

No. 566 Survey held at SunderlandDate October 1836

566

on the Snow "Hesper"Master John WatsonTonnage ^{old 257} 250 Built at SunderlandWhen built 1836By whom built J & C AlcockOwners John WatsonPort belonging to SunderlandDestined Voyage LondonIf Surveyed Afloat or in Dry Dock buildingLength aloft.....^{Feet.}86^{Inches.}0 Extreme Breadth.....^{Feet.}26^{Inches.}3 Depth of Hold.....^{Feet.}16^{Inches.}2

Scantlings of Timber.

Timber and Space	each	11 1/2	13
Floors	sided	10 1/2	11 Moulded
1 st Foothooks		9	10
2 nd Ditto		8	9
3 rd Ditto		7	8
Top Timbers		6	7
Deck Beams	Number of 20	8 1/2	
Hold Beams	No. 11	11	
Keel	3 lengths of Eng. & Amst. Elm	10 1/2	
Kelsons		12	13

Thickness of Plank.

Outside.	Inside.
Keel to Bilge	Foot Waling
Bilge Planks	Bilge Planks
Bilge to Wales	Ceiling in Flat
Wales	Ditto Bilge to Clamp
Topsides	Hold Beam Clamps
Sheer Strakes	Deck Beam Ditto
Plank Sheers	Ceiling 'twixt Decks
Water-ways	Hold Beam Shelves
Upper Deck	Deck Beam ditto

Size of Bolts in Fastenings.

Copper.	Copper.	Iron.
Heel-Knee, and Dead Wood abaft	Bolts thro' the Bilge and Foot Waling	Hold Beam
Scarp of Keel	Butt End Bolts	Deck Beam
Floor Timber Bolts	Lower Pintle of the Rudder	
Kelson ditto		
Transoms and throats of Hooks		
Arms of Hooks		

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 1 to 3 Inches. The Space between the Top-timbers is 3 to 5 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of English, African & Foreign Oak and are applied free from all defects.

Her Floors and first Foothooks are composed of Eng. & Foreign Oak Timber.

Her other Foothooks and Top Timbers of Eng. & Foreign Oak

Her Shifts of the first and second Foothooks are not less than 3/16 to 4 feet N.B. When reported by you less than the prescribed Rule, then state how many.

The rest of the Shifts of the Frame are Sufficient

The Frame is fairly squared from the first Foothook Heads upwards, and not free from sap, and from thence downwards, the frame is fairly squared

The alternate Frames are bolts together. every 6th

The Butts of the Timbers are close together; their thickness not less than 1/5 to 1/3 of the entire moulding at that place.

The Frame is carp chocked with no Butt at each end of the chock.

The Main Kelson is composed of Amst. Oak and the False Kelson of Amst. Oak

The Scarphs of the Kelsons are not less than 9 feet — inches.

The Deck and Hold Beams are composed of English, African, & Foreign Oak

Planking Outside.—This Vessel's Plank from the Keel to the first Foothook Heads is composed of Amst. Elm

From the first Foothook Heads to the Light Water Mark of Foreign Oak

From the Light Water Mark to the Wales of Foreign Oak and ends of English Oak

The Wales and Black-strakes are of English & Aff. Oak

The Topsides of English Oak

The Sheer-strakes of English & Aff. Oak

The Gunwales of English Oak Water-ways of —

The Shifts of the Planking are not less than 5 Feet — Inches. N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship.

Planking Inside.—The Clamps are composed of Foreign Oak The Planking is wrought 2 and 3 between. the Stringers of Foreign Oak

The Bilge Planks of Foreign Oak and the remainder of the Ceiling of F. Oak except 'twixt decks of Dutch Pine

Fastenings.—To Hold Beams Tim. staple round on Timber and shelves above & below

Deck Beams Double wood knees and shelf below

Number of Breasthooks Five Pointers one pair, one Iron Crutcher 12 Transom Knees each side

Butts End Bolts are of Iron in the Bottom, and one Bolt in each Butt End through and clenched.

Bilge and Footwaling is bolted through and clenched.

General Quality of Workmanship From tolerable Planking good

We certify that the preceding is a correct description of the above-named Vessel.

Builder's Name

Surveyor's Name

John M. Denton

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

*Maximum Amount of Yellow Pine
Increment to 1 Red Pine*

She has SAILS.

CABLES, &c.

ANCHORS.

N ^o .		Fathoms.		Inches.	N ^o .		cut	cut	cut
2	Fore Sails,	180	Chain	1 1/2	3	Bower,	11 1/4	10 3/4	10 1/2
1	Fore Top Sails,		Hempen Stream Cable	-	1	Stream,	4 1/4		
2	Fore Topmast Stay Sails,	60	Hawser	3/4	1	Kedge,	1 1/2		
1	Main Sails,	75	Towlines	8		All of proper weight.			
2	Main Top Sails,	2	Warp	5/6 1/2					
	and is well found		All of <u>good</u> quality.						

Her Standing and Running Rigging is well fitted sufficient in size and good in quality.

She has one Long Boat and Skiff good & sufficient

The present state of the Windlass is good Capstan good and Rudder with 4 Iron Maces all good

John M. Denton

General Remarks—Statement and Date of Repairs.

Frame throughout is mixed with English & Foreign oak (principally Foreign oak) generally healthy, except a few timbers on Fore Deck, frame in places is irregularly wrought but is tolerably well shifted, a few timbers on Quarter Deck which are very shabby, on one side, Tops are generally battened on 2' Hds, a few Eng. beams are wending shabby on the moulding side and small ends, Vices and Hooks a fair length in the beams, the 3 Lower Hooks are wending shabby.

Quality of outside plank appears all good well wrought and tolerably clean of sap & defect, Inside plank generally good except part of Ceiling & twist deck defective, inside length of Shelf to Deck Beams on each side decayed. Ceiling wrought generally 2 between, scant from 4 to 6 feet, a small portion of Treemast through the ceiling, Treemast all of Eng. oak of good quality, Upper & Lower Beam fastenings, Hooks to all well bolted and clinched.

This Vessel commenced building in July 1836 and launched October 1836 was surveyed at the following dates: $\frac{8}{9} : \frac{14}{9} : \frac{19}{9} : \frac{7}{10} : \frac{22}{10}$

If Sheathed, Doubled, or Felted, _____

and Date when last done _____

And we are of opinion this Vessel should be Classed 7 A.S. or 6 A.S.

The Amount of the Fee.....£ 3 : 3 : 5 is received by me,

*John Brunton
John M. Denton*

Committee Minute 1, November 1836

Character assigned A 7 for 6 years.