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Oil Pollution Detection, Monitoring and Law Enforcement
Quarterly Progress Report, February 1975

EREP Investigation 417
NASA Contract NAS9-13281

Prepared by

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This report covers progress during the eighth quarter of Contract NAS9-13281, "Evaluate Skylab EREP Data for Oil Pollution Detection, Monitoring and Law Enforcement", EREP No. 417. The work is being conducted in the Infrared and Optics Division of the Environmental Research Institute of Michigan, under the general supervision of Mr. R. R. Legault. The principal investigator is Mr. R. Horvath.

During this period the technical efforts again resumed after receipt of the S-192 data tapes. The area of primary interest at this time was the Gulf of Mexico.

Because of the low reflectivity of both water and oil on water, a good understanding of the statistical properties and quality of the S-192 tape data is necessary. This analysis was initiated during this period.

The statistical analysis is expected to be completed early in the next time period, as well as any oil slick identification on the areas that show promise. The final report will also be started during the next period.

Respectfully submitted,

Robert Horvath
Principal Investigator

APPROVED BY: Paul Rice for
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RH:RRL:dac