

Perfect Storm News

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01 August 2023 – Perfect Storm Technology, Inc., a leading marine technology company based in New Smyrna Beach, FL, is proud to announce groundbreaking advancements in the science of shock mitigation for pursuit and patrol vessels. Through the addition of new strategic partnerships with high-tech marine service and product providers, **Perfect Storm** is paving the way for boat builders to employ safer, more comfortable, and efficient marine operations in challenging environments.

Safety and comfort during high-speed marine operations have always been paramount concerns for the maritime industry. In response to this crucial need, **Perfect Storm** has joined forces with hand selected high-tech marine industry leaders, each contributing their advanced expertise to address the multifaceted challenges of shock mitigation.

Perfect Storm Partners:

- **Hefring Marine**: "Hefring Marine is an Icelandic maritime technology company. Their IMAS solution is an AI-driven tool that provides real-time operating guidance vessel motion and instrument data to improve safety and efficiency on board. The system analyses conditions ahead, providing operators with optimized speed guidance to minimize exposure to shocks and impacts, or to optimize fuel consumption for prevailing conditions. All data is collected to the IMAS Cloud Console, an intuitive fleet monitoring platform built to perform safety, efficiency and lifecycle analysis and reporting."
 - **CONTACT: Karl Birgir Björnsson**, KarlBirgir@HefringMarine.com, +354+649+9997
- **Livorsi Marine**: Specializing in shock mitigating high-performance trim tabs, Livorsi Marine's advanced trim tab solutions aid in stabilizing vessels and reducing the impact of waves and rough waters, further enhancing overall vessel performance.
 - **CONTACT: Mike Livorsi**, MLivorsi@Livorsi.com, 847-752-2710
- **Porta Performance**: Specializing in shock mitigating high-tech vessel hull forms, Porta Performance contributes invaluable insights to create hulls that can handle rough waters effectively, enhancing vessel stability, crew comfort and performance.
 - **CONTACT: Scott Porta**, Scott@PortaProducts.com, 386-428-7417
- **Porta Products**: Providing shock mitigating hydraulic transom brackets, Porta Products ensures propulsion systems are protected, allowing vessels to maintain peak performance even in challenging conditions.
 - **CONTACT: Shannon Mayfield**, Info@PortaProducts.com, 386-428-7417
- **Skydex**: With expertise in shock mitigating floor materials, Skydex develops materials that absorb and disperse impacts, protecting crew members and equipment from jolts and vibrations.
 - **CONTACT: Renee St. Lawrence**, RStLawrence@Skydex.com, 866-732-7462

- **Structural Composites:** Experts in shock mitigating vessel structures, Structural Composites focuses on designing and implementing robust structures that effectively dissipate the impact of waves and rough waters, reducing stress on vessels and enhancing crew safety.
 - **CONTACT:** Scott Lewit, SLewit@StructuralComposites.com 321-951-9464
- **TMS Group:** Focusing on shock mitigating human factors testing, TMS Group conducts extensive testing and analysis to optimize vessel designs for human comfort and safety, contributing to crew well-being during demanding operations.
 - **CONTACT:** Keith Hubble, KeithHubble@TMSGGroupUSA.com 757-880-0917
- **TotalSim US:** By providing shock mitigating hydrodynamics and aerodynamics solutions, Total Sim US optimizes vessel designs for maximum performance, minimizing the effects of shocks and vibrations during high-speed operations.
 - **CONTACT:** Naethan Eagles, info@totalsim.us 614-255-7426
- **Ullman Dynamics:** The world leader in suspension seat and console technology and innovation, pioneering the field of human factors onboard high speed boats since 1998. With both lateral and vertical impact mitigation in excess of 20g of force and Zero injuries reported, Superior comfort – and unmatched reduction of physical fatigue, Ullman seats are the safest in the world consistently ensuring the safety and wellbeing of high-speed boat operators worldwide.
 - **CONTACT:** Ronald Carpenter, Ron.Carpenter@UllmanDynamics.com 757-286-8403

Perfect Storm's relentless pursuit of innovation and commitment to customer-centric solutions have already made a significant impact on the maritime industry. Their collaborative approach enables them to deliver comprehensive and cutting-edge shock mitigation solutions tailored to meet the unique demands of our pursuit and patrol vessel fleets.

"Through our targeted strategic partnerships, we are leading the charge in revolutionizing shock mitigation technology for pursuit and patrol vessels," said Scott Porta, President of **Perfect Storm Technology, Inc.** "Our mission is to ensure the safety and comfort of crew members during critical marine operations, and these collaborations bring us one step closer to achieving that goal."

For more information or images regarding **Perfect Storm's** new technical partners and their pioneering shock mitigation solutions, call or email:
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