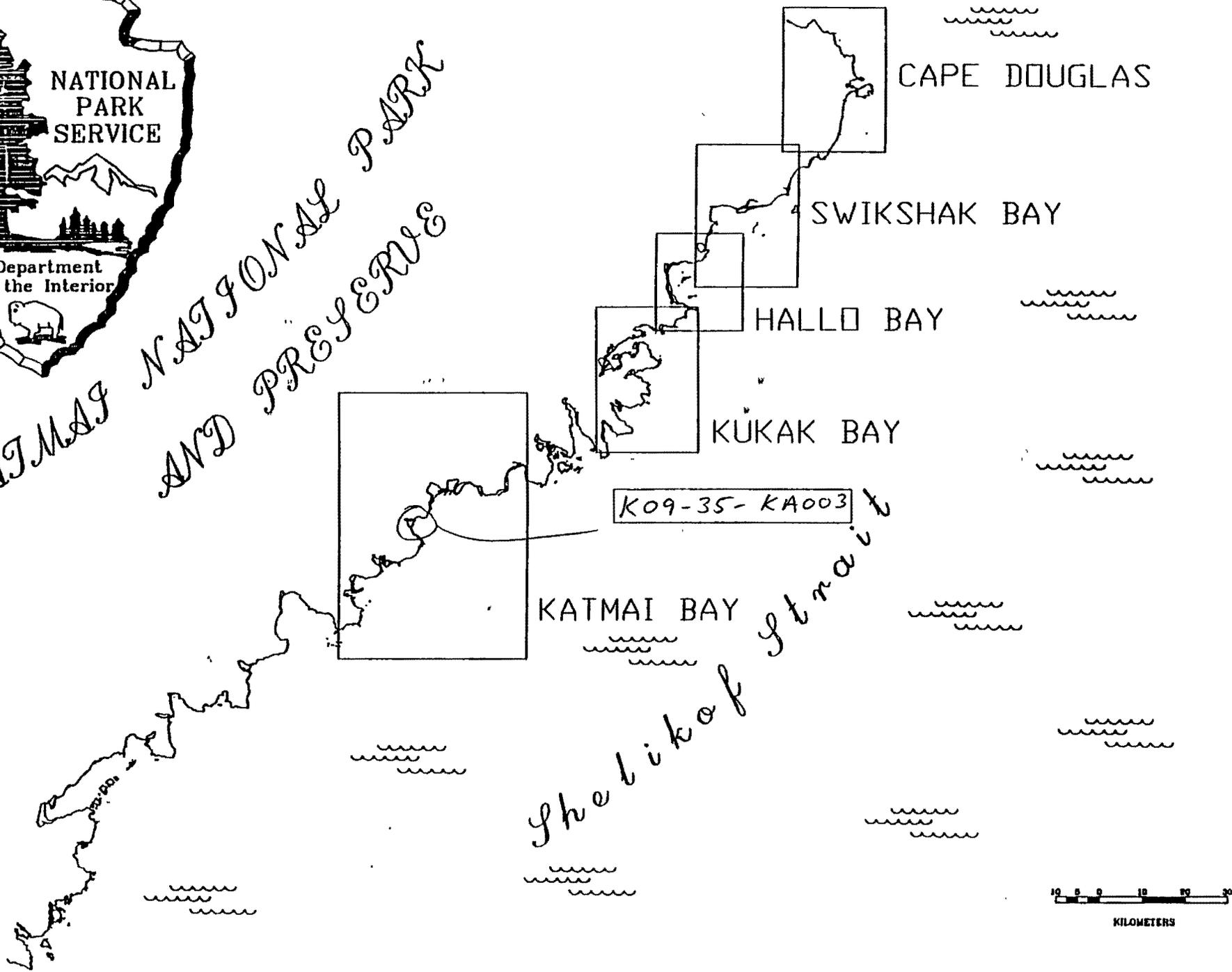




KATMAI NATIONAL PARK AND PRESERVE

ACE: 73342124F/SHP



CAPE DOUGLAS

SWIKSHAK BAY

HALLO BAY

KUKAK BAY

KATMAI BAY

K09-35-KA003

ghelikof gtnait

0 5 10 15 20
KILOMETERS

**National Park Service
Shoreline Oil Assessment**

Observer:... Schach..... Zone:... Kodiak..... Segment #: Ko. 2-35- KA 00:

Date:..... 4/20/90..... Place:.. Kashuk Bay... Ko-mai.....

