

No. 357 Survey held at Wexford Date Feb 26 1861  
 on the Brigantine "Hawk" Master John Kelly  
 Tonnage Old Built at A. Mutton, N. B. When built 1861 Launched  
 By whom built \_\_\_\_\_ Owners James R & R Allen  
 Part belonging to Wexford Destined Voyage Cardiff  
 Surveyed while Building, Afloat, or in Dry Dock afloat  
 Last Report 503 St John Classed "4"

Length aloft		Extreme Breadth Outside		Depth of Hold	
Feet.	Inches.	Feet.	Inches.	Feet.	Inches.
.....	.....	.....	.....	.....	.....

Scantlings of Timber.				Thickness of Plank.			
TIMBER AND SPACE		Inches.		Outside.		Inside.	
Feet.	Inches.	Moulded	Inches. Middle	Inches. Ends	Inches.	Inches.	Inches.
Floors	.....	sided	.....	.....	Garboard Strakes	.....	Limber Strakes
1 <sup>st</sup> Foothooks	.....	"	.....	.....	Garboard to Bilge	.....	Bilge Planks
2 <sup>nd</sup> Ditto	.....	"	.....	.....	Bilge Planks	.....	Ceiling in Flat
3 <sup>rd</sup> Ditto	.....	"	.....	.....	Bilge to Wales	.....	Ditto Bilge to Clamp
Top Timbers	.....	"	.....	.....	Wales	.....	Hold Beam Clamps
Deck Beams N <sup>o</sup> _____	Average Space	"	.....	.....	Topsides	.....	Deck Beam Ditto
Deck Beams, length amidships	.....	"	.....	.....	Sheer Strakes	.....	Ceiling 'twixt Decks
Hold Beams N <sup>o</sup> _____	Average Space	"	.....	.....	Plank Sheers	.....	Hold Beam Shelves
Hold Beams, length amidships	.....	"	.....	.....	Water-Ways	Upper Deck	Deck Beam Ditto
Keel	.....	"	.....	.....	Lower Deck	.....	.....
Scarphs of Ditto	.....	"	.....	.....	Upper Deck	.....	.....
Keelsons	.....	"	.....	.....	.....	.....	.....
Scarphs of Ditto	.....	"	.....	.....	.....	.....	.....

**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	.....	.....	.....	Transoms and throats of Hooks	.....	.....	Hold Beam Bolts in { Waterway ..
Scarphs of Keel.....N <sup>o</sup> .	.....	.....	.....	Arms of Hooks	.....	.....	{ Knees .....
Keelson Bolts through Keel at each Floor	.....	.....	.....	Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors	.....	.....	{ Shelf or Clamp
Bolts through Heels of Timbers against Deadwood	.....	.....	.....	Butt End Bolts	.....	.....	{ Waterway ..
.....	.....	.....	.....	Pintles of the Rudder	.....	.....	{ Knees .....
.....	.....	.....	.....	.....	.....	.....	{ Shelf or Clamp
.....	.....	.....	.....	.....	.....	.....	Nails or Bolts in Flat of Deck
.....	.....	.....	.....	.....	.....	.....	Treenails .....

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks is \_\_\_\_\_ Inches. The Space between the Top-Timbers is \_\_\_\_\_ Inches.  
 The Floors consist of \_\_\_\_\_ The First Foothooks of \_\_\_\_\_ Timber.  
 The Second Foothooks of \_\_\_\_\_ The Third Foothooks and Top Timbers of \_\_\_\_\_  
 The Shifts of the First and Second Foothooks are not less than \_\_\_\_\_ N. B. When less than prescribed by the Rule, state how many.  
 The rest of the Shifts of the Frame are \_\_\_\_\_  
 The Frame is \_\_\_\_\_ squared from the First Foothook Heads upwards, and \_\_\_\_\_ free from sap, and from thence downwards, the frame is \_\_\_\_\_  
 The alternate Frames are \_\_\_\_\_ 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 \_\_\_\_\_ of the entire moulding at that place.  
 The Frame is \_\_\_\_\_ chocked with \_\_\_\_\_ Butt at each end of the chock. The Main Keel is \_\_\_\_\_  
 The Main Keelson is \_\_\_\_\_ and \_\_\_\_\_ free from all defects. The False Keelson is \_\_\_\_\_  
 The Stem, and Stern Post, consist of \_\_\_\_\_ The Transoms, Aprons, Knight Heads, and  
 Hawse Timbers of \_\_\_\_\_ Deadwood, of \_\_\_\_\_ and are \_\_\_\_\_ free from all defects.  
 The Deck and Hold Beams consist of \_\_\_\_\_ The Breasthooks of \_\_\_\_\_ The Knees of \_\_\_\_\_

