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FIRST BI-MONTHLY PROGRESS REPORT
UNIVERSITY OF ALASKA
ERTS PROJECT 110-9
September 30, 1972

E72-10132
CR-128186

- A. CIRCULATION OF PRINCE WILLIAM SOUND
- B. ROBIN D. MUENCH/GSFC ID UN 614
- C. PROBLEMS IMPEDING INVESTIGATION: Project has not yet received any ERTS or aircraft data from NASA.
- D. PROGRESS REPORT:
 - 1. Accomplishments during reporting period:

MSS and IR data were obtained from a NASA NP-3 aircraft flight over the study area in mid-July. Water surface temperatures were measured in portions of the study area to serve as baseline data for IR information obtained during the flight.

Water temperatures and salinities, useable as baseline data, were obtained from a research vessel operating in the study area during 11-12 September 1972. These data are currently in the preliminary stages of processing prior to analysis.
 - 2. Plans for next reporting period:

During the next reporting period, analyses of the satellite and aircraft data will be initiated. A cruise into the study area to obtain further baseline data is planned for November 1972.
- E. SIGNIFICANT RESULTS: (see separate page)
- F. PUBLICATIONS: None during reporting period.
- G. RECOMMENDATIONS: None.
- H. CHANGES IN STANDING ORDER FORMS: None.
- I. ERTS IMAGE DESCRIPTORS FORMS: No forms are submitted because no ERTS data have been received.
- J. DATA REQUEST FORMS: None.

(E72-10132) CIRCULATION OF PRINCE WILLIAM SOUND Bimonthly Progress Report R.D. Muench (Alaska Univ., College.) 30 Sep. 1972 2 p CSCL 08H N72-32380 Unclas G3/13 00132

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PRINCIPAL INVESTIGATOR: Robin D. Muench

TITLE OF INVESTIGATION: Circulation of Prince William Sound

DISCIPLINE: Marine resources and ocean surveys

SUBDISCIPLINE: Surveys of current and ocean dynamics; estuary dynamics.

SUMMARY OF SIGNIFICANT RESULTS:

During the first reporting period no ERTS or aircraft data were received for this project. Activities were restricted to ground-based and airborne data acquisition, and to preparations for analysis of data. Therefore, there are no significant scientific, practical or operational results to report.

