Beaufort Number	Wind Velocity (Knots)	(MPH)	Seamans Term	Wave Height	Sea Conditions
0	0-1	0-1.7	Calm	Smooth	Glassy, mirrorlike
1	2-3	1.8-4.0	Light air	Ripples	Scale-like ripple
2	4-6	4.1-7.4	Light breeze	1/3 ft.	Small wavelets
3	7-10	7.5-12.0	Gentle breeze	1-2 ft.	Large wavelets, crest begins to break
4	11-16	12.1-18.9	Moderate breeze	2-3 ft.	Small waves, some whitecaps
5	17-21	19.0-24.7	Fresh breeze	3-4 ft.	Longer waves, many whitecaps
6	22-27	24.8-31.6	Strong breeze	4-5 ft.	Large waves, many whitecaps, foam & spray everywhere
7	28-33	31.7-38.5	Moderate gale	5-6 ft.	Sea heaps up, streaks of foam
8	34-40	38.6-46.6	Fresh gale	6-7 ft.	High long waves, spindrift
9	41-47	46.7-53.3	Strong gale	7-9 ft.	Rolling seas

Portsmouth Handicap Table

Boat	Type	Code	DPN	BN 0-1 (DPN1)	BN 2-3 (DPN2)	BN 4 (DPN3)	BN 5 (DPN4)
Sunfish (Int.)	Centerboard	SF	99.6	103	100.4	97.8	95.8
Butterfly	Centerboard	BUT	108.3	110.1	109.4	106.9	106.7
Laser (Int.)	Centerboard	LASE	91.1	93.7	92.3	91	88.2
Laser Radial/Laser M	Centerboard	LASEM	96.7	99.4	97.3	93.6	
Snipe (Int.)	Centerboard	SN	91.9	94.8	92.5	91.4	89
MC Scow	Centerboard	MC-SC	87.8	89.5	87.4	87.2	86.5
Hobie Wave	Multihull	HWAV	92.1	95.8	92.7	89.5	89.2
Hobie Getaway	Multihull	HGET	83.3	87.5	86.2	82.5	80
Nacra 5.2 Slp 2-up	Multihull	N5.2	72.1	78	74.8	71.6	67.4
Santana 20 & 20W	Offshore	SNT20	90.1	91	90.2	89.9	89.3
Capri 22 (Cat., FK/SK/WK)	Offshore	CAP22	90.8	92.6	91.5	90.1	89
Catalina 22 (SK/WK, N/Spi)	Offshore	CAT22	96.3	98.4	96.3	95.3	95.1

Calculating Score

1. Record 3 wind velocities during the race (beginning, middle, end) and average to get the BN
2. Record elapsed time (ET) for each Boat
3. Convert elapsed time to decimal minutes. Example 30 min 30 sec would be 30.5 minutes.
4. Locate handicap (HC) either the DPN or DPN based on BN
5. Multiply the ET in decimal minutes by 100 and divided by the handicap to get the corrected time
6. Lowest corrected time is first place, next lowest is second place, etc.

CT = (ET/60 * 100)/HC

Example

Average Wind Speed: 11 MPH - BN 3

Boat	Type	Elapsed Time (ET) Minutes	ET seconds	ET in Decimal Minutes	Handicap (HC) based on DPN	Corrected Time (CT)	Place
Boat A	Snipe	30	45	30.75	92.5	33.24	4
Boat B	Butterfly	30	45	30.75	109.4	28.11	1
Boat C	Sunfish	30	45	30.75	100.4	30.63	2
Boat D	Laser (Int.)	30	45	30.75	92.3	33.32	5
Boat E	Hobie Wave	30	45	30.75	92.7	33.17	3