



# Newsletter

**OUTERLIMITS OFFSHORE  
POWERBOATS LTD.**

*Celebrating 10 Years 1993-2003*

## Outerlimits New High Tech Facility

Outerlimits has recently made the acquisition of a high tech boat building company and has moved its entire operation to the more modern state-of-the-art facility. Although the move was right around the block, the scope of technology, personnel and equipment gained, exceeded anything ordinary. The move was one thing, but the reason was purely something else.

Since the very beginning, Outerlimits has been a cutting edge company, staying ahead of its competitors. Through their innova-

tions and a team of professionals who combine their individual talents to produce a level of craftsmanship that cannot be equaled, Outerlimits has been building boats that surpassed the others in design, luxury, and performance. And, being a cutting edge company, it was time for something new.

In order to achieve higher speeds with more efficiency, Outerlimits has been researching carbon fiber and epoxy construction. After much investigation into this technology, Outerlimits made the decision to progress into post-cured epoxy construction technology. Outerlimits hired an engineering firm,



SP Technologies, that specializes in lamination engineering design. The design that was agreed upon required specialized equipment for implementation. Resin impregnators, which precisely control the uniform epoxy resin into fabrics were required, along with a computer controlled oven in which the completed hull or deck is post-cured before removing from the mold. Post-curing eliminates cosmetic problems that

can happen with epoxy resins. It also assures that the epoxy resin has cured com-

pletely to achieve 100 % of its design strength. The process includes complete vacuum bagging, not only the cores, but also the entire laminate. The epoxy construction method substantially reduces weight while increasing strength and rigidity. This technology allows for higher speeds with the same engines or the same speeds with smaller engines, while at the same time, achieving higher fuel economy.

At first, Outerlimits was looking to rent the equipment required to produce the first boat utilizing this new technology. They contacted Carroll Marine,

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### Outerlimits DVD

A DVD of the Outerlimits Anniversary Party is now available for purchase. See the party, your friends, the boats, and all the action. This is a perfect gift for any Outerlimits fan. And if you didn't attend, you can have a chance to see what a great event it was. The cost of the DVD is \$75. Contact Outerlimits for further information.