

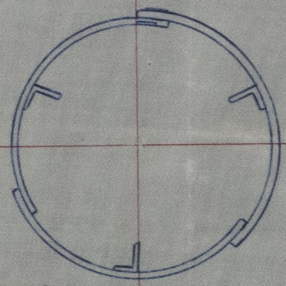


Sketch showing Arrangement
of Mast Yards for
No 18 ship Britannia. Report 11.2.25.

April 16th 1875
Lund Island

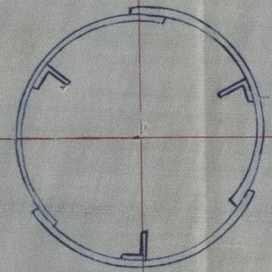


Fore Mast



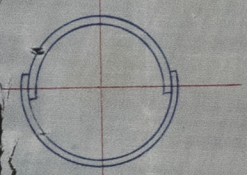
Length overall 82' 0"
Housing 23' 0"
" Above deck 59' 0"
Diam at Partners 32", Heads 25 ins Head 21 ins
Pivots and Rivets. All rivets 3/4" dia
Single rivetted. Butts two 3/4" strakes
Tieble do above Partners remainder
Double do " Three bars angle iron
3/4" x 3" fitted whole length of mast
Mast double for 9' 0" in wedging
Thickness of plates
Thickness at Partners 1/6"
for one plate above below 1/6"
Heel, Heads, and

Downspout



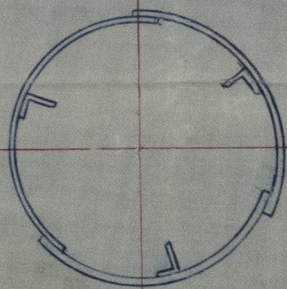
Length Outside Bed 24' 0"
Clear at bed 31"
Rivets Rivets Rivets 3/4" dia
Butts rivetted outside of Bed
Rem double " Seams Single
Three bars of angle iron 3/4" x 3" fitted
whole length of bed
Plate in way of bed
Thickness of plates of Bed 1/6"
" " Heel 1/6"
" " Cap 1/6"

Fore & Main Lower
Topsail Yard



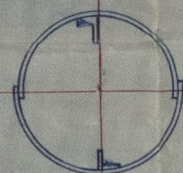
Length overall 65' 6"
Diam 16 1/4 ins
Thickness of plates 1/6" 1/4" 3/8" Rivets 3/4" dia
Seams Single Butts overlapped & treble
rivetted. Doubling plates fitted at
centre for

Main Mast



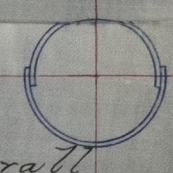
Length overall 83' 6"
" Housing 21' 0"
" Above deck 62' 6"
Diam @ Partners 33" Heads 26 ins Head 21 ins
Rivets and Rivetting same as Fore Mast
Angle Iron + doubling " "
Thickness of plates the same
as Fore Mast

Fore & Main
Lower Yards



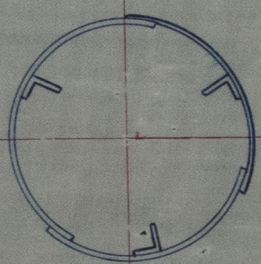
Length overall 48' 0"
Clear at Centre 19 1/2 ins
Thickness of plates 1/6" 1/4" 3/8"
Rivets Rivets Rivets 3/4" dia
Butts overlapped & treble rivetted @ Centre on each strake
Remainder double
Two bars of angle iron 2 1/2" x 2 1/2" fitted
for whole length
Doubling plates fitted at Centre for 4' 0"

Fore & Main Upper
Topsail Yards



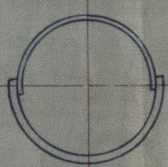
Length overall 63' 6"
Diam 15 1/4 ins
Thickness of plates 1/4" 3/8" Rivets 3/4" dia
Seams Single rivetted Butts overlapped
& treble rivetted - Doubling plates fitted
at centre for 5' 0"

Mizen Mast



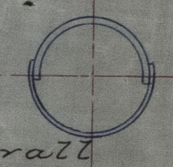
Length overall 78' 9"
" Housing 129' 6"
" Above deck 49' 3"
Diam @ Partners 30 1/2 ins Head 22 ins, Heads 23 ins, Head 19 1/2 ins
Thickness of plates
Thickness at Partners 1/6"
@ Heel, Cap
Rivets Rivets Rivets same as Fore &
Angle iron + doubling " "

Cross Jack Yard



Length overall 65' 0"
Clear @ Centre 16 1/4 ins
Thickness of plates 1/6" 1/4" 3/8" Rivets 3/4" dia
Seams Single
Butts overlapped & treble rivetted
Doubling plates fitted at Centre for 6' 0"

Mizen Lower
Topsail Yard



Length overall 54' 0"
Diam 13 1/2 ins
Thickness of plates 1/6" 1/4" 3/8" Rivets 3/4" dia
Same as Fore & Main Upper Topsail
Yard