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INFRARED AND OPTICS DIVISION

12 June 1973

101800-4-L

E73-10796  
CR-133207

National Aeronautics and Space Administration  
Johnson Space Center  
Principal Investigator Management Office  
Houston, Texas 77058

Attention: Mr. Timothy White/TF6

Subject: First Quarterly Progress Report, 7 March through 31 May 1973  
Contract NAS9-13281

Gentlemen:

The subject contract covers an investigation whose objective is to demonstrate and evaluate oil pollution detection and monitoring from space utilizing sensors or the Earth Resources Experiment Package of SKYLAB. Complementary funding for the technical effort is being provided by the U. S. Coast Guard under Contract DOT-CG-24,063-A. All technical aspects of the program are being fully reported to both NASA and the Coast Guard.

PROGRESS

No significant technical progress was achieved during the reporting period. We are still awaiting word concerning the format of the S-192 CCT's that we might expect. In his letter of 14 May 1973 to Mr. Timothy White, Fred Thomson of ERIM indicated that the format described on page 6.0-17 of PHO-TR543 (Earth Resources Data Format Control Book), Volume 1 would be preferred to the format described on page 6.0-16 of that document.

PLANS

During the next quarter, it is expected that final definition of the S-192 CCT format will be provided, and that the necessary formatting programs will then be written at ERIM. Also, it is planned that efforts will be initiated and substantially completed for modification of the atmospheric radiative transfer model to allow calculations using maritime haze phase function.

(E73-10796) DETECTION AND MONITORING  
OIL POLLUTION FROM SKYLAB ERIP SENSORS 1  
Quarterly Progress Report, 7 Mar. - 31  
May 1973 (Environmental Research Inst. of  
Michigan) 2 p. HC \$3.00  
CSCI 08H  
63/13  
Unclas  
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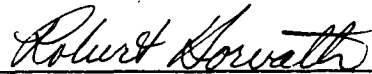
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## TRAVEL

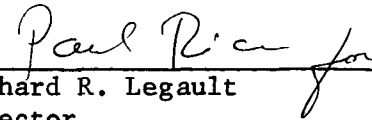
No travel was accomplished under this contract during the reporting quarter. No firm plans exist for travel during the next quarter.

Respectfully submitted;



Robert Horvath  
Principal Investigator

APPROVED BY:



Richard R. Legault  
Director  
Infrared and Optics Division

RH:RRL:bae