ORIGINAL

SEGMENT INSPECTION RECORD

ADEC # K8-12

Shoreline Segment:

Yards Signed Off

Shoreline Treatment Process(es) Completed for this Segment

- [ ] Hot water wash
- [ ] Warm water wash
- [ ] Water deluge
- [ ] Mechanical
- [X] Non-mechanical
- [ ] Other

Exxon

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

Exxon Comments

Signature Jack A Rickner Date 7/29/89 Time 1210

Printed Name Jack Rickner

Existing Shoreline Condition As Visually Determined by USCG

Surface Oil

Percent — Degree of Oiling

- [ ] Heavy
- [ ] Medium
- [ ] Light
- [ ] Very Light

100%

Subsurface Oil

- [ ] Yes
- [ ] No

Comment Below

Reassessment

- [ ] Yes - Necessary
- [x] No - Not necessary unless re-oiled

Existing Shoreline Condition As Visually Determined by ADEC

Surface Oil

Percent — Degree of Oiling

- [ ] Heavy
- [ ] Medium
- [ ] Light
- [ ] Very Light

100%

Subsurface Oil

- [ ] Yes
- [ ] No

Comment Below

Reassessment

- [ ] Yes - Necessary
- [ ] No - Not necessary unless re-oiled

ADEC Rep

Comments

Signature _____ Date _____ Time _____

Printed Name _____

FOSC Rep — Demobilization approved/disapproved

Comments ADEC Agrees not to participate in inspection

Signature _____ Date 7-30-89 Time 1510

Printed Name _____

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

ACE 1853128+|F|S|HF

JULY 26, 1989.

JOHN SHUEY/ EXXON COMPANY U.S.A.
1200 AIRPORT WAY
KODIAK, ALASKA 99615

DEAR MR. SHUEY:

ENCLOSED PLEASE FIND THE AREAS DEEMED "KEY BEACHES" FOR OLD HARBOR, BY FREDDIE CHRISTIANSEN:

1. KILUDA BAY BEACHES---Area 12
2. NATALIA BEACH--------Area 31
3. BARLING BAY BEACH--- Area 15
4. NEWMAN BEACH --------Area 32
5. KAIUGNAK ---------- Area 18
6. 7 RIVERS ----------Area 24
7. ROLLING BAY BEACH--- Area 31
8. MIDWAY BAY --------- Area 14
9. GULL POINT---------- Area 9

Concerned Impact or Rec areas

THESE AREAS ARE ALL WITHIN THE K-8 SECTION OF THE MAP.

RESPECTFULLY,

DOROTHY PESTRIKOFF OLH

ACE 1853129

(version 6/04/89)

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Block (see enclosed map): K8-12

