

IMPACT MAPS AND SUMMARY REPORTS
OF SHORELINE SURVEYS OF THE
EXXON VALDEZ SPILL SITE
— PRINCE WILLIAM SOUND —
11 SEPTEMBER — 19 OCTOBER 1989



ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
OIL SPILL RESPONSE CENTER
224 Hazelet St., Valdez, Alaska 99686
[907-835-8051]
10 DECEMBER 1989



IMPACT MAPS AND SUMMARY REPORTS
EXXON VALDEZ SPILL SITE PRINCE WILLIAM SOUND
11 SEPTEMBER TO 10 OCTOBER 1989

Prepared by:
Spill Response Staff
Alaska Department of Environmental Conservation
224 Hazelet Street
Valdez, Alaska 99686
10 December 1989

Introduction

The enclosed maps and data sheets provide a summary of oil concentrations on Prince William Sound shorelines after the completion of all major spill treatment in 1989. In order to provide guidance to other agencies and interested parties concerning the state of the shoreline in a timely manner, oil concentrations within each segment are marked by hand. In the following weeks, ADEC will be computer digitizing the results of this survey. As a note to the user, we have found it extremely useful to hand color the maps (e.g., heavy=red, moderate=blue, light=green, and very light=yellow) to visually indicate differences in oil levels.

This information is of importance to several different aspects of the Exxon Valdez spill-response effort.

(1) The maps indicate the condition of Alaskan shorelines as of September/ October 1989, after most of the shorelines received treatment in one form or another by Exxon-sponsored work crews.

(2) The maps also provide an overall view of oil remaining in Prince William Sound which can assist the extrapolation of results obtained at the limited sites studied throughout the winter by ADEC, NOAA, and Exxon scientists.

(3) The maps clearly define levels of oiling so that attention can be directed to potential problem areas (e.g., sheltered areas having moderate to high oil concentrations) which may need additional treatment during 1990, and away from areas containing little to no remaining oil.

Methods

Where possible, shorelines were individually walked by a field assessment team consisting of two or three persons. Along unwalkable cliffs and rocky shores, surveys were performed using small skiffs. No shoreline was classified from the air. For the study, each field team was provided with a computer-generated map depicting a segment on a single page as well as a summary data form to be filled out. Segment boundaries are those developed during the spill. Where segments were not previously defined (as in Saw Mill Bay on Evans Island, northern Montague Island, and others), a 500 designation was used. The scale of the field maps was commonly 1:10,000 or better. The shoreline configuration was derived from digitized 1:63,360 USGS topographic maps. The maps produced in this volume are the same as those used in the field.

Field assessment was conducted primarily during low tides. In areas where light to very light oil is found, the team had the option to perform the survey at a mid-tide level since the oil was almost always found along the high-tide swash line.

On the field map, the survey team would mark:

(1) Oil concentration, where heavy includes a band of surface and/or subsurface oil greater than 6 m wide and having more than 50% coverage within that band, moderate represents an oil band 3 to 6 m wide having at least 10 to 50 percent coverage, light represents a 1 to 3 m band with at least ten percent coverage, and very light is a band less than 1 m wide or a beach having less than 1 percent oil coverage. In cases where only stain was found on the shore, the category was lowered; e.g. a 10 m band of staining was considered as moderate rather than heavy. In general, the heavy category was reserved for areas having fairly significant surface and/or subsurface oiling.

(2) Depth of oil penetration as determined by digging several pits at each beach.

(3) Oil thickness on the surface (in mm where 1 represented oil that was equal to or less than 1 mm to avoid difficulties with very thin coatings; layers thicker than 1 mm were estimated in the field).

(4) Type of Shoreline (headland, low-lying rocky, beach, etc.)

(5) Sediment type (gravel, boulder, bedrock, etc.).

(6) Location of photographs taken.

(7) Location of oiled-sediment samples taken (commonly two per segment).

(8) The type of oil found: mousse, sticky, tarry, asphalt or stain.

(9) Location and type of garbage or spill equipment remaining in that segment.

