

No. 2128 Survey held at Dumbarton Date 23<sup>rd</sup> October Rec 4/11/46 2128  
 on the Ship "Asia" Master Isaac Watts  
 Tonnage 450 <sup>43</sup>/<sub>100</sub> Built at Dumbarton When built Launched 8<sup>th</sup> September 1846  
 By whom built A. McMillan & Son Owners George Smith & Sons  
 Port belonging to Glasgow Destined Voyage Calcutta  
 If Surveyed Afloat or in Dry Dock Building Slip

Length aloft	Feet. 118	Inches. 2	Extreme Breadth	Feet. 28	Inches. 0	Depth of Hold	Feet. 19	Inches. 2
<b>Scantlings of Timber.</b>			<b>Thickness of Plank.</b>					
Timber and Space..... each	Inches. 2 1/2		<b>Outside.</b>		Inches.	<b>Inside.</b>		Inches.
Floors..... sided	13	Moulded	12 1/2	10 1/2	Keel to Bilge	3	Foot Waling	4
1 <sup>st</sup> Foothooks.....	11	"	12	10	Bilge Planks	5	Bilge Planks	4 Strakes
2 <sup>nd</sup> Ditto.....	10	"	10	8 3/4	Bilge to Wales	4	Ceiling in Flat	3
3 <sup>rd</sup> Ditto.....	9	"	8 3/4	7 1/2	Wales	5	Ditto Bilge to Clamp	3
Top Timbers	8 1/2	"	7 1/2	5	Topsides	3	Hold Beam Clamps	4
Deck Beams ....N°. of 21	9 1/2	"	9	7	Sheer Strakes	4 + 3/4	Deck Beam Ditto	3 3/4
Hold Beams ....N°. of 20	12 1/2	"	12 1/2	10	Plank Sheers	4	Ceiling 'twixt Decks	2 3/4
Keel	13 1/2	"	13 1/2	-	Water-Ways	10 1/2	Hold Beam Shelves	8
Kelsons	14	"	14	-	Upper Deck	3	Deck Beam Ditto	7 1/2

<b>Size of Bolts in Fastenings, distinguishing whether</b>			<b>Iron.</b>		Inches.
<b>Yellow Copper or Iron. Metal</b>	Inches.	<b>Yellow Copper or Iron. Metal</b>	Inches.		
Heel-Knee, and Dead Wood abaft	1 5/16	Bolts thro' the Bilge and Foot Waling	7/8	Hold Beam	Yellow Metal 1 1/8
Scarpsh of Keel.....N°. 8	7/8	Butt End Bolts	3/4	Deck Beam	Iron 1 1/8
Floor Timber Bolts	1 3/16	Lower Pintle of the Rudder	3 1/2		
Kelson ditto	1 3/16				
Transoms and throats of Hooks	1 1/8				
Arms of Hooks	1 1/8				

**Timbering.**—The Space between the Floor Timbers and Lower Foothooks in this Vessel is Close Inches. The Space between the Top-timbers is 4 to 7 Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are 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 4 feet 2 inches N. B. When less than prescribed by the Rule, state how many.

The rest of the Shifts of the Frame are 4 feet 6 inches

The Frame is fair squared from the first Foothook Heads upwards, and free from sap, and from thence downwards, the frame is fair squared & free from sap

The ~~alternate~~ Frames are all bolted together. N. B. If not, state how bolted.

The Butts of the Timbers are all close together; their thickness not less than 3 of the entire moulding at that place.

The Frame is Cross chocked with some Butts at each end of the choek.

The Main Kelson is composed of Greenheart & English Oak and the False Kelson of American Elm

The Scarpsh of the Kelsons are not less than 7 feet — inches.

