SEGMENT INSPECTION RECORD

ORIGINAL COPY

ADEC # K1-19

Shoreline Segment: SE-7

Yards Signed Off

Shoreline Treatment Process(es) Completed for this Segment

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

Exxon

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

Exxon Comments

Signature _____ Date 8/31/89 Time 1600

Printed Name Jim Wade

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
0	Heavy
0	Medium
—	Light
—	Very Light

100%

Subsurface Oil

[ ] Yes [ ] No

Comment Below

Reassessment

[X] Yes - Necessary

[ ] No - Not necessary unless re-oile

Aerial Survey only

ADEC Rep

Comments Please see SE-2 for comments

Signature Clarke A Pelz Date 9-13-89 Time 7 PM

Printed Name Clarke A Pelz

FOSC Rep Demobilization approved/disapproved

Comments

Signature James W Crouse MSTC Date 13 Sep 89 Time 1735

Printed Name James W Crouse MSTC

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

ACE 6726090 F/S/HF

ORIGINAL

TYPE A SHORELINE CLEANUP WORK ORDER

Date 8/03/89 **Shoreline Segment** K1-19-SE-2,5,7

RECEIVED AUG 21 89

Location (see map)

W of Tolstoi Pt. at E end of Seal Bay (Afognak)

ADEC No. K1-19 **Shoreline assessment date** 7/26/89

Recommended cleanup activities

SE-2 - Manual removal of oiled debris, tar balls and mousse patties.- .SE-5 -Manual removal of mousse patties and tar balls.SE-7 - Manual removal of mousse patties and tar balls in mid and high tidal zone. No cleanup recommended in SE-1,3,4,6,8 &9

Priority cosiderations

SE-2 - Class 3A - Pinniped haulouts on offshore rocks -Bald eagle nests within segment. SE-5 - Class 5-A - Possible salmon streams in the area. Winter storms will probably clean beaches naturally. SE-7 - Class 5-A - Possible anadromous streams within segment. Clam beds in Bay. Sea otters and Bald Eagles present.

Ecological constraints

SE-2 -Avoid pinniped haulout rocks and oil contamination of healthy lower intertidal zone. -Avoid heavy foot traffic on vegetated hillsides. SE-5 - Avoid contamination of shallow subtidal sea grass beds at head of bay and streams. Avoid islands in K1-19-SE-9 which contain seabird colonies. SE-7 - Avoid cleanup near anadromous streams and fresh water pools in grassy high intertidal zone areas.

Archaeological constraints (from site survey)

SE-7 - An archaeological monitor is required prior to and during any cleanup conducted in this segment.
If any archaeological or historical sites or artifacts are discovered during the clean up activity, they must remain undisturbed and the Exxon archaeologist Jim Haggarty contacted (486-5680) (take action prescribed in the "Guideline for Shoreline Cleanup" dated 4/21/89 as amended).

Submitted by: _____ **Date** 8/21/89
Exxon

Approved: _____ **Date** 8/21/89
Federal On-Scene Coordinator

ACE 6726091

ORIGINAL

TYPE A SHORELINE CLEANUP WORK ORDER

Date 8/03/89 **Shoreline Segment** K1-19-SE-2,5,7

Location (see map)

W of Tolstoi Pt. at E end of Seal Bay (Afognak)

ADEC No. K1-19 **Shoreline assessment date** 7/26/89

Recommended cleanup activities

SE-2 - Manual removal of oiled debris, tar balls and mousse patties.- .SE-5 -Manual removal of mousse patties and tar balls.SE-7 - Manual removal of mousse patties and tar balls in mid and high tidal zone. No cleanup recommended in SE-1,3,4,6,8 &9

Priority cosiderations

SE-2 - Class 3A - Pinniped haulouts on offshore rocks -Bald eagle nests within segment. SE-5 - Class 5-A - Possible salmon streams in the area. Winter storms will probably clean beaches naturally. SE-7 - Class 5-A - Possible anadromous streams within segment. Clam beds in Bay. Sea otters and Bald Eagles present.

