

No. 342 Survey held at Weyford Date June 3^d 1861 3428
on the Ship "Hesperus" Master William Mills
Tonnage Old New 96 Built at P. E. & Co. When built 1860 Launched 7th 1860
By whom built Weyford Owners M. Richard & Co.
Port belonging to Weyford Destined Voyage Liverpool
If surveyed while Building, Afloat, or in Dry Dock Clapnet "7th 1860"

Length aloft		Feet.	Inches.	Extreme Breadth Outside						Feet.	Inches.	Depth of Hold		Feet.	Inches.
				SIZED.		MOULDED.		Required				Thickness of Plank.			
		Inches.	Required	Inches.	Required	Inches.	Required	Inches.	Required	Inches.	Required	In Ship.	Required	Inches.	Required
Scantlings of Timber.		In Ship.	as per Rule	In Ship.	as per Rule	In Ship.	as per Rule	In Ship.	as per Rule	In Ship.	as per Rule	In Ship.	as per Rule	In Ship.	as per Rule
Timber and Space										Outside.				Inside.	
Floors										Garboard Strakes				Limber Strakes	
1 st Foothooks										Garboard to Bilge				Bilge Planks	
2 nd Ditto										Bilge Planks				Ceiling in Flat	
3 rd Ditto										Bilge to Wales				Ditto Bilge to Clamp	
Top Timbers										Wales				Hold Beam Clamps	
Deck } No. Average } Beams } Space }										Topsides				Deck Beam Ditto	
Deck Beams, length amidships										Sheer Strakes				Ceiling 'twixt Decks	
Hold } No. Average } Beams } Space }										Plank Sheers				Hold Beam Shelves	
Hold Beams, length amidships										Water- } Upper Deck Ways { Lower Deck				Deck Beam Ditto	
Keel										Upper Deck					
Scarphs of Ditto															
Keelsons															
Scarphs of Ditto															

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

		Copper or Iron	Inches required			Copper or Iron	Inches required
		Inches in Ship.	per Rule			Inches in Ship.	per Rule
Heel-Knee, and Deadwood abaft				Transoms and throats of Hooks			
Scarphs of Keel No.				Arms of Hooks			
Keelson Bolts through Keel at each Floor				Bolts thro' Bilge & Limber Strakes, or Thickstuff over Double Floors			
Bolts through Heels of Timbers against Deadwood				Butt End Bolts			
				Pintles of the Rudder			
				Hold Beam Bolts in			
				Deck Beam Bolts in			
				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 piece of Rudder is _____

The Main Keelson is _____ and _____ free from all defects. The Main piece of Windlass 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 _____

Report of Stores - Schooner "Topaz" -
Her Masts, Yards, &c. are in _____ condition, and sufficient in size and length.

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .			Fathoms. Inches.	N ^o .	Weight.
2	Fore Sails, <i>new</i>	Chain	180 14/16	Bower,	2 4-0-0
1	Fore Top Sails, "	Hempen Stream Cable	90 6	Stream,	1 3-0-0
1	Fore Topmast Stay Sails, "	Hawser	80 4	Kedge,	1 1-3-0
1	Main Sails, <i>new</i>	Towlines	- -		
1	Main Top Sails, "	Warp	90 2 1/2		
and <i>some spare sails</i>		All of <i>good</i> quality.			

Her Standing and Running Rigging *complete* - sufficient in size and *very good* in quality.

She has *one new* Long Boat and *one fully equipped*

The present state of the Windlass is *Patent* Capstan *new* Rudder *new* Pumps *Two new 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 } _____

This vessel has been placed on patent ship, & under
gone some repairs, as follows - New rudder Nelson of pitch pine
Keel 13 inches - Molded 12 1/2 inches - all carefully bolted with
inch bolts - through & secured - one in every other floor,
Four pair of Iron Plates - taken out & trenched extending
down to floors - all carefully bolted with one inch
bolts - all newly Caulked - from Keel upwards.

Resford - June 3^d 1861 - M.D.

Present condition of Caulking of Bottom, *good* Deck, *new* and Waterways *it is*

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

I am of opinion this Vessel should be Classed _____

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

Special£ : : _____

Certificate£ : 2 : 6 - _____

Committee's Minute *11th June* 18*61*

Character assigned *7th 1st* _____



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