TERMS OF REFERENCE

NAVAL RESEARCH ADVISORY COMMITTEE PANEL ON U.S. MARINE CORPS COMMAND AND CONTROL SYSTEMS INTRA/INTEROPERABILITY

Marine Corps command and control systems must intraoperate within the Marine Corps and interoperate with the tactical and strategic command and control systems of other services during joint and combined operations. Increasing automation coupled with the diversity of command and control systems throughout the services continue to complicate efforts to achieve effective intra/interoperability. It is proposed that the Naval Research Advisory Committee examine the command and control requirements of Marine Corps forces in the near and mid-term and make recommendations, as appropriate, to enhance Marine Corps command and control system intra/interoperability capabilities. The study should:

1. Review the command and control intra/interoperability requirements of Marine Corps forces in the near and mid-term with emphasis on joint naval operations.

2. Examine Marine Corps intra/interoperability concepts, management procedures, command and control system architectures and program plans to identify potential problems and alternative solutions. Issues of particular interest are:

   a. Interoperability of Marine Corps Tactical Command and Control Systems (MTACCS) with Navy shipboard command and control systems.

   b. Employment of the Joint Tactical Information Distribution System (JTIDS) in the Marine Air Command and Control Systems (MACCS).

   c. The definition of required interfaces for the Marine Integrated Fire and Air Support System (MIFASS).

   d. The definition of required interfaces for the Tactical Combat Operations (TCO) System.