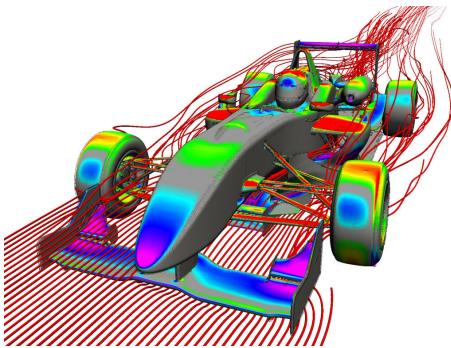


***** FOR IMMEDIATE RELEASE *****



Porta Performance and TotalSim US team up to form PERFECT STORM



[TotalSim's](#) winning open wheel CFD



[Porta Performance's](#) winning hull design

September 1, 2021, New Smyrna Beach, FL; The IBEX Show, September 28th-30th, in Tampa has been chosen as the platform to announce a new High-Tech collaboration to the marine industry: **PERFECT STORM**.

Perfect Storm is the combination of the world's best automotive and boat racing experts in the art of CAD and CFD (Computational Fluid Dynamics). *Professional BoatBuilder* magazine reached out to **Scott Porta** of Porta Performance for a collection of experts in boat and auto racing for its article on advanced hull design. That gave birth to an idea: build a collective of highly experienced experts in other fields, put them together, and they will come.

Scott Porta said 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. We in the marine industry 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 canvassed the entire US for wind tunnel technology, and we found the time and expense required was too much for boat builders. Next, we looked for experts in CFD (Computational Fluid Dynamics) to see if that might be a solution for us. Once we understood the technology, we found CFD was exactly what we needed."

Perfect Storm needed partners not only with marine expertise but also well versed in high performance. Speed exaggerates everything. If a design will work at 120 mph, it will work at 50 mph. [TotalSim US](#) was chosen as the CFD partner for **Perfect Storm**. Not only does its 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 its "anchor 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 100th 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, "The technology team is quickly growing. Our goal for **Perfect Storm** is to become the leading hydrodynamic/aerodynamic force in the marine industry. These initial unions are the foundation of a growing "toolbox" of knowledge targeted mostly at the marine industry giving manufacturers an entire spectrum of talent, experience and technology for aerodynamic/hydrodynamic performance, comfort, and safety."

#####



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