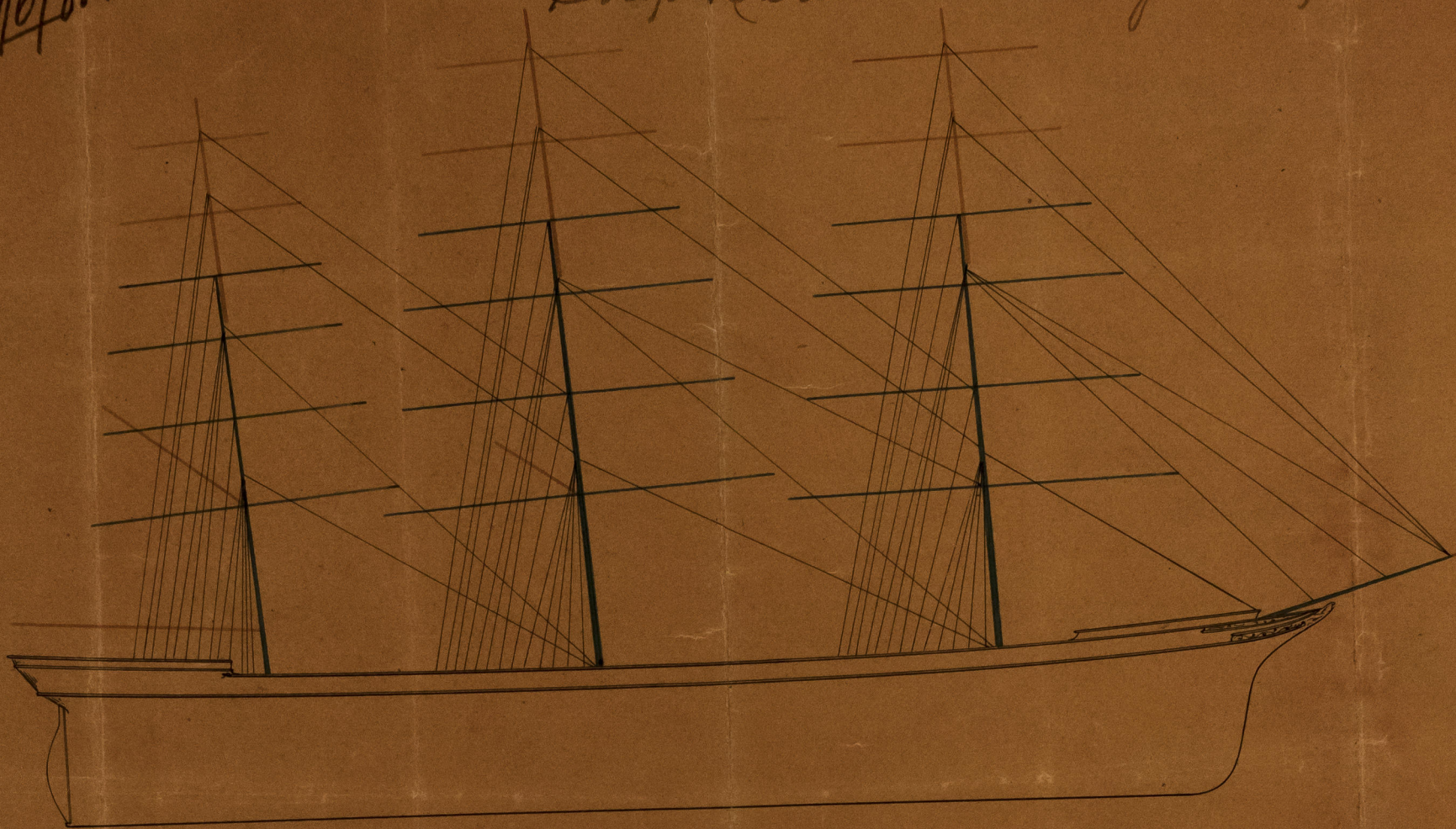


Let to Genl. 27/6/84.

Ship "Perwent" Glasgow Report No 6753.



Sailing Ship No. 258

Iron Masts (Polacca form)

Iron Yards. Steel

(Lower Masts & Topmasts in one) Steel Scantlings in Red.

