

Vandalia 1828
Rigging Dimensions

Name	Cable/Rope	Prototype Circum.	Prototype Diam.	Model Diam.	Rounded Cordage 0.000 Make-Up	ActualDiam	My Number
Standing Rigging							
Stays	Cable						
Bobstay	Cable	7.00	2.23	0.0348	35 DMC "Cebelia" Size 10 - 3 ply	0.035	
Jib Stay	Cable	3.50	1.11	0.0174	17 DMC Perle Cotton Size 8 - Single Ply	0.016	
Fore Stay	Cable	12.00	3.82	0.0597	60 Kolmes 10/2 - 3 ply x 3 ply	0.055	
Fore Preventer Stay	Cable	12.00	3.82	0.0597	60 same	0.055	
Fore BackStay	Cable	7.00	2.23	0.0348	35 DMC "Cebelia" Size 10 - 3 ply	0.035	
Main Stay	Cable	13.00	4.14	0.0647	65 Kolmes 10/2 - 3 ply x 4 ply	0.065	
Main Preventer Stay	Cable	13.00	4.14	0.0647	65 same	0.065	
Main BackStay	Cable	7.50	2.39	0.0373	37 Omega "Emily" Size 10 - 3 ply	0.040	
Mizzen Stay	Cable	7.75	2.47	0.0385	39 Omega "Emily" Size 10 - 3 ply	0.040	
Mizzen BackStay	Cable	6.00	1.91	0.0298	30 DMC "Cebelia" Size 20 - 3 ply	0.030	
Fore Top Stay	Cable	6.00	1.91	0.0298	30 DMC "Cebelia" Size 20 - 3 ply	0.030	
Fore Top Preventer Stay	Cable	4.00	1.27	0.0199	20 DMC "Cebelia" Size 50 - 3 ply	0.023	
" Standing BackStay	Cable	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026	
" Shifting Backstays	Cable	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026	
" " Tackles	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010	
Main Top Stay	Cable	6.50	2.07	0.0323	32 DMC "Cebelia" Size 20 - 3 ply	0.030	
Main Top Preventer Stay	Cable	6.50	2.07	0.0323	32 DMC "Cebelia" Size 20 - 3 ply	0.030	
" Standing BackStay	Cable	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026	
" Shifting Backstays	Cable	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026	
" " Tackles	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010	
Mizzen Top Stay	Cable	3.75	1.19	0.0187	19 DMC Perle Cotton Size 5 - Single Ply	0.020	
" Standing BackStay	Cable	3.50	1.11	0.0174	17 DMC Perle Cotton Size 8 - Single Ply	0.016	
" Shifting Backstays	Cable	3.50	1.11	0.0174	17 DMC Perle Cotton Size 8 - Single Ply	0.016	
" " Tackles	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010	
Fore T'Gnt Stay	Cable	3.50	1.11	0.0174	17 DMC Perle Cotton Size 8 - Single Ply	0.016	
" Standing BackStay	Cable	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016	
" shifting Backstay	Cable	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016	
" " Tackles	Rope	1.50	0.48	0.0075	7		
Main T'Gnt Stay	Cable	3.50	1.11	0.0174	17 DMC Perle Cotton Size 8 - Single Ply	0.016	
" Standing Backstay	Cable	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016	
" shifting Backstay	Cable	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016	
" " Tackles	Rope	1.50	0.48	0.0075	7		
Mizzen T'Gnt Stay	Cable	2.50	0.80	0.0124	12 DMC Perle Cotton Size 12 - Single Ply		
Mzzn T'Gnt Backstay	Cable	2.00	0.64	0.0099	10 DMC Perle Cotton Size 12 - Single Ply		

