



Livorsi Marine's tri-color example of its multi-stepped trim tab showcases the increased aeration of the tab's surface.

that makes sense, just like stepped-bottom boats—faster and more efficient.'

"Due to how new these tabs are, we are just starting to get feedback," he continued. "The Wellcraft we did hydrodynamic testing on came to life with the new 30-inch stepped tabs. The boat was a different boat—the bow lifted and it ran flatter. We'll continue to gather data and publish it as we learn more."

For performance-based applications, the stepped design allows the tabs, which are available in two stepped running plate styles (square and fish tail), to release from and re-enter the water stream faster. Wendt said the increased aeration of the tab surface reduces drag and increases efficiency while providing increased fuel economy and performance. He also said that the stepped tabs were designed so they can be retrofit onto Livorsi's smaller 12-inch-wide transom plates or the standard 14-inch-wide Mercury transom plates.

Built for boats between 20 and 60 feet in length, the running plates are easily interchangeable between the 750, 850, 950, 1050 and 1150 versions, allowing for quick determination of the "right" running plate for the boat being designed or retrofit.

Company founder Mike

Stepping Forward

Livorsi Marine unveiled its patent-pending multi-stepped trim tabs, which come in two styles, at the Miami International Boat Show. **words** Jason Johnson

TWO YEARS AFTER

showcasing its new trim tabs at the Miami International Boat Show, Livorsi Marine is taking the trim tab to the next level with another "but of course" product. The Grayslake, Ill., company, which has created countless innovative products over the past three decades, announced two days before this year's boat show in Miami that it would be unveiling its new patent-pending Livorsi Marine 1150 trim tabs featuring a multi-stepped design.

As Livorsi Marine explained in its product release, stepped-bottom hulls, which have been around for decades, have proven that stepped-hull designs increase speed, reduce drag and improve

overall efficiency. Applying the same dynamics, Livorsi's new multi-stepped tabs introduce air via a number of different grooves, channels and steps, reducing the stickiness of a non-stepped tab design and making the tab more efficient.

Sounds logical, right? And, according to John Wendt, vice president and general manager of Livorsi Marine, the new tabs have been received positively since their introduction.

"The response has been overwhelmingly positive from OEMs as well as the media," Wendt said. "Once people saw the video of the stepped tabs introducing air to the hydrodynamic surface as they were designed to do, the lights came on and they said 'Ah,



SPOTLIGHT: LIVORSI MARINE

Livorsi said he expects to see strong demand from both the new and pre-owned boat segments.

“For customers looking to replace existing Mercury K-Planes, we offer a transom plate solution that uses a similar hole pattern,” Livorsi said. “That makes it nice when you can just remove the old set of tabs and use the same holes to bolt up the new Livorsi stepped tabs. On the OEM side, Livorsi provides a jig to make installation quick and easy. Our innovative smaller transom plate design allows builders to install one transom plate and easily switch between the different tabs, be it the 750, 850, 950, 1050 or the new 1150 stepped design, to determine



Livorsi's new trim tabs are available in two different stepped running plate styles—fish tail (below) and square.

which design makes the boat perform the best.”

Livorsi also said that underwater LED lights can be added to most trim tab models, which

can save rigging time for the long list of boat builders that utilize Livorsi Marine products as standard and/or optional equipment. **SOTW**

Livorsi Marine, 877-548-5900, www.livorsi.com, YouTube demo video



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