

Iron & Bellini Sunderland report No. 12521

CERTIFICATE FOR STEEL HAWSER.

We hereby Certify that the 90 fathoms of
3½ inch circumference galvanized Steel Wire Hawser,
supplied to Messrs Short Brothers
for their new steamer 'Bellini' No. 110 is composed
of 72 wires (Number 15 Birmingham Wire Gauge),
and that the several wires, after being galvanized, have been
subjected to, and have successfully withstood the following
tests, viz.:

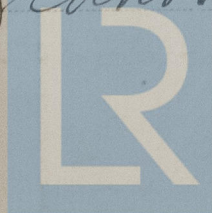
Each wire has withstood a tensile strain of 7½ Cwts

It has withstood being twisted 18 times in itself in a length
of eight inches.

It has been doubled and twisted eight times round itself as a
core and untwisted again without fracture.

We guarantee that the Steel Wire Hawser of
3½ inches in circumference above described will bear a strain
of 26 tons without breaking.

J. & R. Short
Manufacturer.



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IRONS46-0016

15/11/80

Does the results
agree with the conditions
in the Circular? J.M.

to Barker

yes
J.P.B.

15/11/80



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