Ecological constraints

SE-2 -Avoid pinniped haulout rocks and oil contamination of healthy lower intertidal zone. -Avoid heavy foot traffic on vegetated hillsides. SE-5 - Avoid contamination of shallow subtidal sea grass beds at head of bay and streams. Avoid islands in K1-19-SE-9 which contain seabird colonies. SE-7 - Avoid cleanup near anadromous streams and fresh water pools in grassy high intertidal zone areas.

Archaeological constraints (from site survey)

SE-7 - An archaeological monitor is required prior to and during any cleanup conducted in this segment.
If any archaeological or historical sites or artifacts are discovered during the clean up activity, they must remain undisturbed and the Exxon archaeologist Jim Haggarty contacted (486-5680) (take action prescribed in the "Guideline for Shoreline Cleanup" dated 4/21/89 as amended).

Submitted by: _____ **Date** 8/21/89
Exxon

Approved: _____ **Date** 8/21/89
Federal On-Scene Coordinator

ACE 6726092

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 8/03/89 SHORELINE SEGMENT K1-19-SE-7

LOCATION: (see enclosed map) SW shore of Seal Bay

ADEC NO._____ SHORELINE ASSESSMENT DATE: 7/29/89

Recommended Cleanup Activity(ies):
- -Manual removal of mousse patties and tar balls in mid and high tidal zone.

Priorities/ Considerations: Class 5-A
- -Possible anadromous streams within segment.
- -Clam beds in Bay.
- -Sea otters and Bald Eagles present.

Ecological Constraints (from site survey):
- -Avoid cleanup near anadromous streams and fresh water pools in grassy high intertidal zone areas.

Archaeological Constraints (from site survey):
- -An archaeological monitor is required prior to and during any cleanup conducted in this segment.
- -If heretofore undiscovered cultural materials are uncovered during cleanup, contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

Douglas Reger Date: 8/17/89
State Historic Preservation Officer *

EXXON:_____ Date:_____

FOSC:_____ Date:_____

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

ACE 6726093

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 8/03/89 SHORELINE SEGMENT K1-19-SE-7

LOCATION: (see enclosed map) SW shore of Seal Bay

ADEC NO._____ SHORELINE ASSESSMENT DATE: 7/29/89

Recommended Cleanup Activity(ies):

-Manual removal of mousse patties and tar balls in mid and high tidal zone.

Priorities/ Considerations: Class 5-A

-Possible anadromous streams within segment.
-Clam beds in Bay.
-Sea otters and Bald Eagles present.

Ecological Constraints (from site survey):

-Avoid cleanup near anadromous streams and fresh water pools in grassy high intertidal zone areas.

Archaeological Constraints (from site survey):

-An archaeological monitor is required prior to and during any cleanup conducted in this segment.
-If heretofore undiscovered cultural materials are uncovered during cleanup, contact Exxon's Archeological Field Director and take actions prescribed in the Operational Guidelines for Shoreline Cleanup dated 4/21/89 as amended.

Douglas Reger Date: 8/17/89

State Historic Preservation Officer *

EXXON:_____ Date:_____

FOSC:_____ Date:_____

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

rsion July 05, 1989)

IORELINE OIL EVALUATION

e: 7/29/89 / Time: 10:35-12:00 / 1:30-3:00 Observer: KAROLIEN AEBUSCHER
veyed From: Foot/Boat/Helio/Plane Weather: Sun/Cloud/Rain/Snow/Fog

ATION

ation: SW-SHORE OF SEAL BAY Segment ID: M1-19 SE-7
ment Length: 12530 ± m. Access: Vehicle/Boat/Barge/Helio/Float Plane
ess Restrictions: EASIEST ACCESS WITH SMALL BOATS DURING LOW TIDE
SOME VERTICAL CLIFFS

RELINE

reline Type: SPI/BEA/COV/HLD/STRT Slope: Lo/Med/Hi/Vert
e Exposure: High/Med/Low
iment: B 35 % / C 20 % / P 10 % / G&S 10 % / M 0 % / R 25 %

