Fisher Martin & Co  
 Port belonging to Lancaster Destined Voyage Barrow  
 If Surveyed while Building, Afloat, or in Dry Dock In Dock yard

Length aloft		Feet.		Inches.		Extreme Breadth Outside		Feet.		Inches.		Depth of Hold		Feet.		Inches.	
Length aloft		82				20		20				11					
Scantlings of Timber.																	
TIMBER AND SPACE																	
Floors	sided																
1st Foothooks	"																
2nd Ditto	"																
3rd Ditto	"																
Top Timbers	"																
Deck Beams N°	Average Space } 4 feet																
Deck Beams, length amidships	"																
Hold Beams N°	Average Space }																
Hold Beams, length amidships	"																
Keel	"																
Scarphs of Ditto	"																
Keelsons	"																
Scarphs of Ditto	"																
Thickness of Plank.																	
Outside.																	
Garboard Strakes	3																
Garboard to Bilge	2 1/2																
Bilge Planks	4																
Bilge to Wales	2 1/2																
Wales	4																
Topsides	3																
Sheer Strakes	3																
Plank Sheers	2 1/2																
Water-Ways	Upper Deck } 2 1/2																
	Lower Deck } 2 1/2																
Upper Deck	2 1/2																
Inside.																	
Limber Strakes	3																
Bilge Planks	3																
Ceiling in Flat	2 1/2																
Ditto Bilge to Clamp	2 1/2																
Hold Beam Clamps	-																
Deck Beam Ditto	3																
Ceiling 'twixt Decks	2 1/2																
Hold Beam Shelves	-																
Deck Beam Ditto	2 1/2																

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

Copper Inches.		Iron Inches.		Copper Inches.		Iron Inches.	
Heel-Knee, and Deadwood abaft	7		1		Transoms and throats of Hooks	1	
Scarphs of Keel	7/8		-		Arms of Hooks	7/8	
Keelson Bolts through Keel at each Floor	-		1 1/8		Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	3/4	
Bolts through Heels of Timbers against Deadwood	7/8		-		Butt End Bolts	5/8	
	-		-		Pintles of the Rudder	2	
	-		-		Hold Beam Bolts in Waterway	-	
	-		-		Hold Beam Bolts in Knees	3/4	
	-		-		Hold Beam Bolts in Shelf or Clamp	-	
	-		-		Deck Beam Bolts in Waterway	-	
	-		-		Deck Beam Bolts in Knees	5/4	
	-		-		Deck Beam Bolts in Shelf or Clamp	-	
	-		-		Nails or Bolts in Flat of Deck	3/4	
	-		-		Treenails	0.8. Inches	

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is 3/4 Inches. The Space between the Top-Timbers is 5 Inches.  
 The Floors consist of Bit Oak. The First Foothooks of Bit Oak Timber.  
 The Second Foothooks of Bit Oak. The Third Foothooks and Top Timbers of Bit Oak.  
 The Shifts of the First and Second Foothooks are not less than 3/2. N. B. When less than prescribed by the Rule, state how many.  
 The rest of the Shifts of the Frame are 3/2.  
 The Frame is well squared from the First Foothook Heads upwards, and quite free from sap, and from thence downwards, the frame is well squared.

The alternate Frames are all bolted together to the Gunwale. N. B. If not, state how bolted.  
 The Butts of the Timbers are quite close together; their thickness not less than half of the entire moulding at that place.  
 The Frame is well chocked with a Butt at each end of the chock. The Main Keel is pitch pine.  
 The Main Keelson is pitch pine and is free from all defects. The False Keelson is pitch pine.  
 The Stem, and Stern Post, consist of Bit Oak. The Transoms, Aprons, Knight Heads, and Hawse Timbers of Bit Oak. Deadwood, of Bit Oak and are quite free from all defects.

The Deck and Hold Beams consist of Bit Oak. 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 Blue to first foothook heads  
 or to the First Foothook Heads }  
 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 Green Heart & Bit Oak. The Topsides pitch pine.  
 The Sheer-strakes and Plank-sheers pitch pine. The Water-ways { Upper Deck yellow pine  
 Lower Deck pitch pine waterways.  
 The Decks are being carefully laid. State of new.  
 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 — between, and without step-butting.

**Planking Inside.**—The Limber-strakes and Bilge-strakes are pitch pine.  
 The Ceiling, Lower Hold, and between Decks pitch pine. Shelf Pieces and Clamps pitch pine.  
**Fastenings.**—To Hold Beams

Deck Beams all Iron staple Iron pieces all carefully bolted with 3/4 bolts  
5 pair of Iron straining pieces between upper masts extending 8 floors  
 Number of Breasthooks three Pointers two Crutches —  
 Butts End Bolts are of yellow metal in the Bottom, and two Bolt in each Butt End through and clenched.  
 Bilge and Limber Strakes well bolted through and clenched. Treenails of Bit Oak 1/4 How Made Turned.  
 Thickstuff over Double Floors — bolted through and clenched. General Quality of Workmanship very good.  
 We certify that the above is a correct description of the several particulars therein given  
 Builder's Signature \_\_\_\_\_ Surveyor's Signature M. D. Doherty

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N <sup>o</sup> .			Fathoms. Inches.		N <sup>o</sup> . weight.
2	Fore Sails,	Chain .....	150 1 1/2	Bower, .....	2 5 10 Cwt
1	Fore Top Sails,	Hempen Stream Cable .....	65 6	Stream, .....	1 3 2 10
1	Fore Topmast Stay Sails,	Hawser .....	40 4	Kedge, .....	1 1 3 14
1	Main Sails,	Towlines .....	30 3		
1	Main Top Sails,	Warp .....			
and <u>well formed</u> other		All of <u>good</u> quality.			

Her Standing and Running Rigging Complete sufficient in size and very good in quality.

She has one good Long Boat and one Stern boat

The present state of the Windlass is patent Capstan winch Rudder good Pumps two iron pumps

**General Remarks and Statement and Date of Repairs, if any.**

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 }
	<u>February 1856</u>	<u>October 1856</u>	<u>March 1857</u>

The frame of this vessel throughout is of sound timber well wrought & shipted. The quality of planking is all good, throughout well wrought & shipted. Clear of warp or defects. M.D.

Present condition of Caulking of Bottom, very good Deck, very good and Waterways very good

If Sheathed, Doubled, Felted, or Coppered \_\_\_\_\_ When last done \_\_\_\_\_

I am of opinion this Vessel should be Classed A' 9 years

The Amount of the Fee.....£ 2 : 0 : 0 is received by me,

Special .....£ : :

Certificate ....£ : 2 : 6

*M. P. D. Surveyor*

Committee's Minute 29<sup>th</sup> May 1857

Character assigned A' for 9 years

