

ORIGINAL

SEGMENT INSPECTION RECORD

COPY

ADEC # K1-16Shoreline Segment: PE-1

Shoreline Treatment Process(es) Completed for this Segment

Yards Signed Off

☐

Hot water wash

☐

Mechanical

☐

Warm water wash

☒

Non-mechanical

☐

Water deluge

☐

Other

Exxon

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

Exxon Comments

Signature

Date 8/24/89Time 1530

Printed Name

Jim WadeExisting Shoreline Condition As
Visually Determined by USCG

Surface Oil

Percent Degree of Oiling

☐
☐
☐
☐ 21%

Heavy

Medium

Light

Very Light

100%

Subsurface Oil

☐

Yes

☒

No

Comment Below

☐

Reassessment

Yes - Necessary

☒

No - Not necessary unless re-oiled

ADEC Rep

Comments

WEATHERED MOUSSE 1-2" SIZE 1/2" THICK ON SURFACE - SPORADIC PATTIES ON GRAVEL SAND BEACH 20 FT FROM ONE TO ANOTHER - EASILY REMOVED ON THIS SEGMENT BY HAND OIL IS AT HIGH TIDE LINE

Existing Shoreline Condition As
Visually Determined by ADEC

Surface Oil

Percent Degree of Oiling

☐
☐
☐
☐ 21%

Heavy

Medium

Light

Very Light

100%

Subsurface Oil

☐

Yes

☒

No

Comment Below

☐

Reassessment

Yes - Necessary

☒

No - Not necessary unless re-oiled

Signature

William R. RiethDate 27 AUG 89 Time 15:47

Printed Name

WILLIAM R. RIETH

FOSC Rep

Demobilization approved/disapproved

Comments

Three mousse patties found (1-2" size) length of beach: 300 ft. width: 50 ft. no evidence of subsurface oil.

Signature

Paul C. Masella, LTJG, USCGDate 27 AUG 89 Time 1550

Printed Name

PAUL C. MASELLA

Copy: Exxon

ADEC

FOSC

ISCC

Return All Signed Originals to Exxon

ACE 67260761-FIS/HP

(version 6/04/89)

SHORELINE PRE-CLEANUP ASSESSMENT BLOCK REPORT

Block (see enclosed map): K1-16

Includes Shoreline Segments: PE-1

Location: Pernosa 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

ACE 6726077

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 7/16/89

SHORELINE SEGMENT K1-16-PE-1

LOCATION: (see enclosed map) Perenosa Bay NE Afognak Island

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 7/04/89

Recommended Cleanup Activity(ies):

-No cleanup recommended at this time due to apparent absence of oil. Subject to FOSC reassessment at a later date.

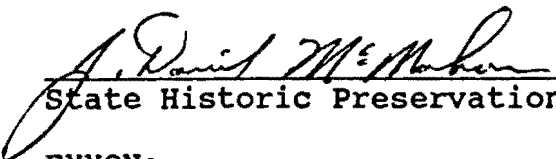
Priorities/Considerations:

Ecological Constraints (from site survey):

-If oiling occurs and cleanup is conducted restrict access to segment, particularly beaches 5 and 8 as they are anadromous fish streams.

Archaeological Constraints (from site survey):

-If cleanup is conducted, no access to the upland zone by cleanup crews.


State Historic Preservation Officer *

Date: 7/30/89

EXXON: _____

Date: _____

FOSC: _____

Date: _____

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

ACE 6726078

SHORELINE OIL EVALUATION FORM - KODIAK

Date: 7/4/89 Time: 08:00

Observer: G. MACDONALD

Surveyed From: Foot/Boat/Helicopter/Plane

Weather: Sun/Cloud/Rain/Snow/Fog

LOCATION PERCENOSA BAY
LOCATION N.E. AFOGNAK IS.

SEGMENT I.D. K1-16
PE-1

LENGTH OF SHORELINE SEGMENT: 13,770 m

ACCESS: Foot/Vehicle/Boat/Barge/Helicopter/Float Plane

SHORELINE: ROCKY
Shoreline Type: SPI/BEA/COV/HLD/STRT
NORTH FACING BAYS: NO

Slope: LANG/HANG/VER

Wave Exposure: High/Med/Low 10%

Sediment: B 10 / C 5 / P 5 / G 5 / S TRACE / M TRACE / R 75

Drift Debris on Beach: Yes/No Supra/Upper/Mid/Lower Type LOGS - ROCK BEACHES ONLY, N. FACING.

