PR-3 (uncataloged)
BAY OFF SOUTHEASTERN TIP

ACE 1369659

- Prince William Sound -

DOCUMENTS IN STREAM FILES

ASC# _____ Segment # _____

___ '89 Intertidal Assessment Survey, Sport/Com. Fish
___ '89 Shoreline Clean-Up Program (SAT)
___ '89 Anadromous Fish Stream Authorization, for instream work
___ '89 Stream Treatment Reports
___ '89 Demobilization Reports ___ Bioremediation ___ other
___ '89 RLS Sheet ___ Oil sed. sample ____ Egg sample
___ '89 Fall Walk-a-thon Survey, ADEC
___ '89 Winter Assess. Study Site ___ Winter Stream Survey Form
___ '89 Other Documents _____

_____

_____

_____

___ '90 Pre-Anadscat Survey, multi-assessment form
___ '90 Anadscat Survey
___ '90 Anadromous Fish Stream Evaluation (work order)
___ '90 Anadromous Fish Stream Addendum to work order
___ '90 Shoreline Evaluation, SAT and work order for segment
___ '90 Anadromous Fish Stream Authorization, Title 16 permit
___ '90 Stream Treatment Report
___ '90 ADEC Demobilization Report for Bio
___ '90 ADF&G Oiling Condition Survey, for ASAP use (Aug. Surv.)
___ '90 ASAP Survey ___ ASAP Rec. ____ ADEC Rec. (Sept.)
___ '90 Other Documents _____

_____

_____

_____

_____

ACE 033367

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: PR003 DATE: 09/12/89
LOCATION: SE PERRY ISLAND TIME: 17:05

Survey Type: Boat, Ground
Team: E. Gundlach, C. Pavia, M. Mangiaracina, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: 0
Sea State: Calm Knots: 0

Low Tide: 6:01	Feet: 0.72	High Tide: 12:26	Feet: 10.
Low Tide: 18:02	Feet: 3.77	High Tide: -0-	Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)

Wave Exposure: M,L (H=high, M=moderate, L=low)
Shoreline Composition: R,B,C,G,S
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H,M
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 5 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 40%
Presence of Oiled Driftwood (y/n): n
Oil Types: M,SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: PR003-1 / PR003-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 1

SOLID WASTE FOUND

Type: Many localities, cleanup debris
Bags Collected: 4

Draft Printed: 12/12/89 11:53

ACE 6331868

Walk-a-thon

ASAP Follow-Up Recommendations
TAG Recommendations - August 27, 1990

SEGMENT		
DI-67	A Site 1	Manually rake #SOR prior to bioremediation - reapply bioremediation avoid mussel bed
GR-103	B Site 2	Reapply bioremediation
IN-21	A Site 2	Reapply bioremediation
IN-22	A Site 3	Manual pickup of 1 x 3 m patch of AP indicated on sketch and reapply bioremediation on oiling areas remaining (L.P.)
IN-33	A Site 2	NTR - Reassessment in 1991
LN-02	A Site 1	Manual pickup of mousse/pooled oil followed by bioremediation (H.P.)
LN-08	A Site 2	Reapply bioremediation and reassessment in 1991
LN-06	A Site 1	Reapply bioremediation and reassessment in 1991
MA-05	A Site 2	Reapply bioremediation in areas of SOR and reassessment in 1991
PR-03	A Site 1	NTR - Reassessment in 1991
PR-03	B Site 1	Manual pickup of AP manual raking as required followed by reapplication of bioremediation
PR-04	A Site 2	NTR - Reassessment in 1991
PR-05	C Site 1	Manual pickup of accessible mousse and reapply bioremediation
	Site 2	NTR
PR-07	A Site 1	NTR - Reassessment in 1991
PR-08	B Site 2	NTR - Reassessment in 1991
PR-08	C Site 1	Reapply bioremediation - reassessment in 1991
	Site 2	Reapply bioremediation - reassessment in 1991
PR-13	A Site 2	Manual till where feasible and re-bioremediate
PR-16	A Site 1	Mechanically till mid and UITZ work with rising tide and use snare boom to collect oil
PR-03	D Site 1	Complete manual pickup of mousse and bioremediate
PR-02	A Site 1	Mechanically till use rising tide and snares and apply bioremediation
	Site 2	Mechanically till use rising tide and use snares to recover oil. Reapply bioremediation

