

No. Survey held at London Date 17th Feb^r to 11th March 1854
on the Ship "Colgrain" Master A. C. Loney
Tonnage Old New 623 Built at Cochin When built 1853 Launched
By whom built Ougherson Owners Somes Bro^r
Port belonging to London Destined Voyage Government Service as
If Surveyed while Building, Afloat, or in Dry Dock Fletcher's dry dock

| | | | | | | | | |
|------------------------------|-----------------------------------------|---------|----------------------|---------|------------|---------------|-------|---------|
| Length aloft | Feet. | Inches. | Extreme Breadth | Feet. | Inches. | Depth of Hold | Feet. | Inches. |
| Scantlings of Timber. | | | | | | | | |
| Room and Space | | Inches. | | | Inches. | | | |
| Floors | sided | 12 | Moulded | 15 | | | | |
| 1 st Foothooks | " | 11 | " | 11 | | | | |
| 2 nd Ditto | " | 11 | " | 11 | 9 1/2 | | | |
| 3 rd Ditto | " | 9 1/2 | " | 8 1/2 | | | | |
| Top Timbers | " | 8 3/4 | " | 7 1/2 | | | | |
| Deck Beams N ^o 23 | Average Space } 4" 8 | 10 | " | 9 | 7 | | | |
| Hold Beams N ^o 21 | Average Space } 4" 6 | 12 | " | 12 | 10 | | | |
| Keel | " | 14 | " | 14 | under garb | | | |
| Keelsons | " | 14 | " | 14 | | | | |
| Scarpns of Ditto | 6" 8 | | " | | | | | |
| Thickness of Plank. | | | | | | | | |
| Outside. | | | Inside. | | | | | |
| Keel to Bilge | Inches. | | Limber Strakes | Inches. | | | | |
| Bilge Planks | 4 1/4 | | Bilge Planks | 4 1/2 | | | | |
| Bilge to Wales | 4 1/4 | | Ceiling in Flat | 3 3/4 | | | | |
| Wales | 5 1/4 | | Ditto Bilge to Clamp | 4 | | | | |
| Short Hoods | | | Hold Beam Clamps | | | | | |
| Topsides | 4 3/4 | | Deck Beam Ditto | | | | | |
| Sheer Strakes | 4 1/4 | | Ceiling 'twixt Decks | 3 | | | | |
| Plank Sheers | | | Hold Beam Shelves | 11 x 10 | | | | |
| Water-Ways | upper deck 12 x 11 lower deck 10 x 9 | | Deck Beam Ditto | 11 x 7 | | | | |
| Upper Deck | 3 | | | | | | | |

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

| | | | | | | | | |
|--------------------------------------|----------------|--------------|------------------------------------|----------------|--------------|----------------------------|----------------|--------------|
| Heel-Knee, and Deadwood abaft | Copper Inches. | Iron Inches. | Transoms and throats of Hooks | Copper Inches. | Iron Inches. | Lower Pintle of the Rudder | Copper Inches. | Iron Inches. |
| Scarpns of Keel.....N ^o . | | | Arms of Hooks | | | Hold Beam | | |
| Floor Timber Bolts | | | Bolts thro' Bilge & Limber Strakes | | | Deck Beam | | |
| Kelson ditto | | | Butt End Bolts | | | | | |

Timbering.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 4 Inches. The Space between the Top-timbers is 6 1/4 Inches. The Stem, Stern Post, consist of Malabar Teak the Transoms, Aprons, Knight Heads, Hawse Timbers, and Deadwood, of D^o and are free from all defects. The Floors consist of Malabar Teak The First Foothooks of d^o Timber. The Second Foothooks of d^o The Third Foothooks of d^o The Top Timbers of d^o 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 Keelson is Malabar Teak and free from all defects. The False Keelson is The Deck Beams consist of d^o The Hold Beams of d^o The Knees of Iron

Planking Outside.—From the Keel to the Height defined in Note to Table 2, the Plank is Malabar Teak From the above named Height to the Light Water Mark d^o From the Light Water Mark to the Wales d^o The Wales and Black-strakes are d^o The Topsides d^o The Sheer-strakes d^o and Plank-sheers d^o The Water-ways d^o The Decks d^o State of good 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 three between

Planking Inside.—The Limber-strakes are Malabar Teak the Bilge Planks d^o The Ceiling, Lower Hold, d^o Between Decks d^o Shelf Pieces d^o Clamps

Fastenings.—To Hold Beams An iron hanging knee to every beam Deck Beams An iron hanging knee to every beam Number of Breasthooks 3 of wood & 1 of iron Pointers Crutches 2 of iron Butts End Bolts are of iron in the Bottom, and one Bolt in each Butt End through and clenched. where seen Bilge and Limber Strakes are not bolted through and clenched. Treenails of Iron Bolted How Made General Quality of Workmanship good

We certify that the preceding is a correct description of the above-named Vessel,
Builder's Signature _____ Surveyor's Signature Richard Abethell
M M Intyre

104634-0274

18855 *Lon*

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

She has SAILS.

CABLES, &c.

ANCHORS, and their weights.

| N ^o . | | | Fathoms. | Inches. | | N ^o . | Weight. |
|-------------------------------|--------------------------|-----------------------------|----------|---------|---------------|------------------|---------|
| <i>Two complete sails</i> | Fore Sails, | Chain | 330 | 1 1/2 | Bower, | 1 | 26 |
| | Fore Top Sails, | Hempen Stream Cable | | 9 | | 1 | 23 |
| | Fore Topmast Stay Sails, | Hawser | | 7 | Stream, | 1 | 7 |
| | Main Sails, | Towlines | | 6 | | | |
| | Main Top Sails, | Warp | | | Kedge, | 1 | 4 |
| and | | All of <u>good</u> quality. | | | | | |

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

She has One Long Boat and three others.

The present state of the Windlass is good Capstan good Rudder good Pumps 2 in 12^o of wood

General Remarks—Statement and Date of Repairs.

This ship has thick strakes worked inside at the heads and heels of the timbers;— at the Floor head 9 1/2 thick, at the 1st head 6 thick, and at the 2nd head 5 1/2 thick. In the Upper deck, the thirteen midship strakes are 5 thick, and the remainder 3 thick.

She has a Poop and Topgallant Forecastle. Now done, a listing cut out on both sides at the height of 1st Futtock heads. The frame appears to be all of Malabar Teak, to be well squared, and sufficient in scantling. About 200 additional iron bolts driven thro' the clumps and bilges.

If Sheathed, ~~Doubled, Felted, or Coppered~~ pt Copper, pt Y. metal When last done 1853

I am of opinion this Vessel should be Classed 12 A

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

Special£ 3 : 3 : —

Certificate (if required)£ — : — : —

Committee's Minute 21st March 1854

Character assigned 1 pr 12 Yrs

Richard Abethell



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