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

DISTRIBUTION

tinuous % of Segment 0 SU/SP/H/M/L H/M/L/VL
radic % of Segment 3% SU/SP/H/M/L H/M/L/VL

	Length (m)	Width (m)
al		
y light:		
ght:		
derate:		
avy:		

Thickness >1cm: 0 cm SU/SP/H/M/L
Penetration/Rework: 0 cm SU/SP/H/M/L
Burial Depth: 0 cm SU/SP/H/M/L

ization Potential: High/Medium/Low
Debris Oiled? Y/N Amount: H/M/L/VL SU/SP/H/M/L Type: L06

MORPHOLOGY

oled Oil:	0 %		SU/SP/H/M/L
ee" Oil:	0 %		SU/SP/H/M/L
attered:	5 %	H/M/L/VL	SU/SP/H/M/L
ted:	0 %	H/M/L/VL	SU/SP/H/M/L
ncakes/Balls:	15 %		SU/SP/H/M/L

Preliminary Cleanup Est.

Total TYPE A: 2700 m
Total TYPE B: 0 m
Total TYPE A/B: 0 m

WEATHERING

esh:	0 %	SU/SP/H/M/L
usse:	0 %	SU/SP/H/M/L
thered Mousse:	80 %	SU/SP/H/M/L
ohalt Mousse:	15 %	SU/SP/H/M/L
:	5 %	SU/SP/H/M/L

MENTS

LARGE SECTIONS OF THE SEGMENT WERE OBSERVED BY SKIFF. EVERY SPOT WE LANDED OIL WAS PRESENT. → ASSUMED OIL ALONG WHOLE SEGMENT EVEN THOUGH MAP INDICATES NO VISIBLE OIL!
OIL DISTRIBUTION IS SPORADIC THROUGH OUT WHOLE SEGMENT
± 50% IS ACCESSABLE W SMALL BOATS.

ACE 6726095

K. DEBOSSCHERE

DOCUMENTATION:

Map/Aerial photo marking segment boundaries ATTACHED

VTR: Y/(N) Tape Number(s) _____

Photography: (Y)/N Roll Number(s) 21-5

Sample Numbers Collected: —

FIELD NOTE

MAP OF DEGREE OF OILING

7/29/89 || H1-B SE-7 K. DEBUSSCHERE 10:35

(1)

* LOCATION (1)

. VERY SMALL G. BEACH (SLATE) W LITTLE WATERFALL COMING OUT
. 3 MOUSSE PATTIES AT H. TIDE I3 // APART
. LOGS AT M/H, ALGAE AT H
. STEEP C/B/P/G BEACHES FLANKING LOC (1)

* SKIFF: SAME: STEEP B-BEACHES

* LOCATION (2)

(A) SEE SKETCH) B-BEACH: (ANGULAR) - MOUSSE PATTIES AT M/H
ALGAE AT M/H LOGS A/SP
SOME TAR SPLASH AT M & TARBALLS AT M/H

(B) INTERTIDAL G. BEACH (MEDIUM ANGLE) OIL PATTIES (MOUSSE,
M & H - TARBALLS

(C) CLIFF & B-BEACH: MOUSSE PATTIES

(D) STORM INTERTIDAL BEACH " " ON N SIDE
NO OIL ON S-SIDE

(E) MOUSSE PATTIES IN M/H
B. AT H/M P/G/C AT M/L

* SKIFF

B-BEACHES (VERTICAL) - CLIFF - B-BEACH - CLIFF

* LOCATION (3)

3 G. BEACHES IN BETWEEN STEEP B-BEACH
AGAIN DENSE MOUSSE PATTIES AT M/H/SP

12:00

ACE 6726097

7/29/89 M1-19 SE-7 CONT 16:30 A. KOLYGIN DEBUSSCH.. (2)

* LOCATION (4)

CLIFF W. BOULDER BEACH AT FOOT

OIL AT M/H

* FURTHER S: INACCESSIBLE

* LOCATION (5)

H. ANGLE G. BEACH (POCKET) N-BEAM; FLANKING: B/C/P/G

BEACHES ± STEEP

→ OIL AT M/H (MOUSSE); SOME TAR SPLASH AT M

⇒ STILL SAME Δ AS EARLIER IN SEGMENT

* GOING ACROSS BOOM (OIL ON BOOM)

SPORADIC MOUSSE PATTY ACROSS BOOM

POTENTIAL ANADROMOUS STREAM.

