

For Reports Dept., Wok.

Messrs. Harland & Wolff's No. 1167G.

"EMPIRE MACKAY". *Yls. F.E. Rpt.*

Dimensions:- 460' x 61' x 33.25'

This vessel is a tanker of the single deck type with two longitudinal bulkheads and is framed longitudinally at the bottom and deck and transversely on the sides. The plans were originally approved for the class 100A1 "Carrying petroleum in bulk" with the notation "Longitudinal framing at bottom and at deck".

During construction and at the request of the Admiralty (MS), arrangements were made to convert the ship into an M.A.C. and a number of plans covering the conversion were approved.

The equipment was originally approved on the basis of letter *c* with the approved reduced length of cable and the third bower anchor omitted. The effect of the added erections as a M.A.C. was, however, to increase the grade to *d* and, in view of the special service and design of the ship, the question of the equipment was the subject of special consideration by the Admiralty, which body suggested that the cable originally approved should, as compensation for the additional anchor weight and cable required by the higher grade, be increased from 240 fathoms to 330 fathoms of 2.7/16" stud chain. This proposal was approved.

The Admiralty also stated that, as in the case of the conversion of existing tankers to M.A.C.'s, the "EMPIRE MACKAY" would be used only for the carriage of oil fuel F.P. above 150° F. with the notation amended to suit.

[Signature]
13th October, 1943.



Lloyd's Register
Foundation

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