

Lloyd's Register of Shipping.

(Report on Vessel No. Port))

No. SHIP ~~FORGINGS OR CASTINGS.~~

I have to report that the undermentioned ~~Iron or Steel Forgings or~~
 Castings, manufactured by Columbia Steel Company
 of Pittsburg, California for the Vessel No. 12, being built
 by Union Construction Co. of Oakland, Cal.
 have been inspected by me as set forth below and found to be, so far as can
 be seen. sound.

Lower section stern frameMark on ~~Forgings or~~ Castings.

Lloyd's

No. 712

AWL. 8-20

San Francisco, Cal.

	Lower STERN FRAME.	RUDDER FRAME.	STEM.
Material*	O. H. Steel		
How made	Cast		
Dimensions	as per plan		
Progress on Inspection	rough		
Date when Inspected	4-8-20		
CASTINGS.			
Tests on Standard Cast Pieces.			
Tensile Test—			
Tons per square inch	62000		
Extension per cent. ...	32		
Cold Bending Test—			
Angle before fracture	120		
Drop Test—			
Height from ground ...	9'		
Hammering Test—			
If made according to Rules and found satisfactory...	Yes		

SKETCHES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS.

Fee (if any chargeable) \$15.00 :

To be paid at S.F.

Billed Aug 9/20

* If of Iron, state whether scrap or puddled Iron. If of Steel, state whether made on the Open Hearth process.

Report on lower half
Cast Steel Stern frame

Union Cast Co' No 12.

S. S. Liebre

S. To rpt. No 3464.

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Lloyd's Register
Foundation