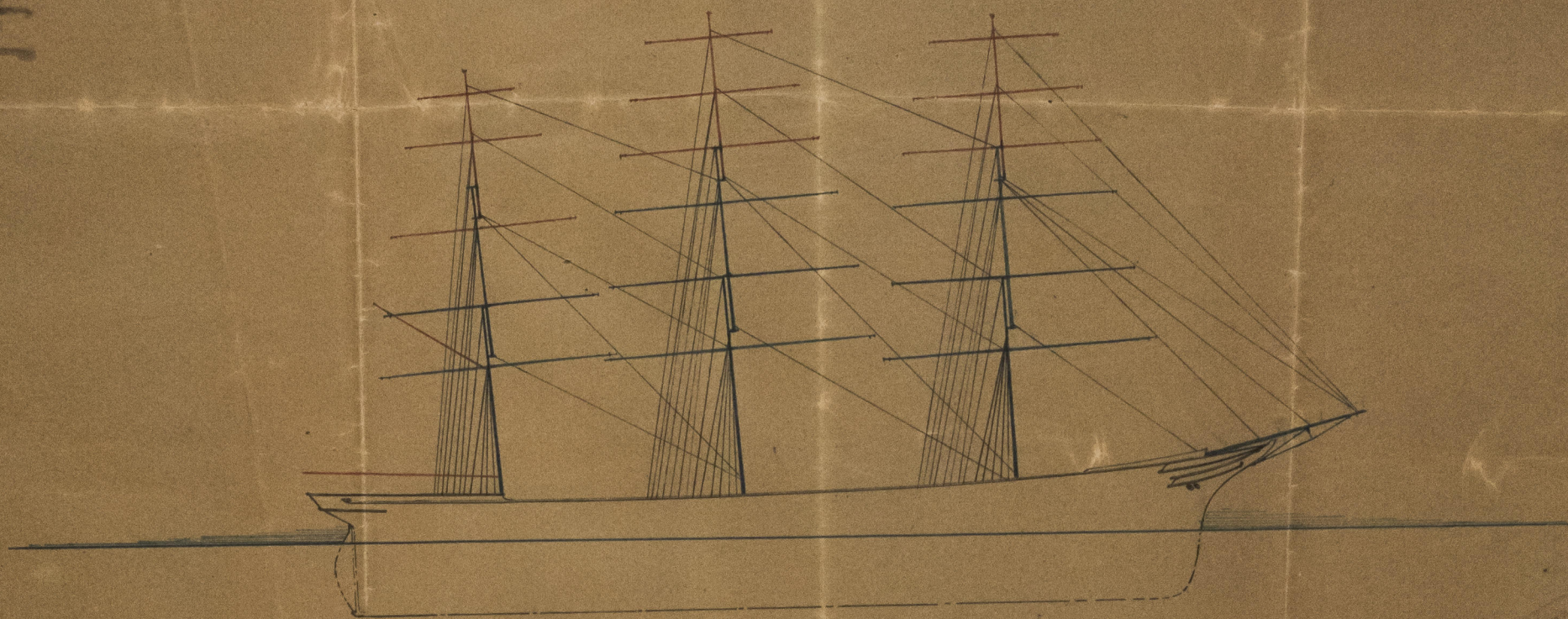


Ship "Bellic Chief" Glasgow Report No 4211-

8.6.85.

8.8.85



Sailing Ship No 267.

Scantlings of Spars in Iron & Steel

Main Mast				Fore Mast				Mizzen Mast.			
heel to partners		21-0		heel to partners		23-0		heel to partners		21-6	
Partners to hounds		51-0		Partners to hounds		46-0		Partners to hounds		43-6	
Hounds to head		15-0		Hounds to head		15-0		Hounds to head		14-0	
Length extreme.		87-0		Length extreme		84-0		Length extreme		79-0	
Star at heel	22 1/2	Plating	3/4 1/2	Star at heel	22	Plating	3/4 1/2	Star at heel	20	Plating	3/4 1/2
Partners	51		3/4 1/2	Partners	50		3/4 1/2	Partners	28		3/4 1/2
Hounds	24		3/4 1/2	Hounds	23		3/4 1/2	Hounds	22		3/4 1/2
Head	20		3/4 1/2	Head	17 1/2		3/4 1/2	Head	18		3/4 1/2

