

AFS 253-11-10040
CAMPBELLS LAGOON, KODIAK IS.
SITE K5-2

253-11-174

ACE 1852403



89 Stream Survey

ASC NUMBER:	SEGMENT NUMBER:	YR CATALOGED:
LOCATION:		
STREAM NAME:		LATITUDE:
KODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE:
USGS QUADRANGLE:		LEGAL:
SHORELINE TYPE: <i>Lagoon</i>		WAVE EXPOSURE: <i>Low</i>

ASC NUMBER: *253-11-10040*
 SURVEY TYPE: *SS*
 METHOD: *F*
 DATE: *9/3/89*
 START TIME: *1125*
 STOP TIME: *N/A*

TEAM RECORDER: *JEFFREY P. BARNHART*
 OBSERVERS: *R. Dunbar, R. Talvi*

AGENCY(IES): *ADF+G*

PHOTOS TAKEN? *Y* *89-RGT-002k*
 Roll #: *89-RGT-002k* Frames: *25, 1*
 VIDEO TAKEN? *Y* Tape Number: *H5008*
 Counter Start: *1642*

89JPB008K

SAMPLES TAKEN? *Y*

SAMPLE I.D. NUMBERS: *1. K5-2-1*
4.

2. K5-2-2
3.
5.
6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	<i>80m</i>	<i>1m</i>	<i>80</i>	<i>5</i>	<i>.63cm</i>	<i>surface</i>	<i>ms</i>
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: *VL*

OIL IN STREAM CHANNEL? *Y*

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble <i>X</i>	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? *N*

SPECIES	<i>PS</i>	<i>SS</i>			
COUNT	<i>NO COUNT</i>	<i>NO COUNT</i>			

COMMENTS: *site K5-2. Campbells Lagoon, Kodiak Island. No count of salmon spp. See Comm. Fish Division records for complete counts.*

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

STREAM#: 2531110040
SEGMENT: MP004

PAGE 38

DATE PRINTED: 07/25/91

LOCATION: KODIAK ISLAND, UGANIK BAY, CAMPBELL'S LAGOON - ~~PLS FIX IN STREAMS~~

SURVEY TYPE: 90 PRE SCREEN - SS

METHOD: GROUND

DATE: 04/25/90

TEAM RECORDER: WEISS

START TIME: 0850

OBSERVERS: BARNHART THOMAS

END TIME: 0930

TIDES: -0-

AGENCY: FG EXX

OG/HAB DISCREPANCIES: -

PHOTOS TAKEN: Y

STATION: 2531110040

ROLL#: 90EWW002K

FRAME: 05

VIDEO TAKEN: N

TAPE#: -0-

START: -0-

END: -0-

SAMPLES TAKEN: N

SAMPLE NUMBERS: -0-

-0-

-0-

-0-

-0-

-0-

OIL IN STREAM BED: N

OVERALL OIL IMPACT: VL/N

OIL ON BEACH BY MOUTH: N

WAVE EXPOSURE: LOW

SHORELINE TYPE: LAGOON

SUBSTRATE TYPE: BEDROCK -0- BOULDER -0- COBBLE 30 VEGETAT -0-

GRAVEL 50 SAND 20 MUD/SILT -0- GRANULE -0-

ANADROMOUS FISH PRESENT: N

SPECIES: -0-

COUNT: -0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

-0-

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

PAGE 39

DATE PRINTED: 07/26/91

STREAM# : 2531110040
SEGMENT#: MP004

SURVEY TYPE : 90 PRE SCREEN - SS LOCATION: KODIAK ISLAND, UGANIK BAY
DATE: 04/25/90
TIMES: 0850 - 0930 TEAM RECORDER: WEISS

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0-	-0- TP

COMMENTS:

FOUND 3 TAR SPLOTCHES GREASY CONSISTENCY <1" AND 1 3" MOUSSE PT IN 350M.
IN MID TIDE LINE OF GRAVEL COBBLE BEACH. RECOMMEND NO ANADSSAT.

