

Lloyd's Register of Shipping.

Ship's Name *ENDCLIFFE*Official No. *131316*

Memorandum of alterations reported since ship was surveyed for assignment of Load Lines in ✓

Alterations carried out in connexion with fitting vessel to carry & pump sand in bulk in the Bristol Channel.

A steel tank has been constructed in the vessel's hold below the hatch into which the sand-laden water is pumped by a centrifugal pump on deck. To permit of surplus top-water to drain away, holes 18" x 9" have been cut in the hatch side coamings above the deck (2 forward & 2 aft). Welded steel trunks lead from these holes overboard through the bulwarks. Two portable sluice doors are fitted in each trunk, one at hatch & one at bulwark. Doors attached to vessel by chains.

The existing hatch has been shortened at fore end by 3 frame spaces (5'-3") & space forward of hatch, beamed & plated over & reinforced with 3 intercostal longitudinal girders to take the sand pump. New beams ~~are~~ of same size as existing full width beams & scarphed onto existing $\frac{1}{2}$ beams. Thickness of new deck plating $\frac{5}{8}$ "

An access hatch (20" x 20", coaming $\frac{5}{8}$ " thick) to the hold has been constructed aft of the forecandle front bulkhead, in place of a hold ventilator. Hatch is of same height as main hatch & is closed by hinged steel cover made watertight by 2 tarpaulins with battering bars & wedges.

A copy of this memorandum attached to C.11. on board. A.B.H.

Noted

[Signature]

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Foundation

002938-00946-0331