On the summary forms, additional information for each segment is recorded concerning:

- (1) Field personnel.
- (2) Survey date and time.
- (3) Survey type: boat, ground, helicopter, and/or floatplane.
- (4) Weather and sea conditions.
- (5) Shoreline types, exposure, and sediment types.
- (6) Area of impact on the shore: supratidal, high intertidal, mid intertidal, low intertidal, and/or subtidal.
- (7) Maximum oil thickness.
- (8) Maximum oil penetration.
- (9) Approximate percentage of the segment marked as oiled, visually estimated.
- (10) Presence of oily driftwood.
- (11) Presence of obviously damaged seaweed (*Fucus*), either oiled or hot-water treated.
- (12) Presence of oiled, tarred, or stained barnacles.
- (13) Presence of oiled mammals or birds.
- (14) Type and number of localities (one, few, or many) having spill-related debris.
- (15) Number of bags of spill-related debris collected by the survey team and removed from the beach.
- (16) Chain-of-custody numbers given to collected oiled-sediment samples.
- (17) Photograph data concerning photographer, roll and shot number.
- (18) Comments or notes concerning the segment made in the field.

Field Organization

The field and office effort put into this survey was substantial and represented the participation of most of the Valdez spill-response staff, including Shoreline Evaluation, Shoreline Treatment, Chemistry, Data Management/Mapping, and Clerical Support. Briefly, the Shoreline Treatment during the active part of the spill was responsible for

the on-site monitoring the cleanup and providing methods for improvement. For this survey, they provided most of the field crews. The Chemistry Program was responsible for chemical sampling during the spill to aid spill tracking and determining the levels of spill impact on the local communities and Alaskan marine resources. The Shoreline Evaluation Program provided real-time tracking of the spill along the shoreline and information concerning spill impacts, persistence, and treatment effectiveness. During this post-treatment assessment, the Shoreline Evaluation Group provided overall supervision to maintain a consistent set of observations that are comparable to previous assessments conducted during the spill. The Data Management/Mapping and Clerical staff provided the copies of all segments to be used in the field and maintained the data base used to record the field information and produce this report.

The ADEC participants in this effort are listed on the following page. Their assistance and dedication to seeing this project through to completion is most gratefully acknowledged. The skippers and crews of the marine vessels Nautilus II, Tempest, Gabiano II, Silver Spider, and Resolution are thanked for their constant attention to completing the field work in a safe and efficient manner.

FIELD AND TECHNICAL SUPPORT
SHORELINE SURVEY
11 SEPTEMBER - 19 OCTOBER 1989

SHORELINE EVALUATION GROUP

Erich Gundlach
Clay Robinson
Meesha Mangiaracina

Gene Pavia
David Hall

SHORELINE TREATMENT GROUP

John Bauer
Mike Lucky
Mike Ebel
Brian Fitzsimons
Wesley Ghormley
Dennis Harwood
Kristi Karst
Tim Langdon
Bob McCready
Dianne Munson
Greg Winter
Dan Zobrist

Mike Cunningham
John Deruyter
Patrick Endres
Dale Gardner
Lyle Gresehover
John Hayes
Jan Krieger
Ed Meggert
Peter Montesano
Lea Ann Robinson
Howard Wood