Fore Mast Length extreme 127'-4" Hounds to Deck 25'-11" Deck to Hounds 4'-0" Hounds to Cap 15'-3" Cap to Topmast Hounds 28'-0" Topmast Hounds to Topmast Cap 12'-0" Deck at Keel 22 1/2' plating 1/4" Partners 31' plating 1/4" D. Hounds 24' " 1/4" Cap 20' " 1/4" D. Topmast Hounds 16' " 5/16" Topmast Cap 13 1/2' " 5/16"

Main Mast Length extreme 129'-1" Hounds to Deck 23'-9 1/2" Deck to Hounds 50'-0 1/2" Hounds to Cap 15'-3" Cap to Topmast Hounds 28'-0" Topmast Hounds to Topmast Cap 12'-0"

Diameters & Plating same as Fore Mast.

Mizen Mast Length extreme 116'-10"

Hounds to Deck 24'-7" Deck to Hounds 45'-9" Hounds to Cap 13'-0" Cap to Topmast Hounds 23'-0" Topmast Hounds to Topmast Cap 10'-6"

Deck at Keel 21' plating 1/4" Partners 29' plating 1/4" D. Hounds 22 1/2' " 1/4" Cap 19' " 1/4" D. Topmast Hounds 13' 1/4" Topmast Cap 11' " 1/4"

All Lower Masts to be formed of 3 plates in circumference. Seams double riveted with 3/4" rivets. Landings 4 1/2". The Butts below Mast Partners to be triple riveted. Remainder double riveted. Butts 1/16" thicker than the plates they connect. Doubling plates at Partners. Fore & Main Lower Masts to have 3 angles 4 x 3 x 7/16 1/4" extending the whole length of Masts (Lower)

The Fore Main & Mizzen Topmasts to be formed of 2 plates in circumference. Seams single riveted with 5/8" rivets. Landings 2 1/4". Butts triple riveted. Butts 1/16" thicker than plates they connect. Doubling plates in way of Lower Mast Caps.

Iron Bow-sprit & Jibboom Length outside Wroughtheads 46'-0" fitted Deck at 30' Plating 1/4" Keel 24' plating 1/4" D. Cap 19' " 1/4" This deck at 23' from keel.

Bow-sprit to be formed of 3 plates in circumference. A diaphragm plate to be connected to the upper & lower parts of Bow-sprit by single angles 4 x 3 1/2 x 7/16 1/4". Two additional angles in Bow-sprit 4 x 3 1/2 x 7/16 1/4".

Riveting: same as required for lower masts.

Name of Yards.

Fore & Main Lower Yards
D. " Topsail Yards
D. " Upper d.
D. " Lower Topgallant Yards
Mizen Lower Yard
D. " Topsail Yard
D. " Upper d.
D. " Lower Topgallant Yard.

Length Extreme	Arms	Diameters					
		at Center	at End	at Center	at End	at Center	at End
84'-0"	2'-6"	21	19	19	16 1/2	16 1/2	14 1/2
75'-0"	1'-0"	18	16 1/2	16 1/2	14 1/2	14 1/2	12 1/2
69'-0"	3'-0"	17	15 1/2	15 1/2	13 1/2	13 1/2	11 1/2
58'-0"	1'-0"	14	12 1/2	12 1/2	10 1/2	10 1/2	8 1/2
69'-0"	2'-6"	17	15 1/2	15 1/2	13 1/2	13 1/2	11 1/2
58'-0"	1'-0"	14	12 1/2	12 1/2	10 1/2	10 1/2	8 1/2
52'-6"	2'-0"	13	11 1/4	11 1/4	9 1/2	9 1/2	7 1/2
45'-0"	1'-0"	11	10	10	8 1/2	8 1/2	7 1/2

All yards to be formed of two plates in circumference. Fore & Main Lower Yards - Landings 2 1/2". Single riveted with 3/4" rivets. Remainder - landings 2 1/4". Single riveted with 5/8" rivets. Butts all triple riveted & overlapped. Doubling plates at Center.

Fore & Main Lower Shrouds 6 in Number 5 1/4" 3/4" Charcoal wire
Mizen " " 5 " 4 1/4" 3/4" "
Fore & Main Topmast Backstays & Stays 3 " 5 1/4" 1 1/2" "
Mizen " " & Stay 3 " 4 1/4" 3/4" "
Fore & Main Topgallant Backstays & Stays 3 1/4" 3/4" "
Mizen Topgallant Backstays & Stay 3 " 2 1/2" "
Fore and Main Lower Stays 5 1/4" 1 1/2" "
Mizen Lower Stay " 4 1/4" 3/4" "

Tonnage under Deck about 1800 tons

2 1/2 of over 1800 tons.

Dec. 27/6/84



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