ADF&G MULTI-ASSESSMENT DATA FORM

1 SURVEY TYPE: BS SS DS TS AVS SCHA MMS PTA 2 REGION: PWS KP, CI Q, AP

METHOD: Aerial Ground Boat

3 DATE: 4/25/90 15 HIGH TIDE TIMES: 1 21 TEAM RECORDER: E. Weiss

4 START TIME: 0850 16 HIGH TIDE HTS: 1 22 OBSERVERS: J. BARNHART, B. THOMAS

5 STOP TIME: 0930 17 LOW TIDE TIMES: 0917, 23 AGENCY: ADF+G / EXXON

6 SEGMENT #: MP004B 18 LOW TIDE HTS: -5.0 24 PHOTOS TAKEN: (Y) N
902ww
Roll #: 002-K Frame: 5

7 STATION #: _____ 19 TIDE HT AT SURVEY: _____ 25 VIDEO TAKEN: Y X TAPE#: _____

8 K-UNIT: K0615 Ebb Slack Flood Slack 26 Start: _____ End: _____

9 STAT AREA: _____ 20 USCG QUAD: _____ 27 SAMPLES TAKEN? Y X Number _____

10 LAT: _____ 11 LONG: _____ 28 011 _____

12 SOURCE: Map Loran 29 Sediment _____

13 LOCATION: CAMPBELLS LAGOON, UGANIK BAY, KODIAK IS 30 Biological _____

14 DESCRIPTION: _____ 31 Water _____

EXTENT OF OIL

	SHORELINE				STREAM			
	L	W	M ²	%	L	W	M ²	%
27 SURFACE COVERAGE								
28 SURFACE THICKNESS								
29 PENETRATION								

30 OVERALL OIL IMPACT: N F-VL L M H 36 CATALOGED ANAD. FISH SREAM? X N

31 OIL TYPE: Pooled Mousse Tar Asphalt Sticky Stain 37 CATALOG #: 253-11-10040

32 OILED DEBRIS? Y X 38 STREAM NAME: CAMPBELLS LAGOON

33 SHORELINE TYPE: Headland Low-lying Rocks Beach Cove 39 OIL IN STREAM BED? Y X
Lagoon Marsh

34 WAVE EXPOSURE: High Moderate Low 40 OIL ON STREAM BANKS? X N

35 SUBSTRATE TYPE: Bedrock _____ Boulder _____ Cobble 30 41 OIL ON BEACH ADJACENT TO MOUTH? Y (N)
(within 50 meters)

Gravel 50 Sand 20 Mud/silt _____ 42 OIL WITHIN 1 MILE OF STREAM? Y N

43 ANADROMOUS FISH PRESENT? Y (N) Where: NOT SURVEYED

44 ANADROMOUS FISH OBSERVATION

Species	Aerial	Ground

COMMENTS: FOUND 3 TAR SPLOTCHES GREASY CONSISTENCY < 1" AND
1 3" MOUSSE PT IN 350 M. IN MID TIDE LINE OF GRAVEL
COBBLE BEACH.

RECOMMEND: NO ANADASSAT

Ed was Jeff Barnhart



89 Stream Survey

ASC NUMBER:	SEGMENT NUMBER:	YR CATALOGED:
LOCATION:		
STREAM NAME:		LATITUDE:
KODIAK K-UNIT:	LOCAL STREAM #:	LONGITUDE:
USGS QUADRANGLE:		LEGAL:
SHORELINE TYPE: <i>Lagoon</i>		WAVE EXPOSURE: <i>Low</i>

ASC NUMBER: *253-11-10040*
 SURVEY TYPE: *SS*
 METHOD: *F*
 DATE: *9/3/89*
 START TIME: *1125*
 STOP TIME: *N/A*

TEAM RECORDER: *JEFFREY P. BARNHART*
 OBSERVERS: *R. Dunbar, R. Talvi*

AGENCY(IES): *ADF&G*

PHOTOS TAKEN? *Y* *89-RGT-002K*
 Roll #: *89-RGT-001K* Frames: *25, 1*
 VIDEO TAKEN? *Y* Tape Number: *H5008*
 Counter Start: *1642*

SAMPLES TAKEN? *Y*

SAMPLE I.D. NUMBERS: *1. K5-2-1*
4.

2. K5-2-2
3.
5.
6.

OILING DATA

	LENGTH	WIDTH	M2	%	THICK	FEN	OIL TYPE
SITE 1	<i>80m</i>	<i>1m</i>	<i>80</i>	<i>5</i>	<i>1.63cm</i>	<i>surface</i>	<i>MS</i>
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: *VL*

OIL IN STREAM CHANNEL? *Y*

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble <i>X</i>	Veget.

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? *N*

SPECIES	<i>PS</i>	<i>SS</i>			
COUNT	<i>NO COUNT</i>	<i>NO COUNT</i>			

COMMENTS: *site K5-2. Campbells Lagoon, Kodiak Island. No count of salmon spp. See Comm. Fish Division records for complete counts.*

Campbells Lagoon, Kodiak Island

FISH HABITAT ASSESSMENT FORM

REGION: PWS KP, CI (K) AP OBSERVER(S) JEFF BARNHART
ROGER DUNBAR
Randy Talvi

Not Available

SITE NO. K5-2 AERIAL PHOTO NO. _____ CAT NO. 253-11-10040

STREAM NAME Campbells Lagoon LAT 57° . 51' . 45" LONG 153° . 40' . 30"

DATE 09/03/89 TIME 11:25 Am TIDE: Low slack Flood High slack Ebb

CATALOGED ANADROMOUS STREAM? (Y) N ANAD. FISH FOUND? (Y) N

OIL FOUND IN STREAM? Y N OIL FOUND NEAR STREAM (1 MI.)? (Y) N

OIL SAMPLES TAKEN? (Y) N ID NOS. K5-2-1 K5-2-2 JPB 3/21/91

Roll 195A converted to 89-RGT-001-K
Roll 205A converted to 89-RGT-002-K
ROLL NO(S). 195A 205A JPB

35 mm PICTURES TAKEN? (Y) N

EXPOSURE NO.

DESCRIPTION

<u>25</u>	<u>Roll # 195A</u>	<u>mouse</u>
<u>1</u>	<u>Roll # 205A</u>	<u>mouse</u>
<u>2110</u>	<u>Roll # 205A</u>	<u>mouse</u>

VIDEO FOOTAGE TAKEN? (Y) N CASSETTE NO(S). H5008

DESCRIPTION: Footage of campbells lagoon, mouse

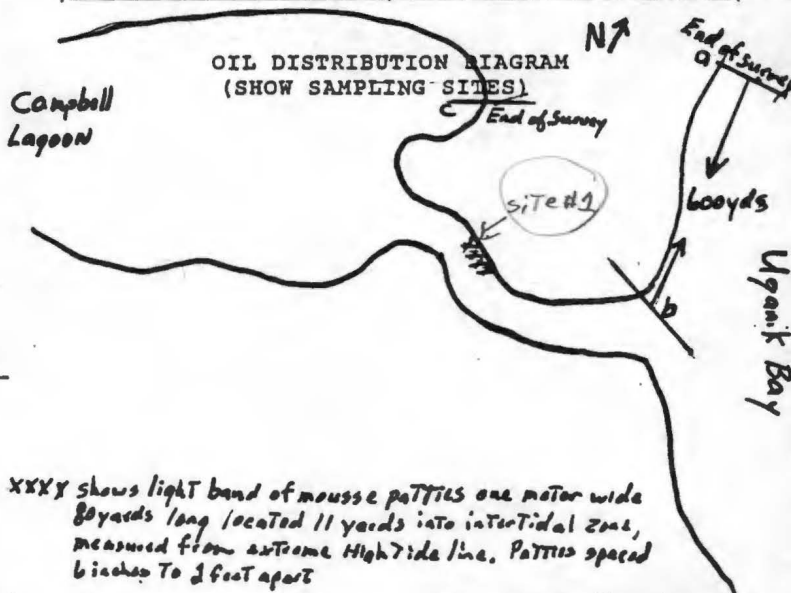
footage 1642-1754

Aerial							
Ground	yes				yes		

OIL OBSERVATIONS

	WITHIN STREAM	OUTSIDE STREAM
SURFACE COVERAGE	—	See notes
SURFACE THICKNESS	—	" "
PENETRATION	—	" "