CHEMISTRY GROUP

Michele Baer
Clare Pavia

Michelle Bonnet
Barbara Ward

DATA MANAGEMENT/MAPPING

Linda Haines
Ward Lane
Nadeem Siddiqui

Rowann Hudnall
Marty Rothman
Jim Slocomb

CLERICAL SUPPORT STAFF

Tara Gibbs
Elaine Pastoresi

Martha Levensaler

VOLUME 1 CONTENTS: SEGMENTS AE - GR

SEGMENT#	LOCATION
AE001	NW APPELEGATE ISLAND
AE002	W APPELEGATE ISLAND
AE003	SW APPELEGATE ISLAND
AE004	S APPELEGATE ISLAND
AE005	E APPELEGATE ISLAND
AE006	NE APPELEGATE ISLAND
AE007	NW APPELEGATE ISLAND
AG001	AGULIAK I., W OF KNIGHT I.
BA001	NE BAINBRIDGE ISLAND
BA002	E BAINBRIDGE ISLAND
BA003	E BAINBRIDGE ISLAND
BA004	N BAINBRIDGE ISLAND
BA005	W BAINBRIDGE ISLAND
BA006A	W BAINBRIDGE ISLAND
BA006B	ISLAND, N OF BAINBRIDGE I.
BA007	W BAINBRIDGE ISLAND
BA008	BAINBRIDGE PASSAGE
BA009	BAINBRIDGE PASSAGE
BL012	E BLOCK ISLAND
BP001	BAINBRIDGE PASSAGE
BP002	BAINBRIDGE PASSAGE
BP003	E BAINBRIDGE PASSAGE
BP004	BAINBRIDGE PASSAGE
CH001	E CHENEGA ISLAND
CH002	E CHENEGA ISLAND
CH003	E CHENEGA ISLAND
CH004	E CHENEGA ISLAND
CH005	E CHENEGA ISLAND
CH006	NE CHENEGA ISLAND
CH007	NE CHENEGA ISLAND
CH008	N CHENEGA ISLAND
CH009	NE CHENEGA ISLAND
CH010	N CHENEGA ISLAND
CH011	N CHENEGA ISLAND
CH012	N CHENEGA ISLAND
CH013	N CHENEGA ISLAND
CH014	S CHENEGA ISLAND
CH015A	S CHENEGA ISLAND
CH015B	S CHENEGA ISLAND
CH015C	ISLAND, S OF CHENEGA I.
CH016	S CHENEGA ISLAND
CH017	SE CHENEGA ISLAND
CH018	S CHENEGA ISLAND
CH019	S CHENEGA ISLAND
CH020	SE CHENEGA ISLAND
CH021	E CHENEGA ISLAND
CH022	S CHENEGA ISLAND
CH023	E CHENEGA ISLAND
CH900A	SW CHENEGA ISLAND
CL001A	ISLAND, SW OF KNIGHT I.
CL001B	ISLAND, SW OF KNIGHT I.
CR001	NW CRAFTON ISLAND
CR002	NE CRAFTON ISLAND
CR003	E CRAFTON ISLAND
CR004	CRAFTON ISLAND
CR005	W CRAFTON ISLAND
CJ001	S CULROSS ISLAND

VOLUME 1 CONTENTS: SEGMENTS AE - GR

SEGMENT#	LOCATION
CU002	S CULROSS ISLAND
CU003	S CULROSS ISLAND
CU004	S CULROSS ISLAND
CU005	S CULROSS ISLAND
CU006	S CULROSS ISLAND
CU007	S CULROSS ISLAND
CU008	S CULROSS ISLAND
CU009	SE CULROSS ISLAND
CU010	SE CULROSS ISLAND
CU011	E CULROSS ISLAND
CU012	E CULROSS ISLAND
CU013	E CULROSS ISLAND
CU014	E CULROSS ISLAND
CU015 A,B,D	HIDDEN BAY,CULROSS ISLAND
CU016	E CULROSS ISLAND
DA001	N DANGER ISLAND
DA002	S DANGER ISLAND
DI059	NE DISK ISLAND
DI060	E DISK ISLAND
DI061	E DISK ISLAND
DI062	S DISK ISLAND
DI063	S DISK ISLAND
DI064	SW DISK ISLAND
DI065	LAGOON ON W DISK I.
DI066	W DISK ISLAND
DI067	NW DISK ISLAND
DI068	NW DISK ISLAND
DI069	SE DISK ISLAND
EB001	N OF ESHAMY BAY
EB002	N OF ESHAMY BAY
EB003	N OF ESHAMY BAY
EB004	N OF ESHAMY BAY
EB005	N ESHAMY BAY
EB006	N ESHAMY BAY
EB007	N ESHAMY BAY
EB011	MAINLAND, S OF ESHAMY BAY
EL010	SW ELEANOR ISLAND
EL011	UPPER PASSAGE
EL013	UPPER PASSAGE
EL014	UPPER PASSAGE
EL015	UPPER PASSAGE
EL052	NORTHWEST BAY, ELEANOR I.
EL053	NORTHWEST BAY, ELEANOR I.
EL054	NORTHWEST BAY, ELEANOR I.
EL055	NORTHWEST BAY, ELEANOR I.
EL056	NORTHWEST BAY, ELEANOR I.
EL057	NORTHWEST BAY, ELEANOR I.
EL058	NORTHWEST BAY, ELEANOR I.
EL100	NORTHWEST BAY, ELEANOR I.
EL101	NORTHWEST BAY, ELEANOR I.
EL102	UPPER PASSAGE
EL103	UPPER PASSAGE
EL104	N ELEANOR ISLAND
EL105	E ELEANOR ISLAND
EL106	E ELEANOR ISLAND
EL107	E ELEANOR ISLAND
EL108	E ELEANOR ISLAND