Includes Shoreline Segments: KL-1

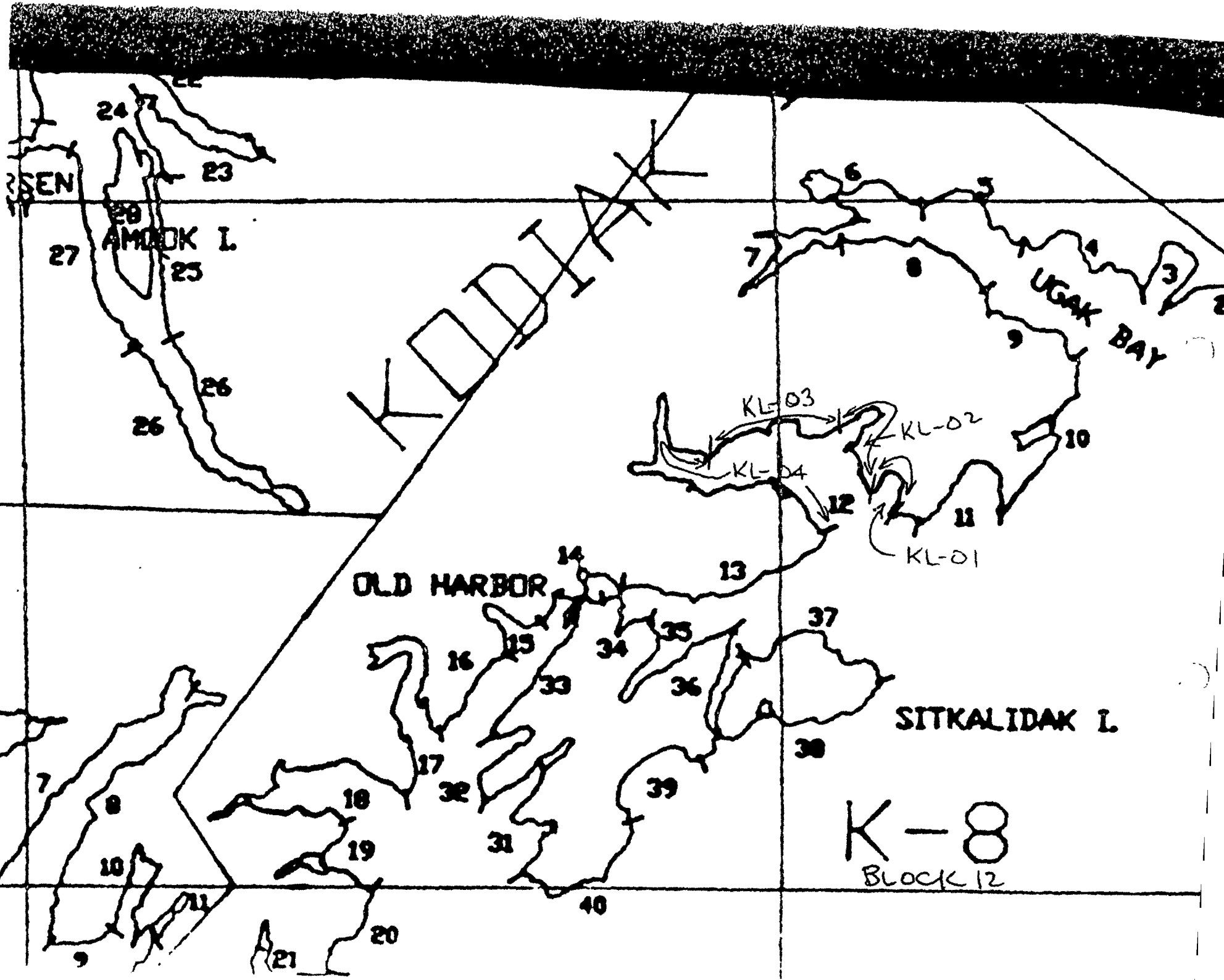
Location: Kiliuda Bay

Submitted: _____ Date: _____
(for Exxon)

FOSC Approval: _____ Date: _____

The cleanup procedures identified in the Shoreline Cleanup Program are recommended. Exxon and other field personnel are encouraged to suggest innovations and productivity enhancements to the OSC's on-scene representative. Requirements for safety and the protection of cultural material must be observed.

CC: KISCC


KODIAK
AMOOK I.
UGAK BAY
OLD HARBOR
SITKALIDAK I.
KL-01
KL-02
KL-03
KL-04
K-8
BLOCK 12

ACE 1853131

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 8/03/89 SHORELINE SEGMENT K8-12-KL-1

LOCATION: (see enclosed map) Kiliuda Bay

ADEC NO._____ SHORELINE ASSESSMENT DATE:_____

Recommended Cleanup Activity(ies):
-Manual removal of oiled drift and mousse patties at beaches #2a and 2b (see map).

Priorities/ Considerations: Class 5-A
-Avoid salmon stream.
-Small crew (4 people) could complete cleanup in a few hours.

Ecological Constraints (from site survey):
-None. No biota will be adversely affected by manual cleanup of mousse patches.