TAG APPROVAL DATE Aug 27 90. SHPO _____

EXXON Andy Teal

ADEC Ray Morris, D Morris

USCG G.A. Reiter G.A. Reiter FOSC _____

NOAA Bud Wescott Bud Wescott DATE _____

ACE 6331869

ASAP Follow-Up Recommendations
TAG Recommendations - August 27, 1990

SEGMENT		
DI-67	A Site 1	Manually rake #SOR prior to bioremediation - reapply bioremediation avoid mussel bed
GR-103	B Site 2	Reapply bioremediation
IN-21	A Site 2	Reapply bioremediation
IN-22	A Site 3	Manual pickup of 1 x 3 m patch of AP indicated on sketch and reapply bioremediation on oiling areas remaining (L.P.)
IN-33	A Site 2	NTR - Reassessment in 1991
LN-02	A Site 1	Manual pickup of mousse/pooled oil followed by bioremediation (H.P.)
LN-08	A Site 2	Reapply bioremediation and reassessment in 1991
LN-06	A Site 1	Reapply bioremediation and reassessment in 1991
MA-05	A Site 2	Reapply bioremediation in areas of SOR and reassessment in 1991
PR-03	A Site 1	NTR - Reassessment in 1991
PR-03	B Site 1	Manual pickup of AP manual raking as required followed by reapplication of bioremediation
PR-04	A Site 2	NTR - Reassessment in 1991
PR-05	C Site 1	Manual pickup of accessible mousse and reapply bioremediation
	Site 2	NTR
PR-07	A Site 1	NTR - Reassessment in 1991
PR-08	B Site 2	NTR - Reassessment in 1991
PR-08	C Site 1	Reapply bioremediation - reassessment in 1991
	Site 2	Reapply bioremediation - reassessment in 1991
PR-13	A Site 2	Manual till where feasible and re-bioremediate
PR-16	A Site 1	Mechanically till mid and UITZ work with rising tide and use snare boom to collect oil
PR-03	D Site 1	Complete manual pickup of mousse and bioremediate
PR-02	A Site 1	Mechanically till use rising tide and snares and apply bioremediation
	Site 2	Mechanically till use rising tide and use snares to recover oil. Reapply bioremediation

TAG APPROVAL DATE Aug 27 90 SHPO _____

EXXON Andy Teal

ADEC Ron Morris, R Morris

USCG G.A. Reiter G.A. Reiter FOSC _____

NOAA Burl Wescott Burl Wescott DATE _____

ACE 6331870

ASAP Follow-Up Recommendations
TAG Recommendations - August 27, 1990

SEGMENT		
DI-67	A Site 1	Manually rake #SOR prior to bioremediation - reapply bioremediation avoid mussel bed
GR-103	B Site 2	Reapply bioremediation
IN-21	A Site 2	Reapply bioremediation
IN-22	A Site 3	Manual pickup of 1 x 3 m patch of AP indicated on sketch and reapply bioremediation on oiling areas remaining (L.P.)
IN-33	A Site 2	NTR - Reassessment in 1991
LN-02	A Site 1	Manual pickup of mousse/pooled oil followed by bioremediation (H.P.)
LN-08	A Site 2	Reapply bioremediation and reassessment in 1991
LN-06	A Site 1	Reapply bioremediation and reassessment in 1991
MA-05	A Site 2	Reapply bioremediation in areas of SOR and reassessment in 1991
PR-03	A Site 1	NTR - Reassessment in 1991
PR-03	B Site 1	Manual pickup of AP manual raking as required followed by reapplication of bioremediation
PR-04	A Site 2	NTR - Reassessment in 1991
PR-05	C Site 1	Manual pickup of accessible mousse and reapply bioremediation
	Site 2	NTR
PR-07	A Site 1	NTR - Reassessment in 1991
PR-08	B Site 2	NTR - Reassessment in 1991
PR-08	C Site 1	Reapply bioremediation - reassessment in 1991
	Site 2	Reapply bioremediation - reassessment in 1991
PR-13	A Site 2	Manual till where feasible and re-bioremediate
PR-16	A Site 1	Mechanically till mid and UITZ work with rising tide and use snare boom to collect oil
PR-03	D Site 1	Complete manual pickup of mousse and bioremediate
PR-02	A Site 1	Mechanically till use rising tide and snares and apply bioremediation
	Site 2	Mechanically till use rising tide and use snares to recover oil. Reapply bioremediation