Fore Burton Pendant	Cable	8.00	2.55	0.0398	40 Omega "Emily" Size 10 - 3 ply	0.040
Fore Burton Runners	Rope	5.50	1.75	0.0274	27 DMC "Cebelia" Size 20 - 3 ply	0.030
Fore Burton Falls	Rope	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016
Main Burton Pendant	Cable	8.00	2.55	0.0398	40 Omega "Emily" Size 10 - 3 ply	0.040
Main Burton Runners	Rope	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026
Main Burton Falls	Rope	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016
Mizzen Burton Pendant	Cable	4.00	1.27	0.0199	20 DMC Perle Cotton Size 5 - Single Ply	0.020
Mizzen Burton Runners	Rope	2.50	0.80	0.0124	12 DMC Perle Cotton Size 12 - Single Ply	
Mizzen Burton Falls	Rope	2.50	0.80	0.0124	12 DMC Perle Cotton Size 12 - Single Ply	
Gammmoning	Cable	5.25	1.67	0.0261	26 DMC Perle Cotton Size 3 - Single Ply	0.026
Bowsprit Shrouds	Cable	6.00	1.91	0.0298	30 DMC "Cebelia" Size 20 - 3 ply	0.030
Bowsprit Horses	Rope	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016
Fore Shrouds	Cable	7.00	2.23	0.0348	35 DMC "Cebelia" Size 10 - 3 ply	0.035
Main Shrouds	Cable	7.75	2.47	0.0385	39 Omega "Emily" Size 10 - 3 ply	0.040
Mizzen Shrouds	Cable	6.00	1.91	0.0298	30 DMC "Cebelia" Size 20 - 3 ply	0.030
Ratlines	Rope	1.50	0.48	0.0075	7	
Fore Topmast Shrouds	Cable	4.50	1.43	0.0224	22 DMC "Cebelia" Size 50 - 3 ply	0.023
Main Topmast Shrouds	Cable	5.00	1.59	0.0249	25 DMC Perle Cotton Size 3 - Single Ply	0.026
Mizzen Topmast Shrouds	Cable	3.75	1.19	0.0187	19 DMC Perle Cotton Size 5 - Single Ply	0.020
Ratlines	Rope	1.50	0.48	0.0075	7	
Fore T'Gnt Shrouds	Cable	3.00	0.95	0.0149	15 DMC Perle Cotton Size 8 - Single Ply	0.016
Main T'Gnt Shrouds	Cable	3.25	1.03	0.0162	16 DMC Perle Cotton Size 8 - Single Ply	0.016
Mizzen T'Gnt Shrouds	Cable	1.75	0.56	0.0087	9 DMC Perle Cotton Size 12 - Single Ply	
Ratlines	Rope	1.00	0.32	0.0050	5	

Running Rigging

Spritsail Yard

Slings	Rope	4.50	1.43	0.0224	22 DMC Cebelia Size 10 - Single Ply	0.022
Lift	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace Pendants	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Halliard	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010

Spritsail

Sheet	Cable	2.50	0.80	0.0124	12 DMC Perle Cotton Size 12 - Single Ply	
Clew Line	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Buntline	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010

Sprit Topsail Yard

Lift	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Halliard	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010

Sprit Topsail

Sheet	Rope	2.50	0.80	0.0124	12 DMC Perle Cotton Size 12 - Single Ply	
Clew Line	Rope	1.50	0.48	0.0075	7	

Fore Course Yard

Lift	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Lift Span	Rope	4.50	1.43	0.0224	22 DMC Cebelia Size 10 - Single Ply	0.022
Brace	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Brace Pendant	Rope	4.50	1.43	0.0224	22 DMC Cebelia Size 10 - Single Ply	0.022
Preventer Brace	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Jeers	Rope	5.00	1.59	0.0249	25 Omega Emily Size 10 - Single Ply	0.025
Yard Tackle Pendant	Rope	7.00	2.23	0.0348	35 DMC "Cebelia" Size 10 - 3 ply	0.035
Yard Tackle Falls	Rope	4.62	1.47	0.0230	23 DMC Cebelia Size 10 - Single Ply	0.022
Horses	Rope	4.00	1.27	0.0199	20 DMC Size Cebelia Size 20 - Single Ply	0.020

Fore Course

Sheet	Cable	5.00	1.59	0.0249	25 DMC Perle Cotton Size 3 - Single Ply	0.026
Tack	Cable	6.50	2.07	0.0323	32 DMC "Cebelia" Size 20 - 3 ply	0.030
Clew Line	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Buntline	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Leech Line	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Bowline	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015

Fore Topsail Yard

Tye	Rope	4.50	1.43	0.0224	22 DMC Cebelia Size 10 - Single Ply	0.022
Lift	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Brace	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015

