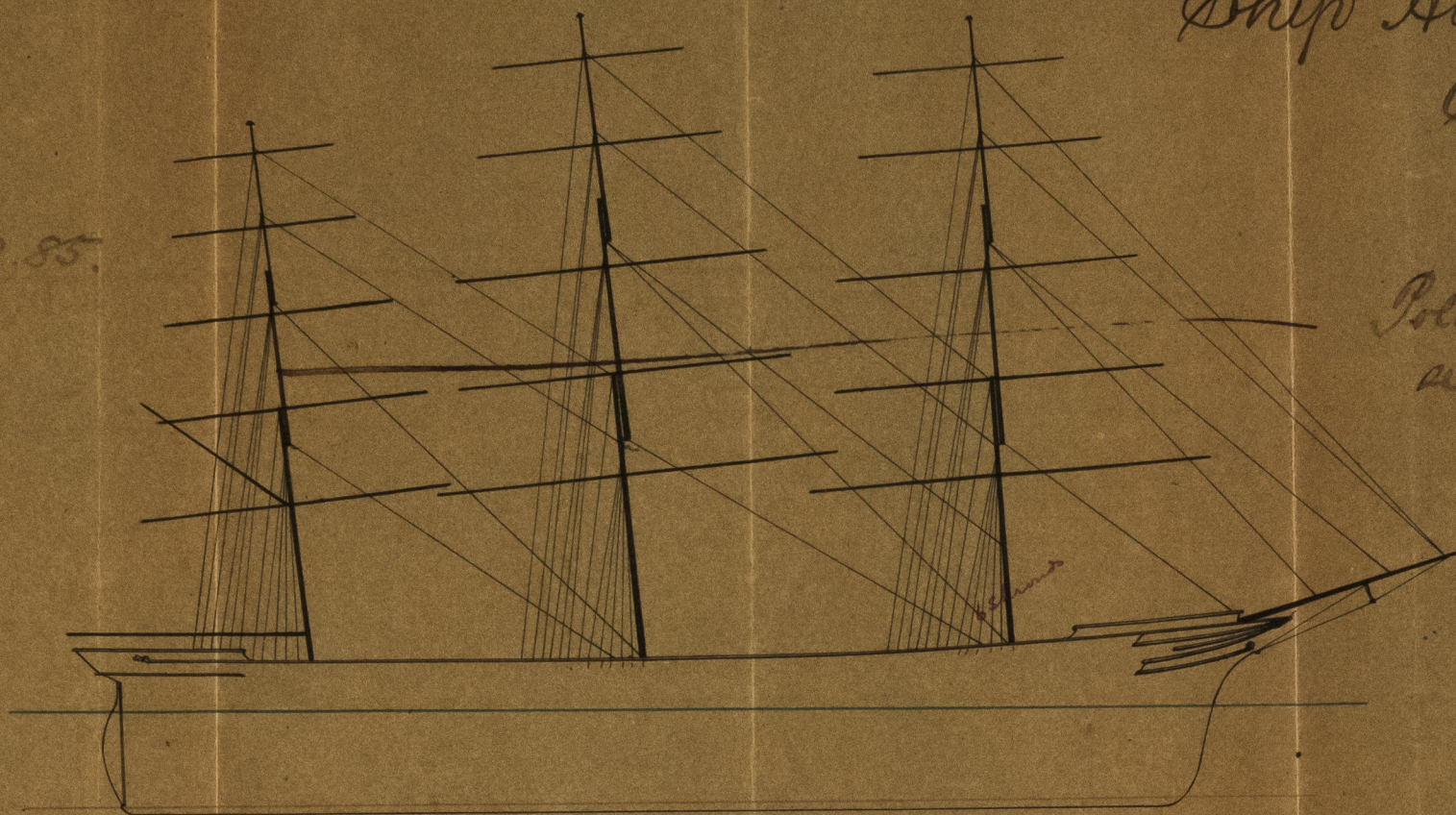


Ship "Aberfoyle"
Glasgow Report
No. 4074

Polacca Masts
see sketch here with

18.3.85.



