

Steam Ship "Biddick."

15478 Iron

Diameter of Boiler 13' 6"

Thickness of shell plates 1" = 5265 lbs per foot-inch

Description of riveting with pitch

Size of rivets = 1 1/4" dia

Number of furnaces, 3

Diameter of furnace, 3 feet

Length of furnace, 7' 6". Bars 5' 0" long

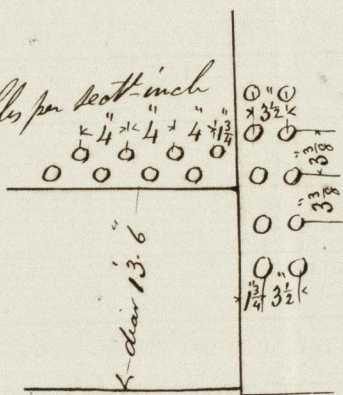
Thickness of furnace plates, 1/2"

Whether strengthened with rings, no rings.

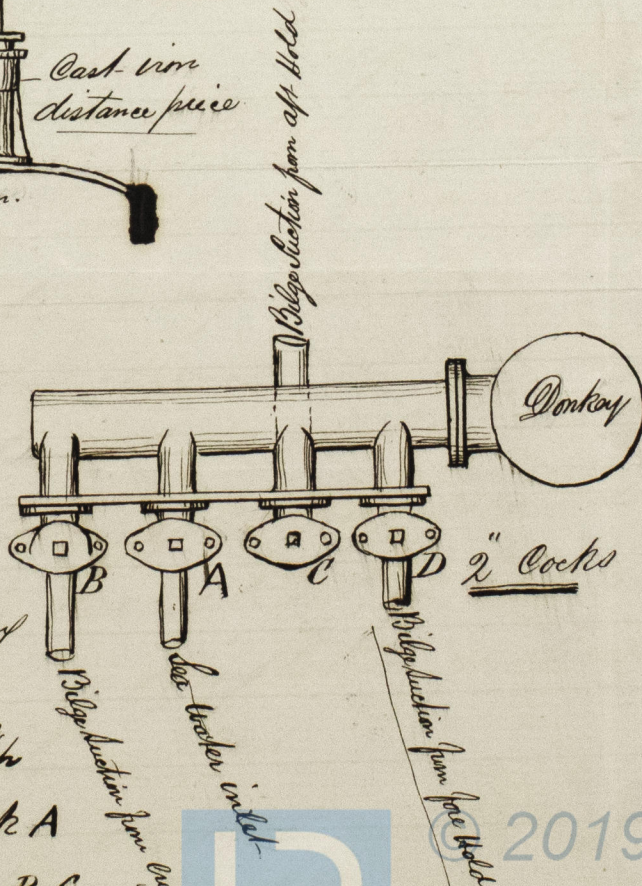
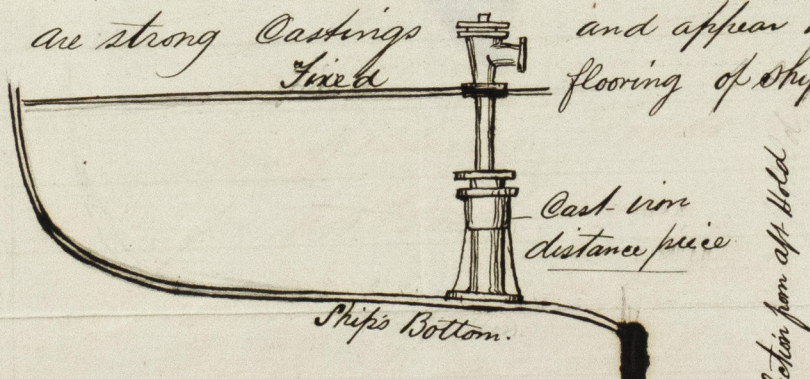
In what way flat surfaces are stayed. Screwed stays 1 3/8" dia,

pitch 8" x 7 1/2" & 2 1/2" stay 14" x 15" = 3856 lbs per sectional inch,

Sectional area of 1 3/8" = 1.48 = 2635 lbs per sectional inch,



There are Cast iron distance pieces between ships bottom and Donkey sea inlet Cock. Water Ballast Cock, & Common injection valve. They are strong Castings and appear in good condition - flooring of ship



These Cocks are all above the engine room flooring

Water could be let into ship by opening sea Cock and Cock A whilst any of the other Cocks B. C. or D. is open

2019
William Allison
Engineer Surveyor
May 6th 1875