OIL
Degree of Oiling: Heavy/Moderate/Light/No Oil/Unobserved/Very Light

Total Area of Beach Impact: SU / SP / H / M / L

OIL DISTRIBUTION

Continuous: Y/N Segment NOT APPLICABLE No. Bands NOT APPLICABLE Width NOT APPLICABLE

Sporadic: Y/N Segment NOT APPLICABLE Min/Max Dia NOT APPLICABLE Impact Width NOT APPLICABLE

Oil Thickness where > 1cm: NOT APPLICABLE cm. SU / SP / UP / MID / LO

Est. Oil Penetration: NOT APPLICABLE cm SU / SP / UP / MID / LO

Layers? Yes/No No Layers NOT APPLICABLE Oil Weathering NOT APPLICABLE

Drift Debris Oiled? Yes/No Supra/Upper/Mid/Lower Amount: H / M / L / VL

OIL MORPHOLOGY

Pooled Oil NOT APPLICABLE "Free" Oil NOT APPLICABLE Spattered NOT APPLICABLE H/M/L/VL Sheen NOT APPLICABLE

OIL WEATHERING (ON)

Fresh Oil NOT APPLICABLE SU/SP/VP/MID/LO Choc Mousse NOT APPLICABLE SU/SP/VP/MID/LO

Pancake Mousse NOT APPLICABLE SU/SP/VP/MID/LO Asphalt Mousse NOT APPLICABLE SU/SP/VP/MID/LO

Tar Formation NOT APPLICABLE

Comments:

DEBRIS-LADEN MOUSSE BALLS HAVE BEEN MANUALLY

REMOVED FROM PAUL'S BAY FISHERY. - BOOM TENDING

VESSEL "HOLY CROSS" ON SITE.

ACE 6726079

NOTE:

N.-NE. FACING BAYS FROM DELPHIN PT. TO DISCOVERED IS.

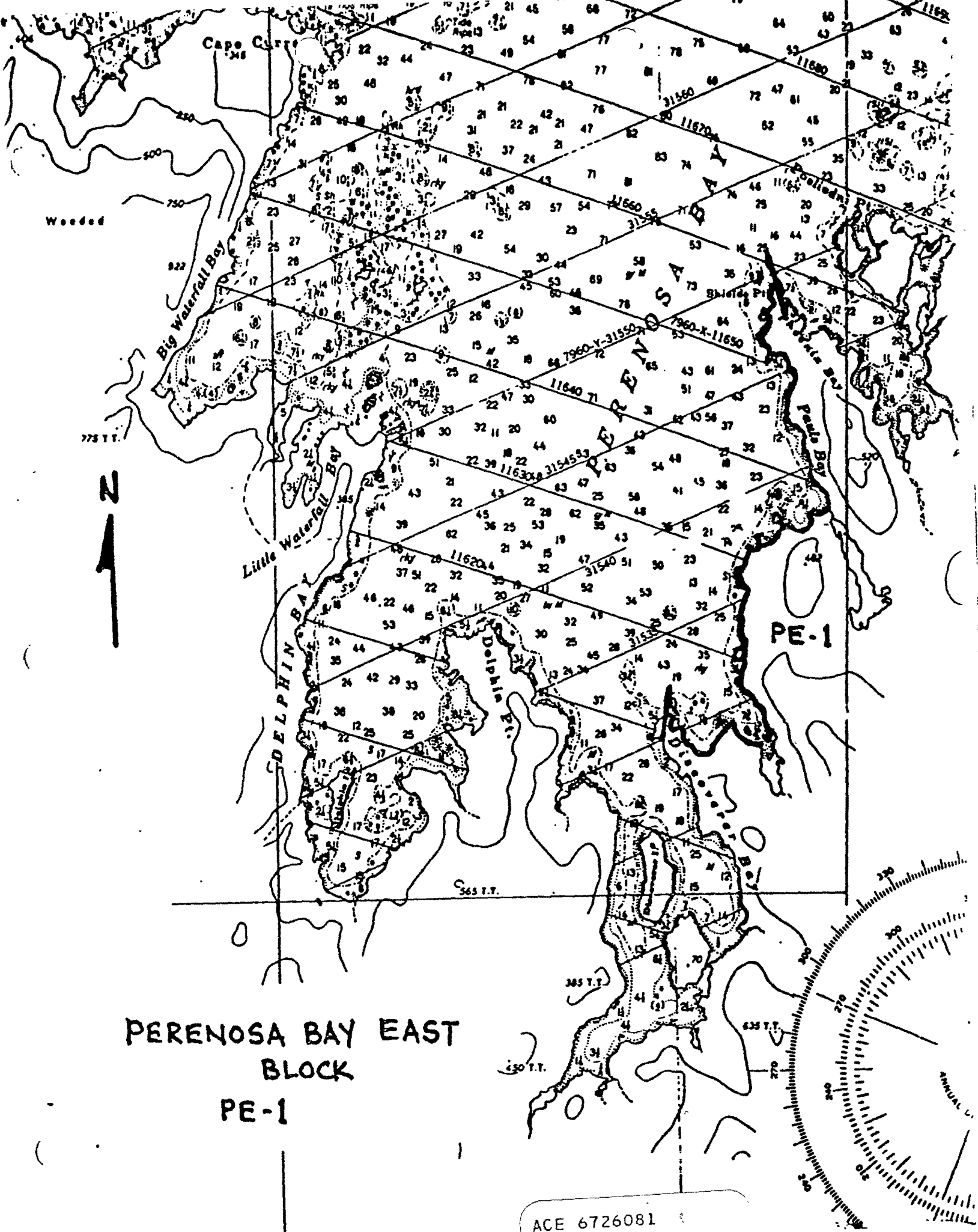
HAVE A TRACE OF MOUSSE BALLS & STRAND LING.