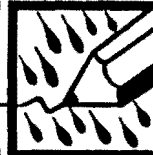
1. Bedrock
2. Boulder
3. Cobble
4. Gravel
5. Sand
6. Mud
7. Other



COMMENTS: No oil observed in the 600 yards surveyed outside the lagoon (point a to point b). Light/very light band designated by (xxx) was located approx. 600 yards from point b. Survey distance between point b and c was approx 900 yards, with the exception of the light band described above only 6 dime size pieces of mousse were found between points b and c. These were located at the high tide line.

K5-2

"Rite in the Rain"
ALL-WEATHER WRITING PAPER ®



ALL-WEATHER

LEVEL

Notebook No. 311-M

Alaska Dept of Fish & Game *Hub*
Kodiak, AK 486-5033

Kodiak Archipelago
Anadromous Fish
Habitat Assessment

1
Anadromous Fish Habitat
Assessment
Exxon Valdez Oil Spill

Date: 09/03/89

Site Number: K5-2

Location of sampling point:

Latitude - $57^{\circ} 51' 45''$

Longitude - $153^{\circ} 40' 30''$

Comments -

Lat/Long calculated from pilot's
aviation chart.

Type of Sample: (Oil) or Sediment
(circle one)

Number of samples taken:

2 samples of 7 subsamples each Taken

2

~~References (Maps, photographs,
Video footage).~~

Volume of samples taken:
Approx 250 ml each

Date and time of collection:

09/03/89 1200

List of sample identification
numbers:

K5-2-1 K5-2-2

3

Description of sampling
point and sampling methodology:

JPB

Sampling point was located on bank of lagoon approximately 600 yards west from lagoon mouth. The sample was taken in the band of oil shown in the oil distribution diagram portion of the Fish Habitat Assessment Form.

Methodology: Sampling protocol was followed per Draft Plan, Anadromous Fish Habitat Assessment plan, page 9.

4

References (Maps, photographs,
Video Footage).

Kodiak Area Salmon District map

Video Footage 1642-1754. Cassette no H5008

35 mm: Roll 195A exposure #25, and, Roll

205A exposure #1

Roll 195A converted to 89-RGT-001-K

Roll 205A converted to 89-RGT-002-K

986

Field Observations:

See comments section of Fish Habitat
Assessment Form.

Large (approx. 30 feet wide and 400 feet long)
bands of blue mussels on both sides of
lower lagoon area.

Jeff Barnhart
9/3/89

5

ANADROMOUS FISH OBSERVATIONS								
	PINK	CHUM	RED	KING	COHO	DOLLY		
Aerial								
Ground	yes				yes			

COMMENTS: complete salmon count conducted by ADFG
comm. Fish Division. Pink and coho salmon present in
lagoon.

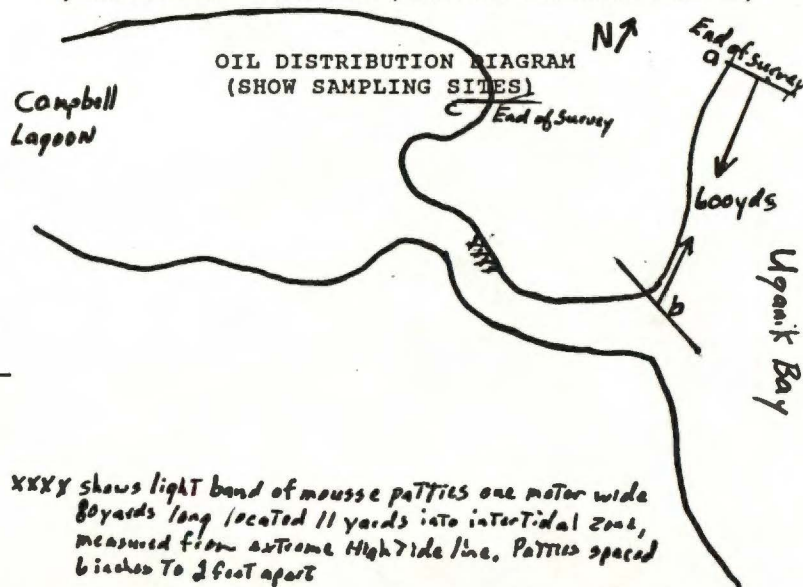
OIL OBSERVATIONS

EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
Surface Coverage	—	See notes
Surface Thickness	—	" "
Penetration	—	" "

DOMINANT SUBSTRATE TYPE:

Bedrock
 Boulder
 Cobble
 Gravel
 Sand
 Mud
 Other _____



COMMENTS: No oil observed in the 600 yards surveyed outside the lagoon
point a to point b). Light/very light band designated by (xxx) was located approx.
80 yards from point b. Survey distance between point b and c was approx
yards, with the exception of the light band described above only 6 olive size
pieces of mousse were found between points b and c. These were located at the high tide
level.