* SKIFF: B-BEACHES B/C/P/G BEACHES W SMALL G. BEACHES

* LOCATION (6)

G. BEACH; FLANKING B. BEACHES

MOUSSE AT M/H

TARBALLS " "

POTENTIAL ANADROMOUS STREAM

* SKIFF - " -

* LOCATION (7)

H. ANGLE B/C BEACH - HIGH ENERGY - SAME OIL Δ

AT S-SIDE C/P BEACH (TOMBOLO) - OIL

* SKIFF: H-ANGLE BEACH & CLIFF → INACCESSIBLE

* LOCATION (8)

SEE SKETCH

MOUSSE PATTIES: M/H; TAR SPLASH: M/H/SP

* SKIFF: SAME

ACE 6726098

* LOCATION (9)

STEEP B-BEACH, CLIFF & B-BEACH: SPORADIC MOUSSE PATTIES AT M/H

/29/89 KI-19 SE-7 CONT K. DOBUSSCHER

(3)

* SKIFF : CLIFF

* LOC (10) : END OF BAY : G. BEACH - ALL ALONG END OF BAY:
(SPORADIC OIL) OIL AT M/H/SP : MOUSSE & TAR BALLS

* SKIFF : CLIFF END 18:50

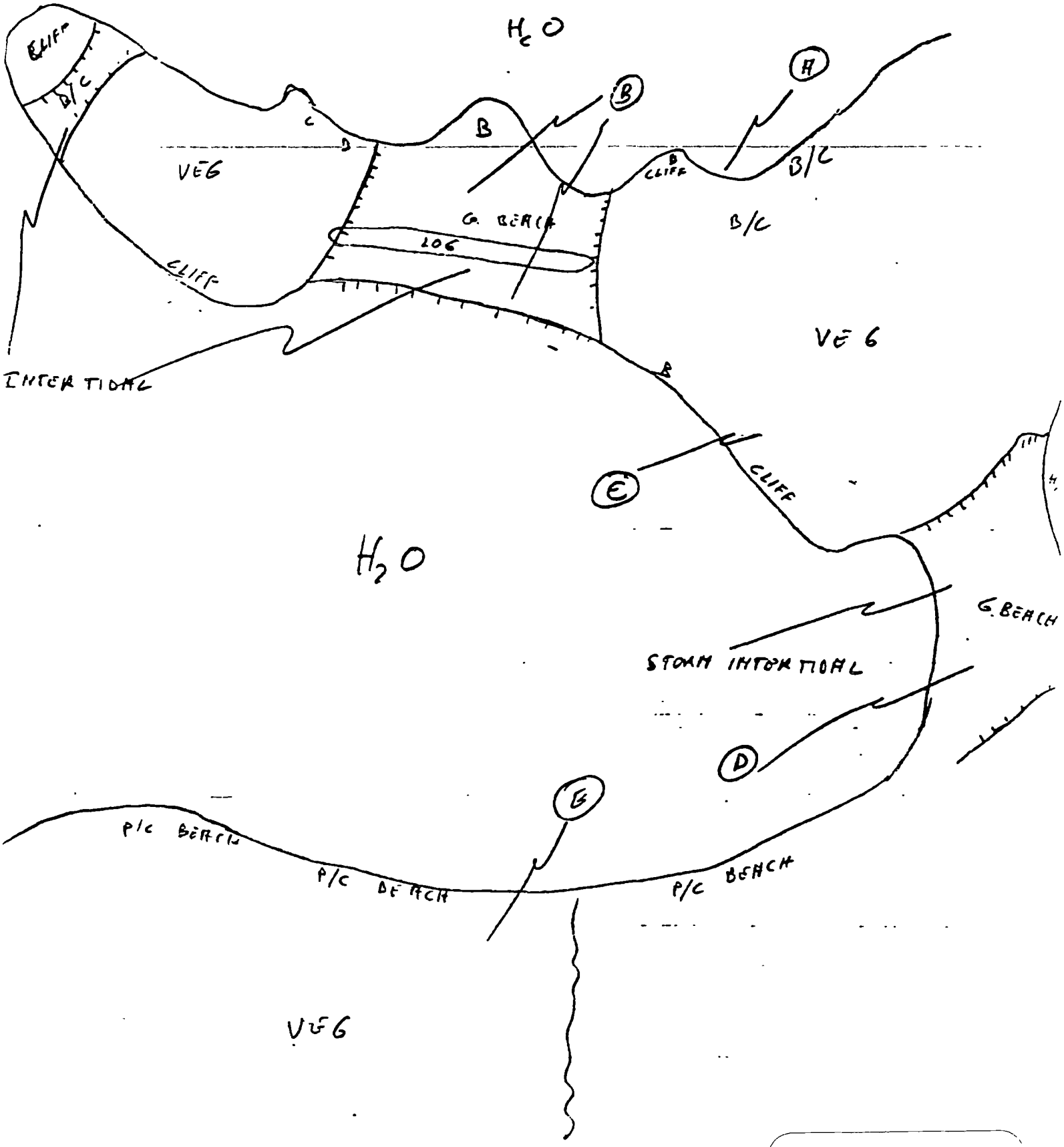
* LOC (11) : STILL SAME OIL.

