

No. 436 Survey held at Wisbech Date 27th August 1849
 on the Schooner "Tro" Master John Ingram
 Tonnage 136 Built at Wisbech When built Aut 1849
 by whom built T. B. Cassen Owners Bagnall Collins & Ingram
 port belonging to Wisbech Destined Voyage _____
 Surveyed Afloat or in Dry Dock Building

Length aloft	71	3	Extreme Breadth	21	6	Depth of Hold	11	6
Scantlings of Timber.			Thickness of Plank.					
Room and Space	20 1/2					Outside.	Inside.	
Floors	20 1/2	Moulded	10 1/2	8		Keel to Bilge	Limber Strakes	3
1st Foothooks	7 1/2	"	7	6 1/2		Bilge Planks	Bilge Planks	3
2nd Ditto	6 1/2	"	6	"		Bilge to Wales	Ceiling in Flat	2
3rd Ditto	6	"	6 1/2	4		Wales	Ditto Bilge to Clamp	2
Top Timbers	6	"	6 1/2	4		Topsides	Hold Beam Clamps	3
Deck Beams N ^o 16	4 ft 4 in	Average Space	8	5		Sheer Strakes	Deck Beam Ditto	2 1/2
Hold Beams N ^o 4	10 ft 12 in	Average Space	9	6		Plank Sheers	Ceiling 'twixt Decks	2
Keel	9	"	10 1/2	-		Water-Ways	Hold Beam Shelves	7
Kelsons	10 1/2	"	10 1/2	"		Upper Deck	Deck Beam Ditto	7

Copper or Iron.		Size of Bolts in Fastenings, distinguishing whether		Iron.	
Heel-Knee, and Dead Wood abaft	1	Copper or Iron.		Hold Beam	3/4 x 5/8
Scarphs of Keel N ^o 1	3/4	Bolts thro' the Bilge and Limber Strakes	5/8	Deck Beam	3/4 x 5/8
Floor Timber Bolts	7/8	Butt End Bolts	5/8		
Kelson ditto	7/8	Lower Pintle of the Rudder	2 1/2		
Transoms and throats of Hooks	7/8				
Arms of Hooks	3/4				

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 2 Inches. The Space between the Top-timbers is 4 Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are quite free from all defects. The Floors and first Foothooks are composed of English Oak Timber. The other Foothooks and Top Timbers of English Oak. The Shifts of the first and second Foothooks are not less than 3 ft 8 Inches N. B. When less than prescribed by the Rule, state how many. The rest of the Shifts of the Frame are good. The Frame is well squared from the first Foothook Heads upwards, and is free from sap, and from thence downwards, the frame is good. The alternate Frames are all bolted together. N. B. If not, state how bolted. The Butts of the Timbers are quite close together; their thickness not less than 1/3 of the entire moulding at that place. The Frame is well chocked with a Butt at each end of the chock. The Main Kelson is composed of English Oak and the False Kelson of English Oak 11 x 7. The Scarphs of the Kelsons are not less than 5 feet 9 inches. The Deck and Hold Beams are composed of English Oak.

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of American Elm. From the first Foothook Heads to the Light Water Mark of English Oak. From the Light Water Mark to the Wales of English Oak. The Wales and Black-strakes are of English Oak. The Topsides of English Oak. The Sheer-strakes and Plank-sheers of English Oak. The Water-ways of English Oak. The Decks of 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 between

Planking Inside.—The Limber-strakes are composed of English Oak the Bilge Planks of English Oak. The Ceiling, Lower Hold, of English Oak Between Decks of English Oak. Shelf Pieces of _____ Clamps of English Oak.

Fastenings.—To Hold Beams Iron knees lodging and hanging. Deck Beams Wood lodging knees and Iron hanging knees. Number of Breasthooks 4 Pointers 2 Crutches One. Butts End Bolts are of 5/8 Iron in the Bottom, and One Bolt in each Butt End through and clenched. Bilge and Limber Strakes are bolted through and clenched. Treenails of English Oak. General Quality of Workmanship good.

We certify that the preceding is a correct description of the above-named Vessel,
 Builder's Signature T. B. Cassen Surveyor's Signature J. Bagnall

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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.	
N ^o .		Fathoms.		Inches.	N ^o .	
2	Fore Sails,	150	Chain	1	3	Bower, <i>each 7wt,</i>
/	Fore Top Sails,	60	^{chain} Hempen Stream Cable	1/16	1	Stream, <i>4wt,</i>
/	Fore Topmast Stay Sails,	1	Hawser	6 1/2	1	Kedge, <i>2wt,</i>
/	Main Sails,	1	Towlines	5		
/	Main Top Sails,	2	Warps	3		
and			All of <u>good</u> quality.			

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

She has One Long Boat and One Jolly Boat

The present state of the Windlass is good Capstan none and Rudder good Pumps good.

General Remarks—Statement and Date of Repairs.

This Vessel is well built, and fastened in Conformity with the Rules with the exception of a little deviation in the Chocking of her Timbers otherwise would have been recommended to a Twelve Year grade

If sheathed, doubled, Felted, or Coppered _____ When last done _____

I am of opinion this Vessel should be Classed A-1 11 Years

The Amount of the Fee.....£ 2 : - : - is received by me, Mr. Farlow

Special£ : :

Certificate (if required)£ - : 5 :

Committee's Minute 14 Sept 1849

Character assigned A-1 for 11 Years



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