VOLUME 1 CONTENTS: SEGMENTS AE - GR

SEGMENT#	LOCATION
EL109	S ELEANOR ISLAND
EL110	S ELEANOR ISLAND
EL999	UPPER PASSAGE
EN046	ENTRANCE ISLAND
ER001	NW ELRINGTON ISLAND
ER002	NW ELRINGTON ISLAND
ER003	NW ELRINGTON ISLAND
ER004	SW ELRINGTON ISLAND
ER005	SW ELRINGTON ISLAND
ER006	SW ELRINGTON ISLAND
ER007	SW ELRINGTON ISLAND
ER008	SW ELRINGTON ISLAND
ER009	SW ELRINGTON ISLAND
ER010	SW ELRINGTON ISLAND
ER011	SW ELRINGTON ISLAND
ER012	SW ELRINGTON ISLAND
ER013	SW ELRINGTON ISLAND
ER014	N.TWIN BAY, ELRINGTON I.
ER015	N.TWIN BAY, ELRINGTON I.
ER016	N.TWIN BAY, ELRINGTON I.
ER017	N.TWIN BAY, ELRINGTON I.
ER018	S.TWIN BAY, ELRINGTON I.
ER019	S.TWIN BAY, ELRINGTON I.
ER020	NE ELRINGTON ISLAND
ER021	NE ELRINGTON ISLAND
ER022	S.TWIN BAY, ELRINGTON I.
ER023	S.TWIN BAY, ELRINGTON I.
ER024	SE ELRINGTON ISLAND
ER025	NE ELRINGTON ISLAND
ER026	NE ELRINGTON ISLAND
ER027	NE ELRINGTON ISLAND
ER028	NE ELRINGTON ISLAND
ER029	SE ELRINGTON ISLAND
ER030	SE ELRINGTON ISLAND
ER031	SE ELRINGTON ISLAND
EVO01	N EVANS ISLAND
EVO02	N EVANS ISLAND
EVO03	N EVANS ISLAND
EVO04	N EVANS ISLAND
EVO05	N EVANS ISLAND
EVO06	N EVANS ISLAND
EVO07	N EVANS ISLAND
EVO08	N EVANS ISLAND
EVO09	N EVANS ISLAND
EVO10	N EVANS ISLAND
EVO11	NE EVANS ISLAND
EVO12	NE EVANS ISLAND
EVO13	NE EVANS ISLAND
EVO14	NE EVANS ISLAND
EVO15	NE EVANS ISLAND
EVO16	NE EVANS ISLAND
EVO17	NE EVANS ISLAND
EVO18	SHELTER BAY, EVANS I.
EVO19	SHELTER BAY, EVANS I.
EVO20	SHELTER BAY, EVANS I.
EVO21	SHELTER BAY, EVANS I.
EVO22	SHELTER BAY, EVANS I.

