

Steamer "Minerva"

plates renewed and eight in the same shade on Starb^d side renewed. The lower landing edge of stoke at upper turn of bilge fitted with a doubling plate 8" x 5/8" a liner being fitted in way of landing for a length of 65 ft amidships. Four outside doubling plates fitted in way of upper deck scupper pipes on each side of vessel in stoke below cheerostrake the plates being one space in width, four outside straps fitted to butto of stoke at upper turn of bilge on port side. Four doubling plates fitted on Starb^d side in way of cabin side light and three on the port side; two plates at upper part of bilge on each side of vessel in way of boilers removed to execute repairs to frames ^{in bunkers} and replaced. Nine frame angles on Starb^d side in bunkers and six on port side part renewed with lengths from 10 to 20 ft; thirteen reverse angles in way of bunkers renewed; the keelson angles in bunkers and in Engine space renewed on each side of vessel; seven floor plates in way of engine settings renewed and three doubled, new bolts fitted to Engine setting; bunker casings renewed except a few plates; Quarter deck stringer plate in way of Starb^d side bunker doubled, new coaling hatchway fitted, deck renewed in way of coaling hatches. Fiddle casing renewed, four reverse frames under boilers port renewed. In Main Hold twelve reverse frames port renewed on each side of vessel. After bulkhd. of Main Hold part renewed; one plate in Bulk^{hd.} at fore end renewed. Three reverse frames in No. 2 Hold part renewed, cement repaired throughout vessel.

105 fms of chain cable renewed through being reduced below minimum thickness.

105 fms 1 5/16 stud link weight ^{c. 2 1/2} 93.2.18 tests ^t 46.10.0 ^t 31.

Makers J. Hingley & Son. Test Cert. No. 28414 Detherton 15/7/97 H. Green

30 fms 1 9/16 stud link weight ^{c. 2 1/2} 30.2.19 tests 51 & 54 tons

Makers J. Hingley & Son. Test Cert. 28390 Detherton 22/6/97 H. Green

30 fms of stream chain renewed - 7/8 stud link weight ^{c. 2 1/2} 12.0.26

tests ^t 20.12.2 & ^t 13.15.0 Makers J. Hingley & Son. Test Cert. No. 28391.

Main Mast & Main Rigging renewed { Detherton 22/6/97 H. Green }

To complete survey - the stream ~~etc.~~ anchor and thirty fathoms of stream chain requires to be exam^d. The Master informs me that this is lying on quay at Copta where vessel trades, the same will be put on board on vessel's arrival and will be seen when she arrives here which will be in three weeks time.