

MA-001

ASC 15000

SOUTHERN POINT PORT NELLIE JUAN
(mainland north of Foul Bay)

ACE 1369646



- 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. (Feb.)
____ '90 Other Documents _____

CATALOG NUMBER: 2251015000							
SEGMENT#: MA001 A LOCATION: MAINLAND, MAIN BAY, NORTH OF							
DATE	SURVEY	SITE	W x L (m) SITE TYPE	PERCENT OIL	THICKNESS & PENETR. (cm)	OIL TYPES, DEPTH INTERVAL(cm)	SITE SPECIFIC COMMENTS
	OG'S ANADSCAT	0					WALKATHON, NO OIL. MASTER LIST HAS HEAVILY OILED.
MAD vs. OG: NO ANADSCAT COMMENTS:							

Index

CATALOG NUMBER: 2251015000		SEGMENT#: MA001 A		LOCATION: MAINLAND, MAIN BAY, NORTH OF		SEQ:	
DATE	SURVEY	SITE	W x L (m) SITE TYPE	PERCENT OIL	THICKNESS & PENETR. (cm)	OIL TYPES, DEPTH INTERVAL(cm)	SITE SPECIFIC COMMENTS
	OG'S ANADSCAT	0					WALKATHON, NO OIL. MASTER LIST HAS HEAVILY OILED. 
MAD vs. OG: NO ANADSCAT COMMENTS:							

*have a
index.
Doom white and.*

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: MA001
LOCATION: MAINLAND N OF MAIN BAY

DATE: 09/13/89
TIME: 7:48

Survey Type: Ground
Team: J. DeRuyter, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: SE
Knots: 0-15

Low Tide: 6:40	Feet: -0.3	High Tide: 13:01	Feet: 11.1
Low Tide: 18:47	Feet: 2.09	High Tide: 0:01	Feet: 12.2

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: N,VL
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 10 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 5%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: MA001-1 / MA001-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
Bags Collected: 0

