

Rev 25/3/75

Stoughton Mass.

Tonnage under Tonnage Deck	414.57
Ditto of Spar Deck, or Awning Deck	
Ditto of Poop, or Raised Qr. Dk.	
Ditto of House on Deck	64.67
Ditto of Forecastle	37.74
Gross Tonnage	506.98
Crew Space, as per Rule	39.58
Register Tonnage, cut on Beam	
Engine Room	162.23
Register Tonnage, as a Steamer,	201.81
cut on the Beam .....	305.17

By whom built John Elder & Co. Owners P. C. L. Hartog  
The Hague

Port belonging to Amsterdam Destined Voyage Amst. d. Am. Java

If Surveyed while Building, Afloat, or in Dry Dock While building special survey

	Feet.	Inches.		Feet.	Inches.	Horse.	N <sup>o</sup> . of Decks	TWO
Length aloft	173	-	Extreme Breadth	26	-	Power of Engines	75	
(Dimensions of Ship per Register,	length 176.6	breadth 26.0	depth 14)					

  

**Inside Plank.**

	Inches In Ship.	Inches required per Rule. <small>for 400 tons Scale.</small>
Keel, siding and moulding .....	13 x 14 1/2	13 x 14 1/2
" plate, breadth and thickness .....	25 x 1 1/16	26 x 1 1/16
Stem, siding and moulding .....	13 x 13	13 x 13
Fore deadwood plate, breadth and thickness ..	13 x 14 1/16	13 x 12 1/16
Stern-post, siding and moulding .....	13 x 18	13 x 14 1/16
After deadwood plate, breadth and thickness ..	13 x 2 1/16	13 x 12 1/16
Distance of Frames from moulding edge to) moulding edge, all fore and aft .....	18 in	18 in

  

	Inches. In Ship.	Inches. In Ship.	16ths. In Ship.	In. req'd per Rule for 400 tons Scale.	In. req'd per Rule for 400 tons Scale.	16ths req'd per Rule.
Frames, Size of Angle Iron, single or double ..	3	3	4/16	3 1/4	3 1/2	7/16
" " Reversed Iron, # to every frame) <del>every third</del> .....}	2 1/2	2 1/2	5/16	2 1/2	2 3/4	4/16
Floors, depth and thickness of Floor Plate at) Mid line.....}	16	x	7/16	16	x	7/16
" Ditto ditto at Bilge Keelson	AS PER SECTION					
" Size of Reversed Angle Iron, and) N <sup>o</sup> . ONE at top of Floor Plate)	2 1/2	2 1/2	5/16	2 1/2	2 3/4	4/16
" <del>Lead Wood, siding &amp; moulding, at Mid. Line</del>						
Beams, Deck (N <sup>o</sup> . <del>EVEN THIRD</del> ) <del>double</del> Angle Iron, Plate, Tee, or Bulb Iron.....}	6	x	7/16	6	x	7/16
" " double <del>a single</del> Angle Iron, on edge.....}	2 1/4	2 1/4	5/16	2 1/4	2 1/2	4/16
" " average space between .....	4 feet 6 in			4 feet 6 in		
" Hold, or Lower Deck (N <sup>o</sup> . ) <del>double</del> Angle, Tee, Plate, or Bulb Iron	6	x	3	6 3/4	x	5/16
" " <del>double</del> <del>a single</del> Angle Iron <del>a</del> .....}				2 1/2	2 1/2	5/16
" " average space between .....	4 feet 6 in			9 feet.		
Keelson, single <del>a double</del> plate, <del>bar,</del> or intercostal	10 1/2	x	1 1/16	10 1/2	x	1 1/16
" Size of Plates TOP AND FOUNDATION..	12	x	4/16	9	x	5/16
" Size of Angle Irons .....	4	x	3	4	x	3
" <del>Lead Wood, siding and moulding</del> ..						
" Side, single <del>a double</del> plate, <del>bar,</del> or intercostal	7 1/2	and hold	5 1/2	7 1/2	plate hold	2 1/16
" Bilge (N <sup>o</sup> . ONE ) at each Bilge,	Bulk	6 1/2	x	7/16	bulk	6 1/2
" <del>a double</del> <del>a single</del> Angle Iron R.I....	4	x	3	4	x	3

