

# Description of <sup>Iron</sup> Masts & Spars, S. S. No 132

RECEIVED 12th MAY 82.

Fore Mast - Topmast & Topgall Mast, all in one, extreme length to Topgall Mast head 131' 6", to lower mast head 98' 0". Diameters, heel 24", part 30", lower Mast head 21" Topmast head 16" Topgall Mast head 8". Built in 3 plates,  $\frac{7}{16}$  heel,  $\frac{3}{16}$  part,  $\frac{1}{16}$  lower Mast head,  $\frac{5}{16}$  Topmast head,  $\frac{4}{16}$  Topgall Mast head. Butt straps  $\frac{1}{16}$  thicker than plates & treble rivetted, Landings double rivetted to lower Mast head, single above that. Three angles  $3\frac{1}{2} \times 3 \times \frac{7}{16}$  running for 102' 0". *Doubled at wedging*

Main Mast - Topmast & Topgall Mast all in one, extreme length to Topgall Mast head 136' 0" to lower Mast head 102' 0". Diameters, heel 25", part 31", lower mast head 21 $\frac{1}{4}$ ", topmast head 16 $\frac{1}{4}$ ", topgall mast head 8". Built in 3 plates,  $\frac{7}{16}$  heel,  $\frac{3}{16}$  part,  $\frac{1}{16}$  lower Mast head  $\frac{5}{16}$  Topmast head  $\frac{4}{16}$  Topgall Mast head. Butt straps treble rivetted and  $\frac{1}{16}$  thicker than plates Landings double rivetted up to lower Mast head single above that. Three angles  $4 \times 3 \times \frac{7}{16}$  running for 104' 0". *Doubled at wedging*

Mizen Mast - Topmast & Topgall Mast all in one, extreme length to Topgall mast head 126' 0" to lower Mast head 89' 0". Diameters, heel 22", Part 24 $\frac{1}{2}$ ", lower Mast head 20", Topmast head 16" Topgall Mast head 8". Built in 3 plates,  $\frac{6}{16}$  heel,  $\frac{7}{16}$  part,  $\frac{1}{16}$  lower Mast head,  $\frac{5}{16}$  Topmast head,  $\frac{4}{16}$  Topgall Mast head. Butt straps  $\frac{1}{16}$  thicker than plates and treble rivetted Landings double rivetted up to lower Mast head single above that. *Doubled at wedging*

Jigger Mast - Topmast & Topgall Mast all in one, extreme length to topgall mast head 108' 6" to lower Mast head 78' 0". Diameters, heel 19", Part 24 $\frac{1}{2}$ ", lower mast head 18" Topmast head 13", Topgall mast head 8". Built in 3 plates,  $\frac{7}{16}$  heel,  $\frac{6}{16}$  part,  $\frac{5}{16}$  lower mast head  $\frac{4}{16}$  Topmast head  $\frac{3}{16}$  Topgall mast head. Butt straps  $\frac{1}{16}$  thicker than plates, and treble rivetted, Landings double rivetted up to lower Mast head, single above that. *Doubled at wedging*

Fore & Main Yards, extreme length 76' 0". Diameters at slings 17" at ends <sup>9 $\frac{1}{2}$ "</sup> Built in two plates  $\frac{7}{16}$  at slings  $\frac{5}{16}$  at ends *to extend beyond truss hoops* doubling at slings for 5' 0" Landings single rivetted, Butts overlapped & treble rivetted.

Fore & Main Lower Topsail Yards, extreme length 62' 0" Diameters at slings <sup>15"</sup> at ends <sup>9 $\frac{1}{2}$ "</sup> doubling at slings for 2' 0". Built in 2 plates,  $\frac{7}{16}$  at slings  $\frac{2}{16}$  at ends. Landings single Butts overlapped and treble rivetted.

S.S. "City of Chicago" Glasgow Report No 6236 Charles Connell & Co

Scotstown Shipbuilding Yard

Whitburn Glasgow 9/5/82