

W.M.
Lloyd's Register of British
and Foreign Shipping.
2. White Lion Court, Cornhill, E.C.

In consideration of the addition
of "Sister Helms", solid garboard strakes
outside planking from wales to bilges
 $\frac{1}{2}$ " thicker than rules and with the shelves
and waterways bolted through timber.
If Mr. Lang will fit two bolts with 1/4 inch
Copper bolts every strake of outside
planking from the gunwales to the bilge
for $3\frac{1}{4}$ " (not $2\frac{1}{3}$ ") as prepared / the length
of the ship say for 160 feet amidships
and fit a three rivet to every alternate
bold beam - the want of the iron strakes
on the frame may be considered as
compensated for. -

(Signed) /

J.H.R.

J.M.

D. H. C. Roth

19th November 1862.



SLD935-0296

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Sunderland,

17th November 1863.

Sir,

In my letter to you of the 3 Inst I overlooked the fact of your Rules requiring a strong bolt in every timber in the whole
 &c. of Ships, the length of which exceeds
 5 times the breadth. They, therefore, require
 in addition to what I then suggested,
 that extra bolts be put in, to such an
 extent, that there shall be, including
 the ordinary fastenings, a bolt or
 screw per foot in each streak from the
 Gunwale to the Bilge extending in
 mean not less than $2\frac{2}{3}$ to the length
 of the ship.

I am, Sir

Yours truly

James Loring

J. B. Loring, Esq.,
 Lloyd's Register Office
 London.

C. H. Loring



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