

No. 130 Survey held at London

Date May 8, 1835

130

on the Brig, Union

Master R. Walker

SEA

Tonnage 130 Built at Alcoa

When built 1820

By whom built

Owners Wingate & Dawson

Port belonging to Alcoa

Destined Voyage Archangel

If Surveyed Afloat or in Dry Dock Afloat

Length aloft.....

Feet.	Inches.
67	6

 Extreme Breadth

Feet	Inches.
24	5 1/2

 Depth of Hold

Feet.	Inches.
12	4 1/2

Scantlings of Timber.

	Inches.	Inches.	Inches.
	Middle	Ends	
Timber and Space..... each	14 1/2		
Floors..... sided	10 1/2	Moulded	
1 st Foothooks..... "	9	"	
2 nd Ditto..... "	"	"	
3 rd Ditto..... "	"	"	
Top Timbers..... "	8	5 1/2	
Deck Beams..... "	9	9	
Hold Beams..... "	9	9	
Keel..... "	"	"	
Kelsons..... "	15	15	

Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Keel to Bilge.....		Foot Waling.....	2 1/2
Bilge Planks.....		Bilge Planks.....	3
Bilge to Wales.....		Ceiling in Flat.....	2 1/2
Wales.....		Ditto Bilge to Clamp.....	2 1/2
Topsides.....		Hold Beam Clamps.....	3
Sheer Strakes.....		Deck Beam Ditto.....	3
Plank Sheers.....		Ceiling 'twixt Decks.....	2
Water-ways.....	3	Hold Beam Shelves.....	
Upper Deck.....	2 1/2	Deck Beam ditto.....	

Size of Bolts in Fastenings.

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

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 13/4 Inches. The Space between the Top-timbers is 3 1/2 Inches. The Stem, Stern Post, Transoms, Aprons, Knight Heads, Hawse Timbers, are composed of Oak and are free from all defects.

Her Floors and first Foothooks are composed of Oak Timber.

Her other Foothooks and Top Timbers of Oak

Her Shifts of the first and second Foothooks are not less than _____ N.B. When reported by you less than the prescribed Rule, then 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.

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 Kelson is composed of Foreign Oak and the ~~False Kelson~~ of upper bolt through every floor

The Scarpshs of the Kelsons are not less than five feet six inches.

The Deck and Hold Beams are composed of Foreign Oak

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

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

From the Light Water Mark to the Wales of Foreign Oak

The Wales and Black-strakes are of Foreign Oak

The Topsides of Foreign Oak

The Sheer-strakes of Foreign Oak

The Gunwales of Foreign Oak

Water-ways of Foreign Oak

The Shifts of the Planking are not less than four feet N.B. If reported less than the prescribed Rule, state whether general or partial, and if partial, in what part of the Ship. shifted two between round the ship of the bow

Planking Inside.—The Clamps are composed of Foreign Oak the Stringers of _____

The Bilge Planks of Foreign Oak and the remainder of the Ceiling of Foreign Oak

Fastenings.—To Hold Beams Double lodging oak knees

Deck Beams Double lodging oak knees

Number of Breasthooks Five Pointers _____ Crutches _____

Butts End Bolts are of Copper in the Bottom, and no Bolt in each Butt End through and clenched.

Bilge and Footwaling not bolted through and clenched.

General Quality of Workmanship Moderate

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

Builder's Name _____

Surveyor's Name W. Middleton



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1380 *Lon*

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

She has SAILS.

CABLES, &c.

ANCHORS.

N ^o .		Fathoms.		Inches.	N ^o .
2	Fore Sails,	200	Chain		2
2	Fore Top Sails,	75	Hempen Stream Cable.....	7	1
2	Fore Topmast Stay Sails,		Hawser		1
1	Main Sails,	100	Towlines	5	
2	Main Top Sails,	100	Warp	3 1/2	
and sufficient number of small sails			All of <u>good</u> quality.		

Her Standing and Running Rigging is new in 1834 sufficient in size and good in quality.

She has _____ Long Boat and Jolly Boat

The present state of the Windlass is _____ Capstan _____ and Rudder in good condition

General Remarks—Statement and Date of Repairs.

This vessel has been built of good materials, is very dry & sound in every part that can be seen, the outside planking, seaming, breasthooks, transoms, decks, & beam fastenings appear in very fair condition, and no symptoms of working,

Caulked in 1834

If Sheathed, Doubled, or Felted, Single bottom
and Date when last done _____

And I am of opinion this Vessel should be Classed "A. 1"

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

Committee Minute 8 May 1835

Character assigned A. 1
W. M. B.



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