



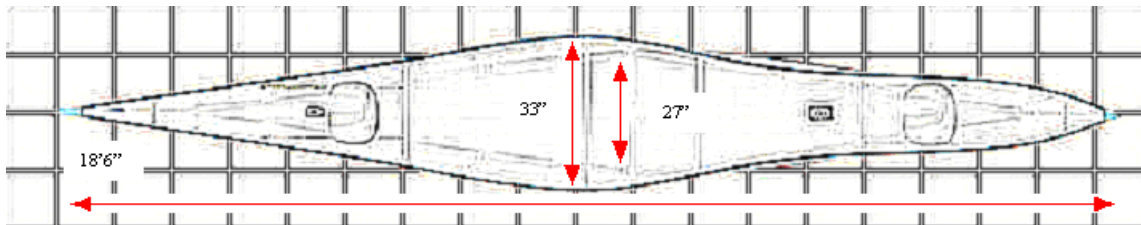
Ontario Marathon Canoe Kayak Racing Association

Boat Specifications

OMCKRA canoe specification rules for the C1 and C2 classes are consistent with those set by both Canoe Kayak Canada and the US Canoe Association (USCA). Stock and recreational canoe specifications are specific to Ontario and may differ in other jurisdictions.

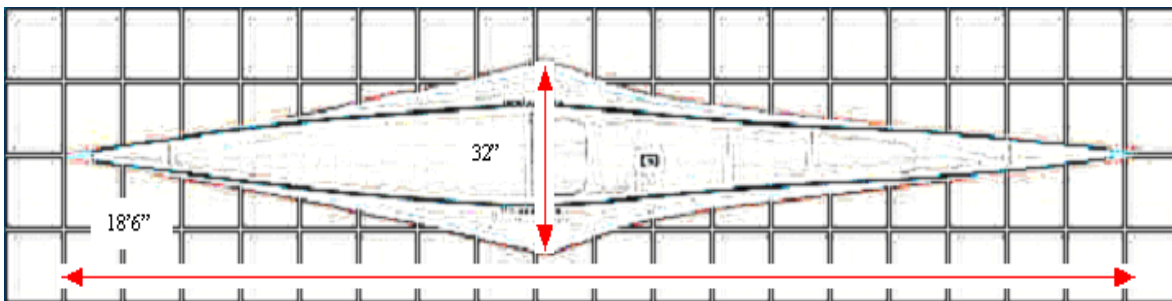
Pro C2 (Marathon two-person canoe)

Maximum overall length 18 feet 6 inches; minimum width 27 inches, 3 inches above the bottom, when measured within 12 inches of the longitudinal centre, not counting keels, at the widest part of the canoe. Minimum width at the gunwales, skin to skin, shall be 33 inches, within 12 inches of the longitudinal centre. Minimum 15-inch high bow measured from the bottom baseline.



USCA C1 (Marathon one-person canoe)

Hull specifications shall conform to current USCA specification in effect. In addition, OMCKRA recommends that tarps and bailers be permissible.



Stock C2 (two-person canoe)

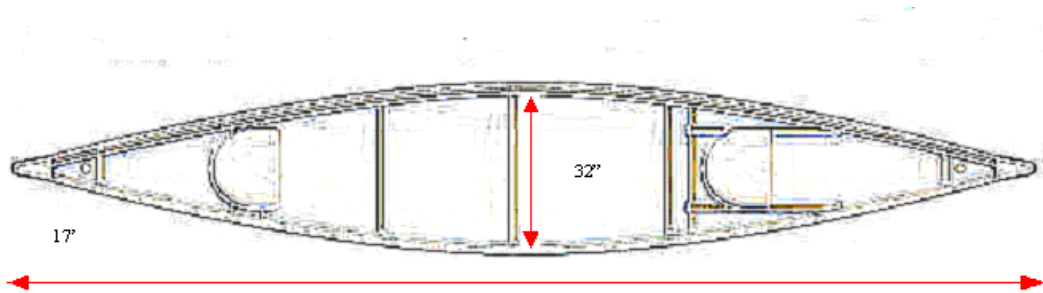
Length; maximum of 18'6"; Width: minimum of 14.4 per cent of length at the four (4) inch waterline, (i.e. 32 inches for 18'6" length, 29.4 for 17' length); Depth: Minimum at bow 16 inches, centre 12 inches, stern 16 inches.

Stock C1 (one-person canoe)

Length: Maximum of 17'2" / Minimum 15.' Width: No minimum / No maximum. Canoes with concave hulls are not permitted. Pro-class or modified boats that are specifically designed for flat-water racing are not permitted. Skegs or rudders are not permitted.

Recreational Canoe (two-person canoe)

Any non-racing canoe, at the discretion of the race organizer, 17 feet long or less with a minimum width of 32 inches at the 4-inch waterline is acceptable. (Dec. 1, 2007)



Solo Kayak Specifications

HPK – high performance kayak, L:W ratio >10.99:1 (includes ICF K1)

FK - fast kayaks L:W ratio between 9.25:1 to 10.99:1

Long Recreational Kayaks L > 4.27m (14ft) and L:W ratio < 9.25:1

Short Recreational Kayaks L < 4.27m (14ft) and L:W ratio < 9.25:1

L = waterline length

W = waterline width

(L and W are based on 150lb weight in the boat)

ICF K2 (Kayak)

Dimensions and weights sanctioned by the International Canoe Federation for Marathon are to take precedence. ICF K2s to be no longer than 650 cm and weigh no less than 12 kg.

ICF C1 and ICF C2 (Canoe)

Dimensions and weights sanctioned by the International Canoe Federation for Marathon are to take precedence. ICF C1s are to be no more than 520 cm long and weigh no less than 10 kg. ICF C2s to be no more than 650 cm long and weigh no less than 14 kg.

Stand Up Paddleboards (SUP)

OMCKRA – boat specifications – page 2

Maximum length of 14 feet for both male and female paddlers. Minimum length of 11 feet, six inches (11'6".) A race organizer can impose a different minimum length for a race. Any material may be used in construction, including inflatables. Classes may be differentiated by gender and age.

Outrigger

The following classes are recommended to race organizers hosting OMCKRA races.

OC1 (One-person outrigger canoe, no specifications)

OC2 (Two-person outrigger canoe, no specifications.)

OC6 (Six-person outrigger canoe, no specifications.)

North Canoe

All canoes must look like authentic North Canoes.

Outside should look like birch bark and symbols should be on the bow.

No rudders, fixed or otherwise, are permitted.

Keels, if any, shall be fixed and integral part of the canoe.

Rocker is unspecified (discretion of the builder).

Weight is unspecified.

Maximum length is 26 feet. Canoes built prior to 1985 which are between 26 feet and 26 feet 6 inches are to be accepted.

Prow height measured from the keel line is a minimum of 40 inches.

The distance between the ends of the canoe and the point where the bow or stern meets the keel line is a minimum of 24 inches. Above is a requirement to maintain a rounded bow and stern.

Minimum beam measured 3 inches above the bottom at the centre of the canoe is 30 inches (outside hull measurement, excluding keel).

The use of bent paddles and automatic pumps is left to the discretion of the race organizer.