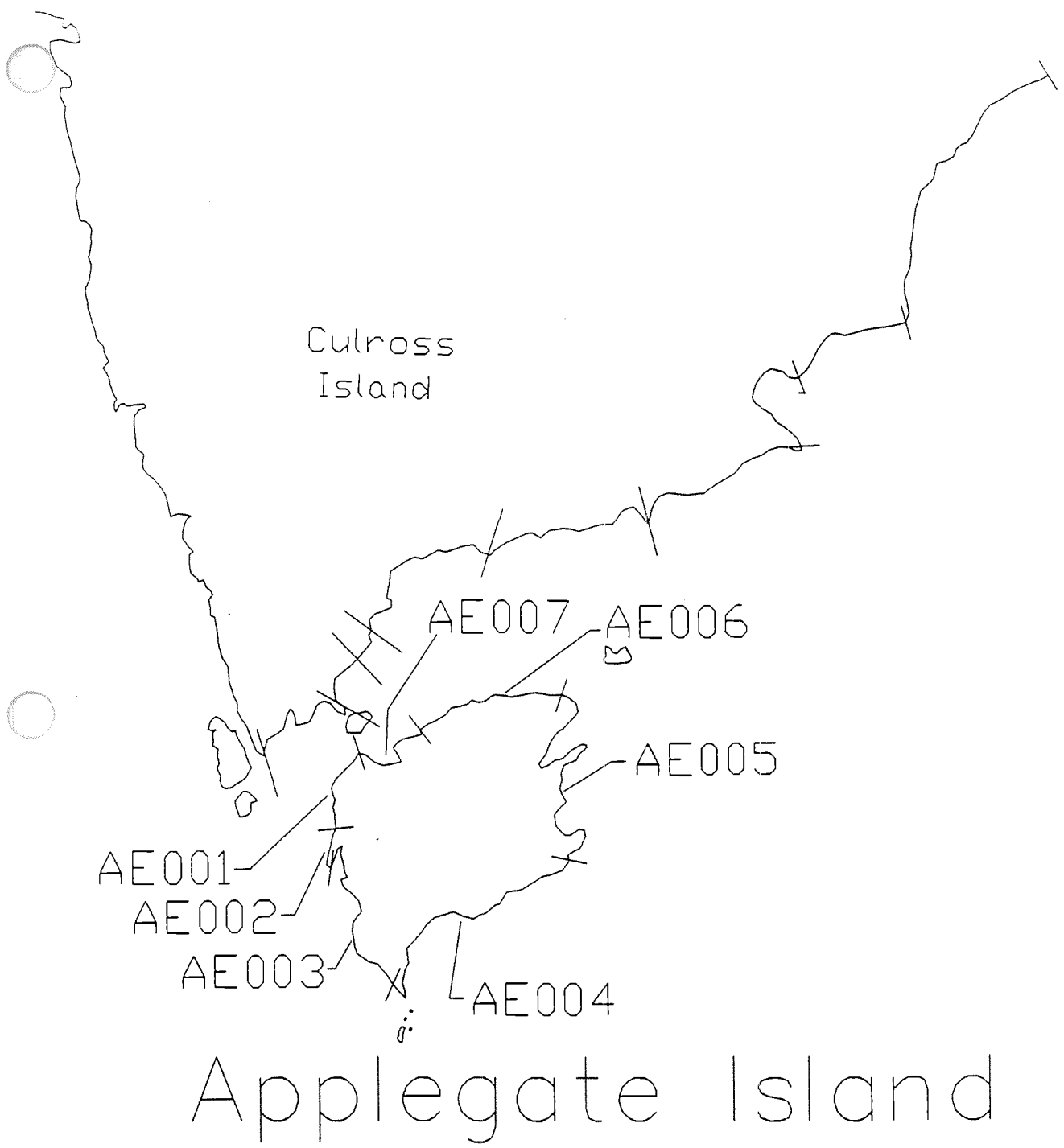
VOLUME 1 CONTENTS: SEGMENTS AE - GR

SEGMENT#	LOCATION
EV023	SHELTER BAY, EVANS I.
EV024	SHELTER BAY, EVANS I.
EV025	SHELTER BAY, EVANS I.
EV026	SHELTER BAY, EVANS I.
EV027	SHELTER BAY, EVANS I.
EV028	SHELTER BAY, EVANS I.
EV036	NE EVANS ISLAND
EV037	NE EVANS ISLAND
EV039	NE EVANS ISLAND
EV040	NE EVANS ISLAND
EV050	ISLAND OFF E EVANS I.
EV051A	ISLAND OFF E EVANS I.
EV051B	ISLAND W OF EVANS ISLAND
EV052	ISLAND OFF E EVANS I.
EV053	ISLAND OFF E EVANS I.
EV054A	ISLAND OFF E EVANS I.
EV054B	ISLAND OFF E EVANS I.
EV056	SAWMILL BAY, EVANS I.
EV057A	ISLAND OFF E EVANS I.
EV057B	ISLAND OFF E EVANS I.
EV057C	ISLAND OFF E EVANS I.
EV058A	ISLAND OFF E EVANS I.
EV058B	N CRAB BAY, EVANS I.
EV058C	ISLAND OFF E EVANS I.
EV058D	ISLAND OFF E EVANS I.
EV058E	ISLAND OFF E EVANS I.
EV059	S EVANS ISLAND
EV060	NW EVANS ISLAND
EV061	S EVANS ISLAND
EV062	S EVANS ISLAND
EV063	S EVANS ISLAND
EV064	SQUIRREL BAY EVANS I.
EV065	SQUIRREL BAY EVANS I.
EV066	SQUIRREL BAY EVANS I.
EV067	SW EVANS ISLAND
EV068	SW EVANS ISLAND
EV070A	ISLAND OFF W EVANS I.
EV070B	ISLAND OFF W EVANS I.
EV070C	ISLAND OFF W EVANS I.
EV070D	ISLAND OFF W EVANS I.
EV070E	ISLAND OFF W EVANS I.
EV070F	ISLAND OFF W EVANS I.
EV070G	ISLAND OFF W EVANS I.
EV070H	ISLAND OFF W EVANS I.
