

DAEDALEAN ASSOCIATES, Incorporated

TECHNICAL REPORT

PRELIMINARY TESTING RESULTS FOR
THE APPLICATION OF A NONDESTRUCTIVE
EVALUATION TECHNIQUE UTILIZING THE
PHENOMENON OF INTERNAL FRICTION FOR
DETECTING CRACK FORMATION IN A SCALE
MODEL OF AN OFFSHORE STRUCTURE

Submitted to:

Office of Naval Research
Code 474
Arlington, Virginia 22217

by

D. C. Fresch,

L. L. Yeager,

A. A. Hochrein, Jr.,

and

A. P. Thiruvengadam

The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the Office of Naval Research or the U. S. Government.

DAI Report No. DF-7763-001-TR

September 1978