



ENVIRONMENTAL SENSITIVITY INDEX AS APPLIED TO
THE SHORELINE OF SHELIKOF STRAIT, ALASKA

- | | |
|--|--------------------------|
| 1. EXPOSED ROCKY HEADLANDS | TYPE OF ORGANISM |
| 2. WAVE-CUT PLATFORMS | MAMMALS |
| 3. FINE/MEDIUM-GRAINED SAND BEACHES | BIRDS |
| 4. COARSE-GRAINED SAND BEACHES | FISHES |
| 5. EXPOSED TIDAL FLATS (LOW BIOMASS) | SHELLFISH |
| 6. MIXED SAND AND GRAVEL BEACHES | NUMBER INDICATES SPECIES |
| 7. GRAVEL BEACHES | SEASONALITY |
| 7a. EXPOSED TIDAL FLATS (MODERATE BIOMASS) | ANADROMOUS FISH RUN |
| 8. SHELTERED ROCKY SHORES | RANGE |
| 9. SHELTERED TIDAL FLATS | POINT LOCALITY |
| 10. MARSHES | SOCIOECONOMIC DATA |
| □ → STATION LOCATIONS | MINING CLAIMS |
| | FOREST PRESERVES |
| | ARCHAEOLOGICAL SITES |
| | LANDING STRIPS |
| | PRIVATE LANDS |
| | GENERAL LOCATION |
| | TIDAL LEASE SITE |

ESI MAP # 28

Mapped, edited, and published by the Geological Survey
Control by USC&GS and USCE

rpi inc.
Research Planning Institute, Inc.
925 Gervais Street
Columbia, South Carolina, USA 29201
(803) 256-7322

APPROXIMATE MEAN
DECLINATION, 1955



CONTOUR INTERVAL 100 FEET
DASHED LINES REPRESENT 50 FOOT CONTOURS
DARTON IS MEAN SEA LEVEL
DEPTH CURVES IN FEET, DARTON IS MEAN LOWER LOW WATER
SPECIFIC GRAVITY REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE BOUND OF THIS IS APPROXIMATELY 10 FEET
FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA FEDERAL CENTER, DENVER 2, COLORADO WASHINGTON 25, D.C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



**ESI MAP
#28**

KARLUK (C-4 AND C-5), ALASKA
N5730—W15516.1/15X23.9

1951

PRIMARY SOURCES OF BIOLOGICAL DATA
BIRDS: ADF&G (1976a), ADF&G (1977a), ADF&G (1977b), SOWLS et al. (1978), LENSINK (1978)
MAMMALS: ADF&G (1976a), CALKINS & PITCHER (1977), MERCER (1977), ADF&G (1977b)
FISH: ADF&G (1976b), ADF&G (1977a), ADF&G (1977b)
SHELLFISH: ADF&G (1976b), ADF&G (1977a), ADF&G (1977b), KAISER (1977)

PREPARED FOR
BUREAU OF LAND MANAGEMENT
ANCHORAGE, ALASKA
AND
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
OUTER CONTINENTAL SHELF ASSESSMENT PROGRAM
JUNEAU, ALASKA

PREPARED BY
RESEARCH PLANNING INSTITUTE, INC.
925 GERVAS STREET
COLUMBIA, SOUTH CAROLINA
803-256-7322