

2 Steel boilers to be made by mess.^{rs} J. Richardson & Sons
for mess.^{rs} Irvine & Co. N^o 74 vessel.

Shell	$260 \times 1.187 \times 85.15$	= 160 lb.
Stays in steam space	$\frac{5.41 \times 9000}{18.25 \times 16.5}$	= 161 lb.
Screw stays	$\frac{1.484 \times 8000}{8.625 \times 8.5}$	= 161 lb.
End plates	$\frac{140 \times 20^2}{18.25^2}$	= 168 lb.
Combustion Chambers	$\frac{120 \times 10^2}{8.625^2}$	= 161 lb.
X Furnaces (Maison's patent)	$\frac{1000 \times (8.5 - 2)}{39.75}$	= 163 lb. X
X " (Purves patent)	$\frac{1160 \times (7.5 - 2)}{36.93}$	= 172 lb. X
		<u>4.4.91</u>