TAG APPROVAL DATE Aug 27 90 SHPO _____

EXXON Andy Teal

ADEC Ray Morris, R Morris

USCG G.A. Reiter G.A. Reiter FOSC _____

NOAA Burl Wescott Burl Wescott DATE _____

ACE 6331871

ASAP Follow-Up Recommendations
TAG Recommendations - August 27, 1990

SEGMENT			
DI-67	A	Site 1	Manually rake #SOR prior to bioremediation - reapply bioremediation avoid mussel bed
GR-103	B	Site 2	Reapply bioremediation
IN-21	A	Site 2	Reapply bioremediation
IN-22	A	Site 3	Manual pickup of 1 x 3 m patch of AP indicated on sketch and reapply bioremediation on oiling areas remaining (L.P.)
IN-33	A	Site 2	NTR - Reassessment in 1991
LN-02	A	Site 1	Manual pickup of mousse/pooled oil followed by bioremediation (H.P.)
LN-08	A	Site 2	Reapply bioremediation and reassessment in 1991
LN-06	A	Site 1	Reapply bioremediation and reassessment in 1991
MA-05	A	Site 2	Reapply bioremediation in areas of SOR and reassessment in 1991
PR-03	A	Site 1	NTR - Reassessment in 1991
PR-03	B	Site 1	Manual pickup of AP manual raking as required followed by reapplication of bioremediation
PR-04	A	Site 2	NTR - Reassessment in 1991
PR-05	C	Site 1	Manual pickup of accessible mousse and reapply bioremediation
		Site 2	NTR
PR-07	A	Site 1	NTR - Reassessment in 1991
PR-08	B	Site 2	NTR - Reassessment in 1991
PR-08	C	Site 1	Reapply bioremediation - reassessment in 1991
		Site 2	Reapply bioremediation - reassessment in 1991
PR-13	A	Site 2	Manual till where feasible and re-bioremediate
PR-16	A	Site 1	Mechanically till mid and UITZ work with rising tide and use snare boom to collect oil

TAG APPROVAL DATE Aug 27 - 90. SHPO _____

EXXON ANDY TORR

ADEC Roy Mearns R Harris

USCG G.A. REITER G.A. Reiter FOSC _____

NOAA Burl Wescott Burl Wescott DATE _____

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 05/18/89 SHORELINE SEGMENT PR-3

LOCATION: (see enclosed map) PERRY ISLAND

ADEC NO. _____ SHORELINE ASSESSMENT DATE: _____

Recommended Cleanup Activity(ies):
Pitch forks/shovels to pick up oiled algae. Saws to cut up branches, tree trunks
High Pressure, hot water flushing on south bank of cove mouth.
Low Pressure, hot water flushing on beach at north bank of cove mouth.

Priorities Considerations:

Ecological Constraints (from site survey):

Attempt to leave fucus hold fasts and mytelis beds as intact as possible.

Archeological Constraints (from site survey):
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.

_____ Date: _____
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 6331873 T/S/AC

SHORELINE OIL EVALUATION

Date: 5/18/89 / Time: 1100-1300 Observer: C. Dillon

Surveyed From: (Foot/Boat)/Helio/Plane Weather: Sun/Cloud/(Rain)/Snow/Fog

LOCATION

LOCATION PERRY ISLAND SEGMENT NUMBER PR-3

LENGTH OF SHORELINE SEGMENT: 2500 m

ACCESS: Foot/Vehicle/(Boat/Barge/Helio/Float Plane)

↳ only just to mouth of cove.

