

Lloyd's Register of Shipping.

(Report on Vessel No. 28 Port Richmond Cal.No. F.379 SHIP FORGINGS ~~OR CASTINGS~~.

I have to report that the undermentioned ~~Iron or Steel Forgings or Castings~~ manufactured by Newport News S.B. & D. Co. of Newport News, Va. for the Vessel No. 28, being built by Todd California S.B. Corp. of Richmond, California, have been inspected by me as set forth below and found to be, so far as can be seen, a good sound forging.

Mark on Forgings ~~or Castings~~.

Lloyd's

No. F.37929.7.41. E.S.H.PhersonNewport News, Va. 3/7/41

	STERN FRAME.	RUDDER FRAME <u>Block</u> .	STEM.
Material*		<u>Electric Furnace Steel</u>	
How made		<u>Forged</u>	
If annealed		<u>Yes.</u>	
Dimensions		<u>9 1/2" x 9 1/2" diam.</u>	
Progress on Inspection		<u>Tested & machined.</u>	
Date when Inspected		<u>July 11.17.29, 1941.</u>	
CASTINGS.			
Tests on Standard Test Pieces.			
<u>Tensile Test—</u>			
<u>lbs per square inch</u>		<u>66400 lbs</u>	
Extension per cent. ...		<u>29%</u>	
<u>Cold Bending Test—</u>		<u>180°</u>	
Angle before fracture			
<u>Drop Test—</u>		<u>✓</u>	
Height from ground ...			
<u>Hammering Test—</u>		<u>✓</u>	
If made according to Rules and found satisfactory ...			

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

Newport News Electric Furnace Steel.
Deal No. 6479-3.

Fee (if any chargeable) £

To be paid at

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