NRAC

TERMS OF REFERENCE
SPECIFIC TASKING

1. **Review Current Utilization of DON Modeling and Simulation**
2. **Evaluate the Strengths and Weaknesses of Modeling and Simulation Technologies**
3. **Recommend Specific Related Research Areas For DON Investments**
4. **Identify Key Areas that Would Benefit from an Investment in Modeling and Simulation**
5. **Identify Candidate Demonstration Projects**

III.   TERMS OF REFERENCE/ SPECIFIC TASKING

GENERAL OBJECTIVE

Assess the importance of high fidelity models and Advanced Distributed Simulation technologies to enhance the Department of the Navy test and evaluation and acquisition programs.

BACKGROUND

The current world political environment presents the DON with a series of new challenges. The DON will be required to carry out a diversified list of missions with a smaller force and reduced budgets. Reduced budgets will impact the methods for evaluating new systems and operational concepts. The DON will have to find more efficient and less costly ways to refine requirements, evaluate solutions, and refine system designs. Advances in modeling capabilities and ADS technologies offer significant opportunities for responding to these challenges.

SPECIFIC TASKING

(1)   Review current utilization of DON M&S/ADS.

(2)   Evaluate the strengths and weaknesses of M&S/ADS technologies from DON perspective.

(3)   Recommend specific research areas related to M&S/ADS technologies that warrant DON investments.

(4)   Identify key areas that would benefit from an investment in M&S/ADS.

(5)   Identify candidate demonstration projects to evaluate M&S/ADS utility.