The Deck and Hold Beams are composed of English Oak and Greenheart

**Planking Outside.**—From the Keel to the first Foothook Heads the Plank is composed of American Rock Elm

From the first Foothook Heads to the Light Water Mark of Pitch Pine and English Oak Hoedings

From the Light Water Mark to the Wales of Greenheart, African Oak and English Oak Hoedings

The Wales and Black-strakes are of Greenheart, African Oak & some English Oak The Topsides of Pitch Pine

The Sheer-strakes and Plank-sheers of African & English Oak The Water-ways of Pitch Pine

The Decks of Yellow Pine State of Good

The Shifts of the Planking are not less than 3 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 Strakes between

**Planking Inside.**—The Limber-strakes are composed of Dubee White Oak the Bilge Planks of Dubee W. Oak

The Ceiling, Lower Hold, of Dubee White Oak Between Decks of Pitch Pine

Shelf Pieces of African Teak Clamps of Dubee White Oak

**Fastenings.**—To Hold Beams Shelf, Dowelled Iron Staple, Lodging Knees to every Beam

9 pair diagonal hanging Knees, 2 pair Staple Standards

Deck Beams Shelf, and thick Plank next Waterways Dowelled, Staple Lodging Knees to every Beam - 14 pair Iron Diagonal Hanging Knees

Number of Breasthooks Five Pointers One pair Crutches One

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

Bilge and Footwaling Yellow Metal 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 Wm. Robertson

C. F. SEYFANG, PRINTER, FARRINGTON STREET, LONDON.



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

She has SAILS.			CABLES, &c.		ANCHORS, and their weights.		
N <sup>o</sup> .		Fathoms.		Inches.	N <sup>o</sup> .		
2	Fore Sails,	120	Chain .....	1 1/2	3	Bowers	6. 2. lb 6. 2. lb 6. 2. lb
2	Fore Top Sails,	85	Hempen Stream Cable .....	8	1	Stream,	22" 0" 0" 21" 0" 0" 20" 0" 0"
2	Fore Topmast Stay Sails,	85	Hawser .....	7	2	Kedge	8" 0" 0" 0" 2" 0" 0" 0"
1	Main Sails,	60	Towlines <del>Stream Chain</del> .....	1			
2	Main Top Sails,	85	Warp .....	5			
and all other requisite sails			All of <u>Good</u> quality.				

Her Standing and Running Rigging is Complete sufficient in size and Good in quality.

She has One 22 feet Long Boat and One 24 feet Pinnace & One 19 feet Jolly Boat

The present state of the Windlass is Good Capstan (2) Good and Rudder well fitted & Good

### General Remarks—Statement and Date of Repairs.

This is a good, well finished Ship. The timbers are all framed and Botted together, of well seasoned English Oak. The planking Outside and Inside Ceiling well seasoned and of Good quality. All the Deck Beams dowelled to the thick plank next the waterways and to the shelf.

The Out and in Hold Beam fastenings, Rotts viz. Lodging Knees Shelfpieces and stringer (or Waterway over the Beams) are all yellow Metal.

She has a full Poop, fore castle and full length Figure Head. The Bottom sheathed with yellow Metal over patent Felt to the 19 feet Water line.

Specially surveyed by me during the progress while Building & in accordance with the Rules.

Deck Beam Spaces from Hook <sup>It inches</sup> 3" 3" 4" 1" 4" 3" 4" 9" 3" 10" 5" 0" 4" 7" 4" 8" 4" 5" 4" 8" 8" 0" 4" 9" 4" 2" 4" 6" 4" 6" 4" 7" 4" 8" 4" 6" 4" 9" 4" 8" 4" 1" 21" 21"

Hold Beams <sup>It in.</sup> 2" 8" 3" 5" 4" 0" 4" 0" 4" 6" 5" 2" 4" 3" 4" 2" 4" 1" 4" 5" 8" 4" 4" 4" 4" 5" 4" 9" 4" 4" 4" 8" 4" 0" 4" 10" 4" 6" 5" 0" 20" 20"

If Sheathed, Doubled, Felted, or Coppered Yellow Metal over Felt When last done September 1846

I am of opinion this Vessel should be Classed A 1. 10 years

The Amount of the Fee.....£ 5 : 0 : 0 is received by me,

Special .....£ 22 : 10 : 0

Certificate (if required) .....£ 0 : 10 : 0

Committee's Minute 6th Nov 1846

Character assigned A 1 for 10 years

Please to Forward a Certificate of Classification