

Capability Statement

Business Summary

Palaemus Oceanic, LLC is an ocean technology company focused on developing improved maritime sensing instruments for defense, research, and commercial applications. We work with complimentary businesses, research institutions, and prime contractors to bring novel technologies to the field in order to improve the quality and volume of data collected. With a focus on power, communications, materials, and efficiency in manufacturing, we seek to leverage cutting edge technologies to advance our understanding of the sea for oceanography, defense mission planning, and maritime safety.

Core Competencies

Our capabilities are derived from years of experience in the defense industry, focused on maritime applications and working alongside prime contractors. We have worked on everything from one-off prototypes to full-volume production.

Conceptual Design - notional models to communicate the broad outlines of function and form

Engineering - sorting out the technical concerns through detailed design

Systems Engineering - fully defining the requirements & ensuring all parts of the system work together seamlessly

Technology Transfer - taking novel technologies from academia/research to the field of maritime sensing

Prototype - building an early, physical model to further refine the concept

Test - verifying the system meets requirements and provides the data needed

Past Performance

Compact, Covert Periscope - H92222-12-C-0059 (Individual Contributor for 3Phoenix, Inc.)

TB-29A Towed Array Reliability Upgrade - N00024-14-C-4043 (Individual Contributor for 3Phoenix, Inc)

MK710 Torpedo Systems Test Set - N66604-13-C-1026 (Individual Contributor for Ultra Electronics Ocean Systems)

AN/BVY-1 - Integrated Submarine Imaging System AUX Display and Shipboard Electronics Enclosures (Individual Contributor for 3Phoenix, Inc.)

Cage Code: 90C86 | DUNS Number: 117978078 | NAICS Codes: 541715, 334511, 541330

Differentiators

We have considerable experience working with prime contractors as an extension of their engineering team, as well as researchers developing novel concepts. Situated in the Research Triangle region of North Carolina and just two hours from the coast, we can leverage our resources of local engineering talent and complimentary business relationships to add to the capabilities of partners and prime contractors. By bridging the gap between research and practical application, we bring cutting edge technologies to the field.