ACE 1852404 +IFF

Campbell's Lagoon, Kodiak Island

Campbell's Lagoon
 Kodiak Island

FISH HABITAT ASSESSMENT FORM

REGION: PWS KP, CI (K) AP OBSERVER(S) JEFF BARNHART
Not Available ROGER DUNBAR
Randy Talvi

SITE NO. K5-2 AERIAL PHOTO NO. _____ CAT NO. 253-11-10040

STREAM NAME Campbell's Lagoon LAT 57° 51' 45" LONG 153° 40' 30"

DATE 09/03/89 TIME 11:25 Am TIDE: Low slack Flood High slack Ebb

CATALOGED ANADROMOUS STREAM? (Y) N ANAD. FISH FOUND? (Y) N

OIL FOUND IN STREAM? Y N OIL FOUND NEAR STREAM (1 MI.)? (Y) N

OIL SAMPLES TAKEN? (Y) N ID NOS. K5-2-1 K5-2-1 K5-2-2

35 mm PICTURES TAKEN? (Y) N ROLL NO(S). 19SA, 20SA

EXPOSURE NO. DESCRIPTION

25 Roll # 19SA mousse

1 Roll # 20SA mousse

910 910

VIDEO FOOTAGE TAKEN? (Y) N CASSETTE NO(S). H5008

DESCRIPTION: Footage of Campbell's Lagoon, mousse

footage 1642-1754

ACE 1852405

K5-2

"Rite in the Rain"
ALL-WEATHER WRITING PAPER ©



ALL-WEATHER

LEVEL

Notebook No. 311-M

"Rite in the Rain" - A unique All-Weather Writing Paper created to shed water and enhance the written image. It is widely used throughout the world for recording critical field data in all kinds of weather.

Available in a variety of standard and custom printed case-bound field books, loose leaf, spiral and stapled notebooks, multi-copy sets and computer papers.

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Alaska Dept of Fish + Game ^{Hub}
Kodiak, AK 486-5033

Kodiak Archipelago
Anadromous Fish
Habitat Assessment

ACE 1852406

1
Anadromous Fish Habitat
Assessment
Exxon Valdez Oil Spill

Date: 09/03/89

Site Number: K5-2

Location of sampling point:

Latitude - 57° 51' 45"

Longitude - 153° 40' 30"

Comments -

Lat/Long calculated from pilot's
aviation chart.

Type of Sample: Oil or Sediment
(circle one)

Number of samples taken:

2 samples of 7 subsamples each Taken

ACE 1852407

2

References (Maps, photographs,
Video footage).

Volume of samples taken:
Approx 250 ml each

Date and time of collection:

09/03/89 1200

List of sample identification
numbers:

K5-2-1 K5-2-2

ACE 1852408

3

Description of sampling
point and sampling methodology:

JPB

Sampling point was located on bank of
lagoon approximately 600 yards west from
lagoon mouth. The sample was taken in
the band of oil shown in the oil
distribution diagram portion of the
Fish Habitat Assessment Form.

Methodology: Sampling protocol was followed
per Draft Plan, Anadromous Fish Habitat
Assessment plan, page 9.

ACE 1852409

4

References (Maps, photographs,
Video footage).

Kodiak Area Salmon District map
Video footage 1642-1754. Cassette no H5008
35 mm: Roll 195A exposure #25, and, Roll
205A exposure #1

Field Observations:

See comments section of Fish Habitat
Assessment Form.

Large (approx 30 feet wide and 400 feet long)
bands of blue mussels on both sides of
lower lagoon area.

Jff Carhart
9/3/89

ACE 1852410

5

ACE 1852411

26

9/3/89 Sunday AS-1 First site Afognak R.

~~403 EH (Helicopter) Dave - pilot~~

Depart 9:10 Am. Land Assignat R.

Depart Algea at R 10:45 Am.

Land Campbell's Lager 11:25 am K5-2

Stat area 253-11 creek 10040 gravel substrate

sample collected 12:20pm

Lat $57^{\circ}51'45''$ N / $153^{\circ}40'30''$ W

Long

pinks/silvers.

observed 4 dime size
pieces of mouse at
high tide line along
the 700 yds survey out

Uganik Bay

600 yds fromagoon
mouth of ocean
mussel patches 11 yards
from extratide line.
meter wide band
80 yards long

Giant
Scurry

Uganik Bay

vid. 1645 - 1754

Still photos 19 SA H 25

Roll 20 SA #1

8413

mouse

12607

ACE 1852412

27

K5-3 Little River Land 1125 pm

K5-4 Stream 405 STAT Av. 254-40

Land 2:45 pm, oil (Tar) samples Taken

at 3:00 pm. 119 yards seaward from storm tide
line. video 1813 - 1824 5700y oil barrel w/ Rot,
oiled debris, etc. Depart 3:40 pm land 4:19 pm

99B

09/04/89 Depart Airport 9:30 am

965 TwinStar PHI company Paul

Stop 10:15 Am site 'K6-1' Sturgeon River.

video 1924 -

ACE 1852413

1123am

K5-2

(14)

