

REPORT of SURVEY for REPAIRS.

Rec 28/7/58

No. 1362 Survey held at Heartlepool Date 24 June 1853
 on the Iron Barque Vulcan Master _____
 Tonnage 298 Built at Aberdeen When built 1840
 By whom built _____ Owners Fawcus & Co
 Port belonging to Heartlepool Destined Voyage Baltic
 If Surveyed Afloat or in Dry Dock in a dry dock

Last Survey, No. 221 100 1847 Port Iron Ships Classed A1 Ship

REPAIRS

This vessel was Specially Surveyed on the 24th of June with the view of being classed A1 found on Survey the Starboard flat of the floor much up also several of the hold beams crippled being deficient in strength also the wood shear strakes and plank sheers and waterways defective the strake next the waterways defective and a quantity of stantions broken. Recommended the whole of the shearstrakes and plank sheers to be renewed part of the waterways and all the broken stantions to be renewed to take out four of the hold beams and introduce efficient ones to take up two strakes of ceiling of the flat each side to examine the frame and found the whole of the frame along the flat had been broken at some former time and they had then introduced some extra frames along the flat. Recommended an assistant keelson to be fitted along the flat of the floor each side over the frames but not feeling sufficiently satisfied with the frame recommended two more strakes of ceiling each side to be taken up so as further to expose the frame and then found it highly desirable to recommend some additional Iron frames along the flat which with the assistant keelsons I considered highly necessary before recommending her to be classed A1.

The work now done is 65 feet of lower shear strake starboard side 50 feet of upper shear strake starboard side 160 feet of deck next the waterways two shifts of waterway 64 feet of plank sheer 10 english oak stantions 195 feet of ceiling 14 feet of danzig oak spurkitten and 20 feet of english oak coamings

Present Condition of the

Decks	Treenails	Windlass and Capstan
Waterways	Breasthooks and Stemson	Pumps
Comings	Transoms, Pointers, and Crutches	Boats
Upper Deck Beams & Fastenings	Timbers of the Frame	Masts, Yards, &c.
Lower Deck Beams & Fastenings	Keelsons	Sails
Plank sheers	Clamps and Shelves	Anchors No. of
Sheerstrakes	Ceiling	Cables
Topsides	Rudder	Hawsers and Warps
Wales	Copper	Standing & Running Rigging
Plank (Bottom) and Counter	When put on	

General Observations and Opinion,

We consider this vessel most efficient in her plating the plates being throughout $\frac{5}{8}$ and $\frac{3}{4}$ thick but in all other respects very deficient in strength both in her framing and lower deck beams and that has they have not complied with the recommendations on survey we consider her not eligible to be classed A1.

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

Special..... : :

Certificate (if required) : :

Committee's Minute.....18

Character assigned.....

John McEwen
 Jos. B. Simes



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Lloyd's Register
 IRON43120246