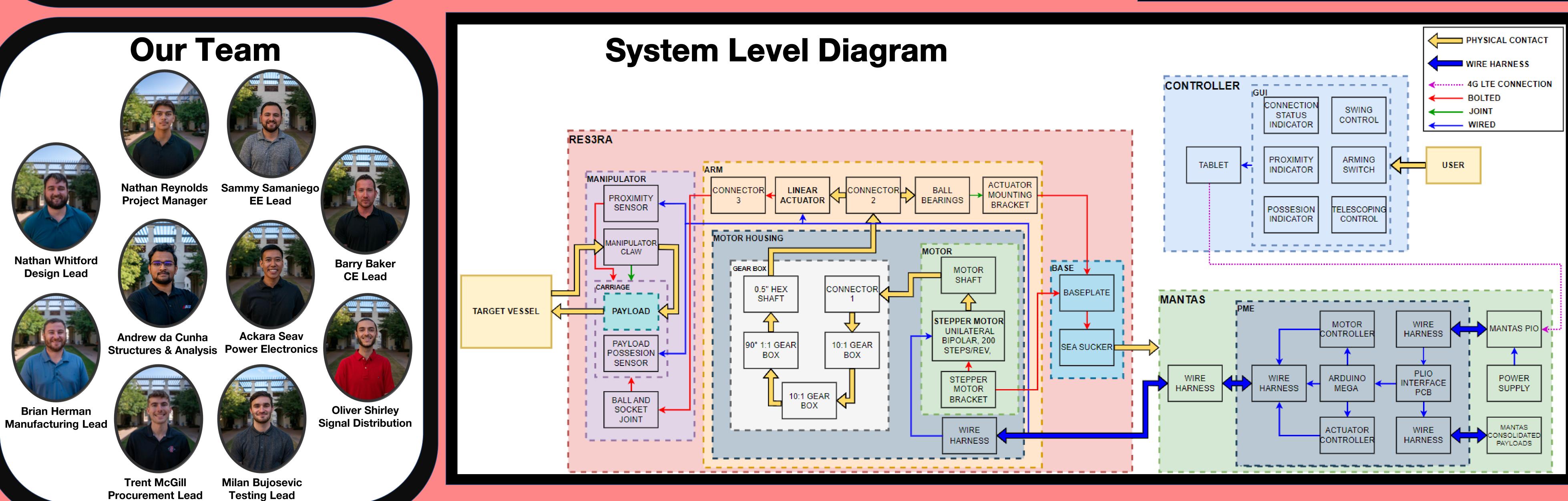
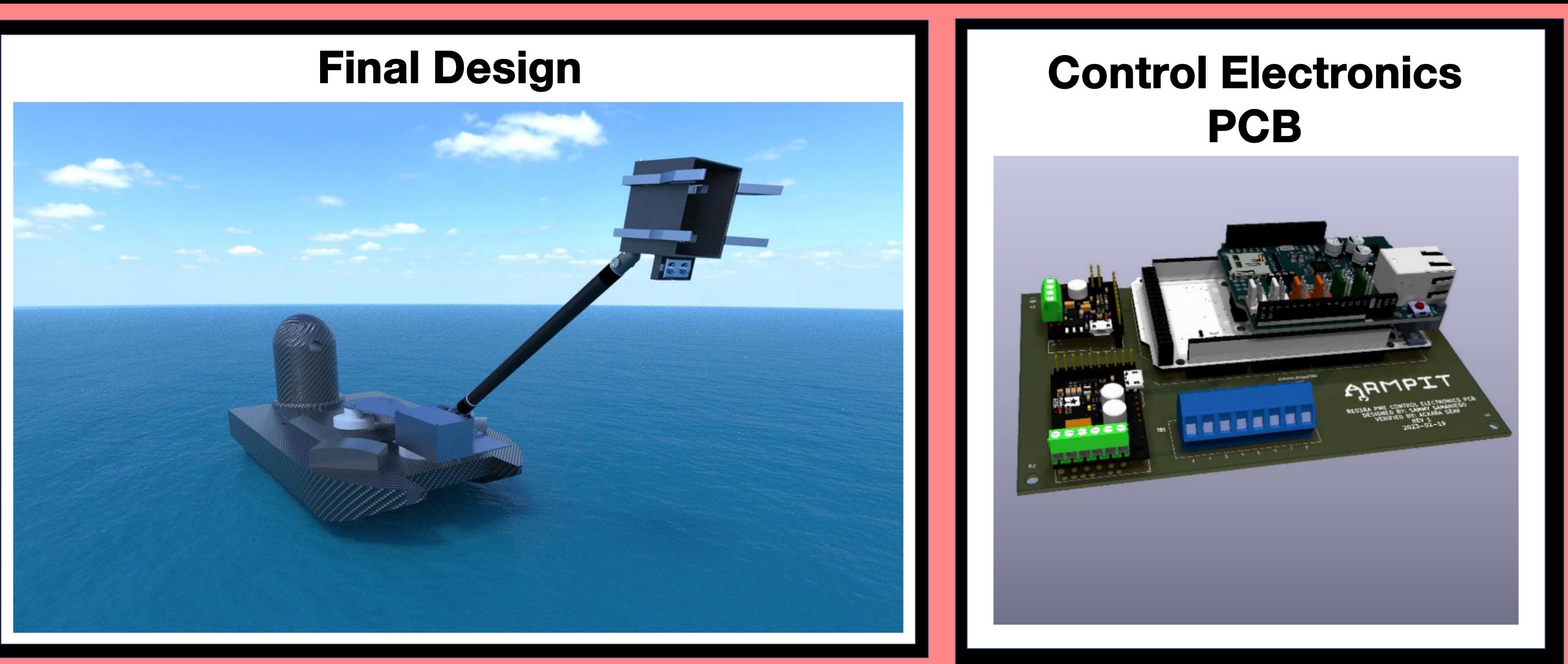
## **Rapid Expeditionary Security Surveillance Solution Retractable Arm A**RMPIT College of Engineering Booz | Allen | Hamilton **Troops to Engineers**

# **Project Overview**

RES3RA is a deck-mounted attachment for Booz Allen Hamilton's MANTAS (Man-Portable Tactical Autonomous System). MANTAS is an 8-foot unmanned surface controlled remotely by two vessel operators. RES3RA will be mounted on the bow of the MANTAS. The removable attachment will enhance the unmanned surface vessel's ability to perform surveillance reconnaissance and missions. By working in tandem with MANTAS, RES3RA will be able to mitigate the need for manned reconnaissance of this nature.



Sponsor: Mr. Alan Kolackovsky, Booz Allen Hamilton, Troops to Engineers, SDSU Advisors: Dr. Scott Shaffar and Dr. Barry Dorr, SDSU





Spring 2023