Map Aerial photo marking segment boundaries Attached

VTR: Y/N Tape Number(s) None

Photography: Y/N Roll Number(s) SMB-18 (7/3/89 - 7/4/89)

Sample Numbers Collected: None



SEGMENT : PE - 1

Peterson Bay

7/3/89 p.m.

G. MACDONALD

KEY

← stream

2. location #.

x spot height

Map 1 of 2



ADF&G Regulatory Marker.

PAUL'S BAY

520'
x

red salmon fishery w/
3-boom byers.

mod. L grl
pocket beach,
clean.

x 482'

lake.

1 MILE

low L
pub-grl. pocket

steep-o' hanging
rocky coast,
slatey phyllite &
greywackes,

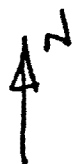
map based on
U.S. Nautical charts

ACE 6726082

Map 2 of 2
7/4/89 a.m.

SEGMENT
(contd.)

→ segment boundary.



steep - o'lang
rock coast, w/ occas.
small pocket; mod.
sheltond.

local rock grain
runs parallel to shore
and dips to seaward
∴ potential trap zone.
clean gvl. pocket

tidal lagoon w/ some
mud flat at S. end.

steep rocky
boulder shore,
no oil.

pan-pan
barn

steep rock
wall, boulder
beach, no oil.

Anachronous
stream.

DISCOVERER
BAY

1 mile

ACE 6726083

7/3/89 SEGMENT PE-1
18.45 hrs (K1-K6)

Shield's Point → Paul's Bay.

skipper-on-site David Jendry "Holy Cross" 4/7
steep rocky coast, stacks, arches, caves
w/ intermittent pocket beaches.

1. clean granule, & prob pocket; low L;
4 pits to 18"; no oil vis
 2. clean gravel pocket, (phyllitic material).
2 pits MTL & UMWL, no oil; "slates"
 3. A/A. 3 pits
 4. A/A 2 pits. 20-15 HAS
 5. Fishery site. debris-laden mouse
splats largely hand collected already.
no treatment necessary here
- 21.00 stop assessment.
- 08.00 continue "

6. 3 gvl. pockets; 2 pits @; no oil.
2 small islets; clean.