— Main Top Mast —			— Fore Top Mast —			— Mizzen Top Mast —		
Length extreme — 53-6			Length extreme — 53-6			Length extreme — 43-0		
Star at heel — 20	Plating $\frac{3}{4}$	$\frac{1}{2}$	Star at heel — 20	Plating $\frac{3}{4}$	$\frac{1}{2}$	Star at heel — 18	Plating $\frac{3}{4}$	$\frac{1}{2}$
" lower part of head — 17	" $\frac{3}{4}$	$\frac{1}{2}$	" lower part of head — 17	" $\frac{3}{4}$	$\frac{1}{2}$	" lower part of head — 15	" $\frac{3}{4}$	$\frac{1}{2}$
" at head — 14½	" $\frac{3}{4}$	$\frac{1}{2}$	" at head — 14½	" $\frac{3}{4}$	$\frac{1}{2}$	" at head — 12	" $\frac{3}{4}$	$\frac{3}{4}$

Butts treble riveted
1/6 thick
Double plates in way
of lower mast cap
strengthened in the
way of feet & lashed
way of these holes

Fore & Main Lower Yards —				Fore & Main Lower ^{tail} top main yards —				Fore & Main Upper ^{tail} top main yards —			
Length extreme — 87-0				Length extreme — 70-0				Length extreme — 70-0			
Star at centre — 21		Plating $\frac{3}{4}$ $\frac{1}{2}$		Star at centre — 18		Plating $\frac{3}{4}$ $\frac{1}{2}$		Star at centre — 17		Plating $\frac{3}{4}$ $\frac{1}{2}$	
" " 2 nd Quarter — 19		" $\frac{3}{4}$ $\frac{1}{2}$		" 2 nd Quarter — 16 $\frac{1}{4}$		" $\frac{3}{4}$ $\frac{1}{2}$		" " 2 nd Quarter — 15 $\frac{1}{4}$		" $\frac{3}{4}$ $\frac{1}{2}$	
" " Ends — 10 $\frac{1}{2}$		" $\frac{1}{4}$ $\frac{1}{2}$		" " Ends — 9		" $\frac{3}{4}$ $\frac{1}{2}$		" " Ends — 8 $\frac{1}{2}$		" $\frac{3}{4}$ $\frac{1}{2}$	

Mizzen Lower Yard. —				Mizzen Lower topmast yard. —				Bowsprit & Jibboom in 1 piece.			
Length extreme — 65-0				Length extreme — 58-0				Length outside of bed to cap battens			
Star at centre — 17		Plating $\frac{5}{8}$ $\frac{1}{2}$		Star at centre — 14		Plating $\frac{1}{2}$ $\frac{1}{2}$		as in an ordinary bowsprit, 21			
" " 2 ^d Quarter — 15 $\frac{1}{4}$		" $\frac{3}{8}$ $\frac{1}{2}$		2 ^d Quarter — 12 $\frac{1}{2}$		" $\frac{1}{2}$ $\frac{1}{2}$		Star at Bed — 27 Plating $\frac{1}{2}$ $\frac{1}{2}$			
" " Ends — 8 $\frac{1}{2}$		" $\frac{3}{8}$ $\frac{1}{2}$		Ends — 7		" $\frac{3}{8}$ $\frac{1}{2}$		" " heel — 22 " $\frac{1}{2}$ $\frac{1}{2}$			
								" " Cap — 17 $\frac{1}{2}$ " $\frac{1}{2}$ $\frac{1}{2}$			

The Butts are lapped as approved on Deco letter 8th Aug. 1885

Fore, Main, & Mizzen masts, & Powsprit, formed of 3 plates in the round, landing, double riveted, 4 1/2" broad, 3/8" rivets, spaced 5" diam apart. Butts treble riveted in masts & Powsprit, to be treble riveted above partner & double riveted below partner, and to be 1/6" thicker than the plates they connect. 3 continuous angles, in Fore & Main masts 3/4" x 3/4" x 3/4" 13/32". Powsprit angles 5/8" x 5/8" x 5/8" 11/32". All yards formed of 2 plates in the round, landing, single riveted, 2 1/4" broad, 3/8" rivets, spaced 5" diam apart.

Standing rigging as in rules, for sailing ships, 1600 to 1800 tons under deck.



Lloyd's Register Foundation