

Mess^{rs} Amos and Smith. Ltd. Hull

Admiralty Castle Class trawlers S.S. "John Gauntlett" and S.S. "Griffith Griffith" proposed to be converted into cargo carriers.

These vessels are sister ships built by Mess^{rs} Cook, Gemmell and Welton and are classed 100 A.1. "Steam Trawler"

Sketch showing proposed alterations for conversion to a cargo carrier.

It is submitted that it be pointed out to the Surveyors that as the space between frames No 30 and 44 is intended for cargo, the bulkhead on frame No 30, dividing the cargo hold from the machinery space will require to be made watertight and the watertight bulkhead on frame No 44 could be dispensed with.

In this instance no objection need be taken to the arrangement of Windlass and Haulage pipe as at present fitted.

The stiffening and bracketing of the watertight bulkheads throughout the vessel, and stiffening of the machinery casing, and the protection afforded to the entrance into the Engine room should be arranged to the Surveyors' satisfaction.

The equipment supplied to these vessels is in accordance with Rule requirements for Steam Trawlers and the Lloyd's Register Foundation

proposal to make the equipment equivalent to Rule Standard for Cargo vessels is as follows:—

<u>Rule</u>	<u>Proposal</u>
1 stream $2\frac{3}{4}$	cuts qrs lbs
2 Bowers $8\frac{1}{4}$ cwt stockless	1 bower 8-1-21 stockless
1 stream $2\frac{3}{4}$ " 24 stock	1 " 7-1-21 "
1 Redge 1 " "	1 stream 3-0-0 $2\frac{1}{2}$ stock <small>(stock 3 qrs 4 lbs)</small>
	1 Redge 1-0-0 $2\frac{1}{4}$ stock
Total <u>21 cuts</u> 0 qrs 14 lbs (incl stocks)	<u>20.3.14</u> (incl stocks)
165 fathoms $1\frac{5}{16}$ stud chain (74 cuts 1 qr 26 lbs)	30 fms $1\frac{1}{16}$ stud link (17.1.0) <small>qr. lbs</small>
	105 " $1\frac{1}{16}$ " " (62.2.11)
90 " 5" Hawsers + warps	60 fms Hawsers + warps $2\frac{1}{2}$ S.W.
45 " $2\frac{1}{4}$ S.W.	60 " " " $2\frac{1}{4}$ S.W.
75 " $2\frac{1}{2}$ S.W.	90 " Hawsen 5"
	60 " Tawline $2\frac{1}{2}$ S.W.
	60 " Stream wire $2\frac{1}{4}$ S.W.

It will be seen that the weight of the anchors proposed is 1 qr less than the rule requirements. The 105 fathoms of $1\frac{1}{16}$ cable at present on board will be increased by the addition of 30 fms of the same size chain. This will have a total weight of 80 cuts as against 74 cuts 1 qr 26 lbs required by the rules and it is submitted that in view of the additional weight of the cable the slight deficiency in the weight of the anchors might be approved for the figure.1.

28.5.20
24.6.20 (part)
plan