— Scantlings of Spars & Rigging —

— Ship No. 264. —

— Fore Lower Mast —

Heel to Partners ----- 22.9
Partners to Hounds ----- 45.0
Hounds to Head ----- 14.6

Length extreme 82.3

Diameter at Heel 21 Plating $\frac{1}{16}$ $\frac{1}{32}$
" Partners 29 $\frac{1}{16}$ $\frac{1}{32}$
" Hounds 22 $\frac{1}{16}$ $\frac{1}{32}$
" Head 19 $\frac{1}{16}$ $\frac{1}{32}$

— Main Lower Mast —

Heel to Partners ----- 21.3
Partners to Hounds ----- 48.0
Hounds to Head ----- 14.6

Length extreme 83.9

Diameter at Heel 21 Plating $\frac{1}{16}$ $\frac{1}{32}$
" Partners 29 $\frac{1}{16}$ $\frac{1}{32}$
" Hounds 22 $\frac{1}{16}$ $\frac{1}{32}$
" Head 19 $\frac{1}{16}$ $\frac{1}{32}$

— Mizzen Lower Mast —

Heel to Partners ----- 21.3
Partners to Hounds ----- 44.0
Hounds to Head ----- 12.6

Length extreme 77.9

Diameter at Heel 19 $\frac{1}{16}$ $\frac{1}{32}$ Plating $\frac{1}{16}$ $\frac{1}{32}$
" Partners 24 $\frac{1}{16}$ $\frac{1}{32}$
" Hounds 21 $\frac{1}{16}$ $\frac{1}{32}$
" Head 17 $\frac{1}{16}$ $\frac{1}{32}$

— Fore & Main Lower Yards —

Length extreme 85.0

Diameter @ Centre 21 Plating $\frac{1}{16}$ $\frac{1}{32}$
" 2nd Quarter 19 $\frac{1}{16}$ $\frac{1}{32}$
" Ends 10 $\frac{1}{16}$ $\frac{1}{32}$

— Fore & Main Lower Topsail Yards —

Length extreme 75.0

Diameter at Centre 18 Plating $\frac{1}{16}$ $\frac{1}{32}$
" 2nd Quarter 16 $\frac{1}{16}$ $\frac{1}{32}$
" Ends 9 $\frac{1}{16}$ $\frac{1}{32}$

— Mizzen Lower Yard —

Length extreme 67.0

Diameter at Centre 16 Plating $\frac{1}{16}$ $\frac{1}{32}$
" 2nd Quarter 14 $\frac{1}{16}$ $\frac{1}{32}$
" Ends 8 $\frac{1}{16}$ $\frac{1}{32}$

— Mizzen Lower Topsail Yard —

Length extreme 54.0

Diameter @ Centre 14 Plating $\frac{1}{16}$ $\frac{1}{32}$
" 2nd Quarter 12 $\frac{1}{16}$ $\frac{1}{32}$
" Ends 7 $\frac{1}{16}$ $\frac{1}{32}$

— Bowsprit & Gibboom in one piece —

Length outside Bed to Cap (using ordinary bowsprit) 24.6
Length outside Knighthead same as Ship "MacDiarmid"
Diameter at Bed 35 Plating $\frac{1}{16}$ $\frac{1}{32}$
" Heel 28 $\frac{1}{16}$ $\frac{1}{32}$
" Cap 22 $\frac{1}{16}$ $\frac{1}{32}$

— all lower masts & bowsprit formed of three plates in the round. Seams double riveted with $\frac{1}{4}$ rivets. Landings $4\frac{1}{2}$ broad. Butts below mast partners and inside wedging of bowsprit to be double riveted remainder treble riveted. Straps $\frac{1}{16}$ thicker. Doubling plates at partners. Bowsprit to have a vertical diaphragm plate at knighthead & connected by continuous single angle irons to the upper & lower parts of bowsprit also two additional angle irons $4\frac{1}{2} \times 3\frac{1}{2} \times \frac{1}{16}$ all iron yards to be formed of two plates in the round. Seams single riveted with $\frac{1}{8}$ rivets. Landings $2\frac{1}{2} \times 2\frac{1}{2}$ broad. Butts treble riveted & over-lapped. Doubling plates at centre. all rivets to be spaced not more than 5 diameters from centre to centre. —

— Rigging in accordance with the rules for Ships from 1400 to 1600 Tons. —

— Note: Steel Scantlings in Red —

J.H.
17/3/85



© 2021

Lloyd's Register
Foundation

G15203-0054