**Outside Plank.**

	Inches In Ship.	16th. In Ship.	In. req'd per Rule.	16th req'd per Rule.
Garboard Strakes, thickness .....	4 1/2		5	
Garboard to Topsides ditto .....	4 1/2		5	
Topsides ditto .....	4 1/2		4	
Sheerstrakes ditto .....	3	Painted	Painted	
Planksheers ditto .....	12 x 4 plank		12 x 4 plank	
Water-(Upper Deck.....				
Ways(Lower Deck.....				
Iron Sheerstake, breadth and thickness .....	33	x 14 1/16	28 1/2	x 14 1/16 = 11
" Bilge Plate ditto ditto .....	19	x 8 1/16	19	x 8 1/16
Diagonal Plates on Frames .....	9	x 8 1/16	9	x 8 1/16
Gunwale Plate or Stringer on ends of Upper) Deck Beams, breadth and thickness }	40	x 8 1/16	34	x 8 1/16 = 10
Angle Iron on ditto .....	3 1/2	x 3 1/16	4	x 3 1/16
Fore and aft Tie Plates on Upper Deck) Beams, outside Hatchways .... }	9	x 8 1/16	9	x 8 1/16
Diagonal Tie Plates on ditto .....	9	x 8 1/16	9	x 8 1/16
Flat of Upper Deck, thickness ..	3	plank	3	plank
Ceiling betwixt Decks, thickness .....	Batten		replace	
" in Hold, thickness .....	2 f. h.		2 1/4	
Chairs or Spiketting ditto .....				
Stringer Plates on ends of Hold or Lower) Deck Beams, breadth and thickness }	19	x 8 1/16	18	x 8 1/16
Fore and aft Tie Plates outside Hatchways, on Hold or Lower Deck Beams .... }	9	x 7 1/16	9	x 7 1/16
Stringers in Hold .....	4	x 3 x 4/16	4	x 3 x 4/16
State if all Butts of the foregoing are shifted) properly from each other .....	JES		-	
Flat of Lower Deck, thickness .....	2 1/2	f. h.	-	
Diameter of Hold Pillars .....	2 3/4		3	
Main piece of Rudder, diameter at head .....	15 3/4		15 3/4	
(Can the Rudder be unshipped afloat JES.)				

The Keel consists of American Rock Elm The Stem Teak Stern Post Teak Apron Teak  
Inner Stern Post Teak Deadwood Teak Knight-heads, and Hawse Timbers Teak

The Floors Iron Plates Wood Frames — and Ceiling upon them —  
Beams Built Iron Rafters and Keelsons Plates and angles and are all free from all defects.

**Planking Outside.**—From the Keel to the Height of one-fifth the depth of Hold as per Table I *American Rock Elm*

Ditto	ditto	from Keel to the Height of two-fifths the depth of Hold	ditto
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Ditto ditto from two-fifths the depth of Hold to Gunwale Seak

The Upper Deck Waterway Seak Spirketting — Planksheer — and Roughtree Timbers —

The Main Piece of Rudder British oak Windlass Iron patent and Pall Bitt —

The Decks Teak State of good How fastened to Beams galv. iron screws & brackets.

The Shifts of the Planking are not less than 6 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 Throse between, and without step-butting.

**Planking Inside.**—The Limber-strakes and Bilge-strakes are False Pine

The Ceiling, Lower Hold, and between Decks Plank pine Platten & pine Shelf pieces and Clamps         
Butt Straps of Keel Plates, Keelsons, Stringer and Tie Plates, of every description, are they of proper dimensions, and Rivetted in accordance with  
the Rules? yes State where treble Keelsons double Plating or single rivetting exists.

Planksheer, how secured to the plating of the sides? Explain by sketch

Waterway " <sup>Planksheer</sup> ~~Planksheer~~ and to the Beams? if necessary. } By Brd.

Deck Beams, how secured to the side? Bram knees riveted to frames.

Hold or Lower Deck Beams ditto? ditto.

General Quality of Workmanship good No. of breasthooks 4 crutches 2

What description of Iron is used for the Frames, Beams, Keelsons, Stringer and Tie Plates, Outside Plating, Rivets, &c.? *Anglo Sumpellar*

Manufacturer's name or trade mark Plates "Consalt"

We certify that the above is a correct description of the several particulars therein given.

Builder's Signature John Elder & Co Surveyor's Signature

Surveyor's Signature

Lloyd's Register  
Foundation

GLS145-0058



3986 *egs*

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, Galvanized Iron, or Iron, and Rivets.

