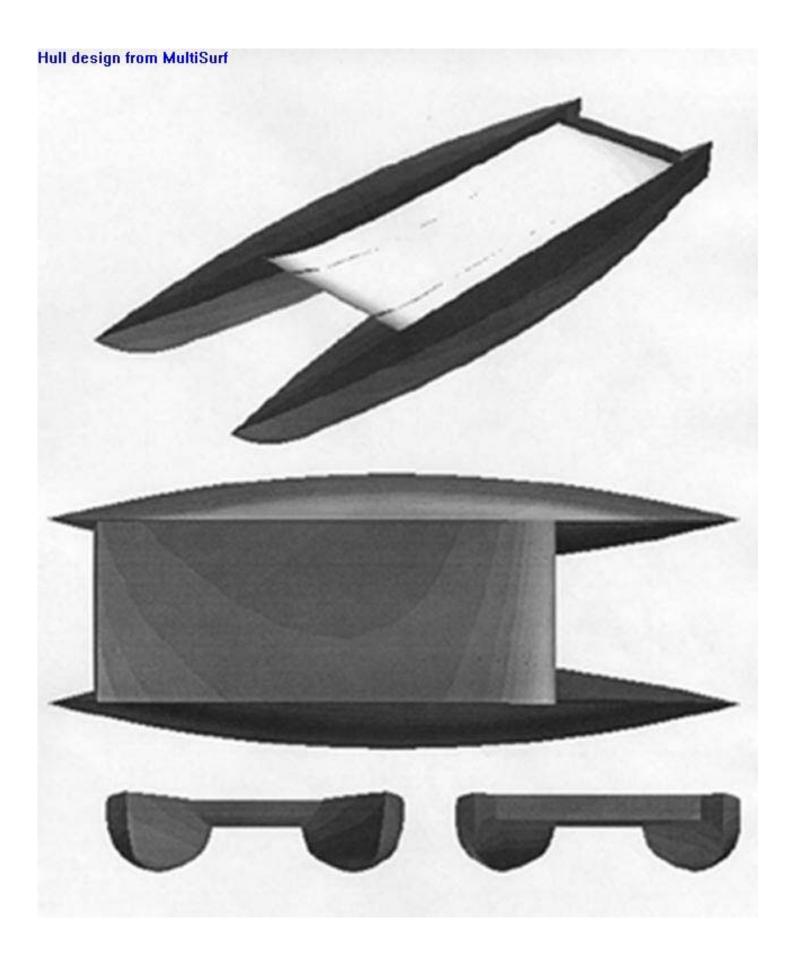
The College of New Jersey

1999 Solar Electric Boat Design Team

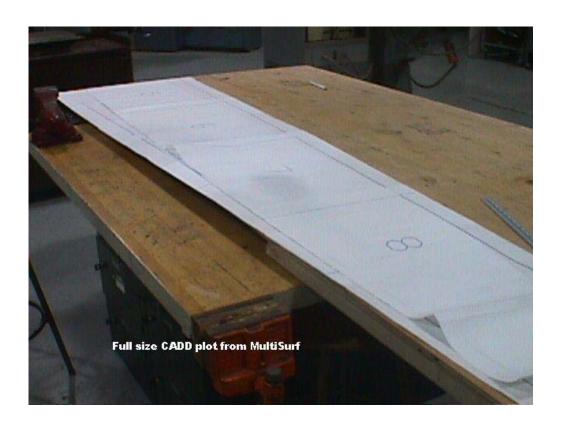


The team from the left: Dr. Norman "Doc" Asper, Tom Batten (soph.), James Zellman (Sr. Designer/Builder), Mandy Newman (2000 team), Michael Yack (Sr. Designer/Builder), Mireille Kimberly (2000 team), Gregg Bonstein (2000 team)

The following photo gallery chronicles the events leading to The College of New Jersey's Engineering Department's initial entry into the 1999 Solar Splash competition in Milwaukee, WI.



The Catamaran Hull Fabrication



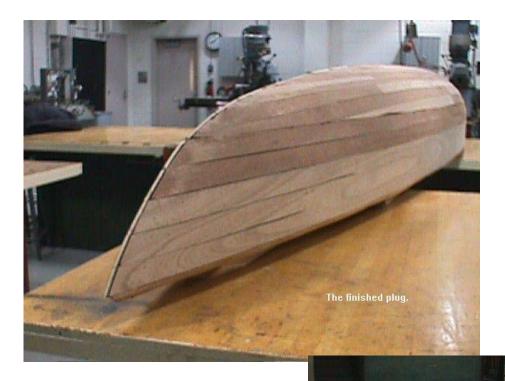




James setting the keelson for the hull plug.



