

Penance 5th Dec^r 1864
Geo B. Luffing Esq. London

Sir

Miss Bain

By this post I beg to forward you a Section of the above vessel shewing how she is fastened, and where the extra strength is placed beyond the requirements of Lloyd's Register of Shipping Rules.

The line in red Ink gives the required dimensions, as Plate of the various parts of the vessel, from the Keelsons to the gunwale by which you will find she has extra thickness in her Bilge Strakes inside and out, and thoroughly heavily fastened with bolts & treenails through and secured, one extra Clamp under the hold beams, and a Clamp and Shelf piece doweled and bolted securely in every way to deck beams. The plate also over the beams end, is well secured and of extra thickness and the bend or plate outside at the back of the timbers 12 in by 7/8 in thick fastened strongly through all, must increase the strength of the vessel aloft greatly, as the butts are all doubly rivetted and bolted securely through all.

The Keelson's & false Keelsons are very large and much more than required and heavily and securely bolted, through all, - and the whole of the frame is nearly equal to the requirements for 12 years. Also The Chain Cable are made of the best Iron and twisted here last



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well as the Anchors and Topsy Harrow
He guarantee to have them tested in
a Public Machine immediately
on her return to England, at the
end of the voyage. They are also all
larger and heavier than required by
the Rules -

Taking into consideration
her depth of hold being rather shallow
whereby strain is increased in the bottom
and aloft - The increased strength
stated was designed to meet this
requirement in every way -

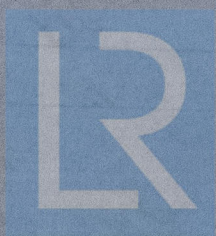
I do with confidence recommend
this vessel her class ten years believing she comes
is in every way deserving it -

The vessel great
laden with Pitcher and boards to Napier
but the owners will have a guarantee
from Messrs. Harrow & Co. for any loss that will
occur for want of her class

Trusting the Committee
will under the circumstances be able
to grant the request

I remain
Sir, your obedient servant

Wm. Mathewson
PNZ



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of the utmost importance and
the utmost