

Ship Solanthe "Glasgow Report No. 6201-
Ship Macdiarmid" do " 6344-

Duplicate of Ships

No. 213.

218

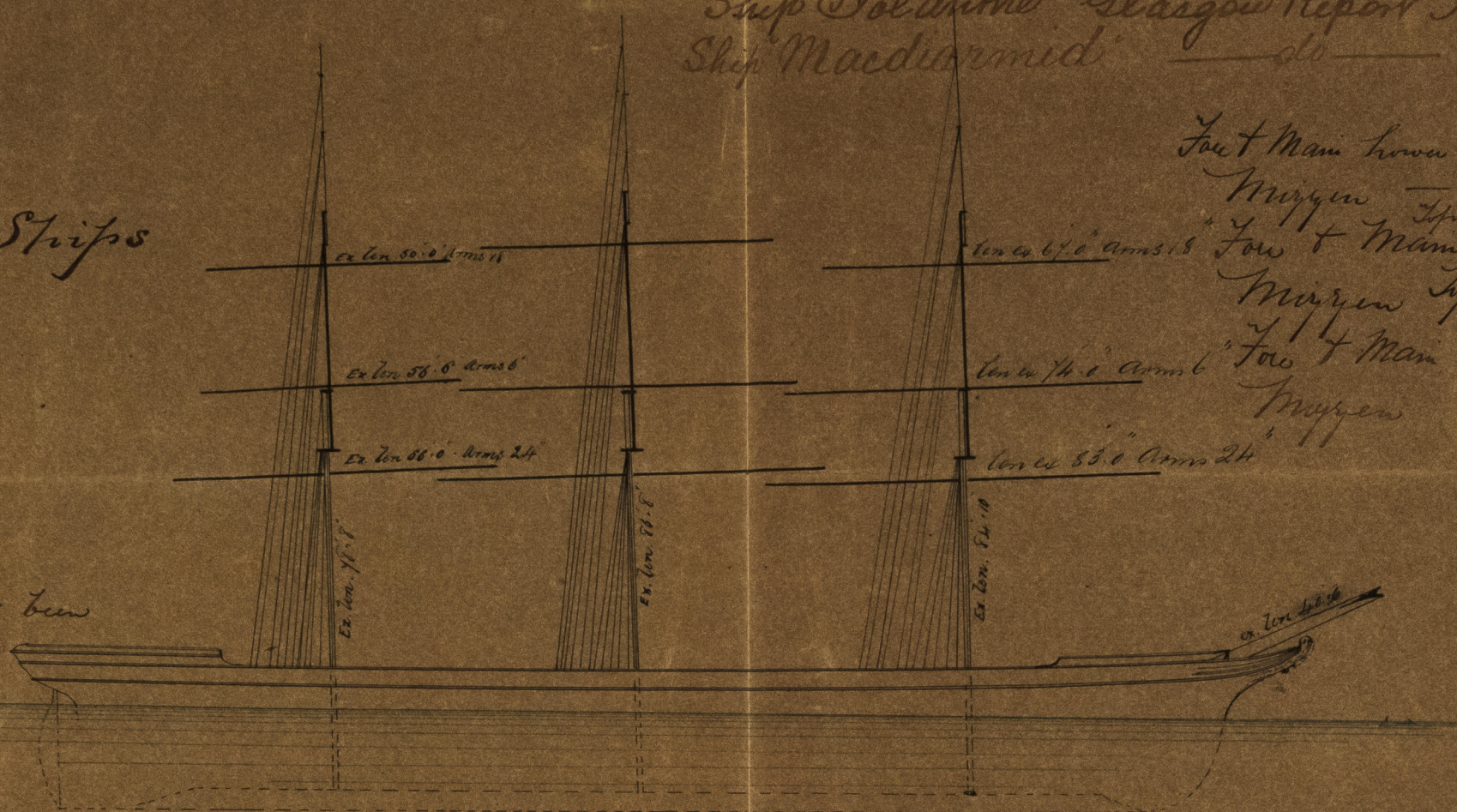
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Bowsprit in No. 250. has been lengthened. the scantlings being as per rules.



Fore + Main lower Rigging + Stays 5' 3/4"
Mizzen — do — do — 3 3/4"
Fore + Main Topmast + Stays 4 3/4"
Mizzen Topmast — do — do — 3 1/2"
Fore + Main Topgallant brail stays + Stays 3' 2 3/4"

Iron Masts and Spars of Ships No. 250 & 51

Lower Mast

Fore Mast length ex 84.10	Diameter	Plating
Housed to top of Main deck 22.9	Cap 19 1/2	3/16
Deck to hounds 4.4	Hounds 23	"
Hounds to Cap. 14.9	Partners 30	3/16
	Hel 22	3/16

Fore + Main Lower Yards
Length ex 53.9 Arms 2 1/4"
Dia at Centre 20 Plating 3/16
" at ends 10 " 3/16

Fore + Main Upper Top sail Yards
Length ex 67.0 Arms 18
dia at Centre 16 Plating 3/16
" at ends 8 " 3/16

Lower Mast

Main Mast len ex 86.3	Diameter	Plating
Housed to top of Main deck 21.3	Cap 19 1/2	3/16
Deck to Hounds 50.3	Hounds 23	"
Hounds to Cap. 14.9	Partners 30	3/16
	Hel 22	3/16

Mizzen Lower Yard
Length ex 66.0 Arms 2 1/4"
Dia at Centre 16 Plating 3/16
" at ends 8 " 3/16

Mizzen Upper Top sail Yard
Length ex 50.0 Arms 18
Dia at Centre 12 Plating 3/16
" at ends 6 " 3/16

Lower Mast

Mizzen Mast len ex 78.8	Diameter	Plating
Housed to top of Main deck 21.7	Cap 18	3/16
Deck to hounds 4.4	Hounds 22	"
Hounds to Cap. 12.9	Partners 28	3/16
	Hel 20	3/16

Fore and Main Lower Top sail Yards
Length ex 74.0 Arms 6"
Dia at Centre 18 Plating 3/16
" at ends 9 " 3/16

Bowsprit length ex 40.6
length outside Bed 27.6 dia at Cap 22 Plating 3/16
" inside " 13.0 " at Bed 35 " 3/16
" Hel 28 " 7/16

All lower Masts + bowsprit to be formed of three plates in circumference. Seam double rivetted with 3/4" rivets. Lacing 1 1/2" broad.
Butts below mast partners, and inside wedging of bowsprit to be double rivetted + remainder treble rivetted 3/4" caps 3/16 thick. Doubling plates at partners.
Fore + Main masts to have three angle iron 3 1/2 x 3 1/2 one fitted in Centre of each plate + extending the whole length of masts.
Bowsprit to have a vertical diaphragm plate at Partners + connected by continuous single angle iron to the upper + lower parts.
of bowsprit also two additional angle iron 4 1/2 x 3 1/2 3/16 All Iron Yards to be formed with two plates in circumference.
Seam single rivetted with 7/8" rivets + 1/2" Lacing 2 1/2 and 2 1/4 Butts treble rivetted and overlapped Doubling plates at Centre.

All rivets to be spaced not more than 5 diameters from Centre to Centre.

See Letter to Builders J.D. 4/10/03.