Draft

Printed: 12/12/89 11:47

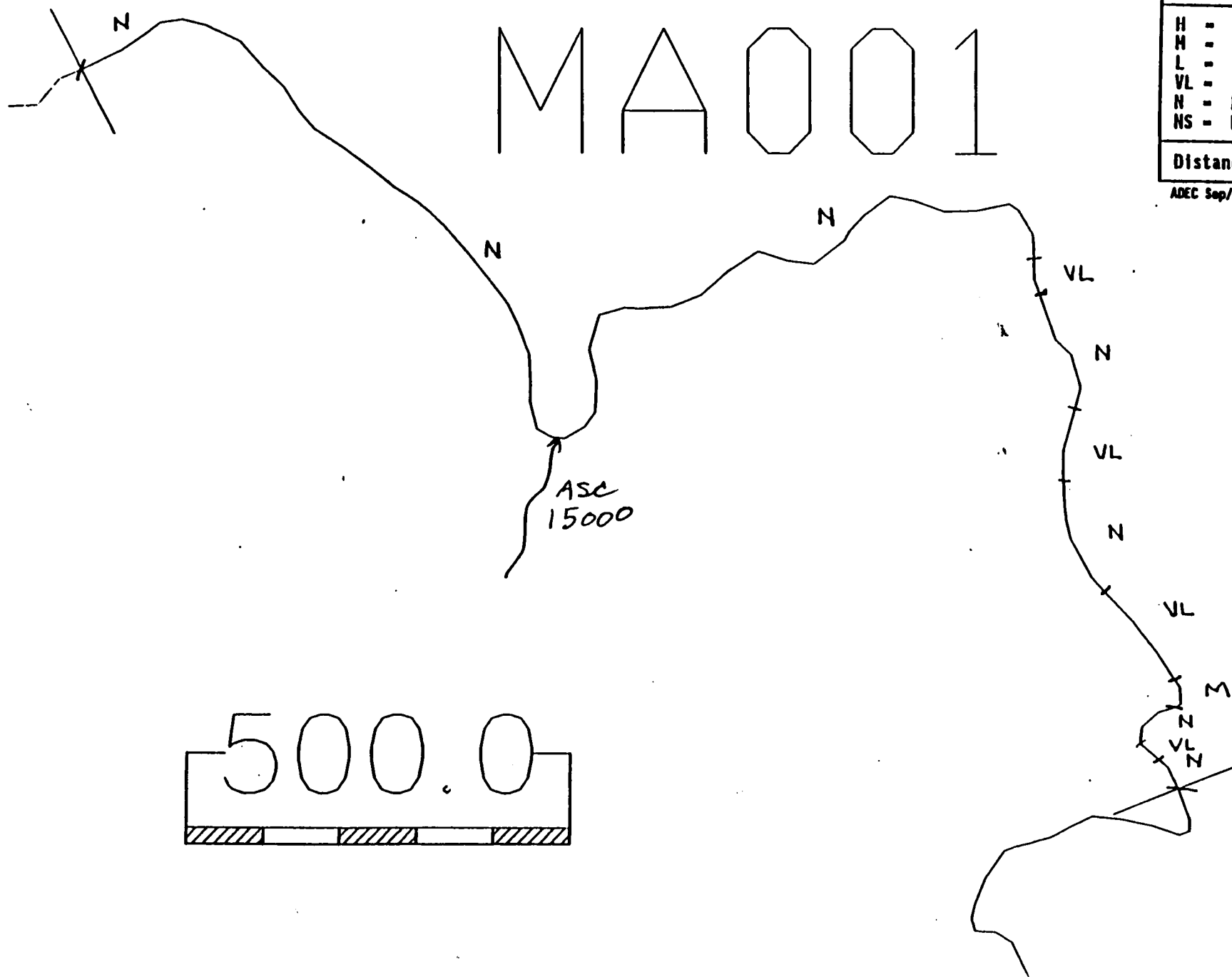
Walk-a-thon

ACE 6331622 + / AC

MA0001

OILING	
H	- Heavy
M	- Moderate
L	- Light
VL	- Very Light
N	- None
NS	- Not Surveyed
Distance In Meters	

ADEC Sep/Oct 1989 Survey



ACE 6331623

(version 5/02/89)

SHORELINE CLEANUP PROGRAM

DATE 5/27/89

SHORELINE SEGMENT MA-1

LOCATION: (see enclosed map) Mainland - From point east of
benchmark "JUAN" to north end of bay north of Foul Bay

ADEC NO. _____ SHORELINE ASSESSMENT DATE: 5/21-22/89

Recommended Cleanup Activity(ies):

- Recommend manually remove concentration of tar, mousse and oil which occur locally in conjunction with drifted seaweed accumulations or in storm berms.
- No general "beach washing" is required due to the limited amount and distribution of oil.

Priorities Considerations:

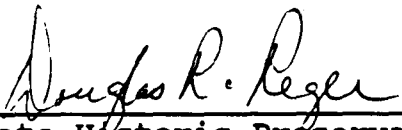
- Low Priority. 4A

Ecological Constraints (from site survey):

- Avoid working on rock outcrops to protect associated biota. Avoid cleanup activities that would affect lower intertidal zone.

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.



State Historic Preservation Officer *

Date: 5/29/89

EXXON: _____

Date: _____

FOSC: _____

Date: _____

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

ACE 6331624 +15

DATE 21/22, 1989

MAINLAND

MA-1

M. MILES

PAGE 1 OF 2

COMMENTS

This section of rocky coast contains numerous small embayments or coves with pebble beaches (although areas of cobbles and boulders occur locally). Headland areas generally have a light, discontinuous and narrow band of oil. The beaches ~~are~~ generally contain a ^{in the mid to upper ITZ} discontinuous band of light oil coatings or tar patches, which, in ~~some~~ ^{one} locations, was observed to be up to 4 m wide. Many of the beaches in this area have a moderate to high wave exposure and, where this condition occurs, oil, tar and mousse deposits are limited to and concentrated in a storm berm at the high tide or ST level. These deposits are generally covered with clean pebbles and are therefore only visible after excavating into the storm berm. There is a potential for buried oil deposits to occur in lower portions of the ITZ but no deposits of this kind were observed in the areas sampled.

