

Lloyd's Register of British & Foreign Shipping,

Lloyd's Bank Chambers,

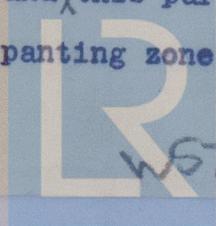
Middlesbrough, 27th. January, 1913.



Dear Dr. Thearle,

Doubtless you have had the report of survey in the case of the "MARENGO" before you, which I trust was satisfactory.

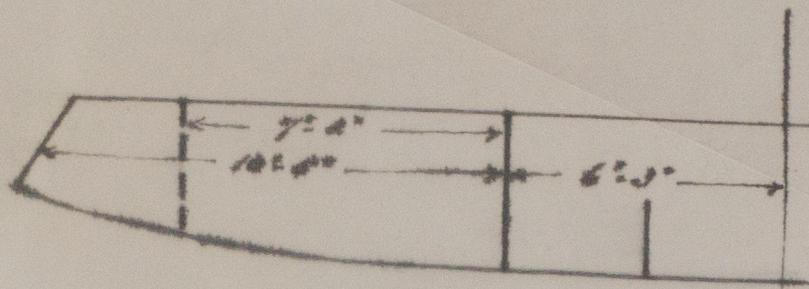
There were one or two points which we did not deal with, viz:- the pillars at centre in the lower and upper tween decks which were $2\frac{1}{2}$ and $2\frac{3}{8}$ as per approved plan. These pillars seemed to us to be very small for such a height of 'tween decks. You would also see from the report that although the frames in the peaks were the normal rule size, no additions had been made for the excessive height of 'tween decks. In regard to the intercostals in No.1 double bottom which extends to about the middle of No.2 hold, the outer intercostal stops at the bulkhead, (which comes exactly at the $\frac{3}{5}$ length) dividing Nos.1 and 2 holds. The span from the inner girder to the tank margin at $\frac{1}{2}$ depth was 10'-5" at $\frac{3}{5}$ length and 7'-0" at the 9th. space forward of the $\frac{3}{5}$ ths. length. We thought that some half depth intercostals should have been fitted at this part, but as no weakness could be found in the bottom and ^{as} this part of the structure was practically outside the panting zone we omitted it from the report.



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? fitting of
the intercostal
here

Excl. BHP

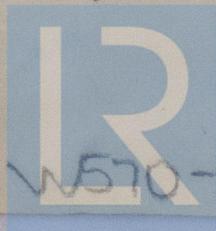
Another point not dealt with in the report was the thickness of keel plate at fore end. You will see from the approved plans that the keel plate has been reduced and the garboards increased subject to Owners' consent. Of course as Wilson's bought the boat when on the stocks they would not have much option but to take her as she stood, but it would appear that the keel plate (No. 2) immediately forward of the one now being dealt with, was renewed with I think a $\frac{3}{4}$ " plate at a previous dry docking on account of being set up, stated to be by pounding. With kind regards and submitting the foregoing for your information.

Yours faithfully,

Wm L. Gilman

S. Thearle Esq. D. Sc.,

London.



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