

# "Kingdom of Sweden" Report No 11,083

Particulars of Masts & Yards of Iron Sailing Barque  
No 71 Building by Mess<sup>rs</sup> Mounsey & Foster.

	ft.	in.	dia <sup>at</sup> at deck	Thickness of plates
Fore Mast extreme length	68	0	26	7/16 & 5/16
Main	71	0	26	7/16 & 5/16
Mizen	68	6	24	6/16 & 5/16
Bowsprit	34	6	28	7/16 & 6/16

The Masts & Bowsprit plates Manufactured by the Stockton Malleable Iron Co.

The Yard plates Manufactured by — do — do

The Mast seams are double rivetted with  $4\frac{1}{4}$  inch laps, all the butts are treble rivetted with butt straps 7/16 thicker than plates & outside, and are strengthened at wedging deck with a doubling plate 6 ft. long, length of plates 10 ft.

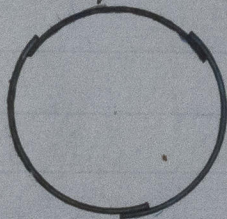
The Bowsprit seams are double rivetted with  $4\frac{3}{4}$  inch laps, all the butts are treble rivetted with the straps 7/16 thicker than plates & inside, and it has a doubling plate at Knightheads 6 ft. long.

The Masts and ~~Bowsprit~~ are constructed without angle bars and have three plates in the round as per sketch below.

	ft.	in.	dia <sup>at</sup> at slings	dia <sup>at</sup> at ends	Thickness of plates
Fore & Main Yards extreme length	68	0	17	8 $\frac{1}{2}$	5/16 - 4/16 & 3/16
Lower topsail yards	59	0	14	7	4/16 & 3/16

The seams of the Yards are single rivetted, the ends of the plates are overlapped and treble rivetted, and are constructed without angle bars, and have two plates in the round as shewn in sketch below, with a doubling plate in way of slings long enough to go 1 foot each way beyond the slings.

Section of Masts & Bowsprit.



Section of Yards.



Bowsprit requires three  
angles equal 7 $\frac{1}{2}$   
the two flanges & 7/16 thick

These angles are  
now fitted

Plates from Stockton  
Malleable Iron Co.

SLD938-0488