ACE 6726099

KI-19 SE-6

LOCATION (2)

H. DEBUSSCHERE

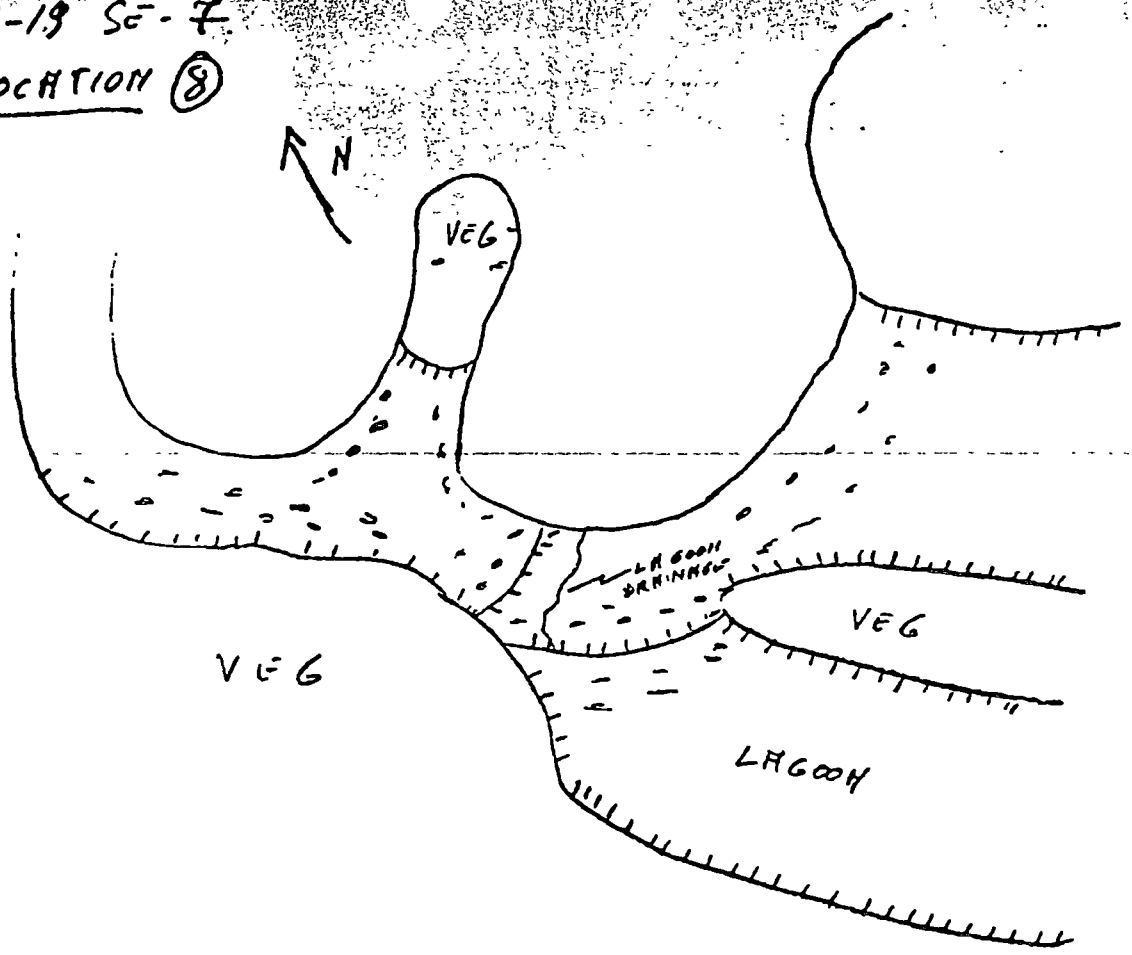


ACE 6726100

H. DEBUSSCHERE

H1-19 SE-7

LOCATION (8)



: : MOUSSE PATTIE

ACE 6726101

ECOLOGICAL EVALUATION

LOCATION: Seal Bay SITE: Rocky Bay to Back Bay OBSERVER: J. Topley

LOCATION PREFIX: KI/SE SEG. NO.: KI-89-SE-7 LENGTH: 12530 (M)

DATE: 7/29/89 TIME (HHMM): 1035-1200 1630-1850 TIDE HT.: +1.5 → +2.5m (M)
+1m → +1.4 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: All biota in good condition. Possibly 2 anadromous streams in "Rocky Bay" Numerous jellyfish in H2O and also on beaches. Red tide present. (See map for location).

CLEANUP PRECAUTIONS: Difficult access to most of segment. Avoid clean up near anadromous streams and freshwater pools in grassy areas.

MAMMALS: Sea Otters 7 Harbor Seals ___ Sea Lions ___ Whales ___
Other ← 2 pups

BIRDS: 2-Bald Eagles, Kittiwakes, Terrestrial birds.

GENERAL OBSERVATIONS: Segment largely protected in back bays. Large boulder shores w/pebble cobble pocket beaches. Phyllospadix beds at heads of shallow inlets. Driftwood is abundant in pocket beaches and algal drift is light.

ACE 6726102

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 29 July 1989 Location Seal Bay Afognak Island Site

Location Prefix SE Segment # SE-7 (CK1-19/SE-7) Length 12,530 m

Survey Method:

Air _____ (A - indicate on map) Boat ✓ (A - indicate on map)

Ground ✓ (G - indicate on map)

Known cultural resources (AHRS #) ~~AFG-078, AFG-068~~ Data Source AHRS

Oil conditions/beach visibility Very light oiling

Width of beach zone surveyed 0-75 m Tree fringe surveyed Up to 100m

Cultural resources observed in beach zone (AHRS code) None

Cultural resources observed in tree fringe (AHRS code) None

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

Shore Profile Low-lying to medium rising coastline - gravel/cobble/boulder beaches

Fresh Water Sources Streams

Sea Exposure Relatively protected

Access/Safety None

Probability of undiscovered sites in beach zone (circle one) 1 2 3 (4) 5 - insufficient grounds to support recommendation

