

# AMERICA'S CUP®

## AC45 Wing-Sailed Catamaran

Alarmingly quick and responsive. Challenging and physical. The new wing-sailed AC45 catamaran will push the best sailors in the world to their limits and beyond.

The forerunner to the AC72 that will be sailed in the Louis Vuitton Cup and America's Cup Finals in 2013, the AC45 is the official boat of the America's Cup World Series, which will race for two seasons before the 2013 events.

Focused on creating more on-the-water excitement for both the teams and the fans, the AC45 wing-sailed catamaran was designed for both speed and close racing. Able to be sailed in light or strong winds, these boats will showcase not just intense speed but also the extreme athleticism of the sailors. While capable of closing speeds over 30 mph, the AC45 remains nimble enough to handle the tight, tactical race courses planned by America's Cup Race Management.

The AC45 was designed by the ORACLE Racing design and engineering team, which developed the catamaran on behalf of the America's Cup community. It is manufactured by Core Builders Composites of New Zealand. The challenge was designing a boat that would not only meet the racing and performance criteria, but could also fit inside a 40-foot container, which is the shipping method for the America's Cup World Series.

### AC45 Principal Dimensions

Hull Length	13.45m (44 feet)
Width	6.90m (22.6 feet)
Mast Height	21.50m (70.5 feet)
Maximum Draft	2.70m (8.8 feet)
Weight	1400 kgs (3,086 pounds)
Wing Area	85 sqm (914 sq. feet)
Jib Area	48 sqm (516 sq. feet)
Gennaker Area	125 sqm (1,345 sq. feet)
Crew	5 people @ 85 kgs/person (187 pounds)

