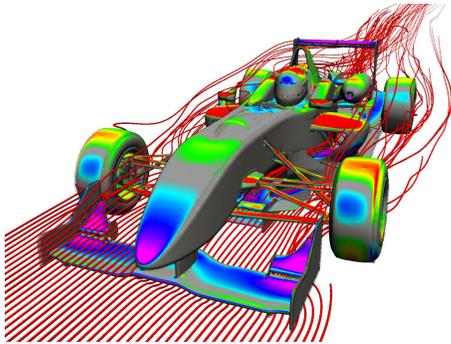


\*\*\*\*\* FOR IMMEDIATE RELEASE \*\*\*\*\*



**Porta Performance and TotalSim US team up to present  
at IBEX '22 High-Tech Educational Seminar Series**



TotalSim's winning open wheel CFD



Porta Performance's winning hull design

**July 31, 2022, New Smyrna Beach, FL;** Announced this week is the return of Porta Performance and TotalSim US teaming up to bring high-tech hull design secrets to all boat builders at IBEX '22 in Tampa, FL. September 27 – 29, 2021.

The theme of this year's technology seminar is: **"Improve or NOT improve next year's hull design?"** This seminar is squarely aimed at the boat builder asking the age-old question of, "Do I invest money in the hydrodynamics of my hull or just keep it status quo?" Cost plays a big part in the decision. Can boat builders actually sell more units by proving increased fuel efficiency, safety, handling and speed; or is it best to leave it alone and save money? The experts at **Perfect Storm** provide answers to those difficult questions. This seminar will be moderated by Aaron Porter, Editor of *Professional Boat Builder Magazine*.

**Scott Porta** of Porta Performance described it best, "Our old school boat builders take an existing mold, cut and paste new widgets on to it, pull a part and see how it performs. We can't do that anymore. In the marine industry we have been building boats with old fashioned methods way too long. We need to move toward design methods that our brothers in automotive have been using for years." He continues, "We found the time and expense of wind and water tunnels was too much for boat builders. Next, we looked for experts in CFD (Computational Fluid Dynamics). Once we understood the technology, we found CFD was exactly what we needed."

Scott says, "Speed exaggerates everything. If a design will work at 120 mph, it will work at 50 mph." He continued, "We need someone who understands high performance and marine technology. [TotalSim US](#) was chosen as the CFD technology partner for **Perfect Storm**. Not only does TotalSim's UK based sister company have extensive marine design experience, but the US component has deep roots in IndyCar, Formula One, NASCAR, and IMSA Sports Car aerodynamics. **Perfect Storm**, therefore, has "anchor technology tenants" with Porta Performance and TotalSim US at the helm.

**Naethan Eagles** leads the team for TotalSim US. He created the CFD Department for the BMW-Williams F1 Team. During his time there, he expanded the size and scope of the department, placing CFD at the heart of all aero development. Naethan has also served in aerodynamics R&D roles at Advantage-CFD, Rolls-Royce, among others. TotalSim US also designed the Honda aero kit that won the 100<sup>th</sup> running of the Indianapolis 500.

**Scott Porta** is the creator of Porta Performance, a division of Porta Products. With 11 national, world, and sanctioning body titles in offshore racing, Scott has developed a unique bottom design that provides universally better handling, faster speeds and greater control for any vessel. Many aspects of the Porta Performance running surface design is now being implemented by many high-performance boat manufacturers. Additionally, Scott brings 35 years of performance propulsion expertise with the creation and production of the Porta Hydraulic Transom Lift System.

**Scott** concludes, "These new tools of necessary hull improvement are part of a growing toolbox of knowledge targeted toward boat builders. Once understood and applied, an entire spectrum of talent, experience and technology is available to each new model for each builder."

#####

#### **About Perfect Storm Technology, Inc.**

Perfect Storm Technology, Inc. is the assembly of the world's best automotive and boat racing experts in the art of CAD and CFD (Computational Fluid Dynamics). Scott Porta found the term Perfect Storm as a description of the perfect storm of technology necessary to positively improve a hull's running surface. Thus, Perfect Storm Technology, Inc. was born. Experts and companies from around the world will be available to boat builders as an ala-cart offering of high-tech design services. Perfect Storm Technology, Inc. is now offering specifically licensed hulls to boat builders.



**Scott Porta, Porta Performance, Division of Porta Products Corporation**

#### **About Porta Performance, division of Porta Products:**

Porta Products Corporation was founded in 1980 by Scott Porta. The Company has grown into a diversified facility housing several established marine manufacturers and providing "incubator" services to companies just getting started. Porta's primary product is the unique [Porta Hydraulic Transom Bracket](#), a one-of-a-kind product in terms of vertical travel and number of motors accommodated. Porta Performance, a division of Porta Products Corporation, was created to design high tech methods to improve the marine industry.



**Naethan Eagles, Principal, TotalSim US**

**About TotalSim US:**

TotalSim US was founded in 2009 as a full-service computational fluid dynamics (CFD) consulting and solutions group that provides decades of engineering knowledge and insight to clients in the automotive, racing, aerospace, and industrial industries. It is headquartered in Dublin, Ohio, with a West Coast office in Pasadena, California. TotalSim US was founded as a sister company to TotalSim Ltd. in Brackley, England

*For additional images or information please contact:*

**Clay Ratcliffe**

Media: 386-589-8848

Office: 386-428-7417

*engineering@portaproducts.com*

[www.portaproducts.com](http://www.portaproducts.com)