EV071A	ISLAND OFF W EVANS I.
EV071B	ISLAND OFF W EVANS I.
EV071C	ISLAND OFF W EVANS I.
EV072	SHELTER BAY, EVANS I.
EV100	S EVANS ISLAND
EV500	SAWMILL BAY, EVANS ISLAND
EV900	NE EVANS ISLAND
FA001	MAINLAND, FALLS BAY
FA002	MAINLAND, FALLS BAY
FL001	N FLEMING ISLAND
FL002	W FLEMING ISLAND
FL003	SW FLEMING ISLAND
FL004A	W FLEMING ISLAND

SECTION CONTENTS — APLEGATE ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
AE001	NW APLEGATE ISLAND
AE002	W APLEGATE ISLAND
AE003	SW APLEGATE ISLAND
AE004	S APLEGATE ISLAND
AE005	E APLEGATE ISLAND
AE006	NE APLEGATE ISLAND
AE007	NW APLEGATE ISLAND

Printed: 12/12/89



500.0

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE001
 LOCATION: NW APPLGATE ISLAND

DATE: 09/14/89
 TIME: 8:00

Survey Type: Boat, Ground
 Team: C. Robinson, B. Fitzsimons, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,M
 (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: 20 cm (35 = 35 cm or greater)

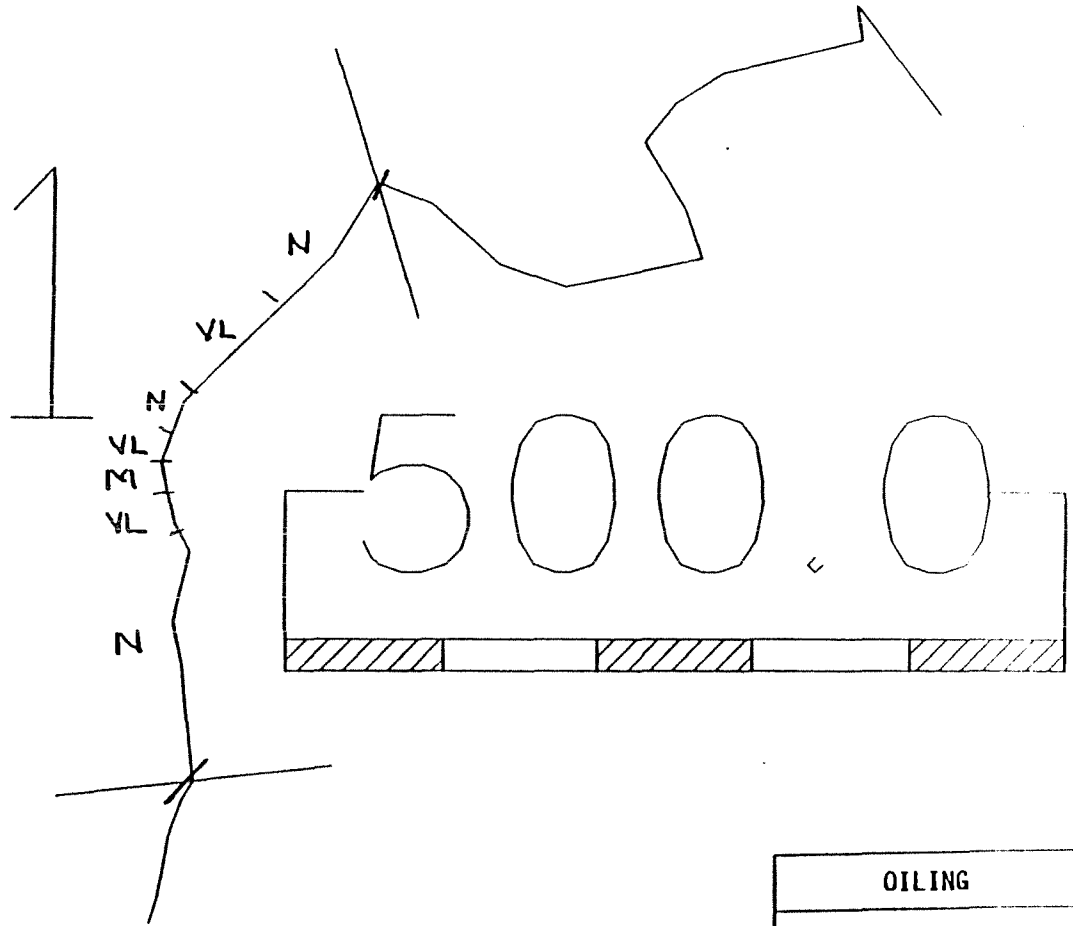
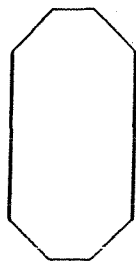
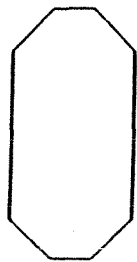
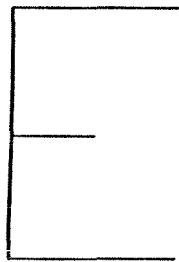
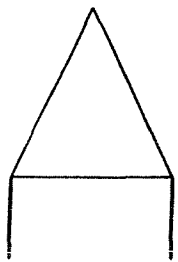
Percent Segment Categorized as Oiled: 30%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE002
 LOCATION: W APPLGATE ISLAND