SHORELINE:

Shoreline Type: SPI/(BEA/COV)/HLD/STRT Slope: LANG/HANG/VER

Wave Exposure: High/Med/(Low)

Sediment: B 5 % / C 60 % / P 30 % / G ~~—~~ % / S ___ % / M ___ % / R 5 %

Drift Debris on Beach: (Yes)/No (Supra/Upper/Mid/Lower) Type logs/algae/trash

OIL

Degree of Oiling: Heavy/(Moderate/Light/No Oil)/Unobserved

Area of Beach Impact: SU / SP / (H / M / L)

Continuous: Y/(N) % of Segment _____ Width of Band: _____ m

Sporadic: (Y)/N % of Segment 15

Est. Oil Thickness where > 1cm: _____ cm Est. Oil Penetration: < 8 cm

Pooled Oil: 0 % "Free" Oil: 0 % Coated: H ___ % / M 10 % / L 5 %

Fresh 10 % Mousse 5 % Tar Formation: _____ %

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

only at head of cove

Comments:

See diagram for details. Segment consists of a deep cove with continuous beaches. Most of segment is clean except moderate coating at east and west banks of the mouth and a lot of oiled debris ~~at~~ the beach at the head of the cove. Debris at head of cove which is oiled includes some small trash, a lot of grass and algae and a lot of branches and small tree trunks/logs.

ACE 6331874

DOCUMENTATION:

(Map)/Aerial photo marki_, segment boundaries Attached

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

Photography: Y/(N) Roll Number(s) _____

Sample Numbers Collected: None

ECOLOGICAL EVALUATION

LOCATION: PERRY ISLAND SITE: PR-3 OBSERVER: MEYER

LOCATION PREFIX: PR SEG. NO.: 3 LENGTH: 2500 (M)

DATE: 05 / 18 / 89 TIME (HHMM): 1100 TIDE HT.: _____ (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

Fucus on south side of cove generally oil free + healthy, little fucus on north side.

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

Occasional oiling of mytilus, most dead (alive).

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

Occasional oiling of Balanus.

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

Abundant littorina on rock faces with barnacles and fucus

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

OTHER OBSERVATIONS: Moderately Heavy mousse line of debris at head of cove — collection of debris by hand, peat substrate.

CLEANUP PRECAUTIONS: _____

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

BIRDS: 1 Eagle, 1 Raven, 1 Arctic Tern

GENERAL OBSERVATIONS: _____

ACE 6331876

(version of 4/29/89)

CULTURAL RESOURCE EVALUATION

Date 5/18/89 Location Perry Island Site _____

Location Prefix PR- Segment # PR-3 Length 2500

Survey Method:

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

Ground ✓ (G - indicate on map)

Known cultural resources (AHRS #) None Data Source None

Oil conditions/beach visibility Light + scattered

Width of beach zone surveyed 2-10 m Tree fringe surveyed 10m

Cultural resources observed in beach zone (AHRS code) None

Cultural resources observed in tree fringe (AHRS code) FXF

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

Shore Profile bedrock boulder with large boulders

Fresh Water Sources two streams - one near FXF

Sea Exposure protected

Access/Safety good

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 # CW8 Frames 4, 9

B/W Roll # _____ Frames _____

Observer(s) C. Wilson

Time survey started 0830 Time survey ended 1100

Cultural resource considerations/restraints:

If heretofore undiscovered cultural material is uncovered during cleanup notify Exxon archeologist immediately

ACE 6331877

1100 Segment PR-3 1495

(5)

Beach 1

B/C

C/P

Light-clean

B/C/P

L-S IIZ

Beach 2 (6)

logs, algae, trash, oiled chain saws, pitchfork

boat survey

light - mod coating L-M IIZ
mod-heavy w/ some free wx'd mouse on M IIZ in bands
no pool / no pooled oil

- Foot survey
- Cove w/ beach all along shoreline
- access: boat, float plane, helo, small barge
- low wave exposure

