

No. 412 Survey held at Weyford Date 23 July Rec. 25/7/88
on the New Schooner Mermaid Master 18 88

Tonnage under tonnage deck Round sterned Built at Weyford When built July 1868 Launched —
Ditto of poop or spar deck By whom built Weyford Dock Owners Co
Total tonnage 86 Tons Port belonging to Weyford Destined Voyage —
Surveyed while Building, Afloat, or in Dry Dock On the Stock

Length as per section 39 ..	Feet. 75	Inches. —	Extreme Breadth Outside	Feet. 19	Inches. 7	Depth of Hold ..	Feet. 10	Inches. —	Number of Decks ..
Length of Keel ..	70	—	IN SHIP. Moulded. Sided. Middle. Ends.	19	7	(Depth from limber-strakes to under side of lower deck beam)	10	—	—
Scantlings of Timber.									
TIMBER AND SPACE									
Floors ..	21	inches	—	—	—	Outside Plank.	INCHES. In Ship. Required Rule.	Dimensions of Ship per Register,	
1 st Foothooks ..	9	12	—	—	—	Garboard Strakes ..	2 1/2	length <u>74 1/2</u> breadth <u>10 1/2</u> depth <u>10</u>	
2 nd Ditto ..	8	8 1/2	—	—	—	Garboard to Bilge ..	2 1/2	Inside Plank.	
3 rd Ditto ..	7 1/2	—	—	—	—	Bilge Planks ..	3 1/2	INCHES. In Ship. Required per Rule.	
Top Timbers ..	7	5	—	—	—	Bilge to Wales ..	2 1/2	Limber Strakes ..	
Deck } N ^o 17 Average Space } 4 feet	8 1/2	5	—	—	—	Wales ..	3 1/2	Bilge Planks ..	
Beams } — — — — —	8 1/2	7 1/2	—	—	—	Topsides ..	3 1/2	Ceiling in Flat ..	
Deck Beams, length amidships ..	18	—	—	—	—	Sheer Strakes ..	3 1/2	Ditto Bilge to Clamp ..	
Hold } N ^o — Average Space } —	—	—	—	—	—	Plank Sheers ..	2 1/2	Hold Beam Clamps ..	
Beams } — — — — —	—	—	—	—	—	Water } Upper Deck	7 1/2	Deck Beam Ditto ..	
Hold Beams, length amidships ..	—	—	—	—	—	Ways } Lower Deck	7 1/2	Ceiling 'twixt Decks ..	
Keel ..	15	10	—	—	—	Ditto, faying surface against Timbers ..	7	Hold Beam Shelves ..	
Scarp of Ditto ..	7	10	—	—	—	Upper Deck ..	2 1/2	Deck Beam Ditto ..	
Keelsons ..	14	10	—	—	—	—	—	—	
Scarp of Ditto ..	7 1/2	10	—	—	—	—	—	—	

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

Heel-Knee, & Deadw'd abaft	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Transoms and throats of Hooks	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Hold Beam	Waterway ..	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Scarp of Keel, N ^o ..	—	1/8	—	Arms of Hooks ..	—	1	—	Bolts in	Knees ..	—	—	—
Keelson Bolts through Keel	—	7/8	—	Thro' Bilge & Limber Strakes	—	1/2	—	Bolts in	Shelf or Clamp	—	—	—
at each Floor ..	—	1	—	Thickstuff over Double Floors	—	1/4	—	Deck Beam	Waterway ..	—	3/4	—
Bolts thro' Heels of Timbers	—	3/4	—	Butt End Bolts ..	—	5/8	—	Bolts in	Knees ..	—	1	—
against Deadwood ..	—	3/4	—	Short Bolts in Ceiling	—	3/8	—	Bolts in	Shelf or Clamp	—	3/4	—
				Pintles of the Rudder ..	—	2 1/4	—	Nails or Bolts in Flat of Deck	—	—	—	—

Timbering.— The Space between the Floor Timbers and Lower Foothooks is 3 Inches. The Space between the Top-Timbers is 5 Inches.
The Floors consist of Irish Oak & Brit Oak The First Foothooks of Ash 5
The Second Foothooks of Ash 5 The Third Foothooks and Top Timbers of British Oak
The Shifts of the First and Second Foothooks are not less than Four feet N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are From Five to Six feet
The Frame is — 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 1/3 of the entire moulding at that place.

