



Better boats make better sailors



The complex process of simplifying fun.



Our goal in developing the MUMM 30 was to create a state-of-the-art offshore one-design that would be fast and exciting, yet uncomplicated and economical. We set about the design of the MUMM 30 with a "clean sheet of paper" in that there are no rating rule driven compromises in performance. Our experience in Whitbread 60's and America's Cup boats gave us confidence that incredible light air speed does not necessarily require large overlapping jibs. Fractional rigs



are preferred over mast head rigs for upwind performance and easy handling, but with no arbitrary rule restrictions, masthead spinnakers will turbo-charge the boat downwind. The symmetrical vs. asymmetrical spinnaker debate is a non-issue. Each has its advantages and place, so we have allowed for both, making the MUMM 30 today's most versatile downwind boat.



During design conferences, we applied a simple test for complex issues, "Will this detail or feature make the boat more fun to sail?" Time and again, we found that the simplest solution was the best one. For example, there are no running backstays. The extra crewman needed for runners, and the chance of losing the rig if the runners aren't set up properly, are eliminated. The boat has a very high righting moment because high stability means speed upwind, and a boat that is easier to get in the groove. In order to achieve high stability with a minimum amount of weight and drag, we have developed a keel that is reminiscent of our Whitbread 60 designs. A large lead bulb is supported by a cast steel fin which produces a reliable, durable structure with maximum righting moment. High stability also means less need for a lot of people on the rail. The non-overlapping headsails mean that the winches are tiny, and dexterity takes precedence over power: smaller crew, and smaller sail budgets!

Meticulous care has been taken in the engineering and construction of every component on the MUMM 30. Carroll Marine and our other builders around the world use exceptional workmanship and attention to detail to insure quality standards and an exact one-design configuration, similar to the MUMM 36. The rig is simple to use, but it is state-of-the-art carbon fiber laminate, tested and refined to suit the boat perfectly. The hull is carefully built of vacuum bagged wet pre-preg epoxy and post cured in an oven with the same materials and processes so well developed on the MUMM 36. The rudder stock is autoclaved carbon fiber: strong, light, and virtually maintenance free. Complex technology is employed intelligently to yield simplicity.

The MUMM 30 has amazed competitors on the race course with its speed in all conditions, but the real test is when sailors actually take the helm. The boat has a large rudder which provides balance and superb control both upwind and down. It accelerates like a dinghy, but feels like a big boat going upwind in a breeze. The cockpit is a marvel of comfort and efficiency from the innovative folding foottracks, to the internal sail controls. Everything is easily at hand, functional and smooth. This sailing machine will be easy for less experienced crews to handle, and will never stop rewarding the most experienced sailor. Have Fun!

Bruce Farr & Associates, Inc.

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All Mumm 30's are created equal.



The RORC Rating Office provides one-design certificates after each boat is measured individually.



International America's Cup Class
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To: John Warren, R.O.R.C.
Jim Andersen, Carroll Marine
Farr International

Date: 8 December 1995

This is to certify that in accordance with Mumm 30 Class Rule 9.2, and following the moulding of Mumm 30 hull #20, I have completed the requalification of Carroll Marine's Mumm 30 hull mould. This requalification process has included:

- checking the fit of the hull #20 to the Qualifying Jig;
- checking the builder's templates for stations 2,5,5, and 9 against the original full-size mylars provided by the designer;
- checking the fit of these templates to the Qualifying Jig;
- measuring the rocker of the Qualifying Jig between stations 2,5,5, and 9.

In accordance with Class Rule 9.4, and in conjunction with the builder's measurer, Aaron Crawford, I have completely measured a Mumm 30 hull. In all cases Mr. Crawford's measurements and mine coincide to within very close tolerances. I find his methods and results entirely satisfactory for the measurement of Mumm 30 class yachts, and hereby re-qualify him as the Carroll Marine Builder's Measurer.

In addition, I have:

- checked the certification date of the load cells used to weigh hulls, and find that they have been properly re-certified;
- weighed a finished keel chosen at random;
- witnessed the templating of a rudder chosen at random;
- examined builder's records of weights and measurements.

In all cases I find the builder's construction, recordkeeping, component checks and controls, and measurement controls are conducted in a manner that ensures that the Mumm 30 hulls leaving the Carroll Marine plant conform to the letter and intent of the Mumm 30 Class Rule.

Nick Nicholson

Mumm 30 Class Measurer

The class measurers regularly requalify each mold for the worldwide builders.

Builders:

Carroll Marine, Ltd.

McDell Marine, Ltd.

Ovington Boats

North America

Asia/Pacific

Europe



Better boats make better sailors

Real people. Real fun.



"The Boat is powerful, yet it is almost ridiculously easy to handle."

Seahorse Magazine
England

"Perfect little package; it feels like a much bigger boat upwind. The rig is also clearly just plain clever."

Andrew Hurst,
Seahorse Magazine editor
England

"The Mumm 30 is almost embarrassingly fast!"

Kim McDell
McDell Marine Ltd.
Auckland, New Zealand

"The Mumm 30 strikes the elusive magic balance between upwind power and off the wind kick-in-the-pants thrills."

David Flynn,
Sobstad Sailmakers
Annapolis, MD

"Even after sailing in 3 straight heavy air regattas, we've never had anything break. That's nice if you're going to be taking your kids out with you."

Charlie Lawrence,
Owner, *Canned Heat*
Port Huron, MI

"Pretty cool-sailing faster than an ILC 40 downwind"

P.J.Panzica
Sailing Instructor, "Women For Sail"
Key West, FL

"In 17 years at North Sails I've never seen or sailed a boat as much fun as this one!"

Perry Lewis,
North Sails Sailing Consultant
Chicago, IL

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