

No. 11 Survey held at London Date 11th Sept 1864
on the Barque Lusitania Master J Scott
Tonnage under tonnage deck 202 80 Built at London When built 1864 Launched Aug 16th 1864
Deck house 16 20 By whom built R B Salisbury Owners J B Bucknell and Sons
Ditto of poop 100 Port belonging to London Destined Voyage Newcastle & return
Total tonnage 219 100
Surveyed while Building, Afloat, or in Dry Dock Building, Afloat and dry Dock.

Length as per section 39 ..	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold	Feet.	Inches.	Number of Decks
Length of Keel	109	0	25	9	12	11 1/2	one		
Scantlings of Timber.									
TIMBER AND SPACE	28 1/2	in	2 1/2	in	2 1/2	in			
Floors	12 1/2	12	8 3/4	8 3/4	8 3/4	8 3/4			
1 st Foothooks	10 1/2	9 1/2	8 1/2	7 1/4	7 1/4	7 1/4			
2 nd Ditto	9 1/2	8 1/2	7 1/4	7	7	7			
3 rd Ditto	9	7 1/4	7	6 1/2	6 1/2	6 1/2			
Top Timbers	8 1/2	7	5 1/4	5	5	5			
Deck Beams, length amidships	24 ft 2 in								
Hold Beams, length amidships	23 ft 6 in								
Keel	12	16 1/2	23	10 3/4	10 3/4	10 3/4			
Scarp of Ditto	15 1/2	and 16 1/2	4 ft 9 in						
Keelsons	12 1/4	13 1/4	11 1/4	11 1/4	11 1/4	11 1/4			
Scarp of Ditto	15 1/2	and 16 1/2	5 ft 3 in						
Outside Plank.									
Garboard Strakes ..	3 1/2	2 3/4							
Garboard to Bilge ..	3 1/2	2 3/4							
Bilge Planks	3 1/2	2 3/4							
Bilge to Wales	3 1/2	2 3/4							
Wales	4 1/2	4 1/4							
Topsides	3 3/4	3 1/4							
Sheer Strakes	3 3/4	3 1/4							
Plank Sheers	3 1/4	2 3/4							
Water, Upper Deck ..	10 x 11	59 1/2							
Ways, Lower Deck ..	10 x 11	59 1/2							
Ditto, faying surface against Timbers ..	6 1/4	5 1/2							
Upper Deck	3	2 1/2							
Dimensions of Ship per Register.									
length 110 1/2 breadth 25 1/2 depth 12 1/2									
Inside Plank.									
Limber Strakes ...	3 1/2	3 1/4							
Bilge Planks	3 1/2	3 1/4							
Ceiling in Flat	2 3/4	2 1/4							
Ditto Bilge to Clamp	2 3/4	2 1/4							
Hold Beam Clamps ..									
Deck Beam Ditto ..	3	2 1/2							
Ceiling 'twixt Decks	2 1/2	2							
Hold Beam Shells ..									
Deck Beam Ditto ..	10 x 11	59 1/2							

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

Heel-Knee, & Deadwood abaft	Iron in Ship.	Inches required per Rule	Transoms and throats of Hooks	Iron in Ship.	Inches required per Rule	Hold Beam Bolts in	Waterway ..	Iron in Ship.	Inches required per Rule
Scarp of Keel, N ^o 7	1 1/4	1 1/2	Arms of Hooks	1 1/4	1 1/2		Knees		
Keelson Bolts through Keel at each Floor	1 1/4	1 1/2	Thro' Bilge & Limber Strakes	1 1/4	1 1/2		Shelf or Clamp		
Bolts thro' Heels of Timbers against Deadwood	1 1/4	1 1/2	Thickstuff over Double Floors	1 1/4	1 1/2		Waterway ..	13/16	1 1/16
			Butt End Bolts	1 1/4	1 1/2		Knees	14/16	1 1/16
			Pintles of the Rudder	1 1/4	1 1/2		Shelf or Clamp	13/16	1 1/16
							Nails or Bolts in Flat of Deck	6 1/2	
							Treenails 1 1/4. Inches	Stringer	1 1/2

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 1 Inches. The Space between the Top-Timbers is 5 1/2 Inches.
The Floors consist of Second hand English and Italian Oak. The First Foothooks of Second hand English and Italian Oak.
The Second Foothooks of Second hand Eng and Ital Oak. The Third Foothooks and Top Timbers of New and Old Eng and Ital oak.
The Shifts of the First and Second Foothooks are not less than 3 ft 0 in. N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are 3 ft 0 in.

