

Any further Communication on this
subject should be addressed to
THE SECRETARY
and the following Initial should be
quoted in the left hand corner.

E.

Lloyds Register of British and Foreign Shipping.

2. White Lion Court, Cornhill. E.C.

19th October, 1891.

1 Enc.

Copy

Dear Sirs,

With reference to your
letter of the 15th inst, submitting
for the Committee's approval the
tracing of the two boilers proposed
to be made by you for the
S.S. "Rio Liso". I am directed
to acquaint you in regard thereto
that these boilers will be
approved of for the intended
working pressure of 85 lbs per
square inch provided the following
modifications be made in the
plan, viz: shell to be $\frac{9}{16}$ th steel;
the longitudinal seams to be treble
riveted, & the rivet holes to be
 $\frac{15}{16}$ th pitch $3\frac{15}{16}$ th.

The stay to the dome to be
pitched $16\frac{1}{4} \times 16\frac{1}{4}$ at the top end;
the bottom ends be secured to
 $4\frac{1}{2} \times 4\frac{1}{2} \times \frac{1}{2}$ angles by 1" rivets. &
the angles be extended as marked on
the plan. The cast steel girders

he made $6\frac{1}{2}$ deep instead of $5\frac{1}{2}$.

The front tube plate he doubled at the centre by a plate 10 inches wide $3\frac{3}{8}$ thick, securely riveted to it with three vertical rows of ^{rivets}. The manhole strengthening ring to the front bottom plate he made wider as amended; the bottom back plate he supported by a gusset stay secured to the plate & to the shell by double angles, and the dome he riveted to the shell by a double riveted joint with $1\frac{1}{16}$ rivet holes $3\frac{3}{8}$ pitch, and the boilers he built under the usual conditions of survey & testing & in accordance with the plan as amended.

The plan is enclosed herewith, which kindly return for the use of the Society's Surveyors when noted.

I am, Dear Sirs
Yours faithfully,
(Signed) A. J. Dryhurst
Secretary.

Messrs John Stewart & Son (Ld).
Blackwall Iron Works.
E.



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Foundation

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