

## EXECUTIVE SUMMARY

In June of 1983 a multi-agency cruise was made aboard the EPA ship OSV ANTELOPE to the Portland Disposal Site south of Casco Bay. The purpose of this cruise was to determine the environmental effects of disposal operations in the area. This was to be accomplished by conducting side scan sonar and underwater TV observations and by measuring the concentrations of contaminants in water, sediment, benthic biota and in local lobster populations.

The role of Science Applications, Inc. (SAI) on this cruise was twofold. Principally, SAI was to provide coordination between this cruise and previous DAMOS studies, by providing navigational support to insure that the sampling occurred at relevant locations, and secondly, to assist the scientific crew in the sampling effort.