

No. 412 Survey held at Wexford Date 22<sup>nd</sup> May 1868  
in the Schooner "Hermes" Master W. J. J. J.

Age under tonnage deck — Built at Wexford When built July 1868 Launched 12 May 1868  
Ditto of poop — or spar deck — By whom built Wexford Dock Yard Owners Wexford Dock Yard & Co  
Total tonnage Ninety Nine Tons Port belonging to Wexford Destined Voyage Crozier  
Surveyed while — Lying, Afloat, or in Dry Dock on the stocks in Wexford Dockyard 7.68

Length as per section 19 .. Feet. 75 Inches. 70  
Length of Keel .. Feet. 19 Inches. 10  
Extreme Breadth Outside .. Feet. 10 Inches. 10  
Depth of Hold .. Feet. 10 Inches. 10  
Number of Decks one

**Scantlings of Timber.**  
IMBER AND SPAC .. 21 Inches  
Floors .. 9 12  
Foothooks .. 8 8 1/2  
Ditto .. 7 1/2  
Ditto .. 7 1/2  
Top Timbers .. 7 1/2  
Deck Beams } No. 17 Average } 4 feet  
Beams } Space }  
Deck Beams, length amidships .. 18 feet  
Hold Beams } No. — Average }  
Beams } Space }  
Beams, length amidships .. 15 10  
Ditto .. 14 10  
Ditto .. 14 10

**Outside Plank.**  
Garboard Strakes .. 2 1/2  
Garboard to Bilge .. 2 1/2  
Bilge Planks .. 3 1/2  
Bilge to Wales .. 2 1/2  
Wales .. 3 1/2  
Topsides .. 3 1/2  
Sheer Strakes .. 3 1/2  
Plank Sheers .. 2 1/2  
Waterways } Upper Deck 7 by 11  
Lower Deck 7 by 11  
Ditto, faying surface against Timbers .. 7  
Upper Deck .. 2 1/2

**Inside Plank.**  
Limber Strakes .. 2 1/2  
Bilge Planks .. 3 1/2  
Ceiling in Flat .. 2 1/2  
Ditto Bilge to Clamp .. 2  
Hold Beam Clamps .. —  
Deck Beam Ditto .. 2  
Ceiling 'twixt Decks .. 2  
Hold Beam Shelves .. —  
Deck Beam Ditto .. —

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

	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule.
Transoms and throats of Hooks	1 1/8	1	1
Arms of Hooks	7/8	1	1
Thro' Bilge & Limber Strakes	1	3/4	3/4
Thickstuff over Double Floors	1	5/8	5/8
Butt End Bolts	3/4	1 1/8	1 1/8
Short Bolts in Ceiling	3/4	1 1/8	1 1/8
Pintles of the Rudder	3/4	1 1/8	1 1/8

Hold Beam } Waterway  
Bolts in } Knees .. 3/4  
Shelf or Clamp .. 3/4  
Deck Beam } Waterway  
Bolts in } Knees .. 3/4  
Shelf or Clamp .. 3/4  
Nails or Bolts in Flat of Deck .. 5 1/2 Nail  
Treenails 1 1/4 Inches .. 5 1/2 Nail

Ring.—The Space between the Floor Timbers and Lower Foothooks is 3 Inches. The Space between the Top-Timbers is 5 Inches.  
The First Foothooks of Oak  
The Third Foothooks and Top Timbers of British Oak

Frames are all bolted together to the Gunwale. N. B. If not, state how bolted.  
The Space between the Floor Timbers and Lower Foothooks is 3 Inches. The Space between the Top-Timbers is 5 Inches.  
The First Foothooks of Oak  
The Third Foothooks and Top Timbers of British Oak

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is American Elm  
or to the First Foothook Heads }  
From the above named Height to the Light Water Mark Red Pine & Larch  
From the Light Water Mark to the Wales Red Pine  
The Wales and Black-strakes are Red Pine & Larch  
The Topsides & Sheer-strakes Red Pine & Larch  
The Water-ways { Upper Deck Red Pine  
Lower Deck —

Planking Inside.—The Limber-strakes and Bilge-strakes are Am<sup>n</sup> Elm & Larch  
The Ceiling, Lower Hold, and between Decks Larch & Yellow Pine  
Shelf Pieces and Clamps Red Pine  
Fastenings.—To Hold Beams —

Deck Beams Beam ends are let into clamp and have 5 pair of Iron hanging knees under beams taking 2 bolts in floor heads & 6 pair of hanging knees extending part of the way down side also Iron girths & aft knees in 4 places app small room space  
Number of Breasthooks Two of Iron Pointers One Iron Crutches One & Two Hooks aft  
Butt End Bolts are of Iron in the Bottom. Two Bolts in each Butt End one through and clenched.  
Bilge and Limber Strakes are bolted through and clenched. Treenails of Larch How Made Simple Turn  
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 W. J. J. J.  
Lloyd's Register  
WEX1031-0237



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

*a full set of 13 sails  
of best solid canvas  
of 1st quality & 1st size, as ordered*

She has SAILS.	CABLES, &c.	Fathoms.	Size.	Tested to, as per Certificate.	ANCHORS, &c.	No.	Weight. Ex. Stock.	Tested to, as per Certificate.
Fore Sails,	2 Chain <i>each</i> .....	75	1 1/2	15-15	Bower, <i>Two</i> .....		5-3-3	8-10
Fore Top Sails,	Hempen Stream Cable ..	90	1 1/2	3-10			4-2-3	6-18
Fore Topmast Stay Sails,	1 Hawser .....	90	6 1/2		Stream, <i>One</i> .....		1-2-13	4 1/4
Main Sails,	1 Towlines <i>each</i> .....	60	4 1/2		Kedge, <i>One</i> .....		1-1-1	
Main Top Sails,	1 Warp .....	60	3 1/2					
	All of <i>best</i> quality.							

Her Standing and Running Rigging *Patent Wire & Steel* sufficient in size and *best* in quality.

She has *One* Long Boat and *Winch*  
The present state of the Windlass is *New* Capstan *New* Rudder *New* Pumps *Two Metal New*

Order for Special Survey,

No. \_\_\_\_\_ Date \_\_\_\_\_

Order for Ordinary Survey,

No. \_\_\_\_\_ Date \_\_\_\_\_

DATES of Surveys

held while building,

as per Section 35.

1st. When the Frame is completed *16 March 1868*

2nd. When the Beams are put in, &c. *1 June*

3rd. { When completed, and before the } *10 July & now on*  
plank be painted or payed }

General Remarks

*But when reported in July 1868 viz -*

*" This vessel is well built frame squared and free from all defects Spars are  
" American Red Pine and Iron work of best quality and would be entitled  
" to the Six years A Class were it not for the second futtocks being old  
" but the timber in those futtocks is of excellent quality Owners wish her  
" Called Hull Mast & Spars - as now finished -"*

*This Schooner altho built and reported in July 1868 has remained  
on the stocks until the 12<sup>th</sup> of this month when she was launched fully  
fitted with the best quality materials complete for sea. Some care  
= fully surveyed every part of the hull & spars they are in perfect order  
the Hull having been kept coated & covered the spars under sheds.  
The Owners expect the date of class will be from date of launching*

Present condition of Caulking of Bottom, *Good* Deck, *Good* and Waterways *Good all tried & found*

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

I am of opinion this Vessel should be Classed \_\_\_\_\_

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

Special .....£ : :

Certificate ....£ : :

Committee's Minute *25 May 1869*

Character assigned

*1- for 5 years  
from 1869*



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Foundation