Kodiak Is, Campbell's Lagoon.
California Creek AFS

Lat-

Long-

~~112~~ 154°

1' 45" * Pilots Chart

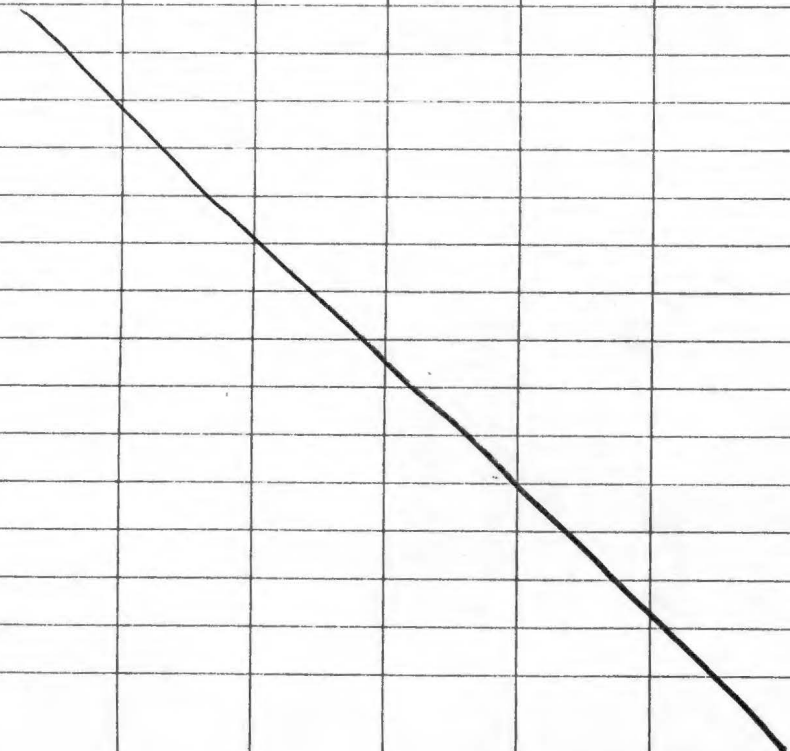
Lat
Long

57°
153°

51'
40'

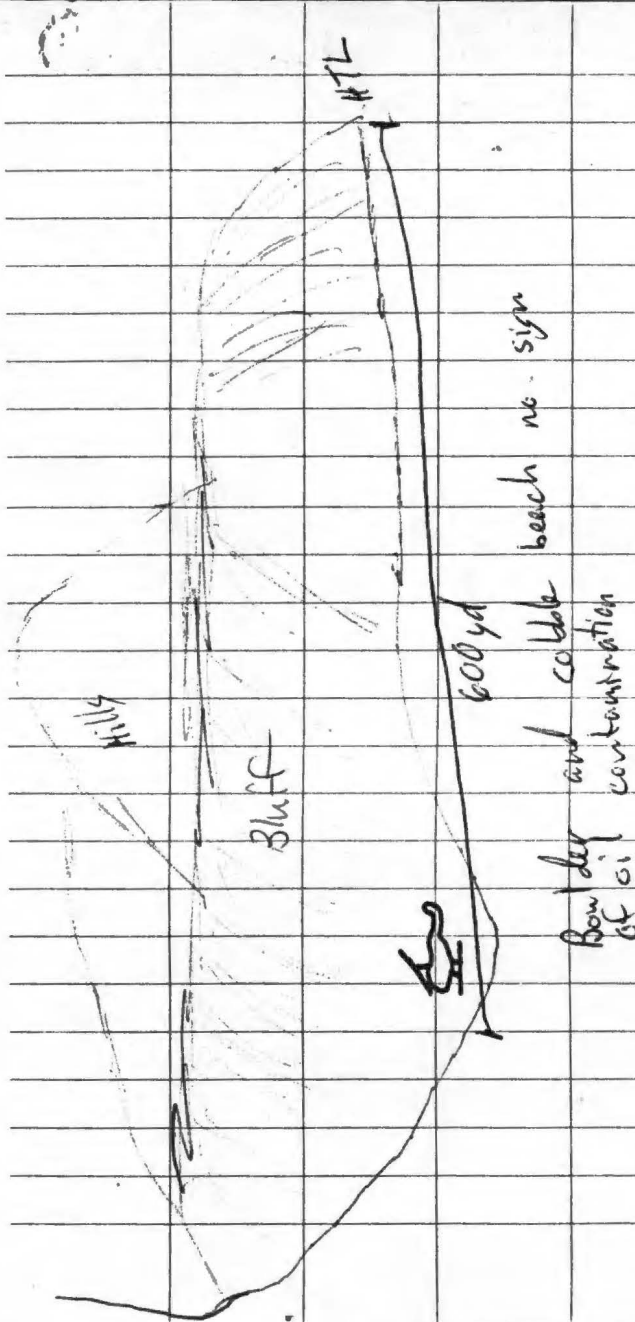
45"
30"

* Pilots Chart



ACE 1852414

(15)



ACE 1852415-1FF

SEGMENT INSPECTION RECORD

ADEC # K-6-15

Shoreline Segment: MP4B

Shoreline Treatment Process(es) Completed for this Segment

☐ Hot water wash	☐ Mechanical
☐ Warm water wash	☒ Non-mechanical
☐ Water deluge	☐ Other

ORIGINAL

Exxon

Treatment as indicated above has been completed. Request demobilization from this segment.

Exxon Comments

Signature *Gayle Cannon* Date 9/6/89 Time 0730

Printed Name GAYLE CANNON

Existing Shoreline Condition As
Visually Determined by USCG

Surface Oil

Percent	Degree of Oiling
☐	Heavy
☐	Medium
☐	Light
☒ 1%	Very Light

100%

Subsurface Oil

☐ Yes ☒ No

Comment Below

Reassessment

☐ Yes - Necessary

☒ No - Not necessary unless re-oiled

ADEC Rep

Comments

over for comments

Signature *Scott Sherton* Date 9/5/89 Time 4:30 PM

Printed Name

SCOTT SHERTON

FOSC Rep

Demobilization approved/disapproved

Comments

Agree with ADEC + USFWS comments.

Signature *J. A. Stagliano* Date 9/5/89 Time 1645

Printed Name

J.A. STAGLIANO

Copy: Exxon ADEC FOSC ISCC Return All Signed Originals to Exxon

enclosure (5)

ACE 1852416 +15

8/5/89
(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 7/28/89

SHORELINE SEGMENT K6-15-MP-4B

LOCATION: (see enclosed map) Broken Point south to and including
Campbell Lagoon, Kodiak Island

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 7/08/89

Recommended Cleanup Activity(ies):

- No cleanup recommended due to very light oiling and ecological constraints discussed below. Subject to FOSC reassessment at a later date.