Archeological Constraints (from site survey):
-An archaeological monitor is required during cleanup at the head of Santa Ilavia Bay.

Douglas Reger Date: 8/12/89
State Historic Preservation Officer *

EXXON: [signature] Date: 8/14/89

FOSC:_____ Date:_____

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

ersion July 05, 1989)

SHORELINE OIL EVALUATION

te: 07/26/89 Time: 14:01 Observer: RICK GILLIE
rveyed From: (Foot)/Boat/(Helio)/Plane Weather: (Sun)/Cloud/Rain/Snow/Fog

CATION
cation: KILINDA BAY Segment ID: K08-12-KL-01
gment Length: 6,800 m. Access: Vehicle/(Boat)/(Barge)/(Helio)/Float Plane
cess Restrictions: NONE

ORELINE
oreline Type: SPT/(BEA)/(COV)/(HLD)/STRT Slope: Lo/(Med)/(Hi)/(Vert)
ve Exposure: (High)/Med/Low
diment: B 20 % / C ___ % / P 10 % / G&S 20 % / M ___ % / R 50 %

L
g. Degree of Oiling: HEAVY / MODERATE / LIGHT / (VERY LIGHT) / NONE OBSERVED
ea of Impact: SU/SP/(H)/M/L

L DISTRIBUTION

ntinuous	% of Segment ___	SU/SP/(H)/M/L	H/M/L/VL
oradic	% of Segment 20	SU/SP/(H)/M/L	H/M/L/(VL)

	Length(m)	Width(m)
tal		
ry light:	1,000	10
ght:		
derate:		
avy:		

Thickness >1cm: — cm SU/SP/H/M/L
Penetration/Rework: — cm SU/SP/H/M/L
Burial Depth: — cm SU/SP/H/M/L

bilization Potential: High/Medium/(Low)
ift Debris Oiled? (Y)/N Amount: H/M/L/(VL) SU/SP/(H)/M/L Type: Driftwood Seaweed

IL MORPHOLOGY

oled Oil: ___ %			SU/SP/H/M/L
ree" Oil: ___ %			SU/SP/H/M/L
lattered: 10 %	H/M/L/(VL)		SU/SP/(H)/M/L
ated: ___ %	H/M/L/VL		SU/SP/H/M L
ncakes/Balls: 90 %			SU/SP/(H)/M/L

Preliminary Cleanup Est.
Total TYPE A: 1,000 m
Total TYPE B: ___ m
Total TYPE A/B: ___ m

IL WEATHERING

esh: ___ %		SU/SP/H/M/L
ousse: 100 %		SU/SP/(H)/M/L
eathered Mousse: ___ %		SU/SP/H/M/L
sphalt Mousse: ___ %		SU/SP/H/M/L
ar: ___ %		SU/SP/H/M/L

OMMENTS
1) VERY LIGHT OILING OF BEACH (2a) - (2b).
2) OTHERWISE, NO OIL.

ACE 1853133

DOCUMENTATION:

(Map)/Aerial photo marking segment boundaries See Attached

VTR: (Y)/N Tape Number(s) KOS-19

Photography: (Y)/N Roll Number(s) DMC-22

Sample Numbers Collected: N/A

KILIUDA B. Rick Gillie

SEGMENT K08-12-KL-01

Santa Flavia Bay

Stop 1 @ 14:01
- sheltered mixed sand/gravel beach,
- 200 m long
- NO OIL OBSERVED

Stop #2 @ 14:18
(2a)
- small mouse paths/furballs
- 1"-2" diam.
- 1 every /2 m of beach in HTZ

- Collect isolated oiled staves.
- mouse splatter on staves
- some oiled debris at HTZ
- Clean-up at 2a
- ~~Less oil bay creek mouth~~
- continues up creek!

ACE 1853135

Rick Gillie

July 26/89

15:10

(25) - Mod less old on west side of river
- 1" source splatter every 10-20 m of beach
- similar to 2a /
- individually oiled stones (gravel) in HTZ
- also oiled debris

- Needs 4 people to walk beach in 4 hours to pick up all oiled stones / debris!

