



Advanced Inertial Reference Unit (aIRU)



Project Objective: To keep aIRU operational at NPS for the use by the students and improve its performance

Research/Thesis Topics:

- To make it operational by designing new scoring system
- Perform review of previous development efforts with IRU
- Upgrade jitter control and mode control techniques from classical to adaptive filters and compare the performance.
- Provide optical cage control by using feedback from optical detector

Experimental Test bed

