

For the information of Surveyors and the Committee only.

Received at



120

Lloyd's Register of British and Foreign Shipping.

(Report on Vessel No.

Port

501.

SHIP ~~FORGINGS OR~~ CASTINGS.

We have to report that the undermentioned ~~Iron or Steel Forgings or~~ Castings, manufactured by *The American Steel Casting Co.*

*Thurflow Pa.*for the Vessel No. *HH*, being built*The Newport News S.B. & O. Co. of Newport News Va.*have been inspected by *us* as set forth below, and found to be, so far as can be seen,*good and sound castings of good material.**They have successfully passed the tests**prescribed for rudders by the rules of the Society*

D's

*475-6-7-8-9. 480-1 491*W.C.M.
9-02R.M.M.
11-02

Wm. L. McClain & A.M. McLaren
**EIGHT ARMS FOR
 SINGLE PLATE
 RUDDER**

*15. Jan '03**Philadelphia Pa.*

STERN FRAME.

RUDDER FRAME.
ARMS.

STEM.

*Open hearth steel**Cast and annealed.**As per approved plan.**Ready for machining**17 Sept. and 24 Nov. 1902.*

DES OF FRAMES SHOWING POSITION AND DESCRIPTION OF WELDS OF FORGINGS, OR PARTICULARS OF
 TESTS APPLIED TO CASTINGS.

*Nos. 475-6-7-8-9. 480-1**usile test ÷ 67,200 lbs. ultimate strength per sq. inch.**Elongation ÷ 19.2 % in 8 inches**Cold bend test ÷ bar bent through 135°**No. 491.**usile test ÷ 73,600 lbs. ultimate strength per sq. inch.**Elongation ÷ 20.2 % in 8 inches.**Cold bend test ÷ bar bent through 140° without fracture.**Castings all slung & hammered.**(if any chargeable) \$15.00.**to be paid at Philadelphia Pa. 13 Dec '02 & 29 Jan '03.*

* If of Iron, state whether scrap or puddled Iron.

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W1351-0160