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## **PRESS RELEASE**

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### **Revolutionary Underwater Transducer Structures Nominated as Finalist for the 2023 R&D 100 Awards**

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**Littleton, MA, October 12, 2023 – MSI Transducers Corp.**, MSI Transducers Inc., is proud to announce along with our partners MITRE and Lithoz America LLC that their innovative project, "Novel Underwater Transducer Structures Using Additive Manufacturing," has been selected as a finalist for the esteemed 2023 R&D 100 Awards. The R&D 100 Awards, now in their 61st year, are a globally recognized celebration of science and innovation, showcasing groundbreaking advancements from across the world.

The distinguished judging panel, comprised of 45 industry professionals from around the globe, carefully evaluated entries from 15 different countries and regions. Out of the 156 Finalists, MSI Transducers Inc., MITRE, and Lithoz America LLC's collaborative project stood out as a pioneering achievement in underwater technology.

These underwater transducer structures, created through cutting-edge additive manufacturing techniques, promise to redefine the field of underwater acoustics. Some of the remarkable features and benefits of this project include:

**Exceptional Acoustic Performance:** The transducer structures demonstrate superior acoustic performance, enabling enhanced underwater communication, navigation, and sonar capabilities.

**Customizable Designs:** Additive manufacturing allows for intricate and tailored transducer designs, making them suitable for a wide range of underwater applications, including defense, marine research, and ocean exploration.

**Reduced Lead Times:** The use of additive manufacturing significantly reduces production time, making these advanced transducers more accessible to meet industry prototyping needs.

**Sustainability:** Embracing sustainable manufacturing practices, this project minimizes waste and energy consumption, contributing to environmental responsibility.

"We are truly honored to have our project recognized as a finalist for the 2023 R&D 100 Awards," said Brian Pazol, Vice President of Engineering at MSI Transducers Inc. "This collaboration with MITRE and Lithoz America LLC showcases the transformative potential of additive manufacturing in the underwater technology sector, and we are excited about the positive impact it will have across various industries."

The 2023 R&D 100 gala banquet, where the winners will be celebrated, is scheduled to take place in San Diego on November 16th.

See article here: <https://www.rdworldonline.com/rd-100-finalists-for-2023-are-announced/>

#### About MSI Transducers Corp.

MSI Transducers specializes in custom transducers and arrays for both commercial and defense markets. MSI's broad design and manufacturing capabilities has enabled us to build everything from state-of-the-art synthetic aperture sonars...to low cost commercial arrays. MSI is here to help you turn your idea into a design, or manufacture your build to print product, in piezocomposite, solid ceramic, or any other material to meet your performance needs.

For more information on MSI, please visit [www.msitransducers.com](http://www.msitransducers.com).

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