Given the light coating of oil or tar which occurs on this segment of the coast, the relatively clean conditions in the mid and low ITZ and the generally moderate or high wave exposures, beach washing

con't /2

DEC 21/22, 1989

MAINLAND

MA -1

M MILES

PAGE 2 OF 2

Comment's can't

activities ~~are~~ are not recommended as:

- i) Wave action is expected to successfully clean most of these beaches; and
- ii) Clean-up activities may be detrimental to biota in the mid to lower IZ.

However, if it is feasible, it would be beneficial to remove the concentrations of mousse, tar, oil and ^{contaminated drifted seaweed} which occur in the storm berm on pebble beaches. →

→ Many of these oil deposits are sufficiently heavy that they are forming an asphalt pavement and, given their high elevation, and the fact that they are frequently buried by pebbles, it may take a long time for wave action to remove them. [Note: The writer does not know if techniques are available to pick-up oiled debris and pebbles, remove the oil and debris, and replace the pebbles on the beach.]

DOCUMENTATION:

1114-1

Map/Aerial photo marking segment boundaries _____

VTR: Y/N Tape Number(s) _____

Photography: Y/N Roll Number(s) _____

Sample Numbers Collected: _____

ECOLOGICAL EVALUATION

LOCATION: Foul Bay/M Bay Mainland SITE: _____ OBSERVER: M. Bozeman
 LOCATION PREFIX: MA SEG. NO.: 01 LENGTH: 2300 (M)
 DATE: 5 ^{21st} 12 / 89 TIME (HHMM): 10:00 & 1200 TIDE HT.: _____ (M)

OILED ZONE: Splash High Medium Low

SUBSTRATUM: Rocks Boulder Cobble Gravel Sand Mud

LIVE BIOTA Outcrops Beaches

Fucus (algae): Patchy (Y/N) Contin. (Y/N) Dense (Y/N) Sparse (Y/N) None (Y/N)
Continuous & Dense along Rocks Patchy & sparse on Beach

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

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

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: MOST organisms on Rock outcrops and
Boulders - Few to None on Gravel/Cobble Beaches

CLEANUP PRECAUTIONS: Avoid working on rock outcrops to
protect associated biota Avoid cleanup activities that
would affect LITZ

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

BIRDS: FACILE

GENERAL OBSERVATIONS: Light to Moderate Oil in M to HITZ
Some oiled seaweed & debris (including tar & mousse) in splash
Zone high on Beaches.

CULTURAL RESOURCE EVALUATION

Date 5-21-89 Location SE of Lighthouse ^{North of Foul Bay} Site

Location Prefix MB MA Segment # MA-1 Length 2300

Survey Method:

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

Ground ✓ (G - indicate on map)

Known cultural resources (AHRS #) NONE Data Source

Oil conditions/beach visibility NO OIL to Moderate Oil / Good visibility

Width of beach zone surveyed 5-30 m Tree fringe surveyed 0-5 m

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 High sand beach, pebbles to cobbles, some rock boulders