Time:..... 10:05..... Tide Height:..... Segment Length:... 13000...
(map sheet)

Weather: cloudy sunny fog rain windy

Observations from: ground vessel helicopter

Upland Description: bedrock rubble alluvial fan grass forest
alders/willows marsh lagoon pond bluff

Upland Slope Angle: low medium , high vertical

Intertidal Slope Angle: low medium high vertical

Wave Exposure: low medium high Wave Type: swell crested breaking r

Length of Beach:.....meters Width:... 1007...meters
in tidal flats

Impacted Area (length)

Total length of impacted area:.... 1900....meters

Wide: >6 m and >50% oil cover.... 0....meters

Moderate: 3 m to 6m and 10% to 50% oil cover.... 0....meters

Narrow: <3m and >10% oil cover.... 0....meters

Very Light: <10% oil cover regardless of width (splatters)... 1900....met

Subsurface Oil Assessment

Pit #	Oil Type	Matrix Size	Intertidal Pit Location	Oiled Depth Interval	Pit Depth	% Sedin Satur
1	Mousse / oil	B/C/S	UI	2-3cm	5cm	100
2	Mousse	C/P/S	UI	2-1cm	5cm	100
3						
4						
5						
6						
7						

ACE 7334213

Supratidal

Observer: Schoch Segment #: K09-35-KP003

Substrate	%	oil type	continuous	broken	patchy/numerous	spa
bedrock (vertical) 100		asphalt				
		pooled				
boulder <i>e</i>		cover				
		coat				
cobble <i>e</i>		stain				
		mousse				
pebble <i>e</i>		patties				
		tarballs				
sand <i>e</i>		sheen				
		logs				
silt/mud <i>e</i>		plastic				
		dead algae				
organics <i>e</i>		dead wildlife number and type <i>e</i>				

NO OIL OBSERVED

Upper Intertidal

Substrate	%	oil type	continuous	broken	patchy/numerous	spa
bedrock 50		asphalt				
		pooled				
boulder 30		cover				✓
		coat				✓
cobble 10		stain				✓
		mousse			✓	✓
pebble 5		patties				
		tarballs				
sand 5		sheen				
		logs				
silt/mud <i>e</i>		plastic				
		dead algae				

ACE 7334214

Middle Intertidal

Observer: S. Hoch Segment #: K09-35-K

Substrate	%	oil type	continuous	broken	patchy/numerous	sp
bedrock	50	asphalt				
		pooled				
boulder	30	cover				✓
		coat				✓
cobble	10	stain				✓
		mousse			✓	✓
pebble	5	patties				
		tarballs				
sand	5	sheen				
		logs				
silt/mud	0	plastic				
		dead algae				
organics	0	dead wildlife number and type 0				

Lower Intertidal

Substrate	%	oil type	continuous	broken	patchy/numerous	spa
bedrock	10	asphalt				
		pooled				
boulder	10	cover				
		coat				
cobble	5	stain				
		mousse				
pebble	5	patties				
		tarballs				
sand	20	sheen				
		logs				
silt/mud	50	plastic				
		dead algae				

NO OIL OBSERVED

ACE 7334215

**Biological Assessment
Of Oil Impacted Area**

Observer: ... Schuch ... Segment #: KA9-35-K

Intertidal Organism	Dense	Moderate	Sparse	Rare	Juvenile	Mortality
Barnacles						
Mussels						
Littorina						
Nucella						
Limpets						
Amphipods						
Isopods						
Echinoderms						
Fucus						
Other Algae						

See SSAT FORM
B/C

Marine Mammal Observations:

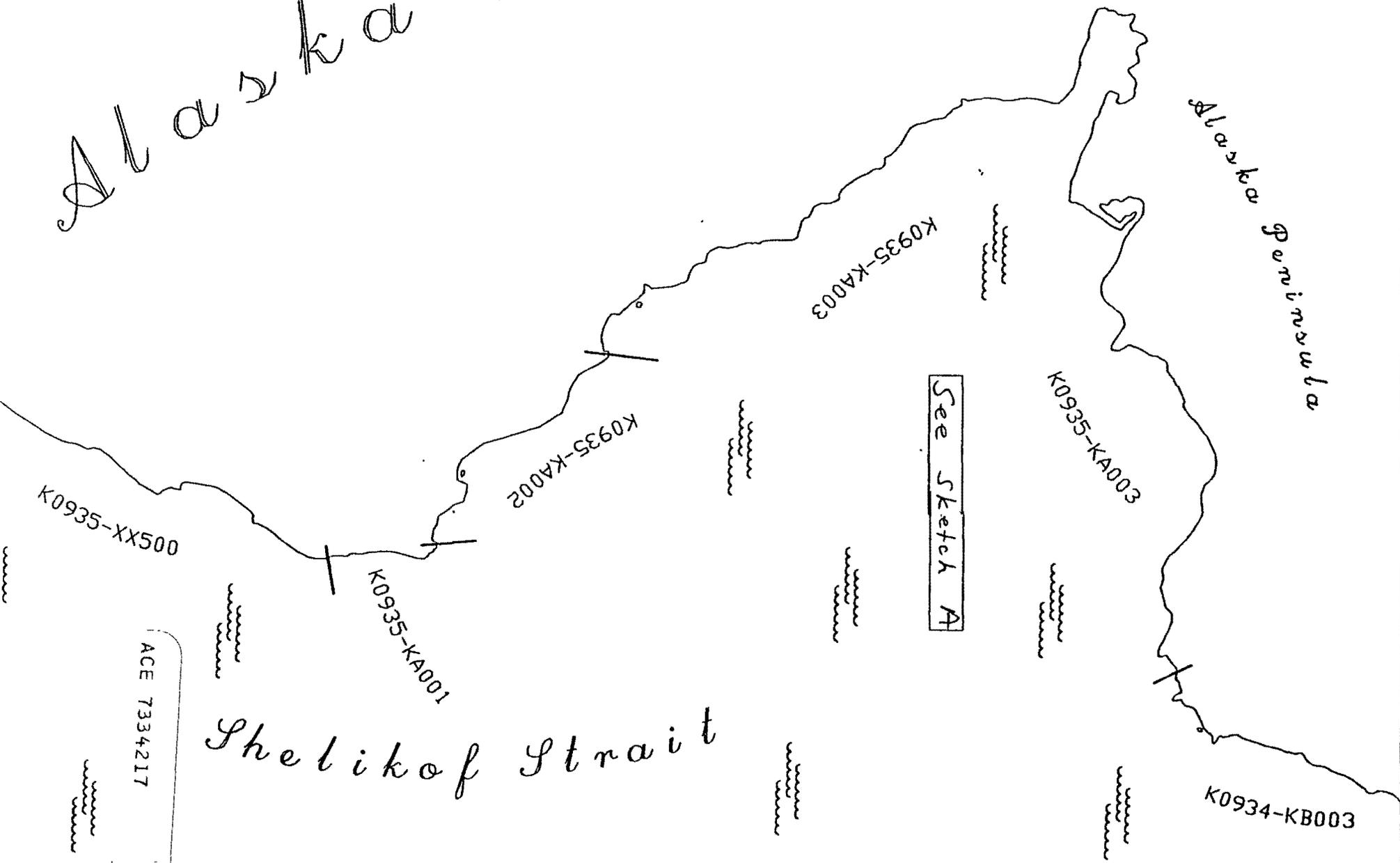
Terrestrial Mammal Observations:

Bird Observations: Bald Eagles 3 juveniles
4 mature

General Observations:

Recoverable oil consists of several mousse
patties with entrained sediment which could
be scraped from the substrate.

Alaska Peninsula



K09-35-KA003

4/29/90

Schoch - Sketch A

Alaska
Peninsula

Approximately
1000 m



Cottonwoods

Alders

Water Falls

Segment End

Kashvik Bay

Barren

Net
Saver

Tidal
Flats

6 m Band

30 m x 2 m Patchy
ms/ct/st

L - Drift Logs in Pocket Beaches

X - Occasional Spatters or patches
ms/ct/st

⊗ - Oil Impacted Area

TTT - C:??

15 m x 2 m x 3 cm
Patchy
ms/ct/st

Segment End

ACE 7334218-ALHF