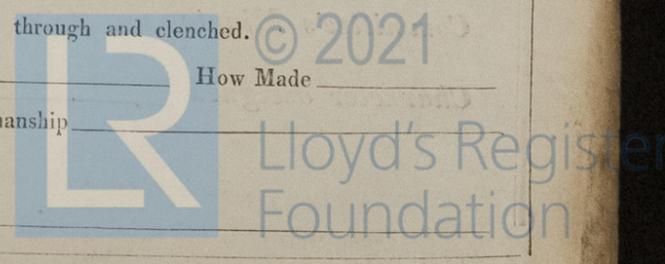
**Planking Outside.**—From the Keel to the Height defined in Note to Table A } the Plank is \_\_\_\_\_  
 or to the First Foothook Heads }  
 From the above named Height to the Light Water Mark \_\_\_\_\_  
 From the Light Water Mark to the Wales \_\_\_\_\_  
 The Wales and Black-strakes are \_\_\_\_\_ The Topsides \_\_\_\_\_  
 The Sheer-strakes and Plank-sheers \_\_\_\_\_ The Water-ways { Upper Deck \_\_\_\_\_  
 { Lower Deck \_\_\_\_\_  
 The Decks \_\_\_\_\_ State of \_\_\_\_\_  
 The Shifts of the Planking are not less than \_\_\_\_\_ 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 \_\_\_\_\_  
 The Ceiling, Lower Hold, and between Decks \_\_\_\_\_ Shelf Pieces and Clamps \_\_\_\_\_

**Fastenings.**—To Hold Beams \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 Deck Beams \_\_\_\_\_

Number of Breasthooks \_\_\_\_\_ Pointers \_\_\_\_\_ Crutches \_\_\_\_\_  
 Butts End Bolts are of \_\_\_\_\_ in the Bottom, and \_\_\_\_\_ Bolt in each Butt End through and clenched.  
 Bilge and Limber Strakes \_\_\_\_\_ bolted through and clenched. Treenails of \_\_\_\_\_ How Made \_\_\_\_\_  
 Thickstuff over Double Floors \_\_\_\_\_ bolted through and clenched. General Quality of Workmanship \_\_\_\_\_

We certify that the above is a correct description of the several particulars therein given  
 Builder's Signature \_\_\_\_\_ Surveyor's Signature \_\_\_\_\_



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 <u>Admiralty Proof</u>	140	5 1/2	Bower, <u>Seolmans</u>	25	10-0-6
1	Fore Top Sails,	Hempen Stream Cable	100	6			9-0-4
1	Fore Topmast Stay Sails,	Hawser			Stream,	1	2-2-8
2	Main Sails,	Towlines			Kedge,	1	1-1-8
1	Main Top Sails,	Warp	60	4			
and <u>Some spare sails</u>		All of <u>good</u> quality.					

Her Standing and Running Rigging New wire sufficient in size and good in quality.

She has One New Boat Long Boat and fully Equipped with Stores

The present state of the Windlass is Patent Capstan Leuch - Rudder New Pumps Two broad pumps

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

DATES of Surveys held while building, as per Section 35.

1st. When the Framé is completed \_\_\_\_\_

2nd. When the Beams are put in, &c. \_\_\_\_\_

3rd. { When completed, and before the }  
 { plank be painted or payed } \_\_\_\_\_

*This vessel is fully equipped with Stores*

Present condition of Caulking of Bottom, \_\_\_\_\_ Deck, \_\_\_\_\_ and Waterways \_\_\_\_\_

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

I am of opinion this Vessel should be Classed A 4 years

The Amount of the Fee.....£ : 10 : 0 is received by me, J. Bennett

Special .....£ : :

Certificate .....£ : 2 : 6

Committee's Minute 29<sup>th</sup> October 1861

Character assigned 4A WT



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