Priorities/Considerations: Class 5-A

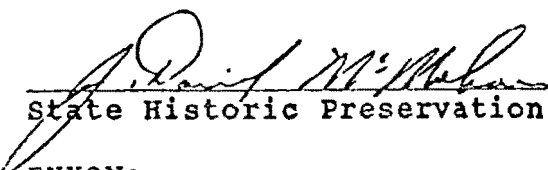
- Local setnetters state that they completed cleanup of segment prior to this assessment.

Ecological Constraints (from site survey):

- This segment is too sensitive ecologically to warrant cleanup of very light oil.

Archaeological Constraints (from site survey):

- If cleanup is planned, a full archaeological assessment must be conducted due to the archaeologically sensitive nature of this segment.


State Historic Preservation Officer *

Date: 7/31/89

EXXON: _____

Date: _____

FOSC: _____

Date: _____

*Signature required to satisfy stipulations in Alaska DNR land use permits for tide and submerged lands.

ACE 1852417

SHORELINE OIL EVALUATION

Date: 8 July 89 / Time: 1450
 Surveyed From: Foot/Boat/Helicopter/Plane

Observer: Baker TR MM
 Weather: Sun/Cloud/Rain/Snow/Fog

LOCATION

Location: Broken Pt. Sp. ... Campbell Lagoon K Segment ID: K6-15-MP4B
 Segment Length: 3000 m. Access: Vehicle/Boat/Barge/Helicopter/Plane
 Access Restrictions: NONE

PRELIMINARY

Preliminary Type: SPI/BEA/COV/HLD/STRT Slope: Lo/Med/HI/Vert
 Exposure: High/Med/Low
 Element: B 10 % / C 10 % / P 25 % / G&S 5 % / M 20 % / R 30 %

Degree of Oiling: HEAVY / MODERATE / LIGHT / VERY LIGHT / NONE OBSERVED
 Area of Impact: SU/SP/H/M/L

DISTRIBUTION

Continuous % of Segment — SU/SP/H/M/L H/M/L/VL
 Discrete % of Segment 1 SU/SP/H/M/L H/M/L/VL

Material	Length(m)	Width(m)	Thickness >1cm:	cm	SU/SP/H/M/L
Light:	<u>1</u>	<u>1</u>	Penetration/Rework:	<u>—</u> cm	SU/SP/H/M/L
Dark:	<u>—</u>	<u>—</u>	Burial Depth:	<u>—</u> cm	SU/SP/H/M/L
Granular:	<u>—</u>	<u>—</u>			
Heavy:	<u>—</u>	<u>—</u>			

Contamination Potential: High/Medium/Low
 Amount of Debris Oiled? Y/N Amount: H/M/L/VL SU/SP/H/M/L Type: —

MORPHOLOGY

Material	%	SU/SP/H/M/L
Oil:	<u>—</u>	SU/SP/H/M/L
"Ice" Oil:	<u>—</u>	SU/SP/H/M/L
Weathered:	<u>100</u>	H/M/L/ <u>VL</u>
Unweathered:	<u>—</u>	SU/ <u>SP</u> /H/M/L
Clumps/Balls:	<u>—</u>	SU/SP/H/M/L

Preliminary Cleanup Est.

Total TYPE A: 1 m
 Total TYPE B: — m
 Total TYPE A/B: — m

WEATHERING

Material	%	SU/SP/H/M/L
Sh:	<u>—</u>	SU/SP/H/M/L
Ice:	<u>—</u>	SU/SP/H/M/L
Weathered Mousse:	<u>100</u>	SU/ <u>SP</u> /H/M/L
Unweathered Mousse:	<u>—</u>	SU/SP/H/M/L
Other:	<u>—</u>	SU/SP/H/M/L

REMARKS

VERY LIGHT WEATHERED MOUSSE FOUND NORTH OF CAMPBELL LAGOON TO BROKEN PT. BEACH
 IS PREDOMINANTLY BOLDER/CORAL RUBBLE TO PEEBEE BEACH ADJACENT TO CAMPBELL
 LAGOON. CAMPBELL LAGOON IS A TIDAL FLAT - LOW WAVE EXPOSURE.
 LOCAL SETBACK FROMermen STATE THAT THEY COMPLETED CLEANUP OF BEACH BEFORE
 THIS ASSESSMENT

NOTE: K6-15-MP4B & K6-16-MP4A WERE ONE SEGMENT. THIS SEGMENT
 WAS DIVIDED TO FIT INTO RDC/USCG K SECTION MAP.

DOCUMENTATION:Aerial photo marking segment boundaries See Attached

PR: Y/N Tape Number(s) _____

Photography: Y/N Roll Number(s) DMC-12Sample Numbers Collected: 12/1

(55)

2 JUL 69

SATURDAY

(55)

MP 11 (GOLD 2) - CAMPBELL LAGOON -

LANDING - NO OIL

MUD/S&G/P - OCCAS. W/ C. 3B

NO OIL OBSERVED HOLDS, L & SLO

FROM BROKEN POINT TO LAGOON, L & FOUNC

VERY LIGHT SPENT W MOUSSE HITZ. ROCKY

HOLD & PEE BEACH (B/C RUBBLE-HOLDS)

FROM TINTS (INF. 3) TO BROKEN PT

POINT

P&B BLACUS W/ ROCKY & VC BLUFFS (HOLD - 4000)

NO OIL OBSERVED ON FLT 3Y

ONE LANDING - NO OIL SEEN

1515 - Lv for ADD

1545 - LAND ADD

- LURIE UP MP 2, 3

1860 - SCAT STAFF MTG

- Finish MP write ups

2030 - Buy Food for Sunday SCAT FLT

2100 - Return BACK CAR (OFFICE)