- Beach becomes cobble / gravel at the west end

15:20
Fly coast - rocky to ERMINE PT
NO OIL

15:30 Complete survey
RETURN to KODIAK
16:30 Down at Kodiak

ACE 1853136

ACE 1853137

ECOLOGICAL EVALUATION

LOCATION: Inner Right Cape to Ermine Point, Santa Flavia Bay, Kiliuda Bay SITE: K-8-12 OBSERVER: D. McCormick

LOCATION PREFIX: KL SEG. NO.: 1 LENGTH: 6800 (M)

DATE: 7/26/89 TIME (HHMM): 1400 TIDE HT.: + 0.75 (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)

Dense on rock/boulder sections of segment.

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

Dense on rock/boulder sections of segment

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

Dense on rock/boulder sections of segment

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

None observed.

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

Shells only on beach # 2

OTHER OBSERVATIONS: Dolly varden/salmon jumpers, fox and deer tracks on beach. Fauna of rocky areas: Philospadix, Alaria, Nereocystis, Endocladia. Beach fauna: shells of green + purple sea urchins, Clinocardium, Saxidomus, Fusitriton, jingles, Protothaca, dungeness crabs, hyas crabs, Notoacmea, Mytilus. No live biota observed

CLEANUP PRECAUTIONS: None.

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

BIRDS: Black-legged kittiwakes

GENERAL OBSERVATIONS: This segment composed of rock headlands with pocket and sandy beaches. Two stops were made to look for oil. None observed on first beach. 2nd beach had pancake and asphalt mousse in upper ITZ - light to very light oiling

ACE 1853138

(Version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 26-JULY-1989 Location KODIAK B-3 Site KB-12/

Location Prefix KL- Segment # 1 Length 6.8 KM

Survey Method:

Air ~70% (A - indicate on map) Boat — (A - indicate on map)

Ground ~30% (G - indicate on map)

Known cultural resources (AHRS #) KOD-76 Data Source AHRS

Oil conditions/beach visibility VERY LIGHT OIL; VISIBILITY POOR FROM COPTER

Width of beach zone surveyed 0-30 m Tree fringe surveyed 0-40 m

Cultural resources observed in beach zone (AHRS code) FCR, MDN

Cultural resources observed in tree fringe (AHRS code) FCR, MDN, HSP

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

Shore Profile STEEP CLIFFS W/ NARROW BOULDER BEACHES EXCEPT FOR BROAD SAND/PEBBLE BEACH AT HEAD OF BAY

Fresh Water Sources SALMON STREAM AT HEAD OF BAY

Sea Exposure RELATIVELY PROTECTED BAY

Access/Safety ACCESS BY BOAT LIMITED ALONG STEEP ROCKY CLIFFS

Probability of undiscovered sites in beach zone (circle one) 1 (2) 3 4 5

Monitoring during cleanup needed (yes) no Collection yes (no)

