



MAILCALL

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We have consulted with a professor at Virginia Commonwealth University, here in Richmond, who specializes in hydrodynamics. His comment on the Volvo QL system is interesting wherein he points out that the QL approach creates pure drag as opposed to the Lectrotab approach which produces drag as well as an upward force which lifts the boat. The professor indicates that the QL approach trims the bow down when the drag at the rear of the hull creates a rotational force about the center of flotation, which is forward toward the middle of the boat. This rotation raises the stern and lowers the bow, using drag alone to create this rotational force.

Our approach also creates drag, which rotates the boat in the same way, but we also produce an upward force which rotates the boat as well. The professor thinks that our approach, where the rotational force to trim the bow down comes from our drag component as well as from our upward force component, so should be more efficient than using drag only. Interesting.

The final conclusion will have to be made by field testing which we hope to do this winter by replacing the 12" X 18" tabs on our 28' research vessel with 18" Volvo interceptor units.

More next week but let us hear from you in the meantime. Use mailcall@lectrotab.com for your reply. Our responses will continue to be very quick!

Best Regards,

L. Jeremy Crews
President