The Frame is — chocked with 1 1/2 Butt at each end of the chock. The Main piece of Rudder is B Oak of Windlass is B Oak
The Keel is Am Elm The Main Keelson is Pitch Pine, 40 ft Am Oak and — free from all defects.
The Stem, and Stern Post of Brit Oak 12 The Transoms, Knight Heads, Hawse Timbers, and Aprons of British Oak 12 Deadwood, of Brit Oak and are — free from all defects.

Planking Outside.— From the Keel to the Height defined in Note to Table A } the Plank is Am 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 8
The Wales and Black-strakes are Red Pine & Larch 9
The Spirketting and Plank-sheers Red Pine & Larch 9
The Topsides & Sheer-strakes Red Pine & Larch 9
The Decks Yellow Pine State of new
The Water-ways { Upper Deck Red Pine 10
Lower Deck —
The Shifts of the Planking are not less than Six 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.

Planking Inside.— The Limber-strakes and Bilge-strakes are Am Elm & Larch 9 between, and without step-butting.
The Ceiling, Lower Hold, and between Decks Larch & Yellow Pine 5
Shelf Pieces and Clamps Red Pine 8

Fastenings.— To Hold Beams
Deck Beams, Beam ends are let into Clamps and have iron pins
Knives taking 2 Bolts each in Floor heads & Six pins extending keel way
down along fore & aft knees in Hatchway & mast room spaces all of
Iron

Number of Breasthooks Two of Iron Pointers On pair Iron Crutches One & Two after Hook or under
Butt End Bolts are of Iron in the Bottom. Two Bolts in each Butt End and one passing through and clenched.
Bilge and Limber Strakes are bolted through and clenched. Treenails of Larch How Made As per Turned
Thickstuff over Double Floors — bolted through and clenched. General Quality of Workmanship Very Superior
We certify that the above is a correct description of the several particulars therein given
Builder's Signature J. M. Percival Surveyor's Signature R. Sparrow

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

N ^o .	She has SAILS.	CABLES, &c.	Fathoms.	Size.	Tested to, as per Certificate.	ANCHORS, &c.	N ^o .	Weight. Ex. Stock.	Tested to, as per Certificate.
	Fore Sails,	Chain				Bower,			
	Fore Top Sails,	Hempen Stream Cable ..							
	Fore Topmast Stay Sails,	Hawser							
	Main Sails,	Towlines				Stream,			
	Main Top Sails,	Warp							
	and	All of _____ quality.				Kedge,			

Her Standing and Running Rigging _____ sufficient in size and _____ in quality.

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

Order for Special Survey, <u>March 1888</u>	DATES of Surveys held while building, as per Section 35.	1st. When the Frame is completed <u>16 March 1888</u>
No. _____ Date _____		2nd. When the Beams are put in, &c. <u>1 June</u>
Order for Ordinary Survey, _____		3rd. { When completed, and before the } <u>10 July</u>
No. _____ Date _____		plank be painted or payed }

General Remarks

This vessel is well built free from defects the spars are American Red Pine and the Iron work of best quality, and would be entitled to the Six year A class were it not for the second futtocks, being Oak but the timber in those futtocks is of excellent quality, I would recommend her to be so classed if possible as she deserves it, The Owners wish her classed Rule Mast & Spar, as now finished

Present condition of Caulking of Bottom, now done Deck, now done and Waterways now done

If Sheathed, Doubled, Felted, or Coppered none When last done _____

I am of opinion this Vessel should be Classed A for Six years if not too much contrary to R. & C.

The Amount of the Fee.....£ 1 : 0 : 0 is received by me,

Survey Special£ 4 : 13 : 0

July Certificate£ : 2 : 6

Committee's Minute 28th July 1888

Character assigned A for 5 years



© 2021

Lloyd's Register Foundation