

No. 15 Survey held at Appleton Date June 30 1865  
on the Yaggoner Route Master W. Mitchell  
Tonnage Old 163 2/4 Built at Appleton Wh built 1865 Launched June  
New 120.70 William Richard Owners R. M. Sampson  
By whom built William Richard  
Belonging to Treco Destined Voyage Coasting  
Surveyed while Building, Afloat, or in Dry Dock Throughout build under Com. Survey

Length aloft	Feet. 88	Inches. 6	Extreme Breadth Outside	Feet. 20	Inches. 3	Depth of Hold	Feet. 11	Inches. 2
Thickness of Plank.								
Scantlings of Timber.			Outside.			Inside.		
Timber and Space			Garboard Strakes			Limber Strakes		
Floors			Garboard to Bilge			Bilge Planks		
1st Foothooks			Bilge Planks			Ceiling in Flat		
2nd Ditto			Bilge to Wales			Ditto Bilge to Clamp		
3rd Ditto			Wales			Hold Beam Clamps		
Top Timbers			Topsides			Deck Beam Ditto		
Deck Beams			Sheer Strakes			Ceiling 'twixt Decks		
Hold Beams			Plank Sheers			Hold Beam Shelves		
Keel			Water Upper Deck			Deck Beam Ditto		
Scarp of Ditto			Ways Lower Deck					
Keelsons			Ditto, faying surface against Timbers					
Scarp of Ditto			Upper Deck					

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

Keel-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
Arphs of Keel, N° 6	3/4	3/4	1	Arms of Hooks	3/4	3/4	1	Bolts in	Knees
Keelson Bolts through Keel	1	1	1 1/2	Thro' Bilge & Limber Strakes	3/4	3/4	1 1/2	Deck Beam	Shelf or Clamp
at each Floor	1	1	1 1/2	Thickstuff over Double Floors	3/4	3/4	1 1/2	Bolts in	Waterway
Bolts thro' Heels of Timbers	3/4	3/4	1 1/2	Butt End Bolts	3/4	3/4	1 1/2		Knees
against Deadwood	3/4	3/4	1 1/2	Pintles of the Rudder	3/4	3/4	1 1/2	Nails or Bolts in Flat of Deck	Shelf or Clamp
								Treenails	

Numbering.—The Space between the Floor Timbers and Lower Foothooks is 14 1/4 Inches. The Space between the Top-Timbers is 3 1/4 Inches.  
The Floors consist of English Oak The First Foothooks of English Oak  
The Second Foothooks of English Oak The Third Foothooks and Top Timbers of English Oak  
The Shifts of the First and Second Foothooks are not less than 16' N. B. When less than prescribed by the Rule, state how many.  
The rest of the Shifts of the Frame are inefficient  
The Frame is fairly squared from the First Foothook Heads upwards, and free from sap, and from thence downwards, the frame is the same

The Frames are bolted together to the Gunwale. All are frames N. B. If not, state how bolted.  
The Butts of the Timbers are close together; their thickness not less than 1/2 of the entire moulding at that place.  
The Frame is chocked with a Butt at each end of the chock. The Main piece of Rudder is English of Windlass is English  
The Keel is English The Main Keelson is Gun Heart and free from all defects.  
The Stem, and Stern Post of English Oak The Transoms, Knight Heads, Hawse Timbers, and Aprons of English Oak Deadwood, of English Oak and are free from all defects.  
The Deck and Hold Beams of English Oak The Breasthooks of English Oak The Knees of English Oak

Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is English Oak  
From the above named Height to the Light Water Mark English Oak  
From the Light Water Mark to the Wales English Oak & Gun Heart  
The Wales and Black-strakes are English Oak & Gun Heart The Topsides & Sheer-strakes English Oak  
The Spirketting and Plank-sheers English Oak The Water-ways { Upper Deck Gun Heart & Lower Deck English Oak  
The Decks Yellow pine State of good  
The Shifts of the Planking are not less than 5 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 3 Strakes between, and without step-butting.

Planking Inside.—The Limber-strakes and Bilge-strakes are English Oak  
The Ceiling, Lower Hold, and between Decks English Oak Shelf Pieces and Clamps English Oak  
Fastenings.—To Hold Beams Iron horizontal pins and 2 pieces of  
Riders taking two bolts in the floors, through & clenched

Deck Beams Double ledging blocking pieces of English Oak  
and 3 pairs of iron riders with 2 bolts in the floors, through and clenched  
Number of Breasthooks 3 English Oak Pointers Crutches 10  
Butt End Bolts are of Yellow Metal in the Bottom 200 Bolts in each Butt End one through and clenched.  
Bilge and Limber Strakes Yellow Metal bolted through and clenched. Treenails of English Oak How Made well made  
Thickstuff over Double Floors bolted through and clenched. General Quality of Workmanship good  
We certify that the above is a correct description of the several particulars therein given  
Builder's Signature William Richard Surveyor's Signature J. B. B. 81074-277

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

She has SAILS.

CABLES &c.

ANCHORS, and their weights.

N<sup>o</sup>.

Fore Sails,

Fore Top Sails,

Fore Topmast Stay Sails,

Main Sails,

Main Top Sails,

and other a full

set

Chain

Hempen Stream Cable

Hawser

Towlines

Warp

All of good quality.

Fathoms.

Inches.

Bower,

Stream,

Kedge,

No.

Weight.

Her Standing and Running Rigging

is good sufficient in size and

good in quality.

She has

One

Long Boat .and

The present state of the Windlass is

good

Capstan

- Rudder

good Pumps

good

### 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

Oct 1<sup>st</sup> 1863

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

Dec 23<sup>rd</sup> 1864

3rd. { When completed, and before the

plank be painted or payed }

Mar 20<sup>th</sup> 1865

*This vessel has a good frame of English Oak. But the lips of some of the timbers are thin, and heavily chocked, and the edges sappy & wavy, the planking is good and well manged, she has a Rider beam, and a substantial, flatwork of green heart, and three pairs of iron. I am therefore of opinion she is eligible to class as recommended below.*

*Pieces have been cut on each side and the*

Present condition of Caulking of Bottom,

found good Deck,

good and Waterways

good

If Sheathed, Doubled, Felted, or Coppered

When last done

I am of opinion this Vessel should be Classed

A 10 Years

The Amount of the Fee.....£ 2 : :

is received by me,

Special .....£ 3 : 3 :

Exp. 2. 18. 0.

Certificate .....£ : 2 : 6

Committee's Minute

4<sup>th</sup> July

1865

Character assigned

A 1 for 10 Years

(A.C.R.)



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Foundation