

Particulars of **Drop Test** of
Cast Steel Anchors, viz. :—
Weight, Surveyor's Initials,
Number of Certificate, Date

1st Bower 27.0.16 A.L.J. 139. 29/5/17
2nd " 26.1.27 A.L.J. 150 22/5/17
3rd " 21.1.27 A.L.J. 150 6/6/17

Copy for Nag.

Kobe,

26th September, 1916.

Certificate for cast steel Stern Frame.

A. L. Jones

Messrs. The Sumitomo Steel Works, Osaka, examine & test at their Works on the 27th Feb. 21st April and 29th August 1916 a Cast Steel Stern Frame (Rudder post $8\frac{5}{8}" \times 6\frac{1}{2}"$; Propeller port $9\frac{5}{8}" \times 6\frac{1}{2}"$) & found it to be as far as could be ascertained a good casting.

After the casting had been dropped from a clear height of 12 ft. on to the ground it was hammered whilst suspended & gave no indication of defect.

Satisfactory bend & tensile tests were made with pieces cast with the stern frame. Tensile test from near top of frame showed a tenacity of 30 tons per sq. in. & elongation 28% & from near the bottom 29 tons per sq. in. & 25% elongation. Bend tests 120 degs: radius 1", section $1" \times \frac{3}{4}"$, no fracture.

This stern frame is intended for the single screw steamer Yard No. 57 under construction at the Matsuo Shipyard, Nagasaki.

The frame has been stamped:—

ANNEALED STEEL
L.R.

L.R.
29.8.16
A.L.J.

Fee Yen 40.00

Exp. .. 5.00

Yen 45.00

A. L. Jones
Surveyor to Lloyd's Register.

Length and Size supplied.		By
Length.	Cir.	St.
Fathoms.	Inch.	Tons.
120	4	1
90	7	1
90	6	1

ear, Hand
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re deck? 18
side 3-8
line 3-2

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Register of Ship

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Lloyd's Register
Foundation

W1096-0081

6 534

Face Angles to Web-Frames.....
PLATES to Stringers between
es, depth and thick

Chalk

Slown from
Matruu S B 40
Kag. No 57⁹/₅

Forging Rept
N^o 5-7
S.S. Loyo Mann N^o 2
Rept N^o 1143
Nagasaki

FRAMES on floor