

s.s. "BARRWHIN"

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It is submitted the Owners be informed that according to instructions received from the M.S. Department of the Admiralty, it is required in this case that the following four watertight bulkheads should be extended to the weather deck:-

No. 125 (between Nos. 1 and 2 Holds)  
" 36 (between Nos. 4 and 5 Holds);  
and the bulkhead at each end of the machinery space.

\* The plating of the new bulkheads should be .28 in thickness and the stiffeners, which need not be lugged or bracketed at their ends, formed of 5 x 3 x .36 angles or equivalent flanged plates spaced not more than 30" apart.

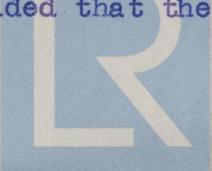
Noopenings should be cut in these bulkheads, but where these are necessary a simple hinged watertight door capable of being opened from either side may be fitted.

The bulkhead plating may be welded direct to second deck and welded or riveted to existing side frames, and shelter deck beams. Pipes, cables, girders, etc. are not to be cut in way of new bulkheads, plating to be cut for these and collars or other reasonably watertight arrangements made and fitted. Particular care must be exercised in packing round D.G. pipes or electric cables etc. so as to avoid welding heat damaging the cables. Spacing of the rivets to be watertight pitch. Bulkheads to be hose tested on completion.

  
22nd July, 1942.

\* As the 'tween deck height in this case is 9 ft. parallel, the question was referred to Mr. Butterwick by telephone as to whether it was necessary in this case to make the stiffeners 6 x 3 x .44 angles bracketed in accordance with the literal reading of Circular 603/42, or whether as a compromise these stiffeners could be 5 x 3 x .36 angles unattached spaced 30" instead of 36" apart. He decided that the compromise should be adopted.

Ltr. 16/7  
Ansd. 22  
p.c. Mr. Stocks.

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