

SHIP "BAY OF CADIZ" Glasgow Report No. 4802

Fore Lower Mast Length above deck 65'-5" Housing 25'-0" Fore Topmast Length from lower mast cap to topmast cap 38'-10" Extreme length of mast 127'-1"

Plates $\frac{13}{32}$ " thick

$\frac{6}{16}$ "

Plates $\frac{9}{16}$ " thick

Plates $\frac{9}{16}$ " thick

Plates $\frac{4}{16}$ " thick

Main Lower Mast Length above deck 67'-8" Housing 25'-10" Main Topmast Length from lower mast cap to topmast cap 38'-10" Extreme length of mast 130'-4"

Plates $\frac{13}{32}$ " thick

$\frac{9}{16}$ " thick

Plates $\frac{9}{16}$ " thick

Plates $\frac{9}{16}$ " thick

Plates $\frac{4}{16}$ " thick

Mizen Lower Mast Length above deck 58'-0" Housing 24'-5" Mizzen Topmast Length from lower mast cap to topmast cap 32'-9" Extreme length of mast 115'-0"

Plates $\frac{9}{16}$ " thick

Plates $\frac{9}{16}$ " thick

Plates $\frac{9}{16}$ " thick

Plates $\frac{9}{16}$ " thick

Bonapri Length from heel to cap 45'-0"

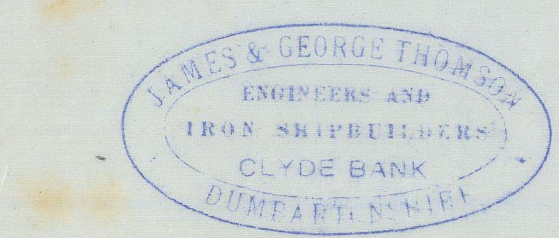
Plates $\frac{13}{32}$ " thick

Plates $\frac{9}{16}$ " thick

Fore, Main, and Mizzen Masts to be of the best selected quality of rolled steel, each lower mast and its topmast being in one continuous length, and formed of four plates in the circumference from the heel to about height of the keel for the lower topmast yard, where the four plates are to merge into two plates in the circumference of the topmast and continued as such to the topmast cap. Masts to be doublet both outside and inside from 2'6" below the lower deck to about height above the main deck, or for a distance of about 16 feet in all. They are also to be doublet, both inside and outside, in way of cap, hounds, trussers, and other steps as required. Their seams are to be double rivetted throughout, their butts are to be fitted with straps $\frac{1}{2}$ " thicker than the plates they connect and double chain rivetted. Angle struts to be fitted continuously for the whole length of lower masts, and topmasts. Four angle struts in lower masts, and two in topmasts. $4 \times 3 \times \frac{5}{16}$ in Fore and Main masts. $4 \times 3 \times \frac{3}{16}$ in Mizzen.

Bonapri to be of the best selected quality of rolled steel and formed of four plates in the circumference, doublet both inside and outside for about 9 feet in way of wedging, also in way of cap and gunnery steps. Seams to be double rivetted, butt straps $\frac{1}{2}$ " thicker than the plates they connect, and double chain rivetted. A diaphragm plate $\frac{9}{16}$ " thick to be fitted in way of wedging for a length of 10 feet, and secured to bonapri with $\frac{3}{4}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ " angle steel, in addition, to have two continuous angle struts $\frac{1}{2}$ " x $\frac{3}{4}$ " x $\frac{3}{4}$ " for the whole length.

Rev 19/8/78
Tracing Showing Dimensions of Masts and Bonapri
For Sailing Ship
No 167
Scale $\frac{1}{2}$ = one foot



nd.
2/8/78