Monitoring during cleanup needed (yes) no Collection yes (no) BH 8-4-89

Photos: Color Roll # None Frames —

B/W Roll # None Frames —

Observer(s) TJ L. DILLIPLANE

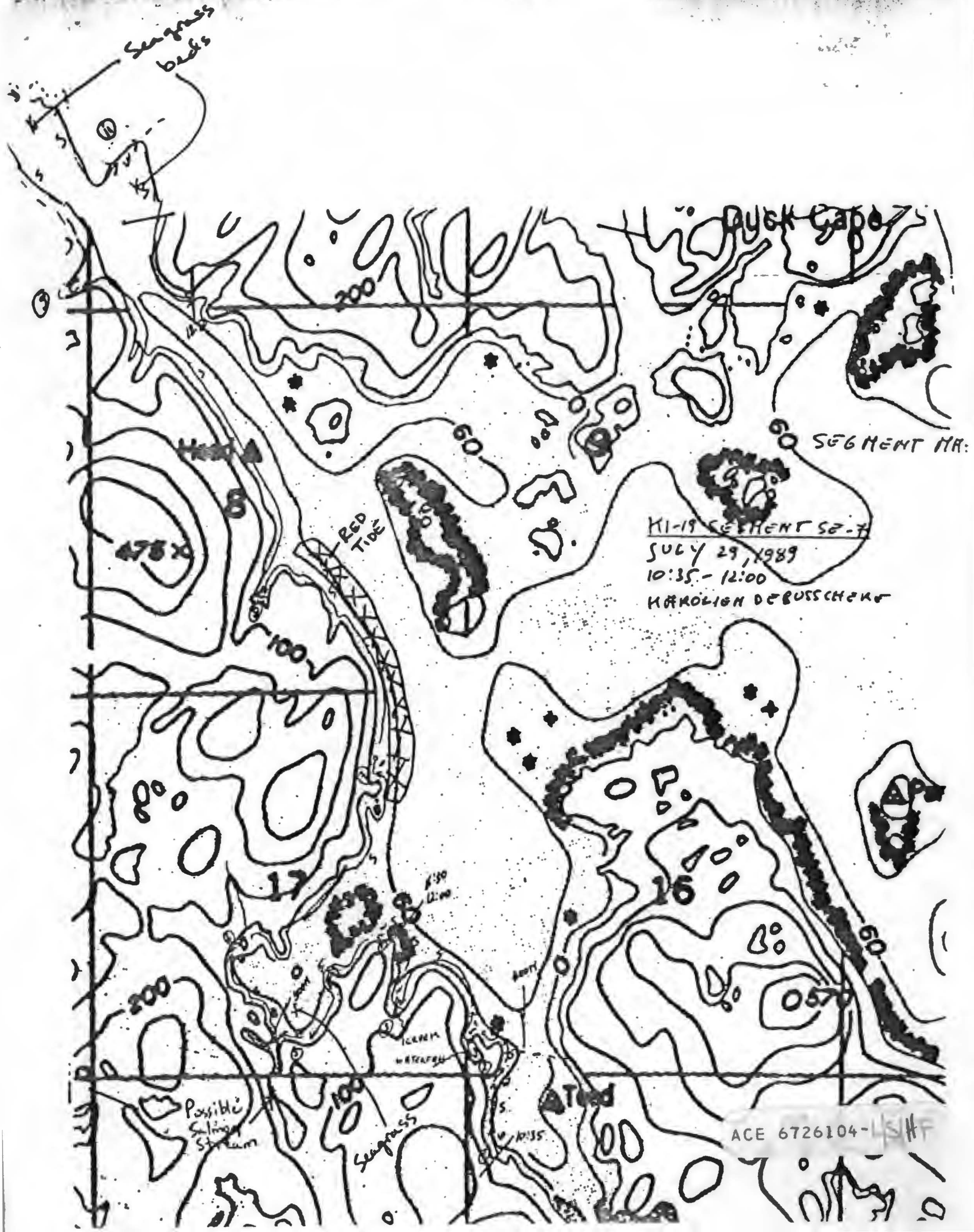
Time survey started 1035 hrs / 1638 " Time survey ended 1200 hrs / 1850 "

Cultural resource considerations/restraints:

① ~~Archaeological monitor recommended~~

② Standard constraint

ACE 6726103


Seagrass beds
Duck Cape
200
60
SEGMENT MR:
KI-19 SEGMENT SE-7
JULY 29, 1989
10:35 - 12:00
RED TIDE
100
17
16
Possible Salinity Stream
Seagrass
10:35
ACE 6726104-LSHF