	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule		Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule	Pintles of the Rudder.....	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Deadwood forward and aft ..	1 1/16	1 1/16	1 1/16	Transoms and throats of Hooks	—	—	—	Hold Beam {	33/8	33/8	33/8
Scarp of Keel, No. 7	1 1/16	1 1/16	1 1/16	Arms of Hooks .....	—	—	—	Bolts in {	—	—	—
Keelson Bolts through Keel at each Floor .....	—	—	—	Thro' Frames and Planking....	1 1/2	1 1/2	1 1/2	Deck Beam {	Gal.	Gal.	1 1/16
Bolts through Iron Keel Plate and Wood Keel .....	1 1/16	1 1/16	1 1/16	Butt End Bolts ..	1 1/2	1 1/2	1 1/2	Bolts in {	—	—	—
Garboard Bolts Athwartship..	1 1/2	1 1/2	1 1/2	Rivets.....	5/8-3/4	5/8-3/4	5/8-3/4	Nails or Bolts in Flat of Deck	—	—	—

Her Masts, Bowsprit, Yards, &c., are in good condition, and sufficient in size and length. If they are of Iron or Steel give the scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of rivetting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit

*Scale 450 to 525 tons.*  
*Keelson Engine and Sponage 467 tons.*

No.	She has SAILS.	CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	No.	Weight. Ex. Stock.	Test as per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
1	Fore Sails,	Chain ... ..	195	1 1/8	22 3/4	195-13/16	25 7/16	Bowers ....	3	10.0.5	12 2/16	12	13 17/16
2	Fore Top Sails,	(State Machine where Tested, and name of Superintendent).	195	1 1/8	22 3/4	195-13/16	25 7/16	Stream S.P.	1	4.3.0	—	5	—
3	Fore Topmast Stay Sails,	Hawser .....	90	1 1/2	90-13/16	90-13/16	90-13/16	Kedges ....	2	1.0.5	—	1 1/4	—
4	Main Sails,	Towlines .....	90	6 1/2	90.7	90.7	90.7						
5	Main Top Sails, and	Warp .....											
		All of <u>good</u> quality											

Her standing and Running Rigging Wire Ropes sufficient in size and good in quality. She has one Life Boat and three others.

The present state of the Windlass is iron Capstan and Rudder good Pumps iron five each

Scuppers, &c.—What arrangements are there beyond the scuppers on deck, for clearing upper deck of water, in case of a sea coming on board?

iron square ports on each side

Cargo Hatchways.—How formed? iron coming State size 10x9 and 9x9

If of extraordinary size, state how framed and secured?

What arrangement for shifting beams?

Hatches, themselves, whether strong and efficient? yes Main Hatchways.—State size see above

Order for Special Survey No. 1009 Date 15 September 74	DATES of Surveys held while building as per Section No. 2.	1st. On the wood keel, stem, sternpost, deadwood, and frames before painting or coating <u>Sept 4. 23. 26. 30</u>
Order for Ordinary Survey No. — Date —		2nd. On all the beams, stringers, plates, &c., when in place, rivetted-up ready to receive the planking <u>October</u>
		3rd. When the vessel was planked outside, dubbed fair, and all the fastenings completed, but before she was either caulked, coated, or cemented <u>3. 6. 8. 15. 20. 23. 28. 30. November 2. 6. 9. 16. 23. 26. December</u>
		4th. When the vessel was caulked, but before the bolt-heads were cemented or had dowells fitted over them <u>5. 10. 16</u>
		5th. When the vessel was completed, launched, and equipped <u>19. 22. 23. 26. 28. 31. Jan 5. 12. 14. 20. 22. 26. 29. Feb. 2. 5. 9. 12. 16. 19. 23. 25. March 2 and 3rd 75</u>

General Remarks,

Lo fitted with iron iron Watertight Bulkheads — Plates 3/8 angled 2 1/2 x 3/4 x 1/2 spaced 30 ins apart. Three Bulkheads to upper deck aftermoast to Lower on deck plating on top —  
Inside Planking fastened with yellow metal bolts & nuts from keel to angle iron in sheerside — Bottom sheathed with Copper to 11 feet 3 ins line amidships — false keel of a R Elm fastened with short yellow metal bolts.  
Length of keel to 28 feet. Both after Deck House 36 feet. by 15 feet.  
— of midship House. 23 feet. 6 ins by 16 feet. 9 ins.  
Workmanship good throughout — she has been constructed in accordance with approved midship section here with — vessel having been intended for port scantlings under 36 400 tons — and port 400 to 500 tons. — She exceeds and deficiencies are set forth in Glasgow letters 10 and 17 March 1875

In what manner are the surfaces of Iron Work preserved from oxidation inside and outside Bottom. Cemented — Paint above

Present condition of Caulking of Bottom good and Deck, good and Waterways good

If Sheathed, Doubled, Felted, Coppered, or Yellow Metalled sheathed with Copper to 11 feet 3 ins When last done February 1875

I am of opinion this Vessel should be Classed 16 A

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

Special .....£ 23 : 7 :

Certificate ....£ entry :

Committee's Minute 15th April 1875

Character assigned 16 A

C-75.C.F.

*McL.*

*Vessel having exceeded her equipment Sponage etc. etc. 1. etc. subject to the Committee's decision in case of Sponage see Glasgow letters 10 and 17 March 1875*  
*James Purdie*