↑ maybe

Light to clean

B/Cobble/Pebble beaches

cont'd pg 9

Beach 3 is end of PR-3

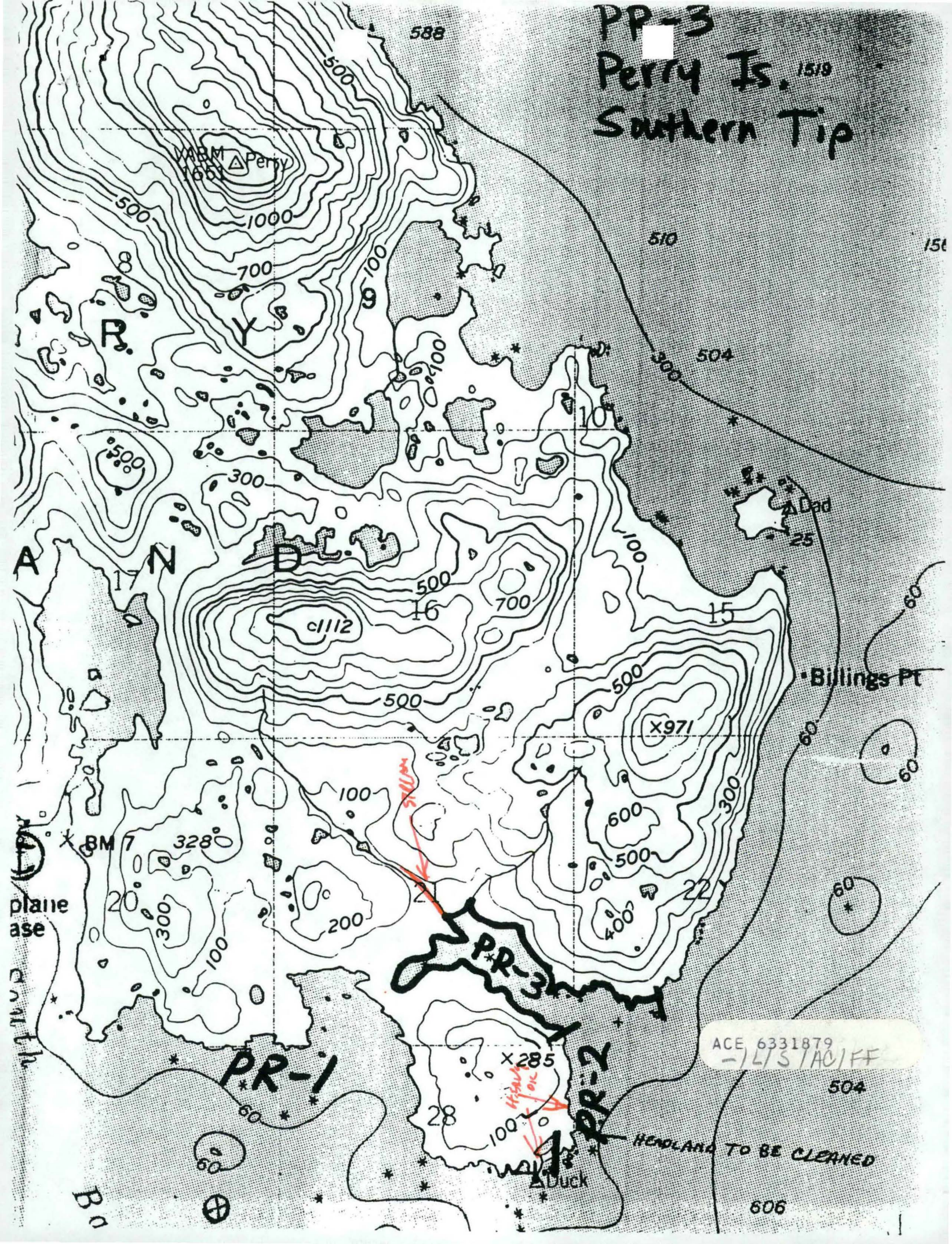
cont'd pg 9 →

Beach 3 at headland B/C Flipper ≤ 8cm

Coating L-mon M-U IIZ (clean algae SIZ)

ACE 6331878/A

Ace 6331878/B


PP-3
Perry Is.
Southern Tip
588
510
504
VABM
1651
Perry
Dad
25
Billings Pt
X971
BM 7
328
PR-1
PR-2
PR-3
X285
HEADLAND TO BE CLEANED
Duck
ACE 6331879
-LIS/ACIFF
504
606