

No. 3739 Survey held at Lincolns Date, first Survey 9 May 1873 Last Survey 27 Feb 1873 1873

on the 3rd Agnes Cairns Master Nicholson

Tonnage under Tonnage Deck 145 57
Ditto of Spar Deck, or Awaiting Deck
Ditto of Poop, or Raised Qr. Dk.
Ditto of Houses on Deck
Ditto of Forecastle
Gross Tonnage 145 57
Crew Space, as per Rule 9 11
Register Tonnage, out on Beam 136 46
Engine Room
Register Tonnage, as a Steamer, out on the Beam
Built at Lincolns When built 1873 Launched 18 December
By whom built Whitchhead Owners Robert Cairns
Port belonging to Leith Destined Voyage Coastwise
If Surveyed while Building, Afloat, or in Dry Dock While Building & Afloat

Length as per section 89....	Feet. 92	Inches. 5	Extreme Breadth Outside	Feet. 22	Inches. 6	Depth of Hold	Feet. 12	Inches. 05	Number of Decks	One
Length of Keel	88	0								
Scantlings of Timber.										
TIMBER AND SPACE										
Floors	Double	8 1/2	8 1/2	6 1/2	6 1/2					
1 st Foothooks		8 1/2	8 1/2	6 1/2	6 1/2					
2 nd Ditto		7 1/2	7 1/2	6	6					
3 rd Ditto		6 1/2		5 1/2	5 1/2					
Top Timbers		6 1/2		5 1/2	5 1/2					
Deck { N ^o 19	Average Space	36 to 40	8	8 1/2	6 1/2	7 1/2	7 1/2	6 1/2		
Beams										
Deck Beams, length amidships		21 feet								
Hold { N ^o 2	Average Space	8 1/2	8 1/2	8						
Beams										
Hold Beams, length amidships										
Keel		10	13							
Scarp of Ditto		6								
Keelsons		11	13							
Scarp of Ditto		11	4							

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.										
Heel-Knee, & Deadw'd abaft										
Scarp of Keel, N ^o 7-6	12	16								
Keelson Bolts through Keel										
at each Floor										
Bolts thro' Heels of Timbers										
against Deadwood										
Frame Bolts										
Transoms and throats of Hooks										
Arms of Hooks										
Three Bilge and Limber Strakes										
Thickstuff over Double Floors										
Butt End Bolts										
Short Bolts in Ceiling										
Pintles of the Rudder										
Hold Beam										
Bolts in										
Deck Beam										
Bolts in										
Nails or Bolts in Flat of Deck										
Treenails										

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 2 Inches. The Space between the Top-Timbers is 36 4 Inches.

The Floors consist of C. Oak
The Second Foothooks of C. Oak
The Main Keelson is Baltic Red Pine and is free from all defects.
The Transoms, Knightheads, Hawse Timbers, & Aprons of C. Oak ditto.
Deadwood, of C. Oak and ditto.
The Stem, and Stern Post of C. Oak ditto.
The Deck and Hold Beams of C. Oak
The Breasthooks of C. Oak & Iron
The Knees of C. Oak The Keel of American Elm
The Main piece of Rudder of C. Oak of Windlass of C. Oak
The Shifts of the First and Second Foothooks are not less than 1/4
N.B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are Sufficient
The Frame is well squared from First Foothook Heads upwards, and is free from sap, and from thence downwards, the frame is good
The all Frames are well bolted together to the Gunwale.
N.B. If not, state how bolted.
The Butts of the Timbers are fitted close together; their thickness not less than 1/3 of the entire moulding at that place.
The Frame is well choiced with a Butt at each end of the choick.

