

Race Marks

2009 RKYC Racing Mark Locations and Distances

For the 2009 Racing series the marks shall be as follows:

Buoy	Latitude	Longitude	Description
Buoy F	45° 18.437	66° 06.439	Orange Finish Line buoy
Buoy S	45° 19.063	66° 06.490	Orange buoy on Snake Shoal
Buoy #1	45° 18.527	66° 07.204	Orange buoy near Ragged Point
Buoy #2	45° 18.519	66° 09.018	Orange buoy near McCormack's Cove
Buoy #3	45° 19.594	66° 06.177	Orange buoy near McColgans Point
Buoy #4	45° 16.690	66° 08.277	Orange buoy between SJ Marina and Acamac Point
Buoy #5	45° 19.920	66° 11.216	Green Navigation Buoy at Brandy Point
Buoy #6	45° 18.075	66° 07.901	Martinon Buoy near Ragged Point Cove
Buoy #7	45° 17.880	66° 10.642	Martinon Buoy near Belmont Cove

The following table displays the reference leg distances for the 2009 racing season. The sum of leg distances for each race will be used in the time-on-distance corrected time calculations. To find a legs length, find the buoy of the start of the leg in the vertical list, and the buoy at the end of the leg on the horizontal list. The intersection of the row and column will be the leg distance in nautical miles. Example: leg from McColgans (Buoy #3) to McCormacks (Buoy #2) has a distance of 2.27 nm.

Buoy	F	S	#1	#2	#3	#4	#5	#6	#7
	Finish	Snake	Ragged	McCormacks	McColgans	Acamac	Brandy	Outer Ragged	Martinon
F	---	0.63 nm	0.57 nm	1.83 nm	1.17 nm	2.63 nm	3.92 nm	1.11 nm	3.02 nm
S	0.63 nm	---	0.74 nm	1.87 nm	0.58 nm	2.84 nm	3.96 nm	1.40 nm	3.16 nm
#1	0.57 nm	0.74 nm	---	1.28 nm	1.29 nm	2.11 nm	3.37 nm	0.67 nm	2.51 nm
#2	1.83 nm	1.87 nm	1.28 nm	---	2.27 nm	1.90 nm	2.09 nm	0.90 nm	1.31 nm
#3	1.17 nm	0.58 nm	1.29 nm	2.27 nm	---	3.38 nm	4.36 nm	1.95 nm	3.59 nm
#4	2.63 nm	2.84 nm	2.11 nm	1.90 nm	3.38 nm	---	3.84 nm	1.41 nm	2.05 nm
#5	3.92 nm	3.96 nm	3.37 nm	2.09 nm	4.36 nm	3.84 nm	---	2.98 nm	2.08 nm
#6	1.11 nm	1.40 nm	0.67 nm	0.90 nm	1.95 nm	1.41 nm	2.98 nm	---	1.94 nm
#7	3.02 nm	3.16 nm	2.51 nm	1.31 nm	3.59 nm	2.05 nm	2.08 nm	1.94 nm	---

The distances for legs which are obstructed by land have been determined by travelling between the buoys by boat with a route which was as direct as possible. The travel distances were recorded with a GPS.