- UNUSUAL UNFURNITURE

2200 - Movie (Good Night)

ACE 1852420

ACE 1852421

ECOLOGICAL EVALUATION

EXPOSED Pt South to +
Includ'g Campbell Lagoon

LOCATION: FCL R1 I. 5V4 SITE: _____ OBSERVER: D McGerrick

LOCATION PREFIX: 10-5-1 SEG. NO.: 4E LENGTH: 3600 (M)

DATE: 7/8/89 TIME (HHMM): 1450 TIDE HT.: +2.0 (M)

OILED ZONE: Splash High Medium Low

SUBSTRATUM: Rocks Boulder Cobble Gravel Sand Mud

LIVE BIOTA

Fucus (algae): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

Mytilus (Mussels): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

Balanus (Barnacles): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

Littorina
Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

Limpets: Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)

OTHER OBSERVATIONS: Campbell Lagoon is very seagrass, dense mussel beds,
Zostera marina, Distichlis & Salicornia in front of lagoon.

CLEANUP PRECAUTIONS: None since cleanup is not recommended

MAMMALS: Otters _____ Harbor Seals _____ Sea Lions _____ Whales _____
Other _____

BIRDS: Birds (see map for approximate locations)

GENERAL OBSERVATIONS: Very light splatter of oil on boulder beach north of
Campbell Lagoon. No oil-impregnated birds observed.

Note: K6-15-MP4B and K6-16-MP4A were originally one segment (K-16-16/K-15-MP4)
The original segment was divided to fit into ADEC/USCG K sections (see original)

CULTURAL RESOURCE EVALUATION

Date 7/6/89 Location UGANIK BAY Site CANFIELD LAGOON
BEACH RISE SURFLocation Prefix K6-15 Segment # MP-45 Length 3600 M

Survey Method:

Air X (A - indicate on map) Boat _____ (A - indicate on map)Ground X (G - indicate on map)Known cultural resources (AHRS #) KOD-292, KOD-277 Data Source AHRS FILESOil conditions/beach visibility VERY LIGHTLY OILEDWidth of beach zone surveyed 10 m ~~PEOP~~ fringe surveyed 10 MCultural resources observed in beach zone (AHRS code) NONE OBSERVEDCultural resources observed in tree fringe (AHRS code) NSP

General observations justifying survey method and segment's site probability:

Shore Profile ROCKY HEADLANDS, COBBLE BEACHES, LOW ENERGY LAGOONFresh Water Sources SMALL STREAMSSea Exposure MEDIUM TO HIGH ENERGY (LOW INSIDE CANFIELD LAGOON)Access/Safety ACCESSIBLE BY HELICOPTER OR SMALL BOATProbability of undiscovered sites in beach zone (circle one) 1 2 3 4 5Monitoring during cleanup needed yes/no Collection yes/no