7. 09.05 low $\angle$ grl. - granite pocket.
no oil. rock dips $\sim 40^\circ$ W; a
natural trap situation

0. Tide flat + lagoon; rare trace - tiny
oil coated grass blobs - 2 per 100 m.

- 2 mod L feb. gravel beach, no soil; 1 pit.

- [illegible]

10.30

11. mod. $\angle$ peb-grl. pocket beach;
beach entrapped pond, log storm berm
no oil vis.; mod. exposure.
dip 45°

11.00 Δ BEAN.

END of SEGMENT

[Rock colour here lt.-mod. grey,
some dk slate grey]

/ by asite
tender.

Note: "Ofer Bay" was noted as
being most likely area for
oil balls or buried/cooled oil;

a quick inspection was performed @

11.20 1st pocket SE of Delphin Pt:-

debris laden mown patches, egg-head

size @ mid 30m section of upper

HNL strand line.

2 tests pits to 2ft had no oil.

mod $\angle$ cobble-peb beach w/ back.

beach pond.

ECOLOGICAL EVALUATION

LOCATION: Afognak Is SITE: Perenosa Bay OBSERVER: SM BAN
 LOCATION PREFIX: K1-16 SEG. NO.: PE-1 LENGTH: 13,770 (M)
 DATE: 7/3-4/89 TIME (HHMM): 7/3-1900 TIDE HT.: 0 (M)
2/4-0800

OILED ZONE: Splash High Medium Low No significant oil.

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 boulders and cobbles, sparse to nil on gravel - Not oiled

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

Sparse throughout segment. May be more dense subtidally. Not oiled

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

Extremely dense throughout segment. Spots cover cobbles and boulders completely. Less dense on gravel. Very few Nuxella

Littorina

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

Dense among Balanus and in tidal pools. None oiled

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

Some found in pools and throughout ITZ. None oiled.

OTHER OBSERVATIONS: Pagurids dense. Aurelia and Cyanea in water

Katharine and Anthopleura in pools. Salastrea & Pisaster dense at beach 11. Red salmon at Beach 5 (Paul's Bay) and fry at Beach 8.

CLEANUP PRECAUTIONS: No clean up. Restrict access to segment particularly Beaches 5 and 8 (Anastomous Stream)

Locals are cleaning the errant tarball from these beaches

MAMMALS: Otters 10 Harbor Seals _____ Sea Lions _____ Whales _____
 Other Red and Silver Fox (±5)

BIRDS: Oldsquaws, eagles, gulls, crows

ACE 6726086

GENERAL OBSERVATIONS: This segment is clean. No organisms are impacted by oil. Less than 20 tarballs were seen in the entire seg.

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 7-3-89 & 7-4-89 Location NE AFOGNAK ISLAND site EAST PERANOSA BAY

Location Prefix K-1-16 Segment # PE-1 Length 13,770 M

Survey Method:

Air _____ (A - indicate on map) Boat X (98%) (A - indicate on map)

Ground X (2%) (G - indicate on map)

Known cultural resources (AHRS #) AFG-053, 031, 032, 030 Data Source AHRS FILES

Oil conditions/beach visibility LITTLE OR NO OIL - Excellent Beach Visibility

Width of beach zone surveyed 5-10 m Tree fringe surveyed 10-20 M

Cultural resources observed in beach zone (AHRS code) NONE

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

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

Shore Profile 75% Vertical or high angle rock with boulder apron or small pocket beaches.

Fresh Water Sources 5% gravel beaches.
Major Salmon Stream at Beach #5, small creeks and frequent ponds behind storm berms.

Sea Exposure Beaches with western exposure to Peranosa Bay - protected from open ocean.

Access/Safety Relatively safe access - some small islands and off shore rocks.