Photos: Color Roll # — Frames —

B/W Roll # DMC-22 Frames 22-25

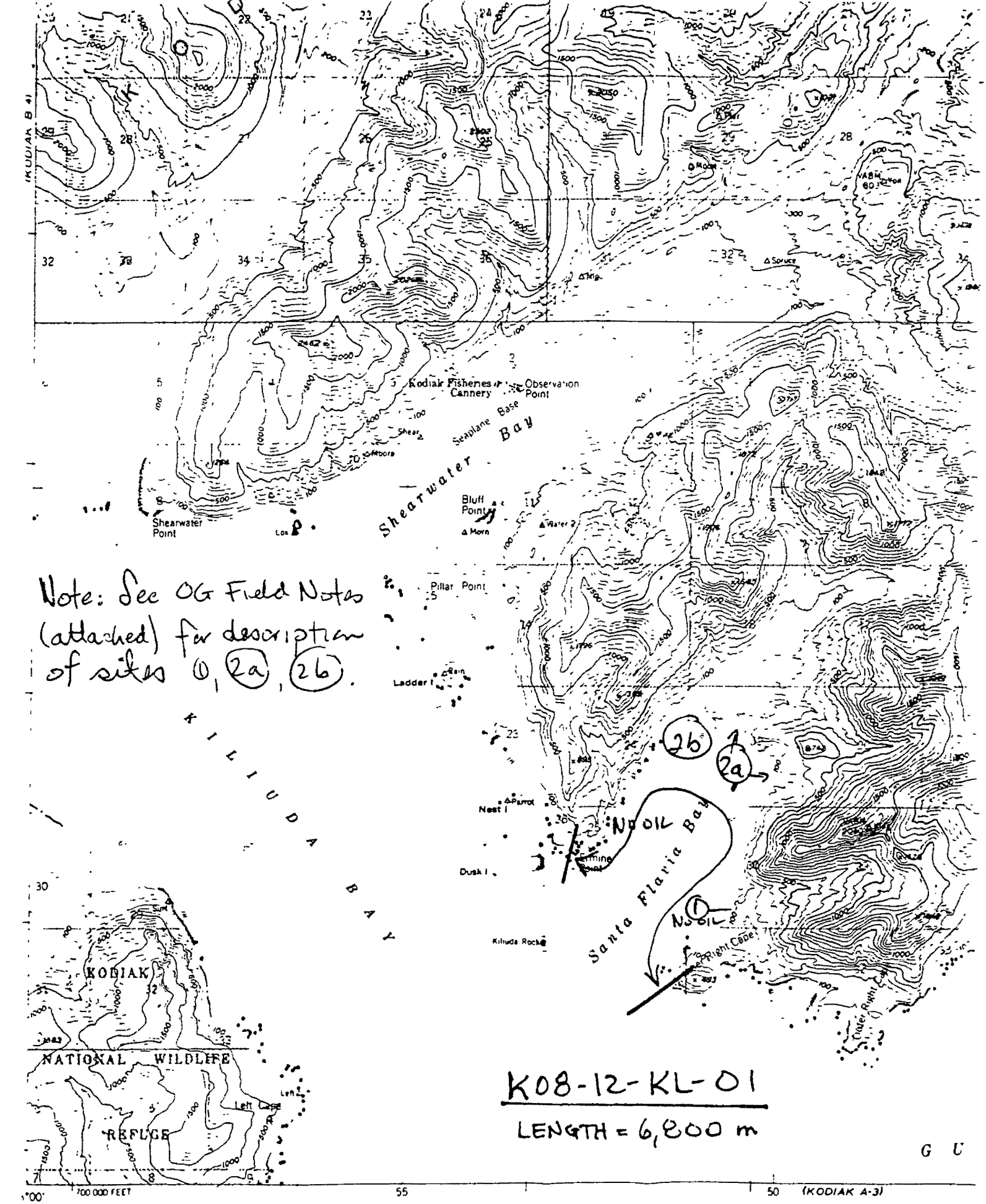
Observer(s) JON ERLANDSON

Time survey started 1400 Time survey ended 1530

Cultural resource considerations/restraints:

STANDARD CONSTRAINTS; IF CLEANUP IS NECESSARY IN FRONT OF KOD-76 OR "SANTA FLAVIA 2," AN ARCHAEOLOGICAL MONITOR SHOULD BE REQUIRED.

ACE 1853139



Note: See OG Field Notes (attached) for description of sites 0, (2a), (2b).

K08-12-KL-01

LENGTH = 6,800 m

G U

Mapped, edited, and published by the Geological Survey

Control, and coastal data in part by USC&GS

Topography by photogrammetric methods from aerial photographs taken 1947. Field checked 1949

SCALE 1:63360

ACE 1853140 -1L/S/HF