

No. Survey held at London Date 14th August 1863
on the Ship "Essex" Master Lash
Tonnage Old New 1255 Built at Sunderland When built 1863 Launched
By whom built G Marshall Owners G Marshall

Port belonging to London Destined Voyage Chk & Calcutta

Surveyed while Building, Afloat, or in Dry Dock Canal Dry Dock

Length aloft		Feet.	Inches.	Extreme Breadth Outside		Feet.	Inches.	Depth of Hold		Feet.	Inches.
Scauantlings of Timber.		IN SHIP.		REQUIRED PER RULE.		Thickness of Plank.		INCHES.		INCHES.	
TIMBER AND SPACE		Sided.	Moulded.	Sided.	Moulded.	Outside.	In Ship.	Required per Rule.	Inside.	In Ship.	Required per Rule.
Floors						Garboard Strakes			Limber Strakes		
1 st 1 st Foothooks						Garboard to Bilge			Bilge Planks		
2 nd Ditto						Bilge Planks			Ceiling in Flat		
3 rd Ditto						Bilge to Wales			Ditto Bilge to Clamp		
Top Timbers						Wales			Hold Beam Clamps		
Deck } N ^o Average }						Topsides			Deck Beam Ditto		
Beams } Space }						Sheer Strakes			Ceiling 'twixt Decks		
Deck Beams, length amidships						Plank Sheers			Hold Beam Shelves		
Hold } N ^o Average }						Water- } Upper Deck			Deck Beam Ditto		
Beams } Space }						Ways { Lower Deck					
Hold Beams, length amidships						Ditto, faying surface					
Keel						against Timbers					
Scarphs of Ditto						Upper Deck					
Keelsons											
Scarphs of Ditto											

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

		Copper or Iron.	Inches required per Rule			Copper or Iron.	Inches required per Rule			Copper or Iron.	Inches required per Rule
Heel-Knee, and Deadwood abaft				Transoms and throats of Hooks ..				Hold Beam Bolts in {		Waterway ..	
Scarphs of Keel.....N°. _____				Arms of Hooks				Knees		Inches _____	
Keelson Bolts through Keel at {				Bolts thro' Bilge & Limber Strakes, }				Shelf or Clamp			
each Floor				or Thickstuff over Double Floors }				{		Waterway ..	
Bolts through Heels of Timbers {				Butt End Bolts				Deck Beam Bolts in {		Knees	
against Deadwood				Pintles of the Rudder				Shelf or Clamp		Inches _____	

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

The Floors consist of _____ The First Foothooks of _____

The Second Foothooks of _____ The Third Foothooks and Top Timbers of _____

The Shifts of the First and Second Foothooks are not less than _____ N. B. When less than prescribed by the Rule, 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 to the Gunwale. N. B. If not, state how bolted.

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 piece of Rudder is _____

The Main Keelson is _____ and _____ free from all defects. The Main piece of Windlass is _____

The Stem, and Stern Post, consist of _____ The Transoms, Aprons, Knight Heads, and

Hawse Timbers of _____ Deadwood, of _____ and are _____ free from all defects.

The Deck and Hold Beams consist of _____ The Breasthooks of _____ The Knees of _____

Planking Outside.—From the Keel to the Height defined in Note to Table A } the Plank is _____
or to the First Foothook Heads }

From the above named Height to the Light Water Mark _____

From the Light Water Mark to the Wales _____

The Wales and Black-strakes are _____ The Topsides _____

The Sheer-strakes and Plank-sheers _____ The Water-ways { Upper Deck _____
Lower Deck _____

The Decks _____ State of _____

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

Planking Inside.—The Limber-strakes and Bilge-strakes are _____

The Ceiling, Lower Hold, and between Decks _____ Shelf Pieces and Clamps _____

Fastenings.—To Hold Beams _____

Deck Beams _____

Number of Breasthooks _____ Pointers _____ Crutches _____

Butts End Bolts are of _____ in the Bottom, and _____ Bolt in each Butt End through and clenched.

Bilge and Limber Strakes _____ bolted through and clenched. Treenails of _____ How Made _____

Thickstuff over Double Floors _____ bolted through and clenched. General Quality of Workmanship _____

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

Builder's Signature _____ Surveyor's Signature _____

SLD935-0322

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .			Fathoms. Inches.	N ^o .	Weight.
2 Sails	Fore Sails,	Chain	304 1 1/2	Bower,	35.3.0 Regus
	Fore Top Sails,	Hempen Stream Cable	90 11		30.1.20
	Fore Topmast Stay Sails,	Hawser Chain	90	Stream,	34.2.0
	Main Sails,	Towlines	90 1/2		33.2.0
	Main Top Sails,	Warp	90 6.	Kedge,	2
and		All of <u>good</u> quality.			

Her Standing and Running Rigging Wire & Hemp sufficient in size and good in quality.

She has one Long Boat and

The present state of the Windlass is secure Capstan good Rudder good Pumps

General Remarks and Statement and Date of Repairs, if any.

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 }	

Size of Hawser Chain 1 1/2
Lengths of Hawsers 90 Faths
Weights of Stream 11.3.2
& Kedges 6.0.7
No of Boats - 3 wire & 1
1 Launch 2 Cutters & 2 Life Boats

Present condition of Caulking of Bottom, Deck, and Waterways

If Sheathed, Doubled, Felted, or Coppered None on Steel When last done now

I am of opinion this Vessel should be Classed 13 A 1

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

Special£ : :

Certificate£ : :

Committee's Minute 4th August 1863

Character assigned A 1 for 13 Years

Grant 1 Beams



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