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 # none Frames _____

B/W Roll # RB-8 Frames 1-15

Observer(s) BOB BETTS

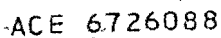
Time survey started 7-3-89 (1800) Time survey ended 7-3-89 (2100)

Cultural resource considerations/restraints: 7-4-89 (0757) 7-4-89 (1052)

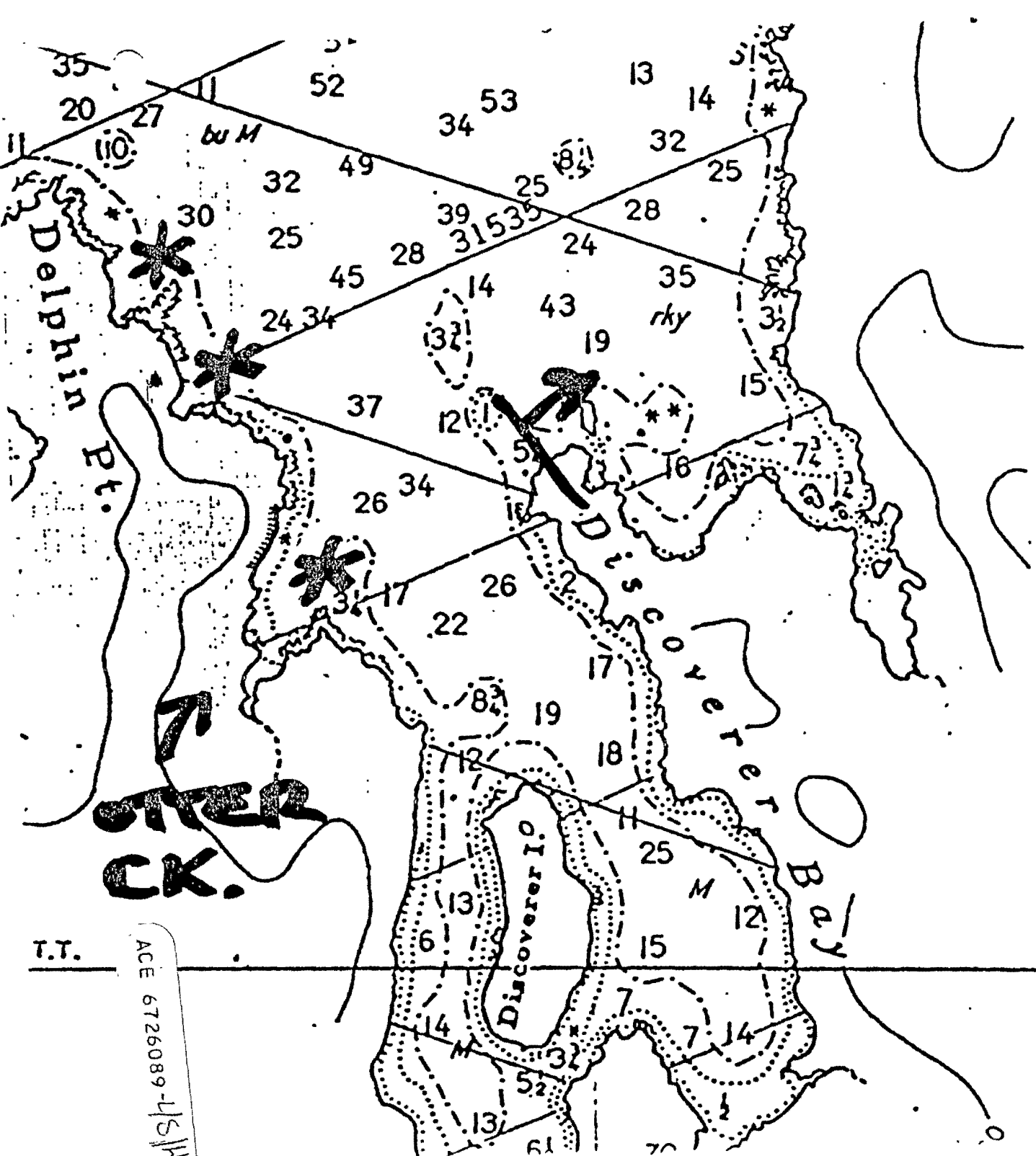
Clean-up crew should be restricted from vegetation zone at beaches 5, 6 and 8. Standalone Statement. No archaeological monitor required for Type A Clean-up. Type B Clean-up would require a monitor at beaches 5, 6 and 8.

ACE 6726087

1972



PE-1
292



NOTE :

These 3 pockets
have trace moussi
balls and are
most likely impacted
in this area.

NOT DOCUMENTED AT
THIS TIME.