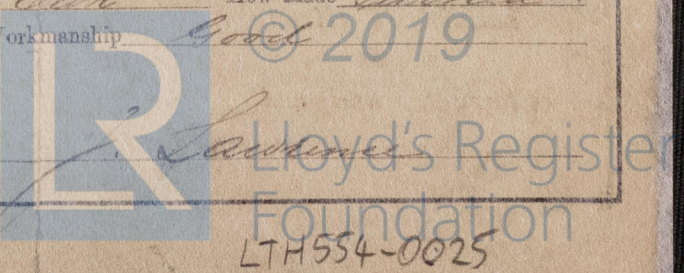
Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is American Elm
or to the First Foothook Heads }
From the above named Height to the Light Water Mark Baltic Red Pine & Pitch Pine
From the Light Water Mark to the Wales Baltic Red Pine & Pitch Pine
The Wales and Black strakes Pitch Pine
The Topsides & Sheer-strakes American Red Pine & C. Oak
The Spiketting and Plank-sheers C. Oak
The Water-ways { Upper Deck Red Pine and C. Oak
Lower Deck
The Decks Yellow Pine State of Good
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 three between, and without step-butting.

Planking Inside.—The Limber-strakes and Bilge-strakes are Baltic Oak
The Ceiling, Lower Hold, and between Decks Red Pine and P. Pine Shelf Pieces and Clamps Pitch Pine
Fastenings.—To Hold Beams Iron Lodging Pins to each Beam

Deck Beams Iron Spikes round timbers and each beam

Number of Breasthooks Three Pointers Two Crutches One
Butt End Bolts are of Yellow Metal in the Bottom below light Bolts in each Butt End One through and clenched.
Bilge and Limber Strakes well bolted through and clenched. Treenails of C. Oak How Made Turned
Thickstuff over Double Floors is 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 James Whitchhead Surveyor's Signature James



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

She has SAILS.		CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, N°.	Weight.	Test as per Certificate.	Weight req'd per Rule.	Test req'd per Rule.
N°.								&c.	Ex. Stock.			
One	Fore Sails,	Chain	165	1	15.0.0.0	14	13.15.0.0	981	7.1.26	9.13.3.0	5.3.0	8.0.0.0
Two	Fore Top Sails,	(State Machine where Tested, and name of Superintendent).	Proving House Tipton S. Fitzgerald Superintendent									
Three	Fore Topmast Stay Sails,	Hempen Stream Cable	60	1 1/16	✓	5 1/2		986	6.3.18	9.3.3.0	5.3.0	8.0.0.0
Four	Main Sails,	Hawser	90	7		3 1/2						
Five	Main Top Sails,	Towlines	90	7		3 1/2						
and		Warp	90	4 1/2								
		All of <u>best</u> quality	90	3 1/2								
								Stream	2.2.36	✓	2.0.0	
								Kedges	1.1.26		1.0.0	

Her Standing and Running Rigging Proving House Tipton sufficient in size and Good in quality. She has Two Long Boats and

The present state of the Windlass is Good Capstan Good and Rudder Good Pumps Two 5" Cast Iron

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?

Cargo Hatchways.—How formed? Good Cornings State size 4' x 4' and 3' 6" x 3' 6"

If of extraordinary size, state how framed and secured? Usual Size

What arrangement for shifting beams? None

Matches, themselves, whether strong and efficient? Yes Main Hatchways.—State size 9' 7" x 7' 4"

Order for Special Survey,

No. 203 Date 17th May 1872

Order for Ordinary Survey,

No. Date

DATES of Surveys held while building, as per Section 35.

1st. When the Frame is completed

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

3rd. { When completed, and before the plank be painted or payed }

Special Survey
while Building
from May 1872 to Dec 1872

General Remarks.

Visited 9th May, 19th September & 4th November 1872, 26th Mar
27th August, 28th October, 28th November & 27th December 1873.

The frame and beams are salted and the hulls coated and
salted all fore and aft. This is a strong well built little
vessel and is in my opinion eligible to Class as recommended.

Good A.O.

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

If Sheathed, Doubled, Felted, Coppered, or Yellow Metalled Single Bottoming When last done

I am of opinion this Vessel should be Classed 9 A.S.

The Amount of the Entry Fee.....£ 2 : : is received by me,

Travelling Expenses, Special.....£ 7 : 6 :

(if any) £ 3 . — Certificate.... : :

Committee's Minute 6th May 1874

Character assigned. A 1 for 9 yrs

L & PR 674/50



Lloyd's Register
Foundation