

Description of Masts & Yards of Ship Leander

Bowsprit

of Iron Length over all 32.6 Dia^r at Knight head 27 inches at cap 20 inches & at heel 23 In. of 4 Plates structure & inside strake doubled in wake of Bed $\frac{3}{16}$ thick.

Fore Mast

of Iron Length over all 81.9 Dia^r at deck 29 inches at heel 22 inches & at cap 18 inches of 4 Plates structure $\frac{3}{16}$ thick & $\frac{1}{16}$ thick for 8 feet at heel.

Main Mast

of Iron Length over all 87.10 Dia^r at deck 30 inches at heel 32 inches & at cap 19 inches of 4 Plates structure $\frac{3}{16}$ thick & $\frac{1}{16}$ thick for 8 feet at heel.

Mizen Mast

of Iron Length over all 75.0 Dia^r at deck 24 inches at heel 17 & at cap 15 $\frac{1}{2}$ of 3 Plates structure $\frac{3}{16}$ thick for two thirds & $\frac{1}{16}$ for one sixth at each end.

Fore Yard

of steel Length over all 47.0 Dia^r at sling 19 inches of 2 Plates structure & $\frac{3}{16}$ thick for one third the length in the centre & tapering to $\frac{3}{16}$ at the ends with doubling plates at slings.

Main Yard

of steel Length over all 81.0 Dia^r at sling 20 inches of two plates structure & $\frac{3}{16}$ thick for one third the length in the centre & tapering to $\frac{3}{16}$ at the ends with doubling plates at slings.

Mizen Cross jack yard. of steel Length over all 65.0 Dia^r at

sling 16 inches of 2 plates structure $\frac{5}{16}$ thick
for one third the length in the centre & tapering
to $\frac{3}{16}$ at the ends with doubling plates at
slings.

Fore Lower topsail Yard. of steel Length over all 65.0 Dia^r at
sling 16 of 2 plates structure $\frac{5}{16}$ thick
for one third the length in the centre &
tapering to $\frac{3}{16}$ at the ends with doubling
plate at sling.

Main Lower topsail yard. of steel Length over all 68.6 Dia^r at
sling 16 $\frac{1}{2}$ of 2 plates structure $\frac{5}{16}$ thick for
one third the length in the centre & tapering
to $\frac{3}{16}$ at the ends with doubling plate at
sling.

Fore upper topsail yard. of steel Length over all 66.0 Dia^r at
sling 15 inches of 2 plates structure $\frac{5}{16}$ thick
for one third the length in the centre & tapering
to $\frac{3}{16}$ at the ends with doubling plate at sling.

Main upper topsail yard of steel Length over all 63.0 Dia^r at
sling 16 $\frac{1}{2}$ inches of 2 plates structure $\frac{5}{16}$ thick
for one third the length in the centre & tapering
to $\frac{3}{16}$ at the ends with doubling plates at sling.

The lands of the Masts and Bowspritt are
Double Clincher rivetted
Butts quadruple rivetted

The lands of the Yards are single and Butts
triple Clincher rivetted



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Foundation

The remainder of the Spars are of wood.

S. B. Darling