

Circadian Positioning Systems, Inc. | Newport | \$75,000 | Knowledge Provider Voucher |

With voucher funding, Circadian Positioning Systems will partner with Brown Health to conduct testing of their proprietary Circadian-Targeted Lighting System (CLTS) on a National Oceanic and Atmospheric Administration (NOAA)/US government vessel. The CLTS is designed to mitigate fatigue due to circadian misalignment.

Deep Blue Composites, LLC | Bristol | \$75,000 | Manufacturing Voucher | Deep Blue

Composites will validate a multi-axis filament winding process, correlating its output to simulation-driven predictions of mechanical performance for structural composite tubes. The goal of this R&D is to enable data-driven, scalable designs for manufacturing, and reduce the number of physical iterations while increasing accuracy and repeatability.