

Report on Cast Steel  
Stem (fore foot).

Union Cast Co's No 12.

S. S. Liebre

S. G. rpt. No 3464.

*Cast Steel*

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Foundation



# 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, Cal. 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.

Stem

Mark on Forgings or Castings.

Lloyd's  
No. 721  
AWL. 10-20

*M. Rawson*

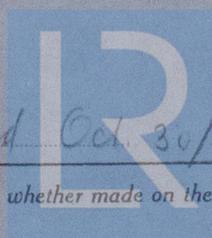
San Francisco.

	STERN FRAME.	RUDDER FRAME.	STEM.	
Material*	/	/	O. H. Steel	
How made			Cast	
Dimensions			as per plan	
Progress on Inspection			rough	
Date when Inspected			28-10-20	
CASTINGS.				
Tests on Standard Cast Pieces.				
Tensile Test---				70000
Tons per square inch				27
Extension per cent.				120
Cold Bending Test--				
Angle before fracture				
Drop Test---				
Height from ground		-		
Hammering Test---				
If made according to Rules and found satisfactory				

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

Exp. 3.15  
Fee (if any chargeable) \$10.00 :  
to be paid at San Francisco

*Milled Oct. 30/20.*



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