

Calculations of Displacement &c. of the Composite Tea Clipper "Cutty Sark", built at Dumbarton by Messrs Scott & Linton in 1869, under the Special Survey of the Surveyors to Lloyd's Register of Shipping, and Classed + 16 A1.

THESE CALCULATIONS HAVE BEEN MADE FROM THE LINES OF THE VESSEL CONSTRUCTED FROM MEASUREMENTS AND PARTICULARS OF THE VESSEL OBTAINED WHILE IN DRY DOCK AT THE "UNION DOCK" OF MESSRS FLETCHER, SON & FEARNELL, LIMITED, LIMEHOUSE, LONDON, JANUARY 1922.

This paper of calculations is the property of the Committee of Lloyd's Register of Shipping, London.

Stations	Keel.	Water Line 1.				Water Line 2.				Water Line 3.				Water Line 20 ft.				Vertical Sections.			
		1	4	2	4	1	4	2	4	1	4	2	4	1	4	2	4	Areas.	Functions	Mult.	Moments.
Sum 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4		
1 4	7	2.8	1.0	2.0	1.5	6.0	2.3	9.2	3.4	13.6								20.3	31.2	1	81.2
2 2	7	1.4	2.2	4.4	3.6	7.2	5.2	10.4	6.7	13.4								44.2	88.4	2	176.8
3 4	7	2.8	3.5	14.0	6.2	24.8	8.2	32.8	7.7	38.8								69.6	278.4	3	835.2
4 2	7	1.4	5.2	10.4	8.9	17.8	11.1	22.2	12.4	34.8								96.1	192.2	4	768.8
5 4	7	2.8	7.0	28.0	11.4	45.6	13.5	54.0	14.4	67.6								119.9	479.6	5	2398.0
6 2	7	1.4	2.7	17.4	12.7	27.4	15.4	30.8	16.0	32.0								140.8	281.0	6	1686.0
7 4	7	2.8	10.3	41.2	15.3	61.2	16.6	66.4	16.8	67.2								155.7	622.2	7	4359.6
8 2	7	1.4	11.4	32.8	16.4	32.8	17.3	34.6	17.3	34.6								165.6	331.2	8	2669.6
9 4	7	2.8	12.3	69.2	17.1	63.4	17.7	70.8	17.5	70.0								172.4	689.6	9	6206.4
10 2	7	1.4	12.7	25.4	17.4	34.8	18.0	36.0	17.7	35.4								176.0	352.0	10	3520.0
11 4	7	2.8	12.6	50.4	17.3	69.2	18.0	72.0	17.7	70.8								178.4	701.6	11	7717.6
12 2	7	1.4	11.8	23.6	16.8	33.6	17.2	35.6	17.6	35.2								170.3	340.6	12	4087.2
13 4	7	2.8	10.4	41.6	15.8	63.2	17.4	69.6	17.4	69.6								160.9	643.6	13	8366.8
14 2	7	1.4	2.7	17.4	16.3	28.6	16.6	33.2	17.0	34.0								147.5	295.0	14	4130.0
15 4	7	2.8	7.0	28.0	12.2	48.8	15.2	60.8	16.4	65.6								130.3	521.2	15	7818.0
16 2	7	1.4	5.1	10.2	9.7	19.4	13.2	26.4	15.2	30.4								108.5	217.0	16	3472.0
17 4	7	2.8	3.4	13.6	6.8	27.2	10.4	41.6	13.4	53.6								82.9	331.6	17	5637.2
18 2	7	1.4	2.0	4.0	4.1	8.2	6.9	13.8	10.5	21.0								55.0	110.0	18	1980.0
19 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	19	2128.0
20 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	20	2128.0
21 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	21	2128.0
22 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	22	2128.0
23 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	23	2128.0
24 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	24	2128.0
25 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	25	2128.0
26 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	26	2128.0
27 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	27	2128.0
28 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	28	2128.0
29 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	29	2128.0
30 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	30	2128.0
31 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	31	2128.0
32 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	32	2128.0
33 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	33	2128.0
34 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	34	2128.0
35 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	35	2128.0
36 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	36	2128.0
37 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	37	2128.0
38 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	38	2128.0
39 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	39	2128.0
40 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	40	2128.0
41 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	41	2128.0
42 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	42	2128.0
43 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	43	2128.0
44 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	44	2128.0
45 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	45	2128.0
46 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	46	2128.0
47 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	47	2128.0
48 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	48	2128.0
49 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	49	2128.0
50 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	50	2128.0
51 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	51	2128.0
52 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	52	2128.0
53 4	7	2.8	1.0	4.0	1.9	7.6	3.3	13.2	6.3	25.2								28.0	112.0	53	2128.0
54 2	7	1.4	4.0	3.8	3.2	13.2	6.3	25.2	6.3	25.2								28.0	112.0	54	2128.0
55 4	7	2.8																			