

7<sup>th</sup> May 1895

B<sup>7</sup> "Alastor" Report No 11,244

Particulars of Iron Masts & Yards of Iron Sailing Barques Nos  
45, 46 & 47 building by Mounsey & Foster.

Yard No. 46.

	ft in	dia at deck	thickness of plates
Fore Mast, extreme length	68.0	26 ins	5/16 & 5/16
Main " do	71.0	26 "	5/16 & 5/16
Bowsprit do	33.6	at bed 28	5/16 & 5/16
do outside bed	22.0		

The mast seams are double riveted with 4 inch laps; All the butts are treble riveted with butt straps 1/16 thicker than plates they connect. The masts are also strengthened at wedging deck, with a doubling plate 6 feet long; length of plates about 10 ft. - they are constructed without angle bars, and have three plates in the round, as per sketch below.

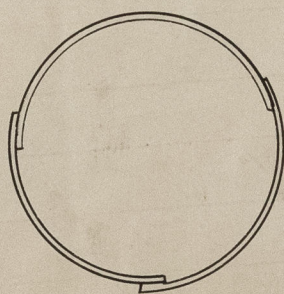
The bowsprit seams are double riveted with 4 3/4 inch laps, all the butts are treble riveted with butt straps outside, and 1/16 thicker than plates they connect.

The bowsprit has also a doubling plate at Bed 6 ft. long, and is constructed with three angle bars, and three plates in the round, as per sketch below.

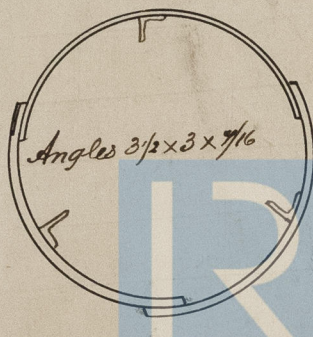
	ft in	dia at slings	dia at ends	thickness of plates
Fore and Main Yards extreme length	68.0	17 ins	8 1/2	5/16, 4/16 & 3/16
do Lower topsail do	59.0	14 "	7	4/16, 3/16 & 2/16

The seams of the yards are single riveted, the butts of the plates are overlapped and treble riveted, they are constructed without angle bars, and have two plates in the round as per sketch below. with doubling plate in way of slings 4 feet long.

Section of Masts



Section of Bowsprit



Section of Yards