Photos: Color Roll # _____ Frames _____

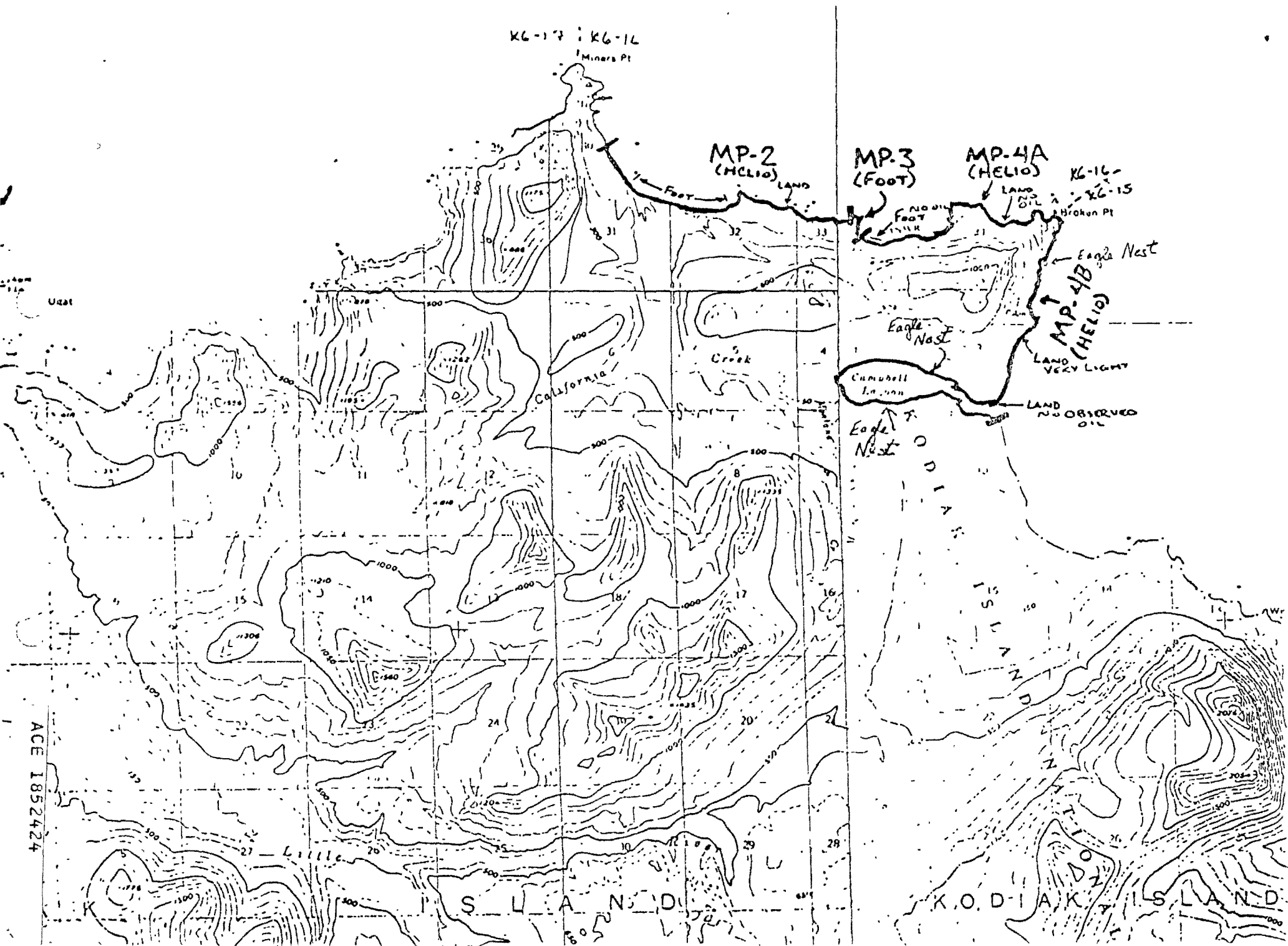
B/W Roll # _____ Frames _____

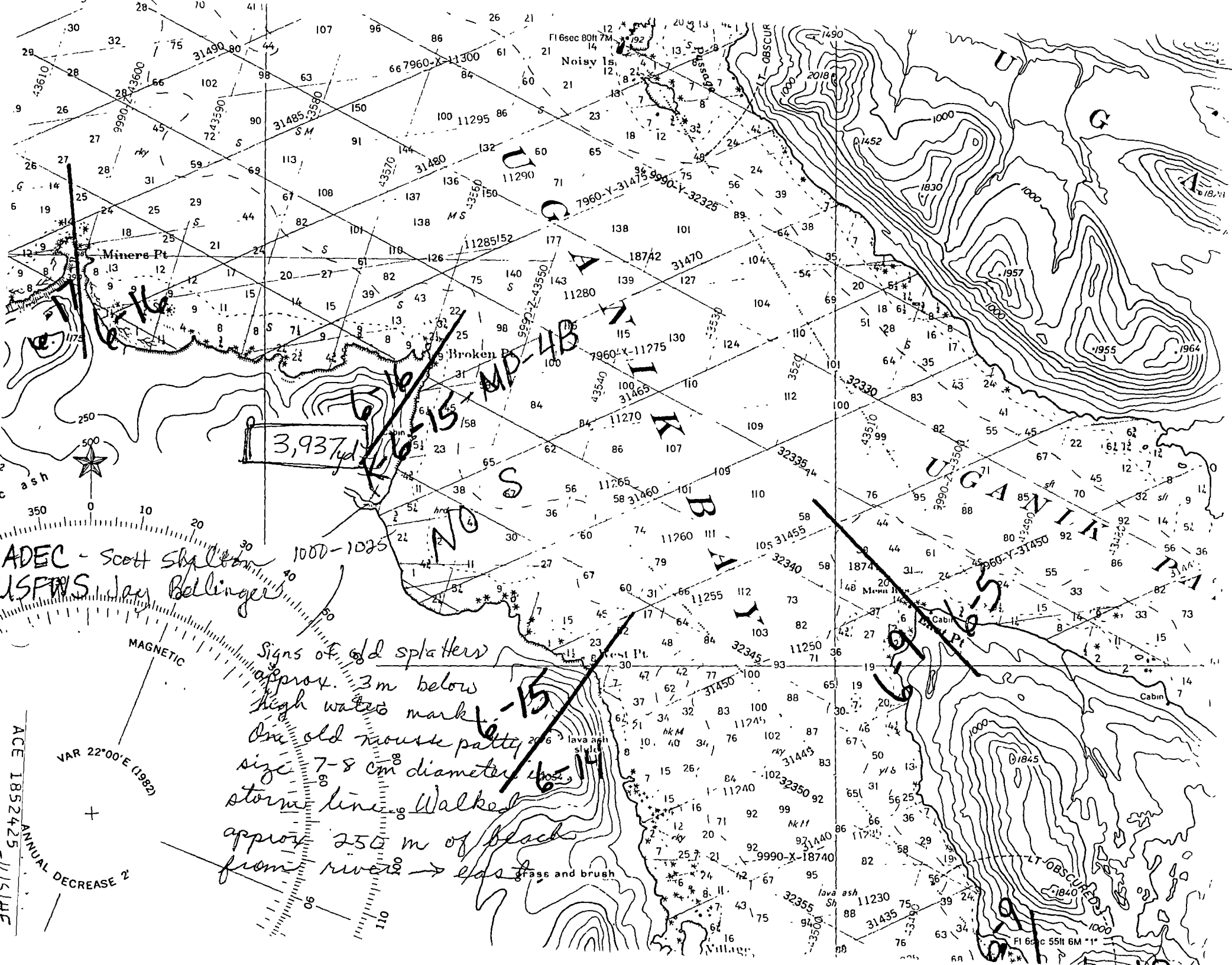
Observer(s) RICK KUEHLT, CHARLES OVERMIRE

Time survey started _____ Time survey ended _____

Cultural resource considerations/restraints:

KOD-292 IS UNACCESSIBLE - KOD-277 APPEARS STABLE - BUT CREWS
SHOULD STAY BELOW HIGH TIDE LINE AND AVOID TRAMPING VEGETATION
COVERING SITE.





ADEC - Scott Shallen
USFWS Jay Bellinger

MAGNETIC

VAR 22°00' E (1982)

1:1852425
ANNUAL DECREASE 2'

Signs of old splatters
approx. 3m below
high water mark
One old mouse patty
size 7-8 cm diameter
storm line. Walked
approx 250 m of beach
from river to east