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Oil Pollution Detection, Monitoring and Law Enforcement  
Quarterly Progress Report, February 1974

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Oil Pollution Detection, Monitoring and Law Enforcement  
Quarterly Progress Report, February 1974

This report covers progress during the fourth 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.

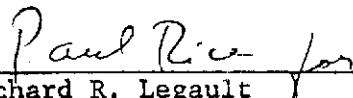
An extensive review of U. S. Coast Guard and EPA pollution report files was undertaken near the end of the report period. The purpose of this review was to identify whether any significant oil slicks were present in areas and at times coincident with EREP data takes. It was found that no confirmed coincidences exist. Thus, it now appears that we may not be able to obtain EREP data from known and documented oil slicks for analysis.

In the absence of documented slicks, a possible alternative approach is to attempt to locate unreported slicks by interpretation of available EREP data. This could be attempted by utilizing available data from areas wherein a high probability for slicks exist. For example, areas of natural oil seepage in the Gulf of Mexico and along the coast of southern California would be appropriate. This approach will be evaluated during the next quarterly period.

Respectfully submitted,

  
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