



DEPARTMENT OF THE NAVY
OFFICE OF THE CHIEF OF NAVAL OPERATIONS
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APL Technical Digest: Navy Command, Control, and Communications Issue

Foreword

Command, Control, and Communications (C³) crosses all warfare area boundaries and is critical to all aspects of Navy operations. For 10 years, The Johns Hopkins University Applied Physics Laboratory has supported the Navy in the C³ area. In particular, the Laboratory has concentrated in the functional areas of systems development, systems analysis, C³ architecture, integration, communications modeling, simulation, and testing of C³ equipment and concepts. Recently, the Navy has called on the Laboratory to provide major support to the system engineering and integration of surveillance as applied to command and control.

The Laboratory's broad background in C³ was of major assistance to Navy planners in the formulation of the Navy Command and Control Plan. The plan presents a functional architecture and a conceptual system description of the Navy command and control system and, over a 10-year period, establishes an implementation strategy and time-phased plan for achieving and maintaining effective Navy strategic and tactical command and control.

The perspective gained in these efforts has permitted the Laboratory to make significant contributions to command, control, and communications, and the following articles describe a few of these achievements.

It is my pleasure to introduce the Command, Control, and Communications issue of the APL Technical Digest and wish the Laboratory well in future C³ endeavors.

A handwritten signature in black ink, appearing to read "G. R. Nagler", is positioned above the typed name and title.

G. R. Nagler
Vice Admiral, U.S. Navy
Director, Command and Control
Office of the Chief of Naval
Operations