

The Johns Hopkins APL Technical Digest

This is the first issue of an expanded publication that will report regularly on activities of staff members of the Applied Physics Laboratory (APL) and of their collaborators elsewhere. Volume 1, Number 1 of the *Johns Hopkins APL Technical Digest* mainly describes programs of the APL Research Center, which was recently renamed the “Milton S. Eisenhower Research Center” in honor of the eighth president of The Johns Hopkins University.

Because the events connected with the Research Center dedication were unique, this issue is atypical of what to expect in the future. However, it contains the outlines of what is planned. Whenever possible, each future issue will concentrate on the work of a major technical division of APL (fleet defense, advanced engineering, space science and satellite technology, ocean science and technology) or on one of the currently active R&D areas (such as energy and safety, biomedical systems, basic research).

Much of the technical content of each issue will be the responsibility of a guest editor who is invited by the Editorial Board to organize that issue along the lines of a designated theme. The first theme, “The Milton S. Eisenhower Research Center,” will be followed in succeeding issues by “The Earth Magnetic Field Satellite (MAGSAT)” and “Renewable Energy, Conservation, and Safety.”

This publication will also report on other than specific thematic matters. These might include observations brought back by laboratory participants at conferences, discussions of unusual instruments and facilities, and views of staff members on matters of current concern. A “Research and Development Updates” section will describe recent activities that should be brought to the attention of readers as soon as possible after they have occurred.

We intend to present contributions from APL in such a way that the objectives, directions, and interconnections of the technical tasks can be understood and appreciated. We invite readers to comment on how well these goals are being met.

WALTER G. BERL
Chairman, Editorial Board