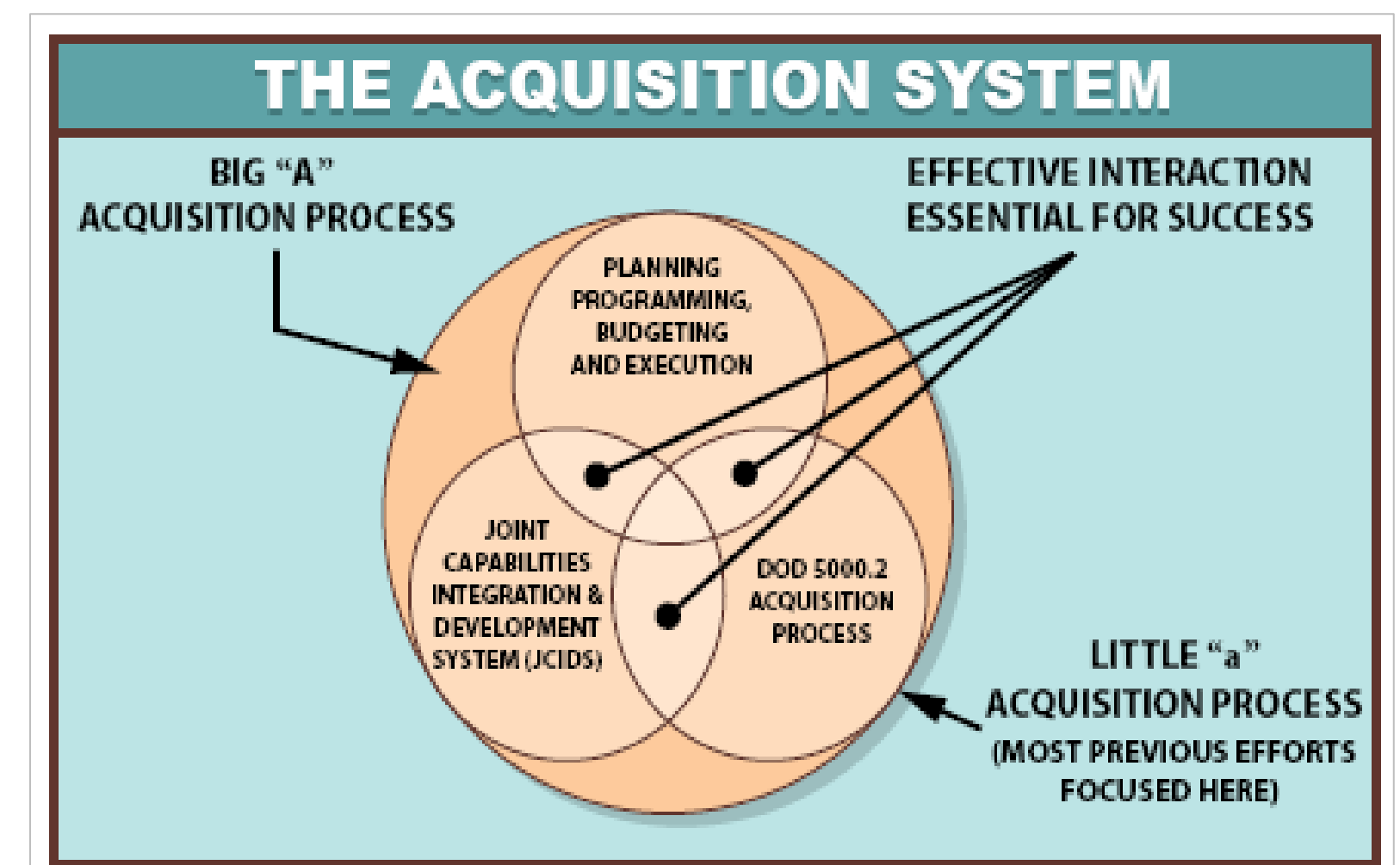


## Abstract

The purpose of this research is to analyze the differences between Navy acquisition processes of the United States and Taiwan using a case study approach. The methodology compares acquisition systems in the U.S. Navy (USN) and Republic of China Navy (ROCN) using specific naval acquisition programs. The researcher identifies that both countries establish similar structures of the acquisition system, however, the U.S. acquisition system is overall more complete and systemic than Taiwan's system. As for the implementation, the U.S. Navy made several mistakes caused by the experimental acquisition strategy in the process of the LCS program, whereas Taiwan adopted a more conventional approach for the Tuo Chiang-class corvette program hence mitigated the risk. Recommendations for the United States include to conduct sufficient analysis before taking experimental approaches and value the importance of requirement identification, test and evaluation. In contrast, Taiwan needs to complete its acquisition regulations to cover the process of a program from the beginning to the end and organize them in a systemic manner. Moreover, the test and evaluation processes should not be ignored with the desire to expedite the progress of a program. Finally, Taiwan also needs to develop strategic guidance which directs the requirement identification for farther future.



## Methods

- Case study (USN LCS program and ROCN Tuo Chiang class corvette program)
- Gathering information from news, government reports, instructions and other researches.



USN LCS

ROCN Tuo-Chiang corvette

## Results

- The U.S. Navy should conduct more thorough risk assessment and feasibility analysis before taking experimental acquisition strategies
- The U.S. Navy should focus on capability over other targets
- The U.S. Navy should take T&E processes seriously
- The Taiwan Navy should establish a more complete acquisition guidance system that covers all processes of a system's lifecycle
- The Taiwan Navy should not ignore the importance of T&E when expediting the program
- Taiwan needs to develop strategic guidance that covers the prediction of threats and capability gaps for more years to come