SPEED AND DISTANCE CHARTS FOR THE OLYMPIC CLASSES

CLASSES

Laser	Laser Radial
470 Men	470 Women
Finn	Nacra
49er	49erFX Women
RS:X Men	RS:X Women

COURSE CONFIGURATIONS (standard Olympic courses)

Windward / Leeward with Downwind Finish (L2, L3, L4)

Trapezoid (O2 is 1, 2, 3 gate, 2, 3, finish)

DATA COLLECTION SHEETS

Windward / Leeward -Landscape

Trapezoid - Landscape

These charts have been developed to assist Race Officers in setting courses of the correct length to achieve target times as accurately as possible, they are only a guide and do not take account of tide or difficult sea conditions. It is assumed that the standard Olympic courses are used and set up using the "reference point" system with the reach leg at two thirds of the windward leg length and the final reach of 0.15 nm.

These charts will be particularly helpful to Race Officers who are unused to running races for a particular class as can happen when medal races are required. Race Officers experienced in a particular class may find the charts of less help.

Introduced for the first time are the 49erFX and Nacra charts, only a small amount of data has been collected so far and so these speeds are the first estimates which hopefully will be improved when more data becomes available

The difficulties of producing these charts is increased for classes such as RS:X and 49ers where the hull moves into more of a planing mode between 8 and 10 knots with the corresponding increase in speed.

Included in the pack are two data collection sheets which can be used to check or adjust speeds included in the charts. By going to the overall speeds page any amendment of speed, measured in minutes per mile, will automatically update the relevant speed chart. If you have good speed data on a particular chart please let me know so that we can update the master sheets.

Please contact me if you have queries, comments or any update information.

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