

Steel Twin Screw Motor Vessel, Yard No. 318, to be built by Messrs. Wilton's Slipway & Engineering Co. for the Holland Amerika Line with a view to class 100A1.

Rule dimensions : 149.35 x 19.66 x 12.19 metres.  
(490 x 64.5 x 40 feet)

Scantling numbers : 1821 and 4757 (in metric units)

Proportions : Length = 12.25 depths to upper deck  
10.09 depths to bridge deck.

Name of

Plans of midship section, profile and decks were approved in the Rotterdam Office on the 11th instant. These plans have been forwarded with the request that they be returned to the Rotterdam Office after examination. Copies for record purposes will be forwarded later.

The plans have been examined and the scantlings and arrangements compared with the Society's Rules, and they appear to be generally in order.

The vessel has three steel decks with poop, long bridge and forecastle. The machinery is situated amidships, and a large deep tank is arranged at the after end of the machinery space. This disposition <sup>might</sup> possibly give a concentration of loading amidships. The upper deck plating clear of the bridge is of substantial thickness well supported by girders, and is sheathed with  $3\frac{1}{8}$ " pitch pine. The long bridge deck plating is supported with girders below the deck, a deck house practically the full length of the bridge is fitted above, and the deck is sheathed with  $3\frac{1}{8}$ " pitch pine at the side of the deck house.

It is submitted the Rotterdam Office be requested to confer with the Builders and suggest that the bridge deck plating would be further reinforced against possible compressive stresses if a girder were fitted on each side of the vessel between frames Nos. 96 and 109, linking up the space between the casings <sup>under</sup> the deck. (The plans should be returned)