Plug sealed to accept foam and glass

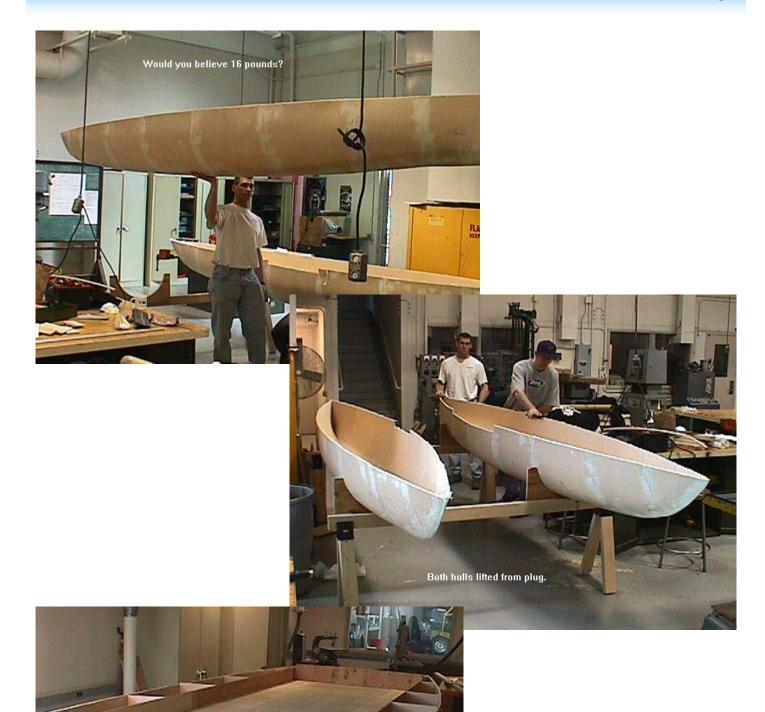




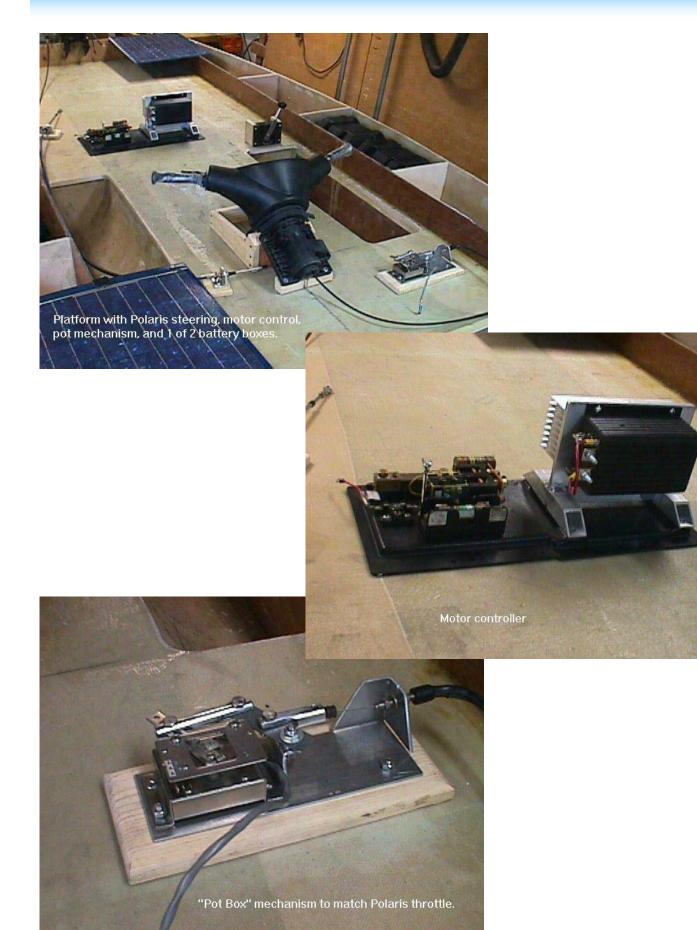


Platform, ready to be bonded to hulls.

James preping plug to lay-up the platform which will connect the two hulls of the catamaran.



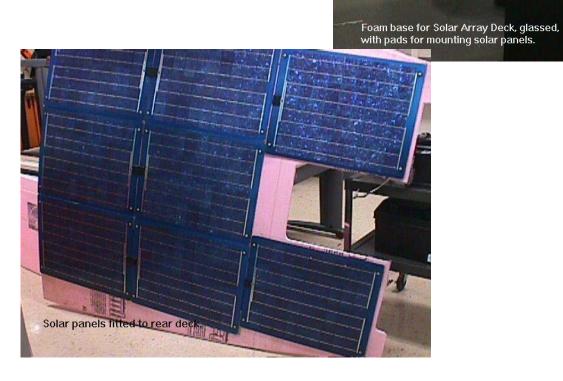
Platform fitted to hulls with bulkheads in place.











The Power Units







Both motors in "quick change" frame w/props.

The spring motor configuration



Final Prep and Testing







Both James and Michael in boat - broken steering, but it runs well!





Mandy and Tom wireing the solar arrays.



Solar Splash '99 Milwaukee, Wl June 16 – 20, 1999

















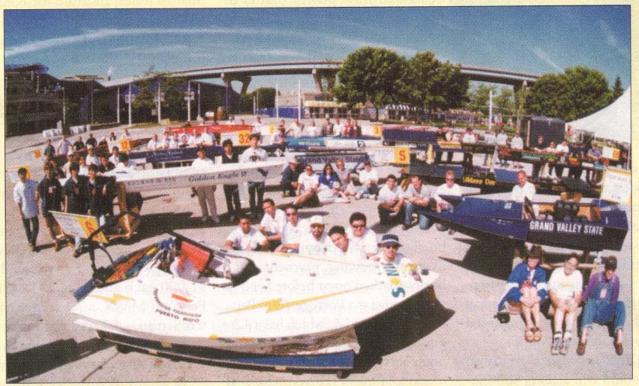




ASMENEWS

VOL 18 NO 8 PUBLISHED BY THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS AUGUST 1999

Designed to Make Waves



Twelve teams from 11 schools took part in the 1999 Solar Splash, the annual solar boat competition. This year, teams represented institutions from the United States, Japan and Puerto Rico (front). For event results, see story on page 4.

Return to Norm Asper's Web Site