

REPORT of SURVEY for REPAIRS.

No. in Reg. Book. **No.** 120 Survey held at London Date June 23rd to Sep^r 15th 1864.
 on the Barque Reform Master Ellis
 Tonnage 407 Built at Quebec When built 1860.
 By whom built Gilmour Owners H. Ellis.
 Port belonging to London Destined Voyage Tate Bay.
 If Surveyed Afloat or in Dry Dock "Princes" dry dock and afloat

Last Survey, No. 16766 Port Liverpool. Classed Y.A.1.
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REPAIRS

This Vessel was docked in June, the Yellow metal sheathing was all stripped off, the outside caulked; and she was again resheathed, and on examining her at that time, some dry rot or defects at the after end were pointed out to the Owner, which he engaged to remove; and also to have her further overhauled, and repaired afloat. the Vessel being chartered. She was undocked put into the "Hermitage Basin" and had got nearly the whole of her Cargo shipped; but finding the defects were increasing more and more, they were obliged to discharge most of it, and put her into dry dock again. (13 July) the following being found in a state of decay or dry rot. viz the whole of the Stern Timbers. Planking aft inside and outside, Quarterwork. Lining & above the Deck. The upper part of the inner and outer Stern Posts.

Present Condition of the

Decks <u>in good order</u>	Treenails <u>good</u>	unhung & Stripped Windlass and Capstan <u>in good order</u>
Waterways <u>"</u>	Breasthooks and Stemson <u>"</u>	Pumps <u>"</u>
Comings <u>"</u>	Transoms, Pointers, and Crutches <u>"</u>	Boats <u>"</u>
Upper Deck Beams & Fastenings <u>"</u>	Timbers of the Frame at the openings <u>"</u>	Masts, Yards, &c. <u>"</u>
Lower Deck Beams & Fastenings <u>"</u>	Ditto Ditto at other places <u>"</u>	Sails <u>"</u>
Plank sheers <u>"</u>	Keelsons <u>"</u>	Anchors No. of 3 <u>"</u>
Sheerstrakes <u>"</u>	Clamps and Shelves <u>"</u>	Cables <u>"</u>
Topsides <u>"</u>	Ceiling <u>"</u>	Hawsers and Warps <u>"</u>
Wales <u>"</u>	Rudder <u>efficient</u>	Standing & Running Rigging <u>"</u>
Plank (Bottom) and Counter <u>"</u>	Copper <u>Yellow Metal</u> When put on <u>1864</u>	

General Observations and Opinion,

Caulking of Bottom, Deck, & Waterways. good where tested.

This Vessel having now been well overhauled and repaired, and all defects (as far as can be seen) removed. I am of opinion she is fit for the conveyance of dry and perishable Cargoes to and from all parts of the World, and entitled to remain as Classed Y.A.1.

The Amount of Fee.....£ 1 : - : - is received by me,

Special..... Y : Y : JH

Certificate (if required) —

Committee's Minute 3rd January 1865

Character assigned 7th 1st record Repair



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Heel Knee &c. And on the Starb^d side commencing aft at the upper part, most of the outside Planks, including the Plank Sheer, Waterways, Sheer Strake. Topsides &c down to the lower part of the Wales in mid^gs, and nearly the whole of the Topsimbers to within about twenty or thirty feet of the Stem were found more or less decay'd. — Port side the whole of the after Hoods and Buttck planks. Twenty Topsimbers, Waterway, Plank Sheer and Sheer Strake; but not so far forward as on the opposite side.

— The following new Timbers Planks &c have been introduced Starb^d side eighty eight Topsimbers, three Strakes of Wales all fore and aft except the fore hoods. — four Strakes of Topsides. — the two Sheer Strakes, the Plank Sheer also the Waterways, and binding Strake next the Waterway excepting the foremost lengths. Likewise sixteen Rough tree Rail Stansions; and eleven beam ends scarph'd on the Starb^d side, and one on the Port. — — — The After lengths of Waterway, Plank Sheer and Sheer Strake. Twenty Topsimbers, the after hoods and Buttck planks have all been renew'd on the Port side. — The whole of the Stern or Counter Timbers at the up^r part, also the Inner, the Middle, and outer Posts, the Heel Knee to Deadwood aft Stern planking or lining above the Deck inside and outside Taffrail and all rails, Ekings, Chocks, Rudder Trunk &c in connection with the Stern all renew'd or made good. Transom Plates, Hooks &c refitted and bolted. — Bolsters or Channels to all the masts, and Chain work to the Rigging refitted and secured on the Starb^d side, also five new Cast iron Screw tie plates to Beam ends, Iron Staple Lodging Knees introduced in wake of Mast partners in lieu of the decay'd Wood Knees and Chocks to Beam ends. — Starb^d side. — Rudder refitted and shipp'd, the Steering Apparatus, ends of Deck planks aft and some of the Ceiling planks renew'd.

The whole of the ~~Topsimbers~~ now introduced are of Samarac, the Waterways of Red pine, Stern or Counter Timbers are part of English, part of Danzick Oak, Inner and Middle Post of Samarac, Outer Post of Danzick Oak, up^r part scarph'd. She has been recaulk'd aft as low down as the yellow metal sheathing has been taken off, and from the Copper line to Gunwale all fore and aft, including the Waterway Seams; the sheathing where stripped off aft and also in mid^gs has been renew'd, Rigging has again ^{been} refitted, and the Vessel throughout thoroughly overhauled and put in order. —

— — — Samuel Resons.



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