Brace Pendant	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Halliard	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Horses	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
<i>Fore Topsail</i>						
Sheet	Cabled	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026
Clew Line	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Buntline	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Leech Line	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Fore Topgallant Yard</i>						
Lift	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace	Rope	1.50	0.48	0.0075	7	
Brace Pendant	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Halliard	Rope	1.50	0.48	0.0075	7	
<i>Fore Topgallant</i>						
Sheet	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Clew Line	Rope	1.50	0.48	0.0075	7	
<i>Fore Royal Yard</i>						
Lift	Rope		0.00	0.0000	0	
Brace	Rope		0.00	0.0000	0	
Halliard	Rope		0.00	0.0000	0	
<i>Fore Royal</i>						
Sheet	Rope		0.00	0.0000	0	
<i>Main Course Yard</i>						
Lift	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Lift Span	Rope	5.00	1.59	0.0249	25 Omega Emily Size 10 - Single Ply	0.025
Brace	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Brace Pendant	Rope	4.50	1.43	0.0224	22 DMC Cebelia Size 10 - Single Ply	0.022
Jeers	Rope	5.50	1.75	0.0274	27 Omega Emily Size 10 - Single Ply	0.025
Yard Tackle Pendant	Rope	7.75	2.47	0.0385	39 SouthMaid Crochet Cord Size 10 - 3 Ply	0.040
Yard Tackle Falls	Rope	5.12	1.63	0.0254	25 Omega Emily Size 10 - Single Ply	0.025
Horses	Rope	4.00	1.27	0.0199	20 DMC Size Cebelia Size 20 - Single Ply	0.020
<i>Main Course</i>						
Sheet	Cabled	5.50	1.75	0.0274	27 DMC Perle Cotton Size 3 - Single Ply	0.026
Tack	Cabled	7.00	2.23	0.0348	35 DMC "Cebelia" Size 10 - 3 ply	0.035
Bowline	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Clew Line	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Buntline	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Leech Line	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Main Topsail Yard</i>						

Lift	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Brace	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Brace Pendant	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Halliard	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
<i>Main Topsail</i>						
Sheet	Cabled	6.00	1.91	0.0298	30 DMC Perle Cotton Size 8 - 3 Ply	0.030
Clew Line	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Buntline	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Main Topgallant Yard</i>						
Tye	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Lift	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace	Rope	1.50	0.48	0.0075	7	
Brace Pendant	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Halliard	Rope	1.50	0.48	0.0075	7	
Horses	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Main Topgallant</i>						
Sheet	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Clew Line	Rope	1.50	0.48	0.0075	7	
<i>Main Royal Yard</i>						
Lift	Rope		0.00	0.0000	0	
Brace	Rope		0.00	0.0000	0	
Halliard	Rope		0.00	0.0000	0	
<i>Main Royal</i>						
Sheet	Rope		0.00	0.0000	0	
<i>Mizzen Crossjack yard</i>						
Truss Pendants	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Truss Falls	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Lift	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Braces	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace Span about the cap	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Brace Pendant	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Jeers	Rope	4.00	1.27	0.0199	20 DMC Size Cebelia Size 20 - Single Ply	0.020
Yard Tackle Pendant	Rope	6.00	1.91	0.0298	30 DMC "Cebelia" Size 20 - 3 ply	0.030
Yard Tackle Falls	Rope	3.96	1.26	0.0197	20 DMC Size Cebelia Size 20 - Single Ply	0.020
<i>Spanker Gaff</i>						
Jeers	Rope	4.00	1.27	0.0199	20 DMC Size Cebelia Size 20 - Single Ply	0.020
Throat Halliard	Rope		0.00	0.0000	0	
Peak Halliard	Rope		0.00	0.0000	0	

Vang Pendant	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Vang Falls	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Spanker Boom & Spanker</i>						
Sheet Pendant	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Sheet Falls	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Boom Sheets	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Horses	Rope	3.00	0.95	0.0149	15 DMC Cebelia Size 50 - Single Ply	0.015
Brails	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Downhaul	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Mizzen Topsail Yard</i>						
Tye	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Lift	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace Pendant	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Halliard	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
<i>Mizzen Topsail</i>						
Sheet	Rope	3.50	1.11	0.0174	17 DMC Cebelia Size 50 - Single Ply	0.015
Clew Line	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Buntline	Rope	1.50	0.48	0.0075	7	
Bowlines	Rope	1.50	0.48	0.0075	7	
<i>Mizzen Topgallant Yard</i>						
Tye	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Horses	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Lift	Rope	2.00	0.64	0.0099	10 DMC Special Dentelles, Size 80 - Single Ply	0.010
Brace	Rope	1.50	0.48	0.0075	7	
Halliard	Rope	1.50	0.48	0.0075	7	
<i>Mizzen Topgallant</i>						
Sheet	Rope	2.50	0.80	0.0124	12 DMC Special Dentelles, Size 80 - Single Ply	0.010
Clew Line	Rope	1.50	0.48	0.0075	7	
Bowlines	Rope	1.00	0.32	0.0050	5	
<i>Mizzen Royal Yard</i>						
Lift	Rope		0.00	0.0000	0	
Brace	Rope		0.00	0.0000	0	
Halliard	Rope		0.00	0.0000	0	
<i>Mizzen Royal</i>						
Sheet	Rope		0.00	0.0000	0	