Fresh Water Sources One stream in inlet east of lighthouse

Sea Exposure Exposed to NW

Access/Safety Acceptable access / off shore rocks are dangerous

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

Monitoring during cleanup needed yes/no no Collection yes/no no

Photos: Color Roll # Frames

B/W Roll # Frames

Observer(s) R Reavie

Time survey started 1000 Time survey ended 1100

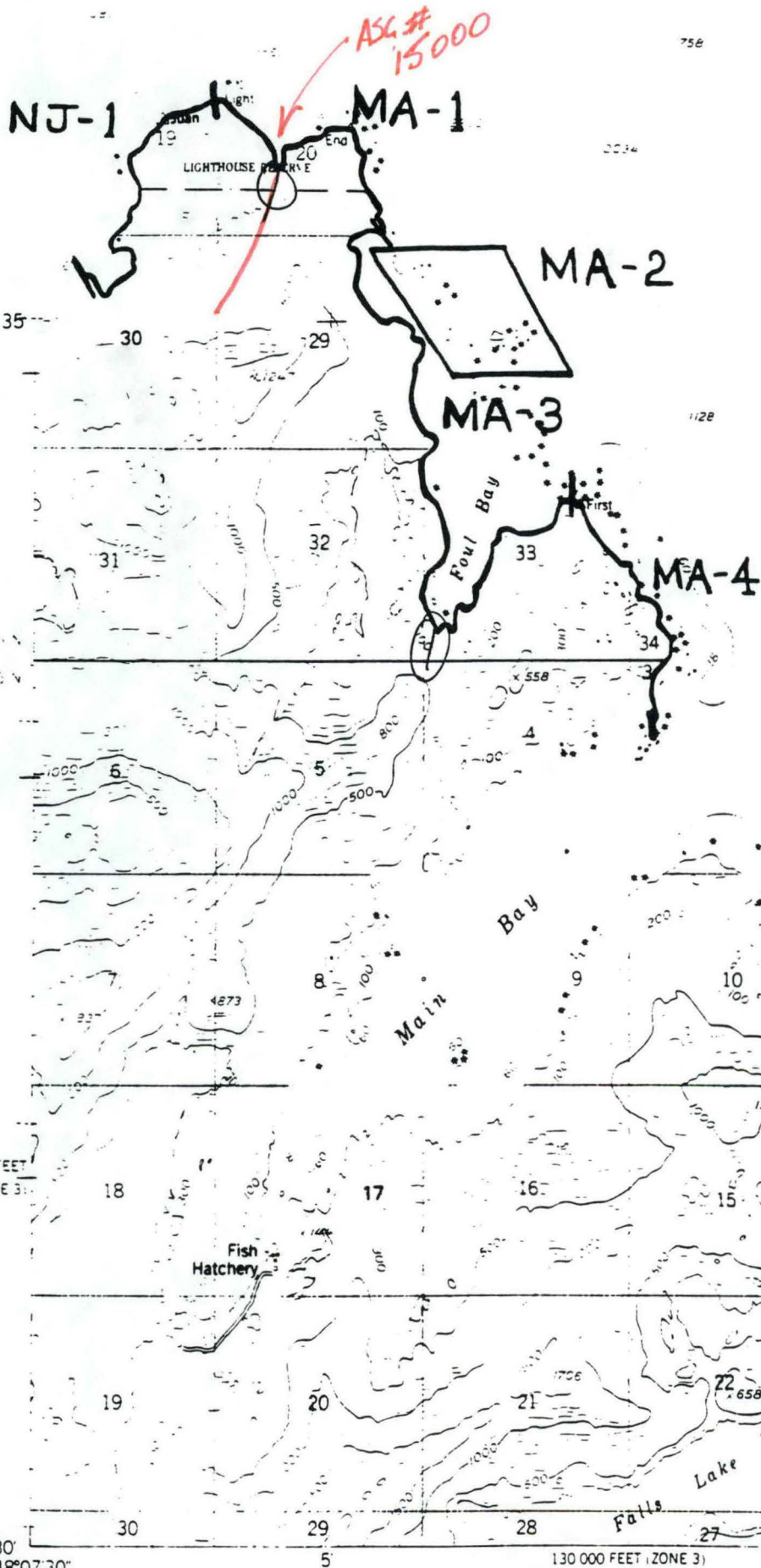
Cultural resource considerations/restraints:

If heretofore undiscovered cultural materials
are uncovered during subsequent cleanup contact
Exxon Archeologist C. Mobley immediately.

MA-1

MAIN BAY NORTH BLOCK

P R I N C E



- GENERALLY LIGHT OIL
- LIGHT TO MODERATE OIL CONCENTRATION OCCUR IN STORM BERMS

ACE 6331630
-1145/AC/H