

No. 11689 Survey held at London Date June 27 & July 1 1843
 on the Bk Orion Master Matthiesen
 Tonnage 238 Built at Denmark When built 1839
 By whom built Matthiesen Owners Matthiesen
 Port belonging to Openrade Destined Voyage Buenos Ayres
 If Surveyed Afloat or in Dry Dock Afloat

Length aloft	Feet. 90	Inches. 6	Extreme Breadth	Feet. 26	Inches. 6	Depth of Hold	Feet. 13	Inches. 6
Scantlings of Timber.			Thickness of Plank.					
Timber and Space	24		Outside.			Inside.		
Floors	sided 9	Moulded 12	Keel to Bilge			Foot Waling	2 1/2	
1 st Foothooks	7	9	Bilge Planks			Bilge Planks	3	
2 nd Ditto	7	8	Bilge to Wales			Ceiling in Flat	2 1/2	
3 rd Ditto			Wales			Ditto Bilge to Clamp	2 1/2	
Top Timbers	7	6	Topsides			Hold Beam Clamps	3	
Deck Beams N ^o . of 23	9	9	Sheer Strakes			Deck Beam Ditto	4	
Hold Beams N ^o . of 13	10	9	Plank Sheers	3		Ceiling 'twixt Decks	2	
Keel			Water-Ways	6		Hold Beam Shelves		
Kelsons	11 1/2	12 1/2	Upper Deck	3		Deck Beam Ditto		
Size of Bolts in Fastenings.			Iron.					
Copper.			Copper.			Hold Beam		
Heel-Knee, and Dead Wood abaft			Bolts thro' the Bilge and Foot Waling			Deck Beam		
Scarphs of Keel N ^o .			Butt End Bolts			same in Iron above the Copper.		
Floor Timber Bolts			Lower Pintle of the Rudder					
Kelson ditto								
Transoms and throats of Hooks								
Arms of Hooks								

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is _____ Inches. The Space between the Top-timbers is 4 Inches. The Stem, Stern Post, are composed of Baltic Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of Baltic Oak and are _____ free from all defects. The Floors and first Foothooks are composed of ditto Timber. The other Foothooks and Top Timbers of ditto. 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 well squared from the first Foothook Heads upwards, and fairly free from sap, and from thence downwards, the frame is _____. The alternate Frames are _____ bolted together. 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 _____ choaked with _____ Butt at each end of the chock. The Main Kelson is composed of Baltic Oak and the False Kelson of _____. The Scarphs of the Kelsons are not less than six feet _____ inches. The Deck and Hold Beams are composed of Baltic Oak.

Planking Outside.—From the Keel to the first Foothook Heads the Plank is composed of Baltic Oak. From the first Foothook Heads to the Light Water Mark of ditto. From the Light Water Mark to the Wales of _____. The Wales and Black-strakes are of _____. The Topsides of _____. The Sheer-strakes and Plank-sheers of _____. The Water-ways of _____. The Decks of Baltic Oak State of good. The Shifts of the Planking are not less than 4 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 two & three between _____ the Bilge Planks of Baltic Oak.

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

Fastenings.—To Hold Beams secured on the shelf and a waterway. Deck Beams one oak diagonal knee. Number of Breasthooks four Pointers none Crutches _____. Butts End Bolts are of Copper in the Bottom, and one Bolt in each Butt End through and clenched. Bilge and Footwaling are bolted through and clenched. General Quality of Workmanship good.

We certify that the preceding is a correct description of the above-named Vessel,

Builder's Name _____

Surveyor's Name W. Woodcock



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

11689 Lon

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

N ^o .		Fathoms.		Inches.	N ^o .
2	Fore Sails,	200	Chain	1 1/8	3
2	Fore Top Sails,	100	Hempen Stream Cable	7	1
2	Fore Topmast Stay Sails,	100	Hawser	3	1
2	Main Sails,		Towlines		
2	Main Top Sails,	120	Warp	4	
and <u>well frayed on small sails</u>			All of <u>good</u> quality.		

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

She has no Long Boat and jolly boat

The present state of the Windlass is good Capstan good and Rudder good

General Remarks—Statement and Date of Repairs.

This vessel has been opened in several places to ascertain the quality of the timbers, the materials are of good description and she is throughout in a very sound & efficient state

~~It~~ Sheathed, Doubled, Felted, or Coppered over paper When last done 1842

I am of opinion this Vessel should be Classed 7 A

The Amount of the Fee.....£ 3 : - : - is received by me, H. R. Woodroffe

Special£ : :

Committee's Minute 4th July 1845

Character assigned A 1 per 7 Jan
al



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