The Frame is well squared from First Foothook Heads upwards, and quite free from sap, and from thence downwards, the frame is well squared.
The whole of the Frames are well bolted together to the Gunwale. N. B. If not, state how bolted.

The Butts of the Timbers are fairly close together; their thickness not less than 1/3 of the entire moulding at that place.
The Frame is part X chocked with a good Butt at each end of the chock. The Main piece of Rudder is Eng Oak of Windlass is Eng Oak.
The Keel is Eng Elm. The Main Keelson is Iron B^o, P^oine, Gold Ital Oak and quite free from all defects.

The Stern and Stern Post of Iron Dark. The Transoms, Knight Heads, Hawse Timbers, Old Ital Oak and Aprons of Second hand Teak. Deadwood, Old Teak, Iron and Eng Oak are quite free from all defects.
The Deck and Hold Beams of Iron. The Breasthooks of Eng Oak. The Knees of Iron.

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is Garb & Shake Eng Elm, { remainder
or to the First Foothook Heads } hackmatack

From the above named Height to the Light Water Mark hackmatack.
From the Light Water Mark to the Wales hackmatack.
The Wales and Black-strakes are P. Pine and hackmatack. The Topsides & Sheer-strakes P. Pine and hackmatack.

The Spirketting and Plank-sheers hackmatack. The Water-ways { Upper Deck hackmatack
Lower Deck hackmatack

The Decks Yellow Pine State of efficiency.
The Shifts of the Planking are not less than 6 Feet 0 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 hackmatack.
The Ceiling, Lower Hold, and between Decks hackmatack. Shelf Pieces and Clamps hackmatack.

Fastenings.—To Hold Beams (Iron 3 1/2 in only) are of Yellow Metal, the beams are hull iron 3 1/2 x 6 in having two angle irons on top each 2 1/2 x 2 1/2 x 1/4.

Deck Beams Shelf and Waterway, hackmatack domelled and bolted to each other, each beam having a hanging iron and in addition an iron lodging three in each mast room.

Number of Breasthooks (3 one wood, 2 Iron) Pointers nil. Crutches two Iron.
Butt End Bolts are of Yellow Metal in the Bottom. two Bolts in each Butt End one through and clenched.
Bilge and Limber Strakes planks are bolted through and clenched. Treenails of Stringer bark How Made turned.
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 R B Salisbury

Surveyor's Signature Joseph New

Thos. W. Wain

104652-0328

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

Her Standing and Running Rigging *J. I. wire & hemp* sufficient in size and *good* in quality.

She has (nem) one Long Boat and one dingey in good condition

The present state of the Windlass is good ~~Captain~~ Rudder good Pumps good

No. _____ Date *29 March 1867*

held while building,

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

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

General Remarks in conformity with Section 39 she has nine pairs of iron diagonal plates on the inside of the frame, the four midship pairs crossing each other and being in size $5^{\frac{1}{2}} \times 3^{\frac{1}{4}}$ the remainder are $4^{\frac{1}{2}} \times 1^{\frac{1}{2}}$ and are required in consequence of the length exceeding eight times and being under nine times the depth.

Bilge Logs of hickmatack are brought on the frame $10\frac{1}{2} \times 10\frac{1}{2} \times 42$ feet long fastened alternately with a though yellow metal bolt and two greenails. The said fastenings being in every timber.

She is fastened with Yellow Metal bolts and trenails from keel up to $\frac{1}{3}$ the depth of hold set down from the upper side of deck, above which all bolt fastenings are of Galvanized Iron

Chain Bables ^{gatts} 90 of ⁱⁿ $1\frac{1}{16}$ Tested at Staff. P. C. Set Se to ^{tons} 20, 6 ^{cert} 4776 Aug 23/67 J. N. P. ²⁸²
 — " — " 90 " $1\frac{1}{16}$ — " — " — " — " 20, 6 " 4777 — " — " D.
 B. Anchor ^{cert} 9, 1, 16 Tested Lloyd Cambrian Se to ^{tons} 11, 10, 0 ^{cert} 652 Jan 26/67 } ²⁸² Signed
 — " — " 8, 1, 4 — " — " — " — " — " 10, 8, 3 — " — " 724 March 14/67 }
 — " — " 7, 1, 27 — " — " — " — " — " 9, 13, 3 — " — " 796 May 13/67 } A. J.

If Sheathed, Doubled, Felted, or Coppered Yellow Metal on Paper When last done now

I am of opinion this Vessel should be Classed

The Amount of the Fee.....£ 3 : — : is received by me,

Special £

Certificate£

Committee's Minute

Character assigned

Lloyd's Register
Foundation