DATE: 09/13/89
 TIME: 18:30

Survey Type: Ground
 Team: C. Robinson, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

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

Shoretupes: H,LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (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: L
 (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: 25 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: AE002-1 / AE002-2 / none / none

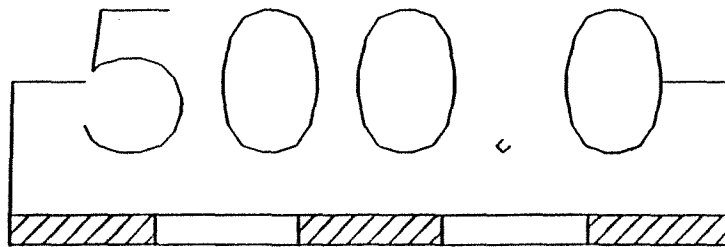
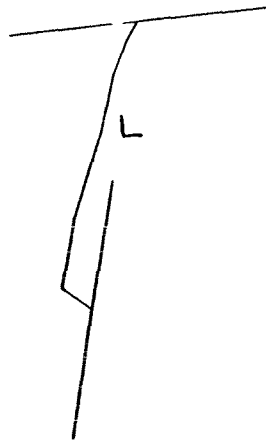
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

A E 0 0 2



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In M

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE003
 LOCATION: SW APPLGATE ISLAND

DATE: 09/13/89
 TIME: 18:00

Survey Type: Ground
 Team: C. Robinson, D. Zorbist

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

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

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (N=none, VL=very light, L=light, M=moderate, H=heavy)

Area of Impact: M
 (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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 10%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

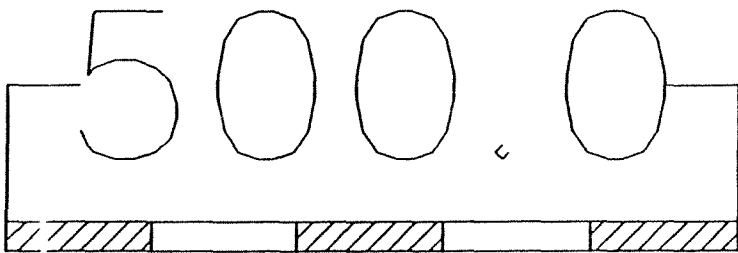
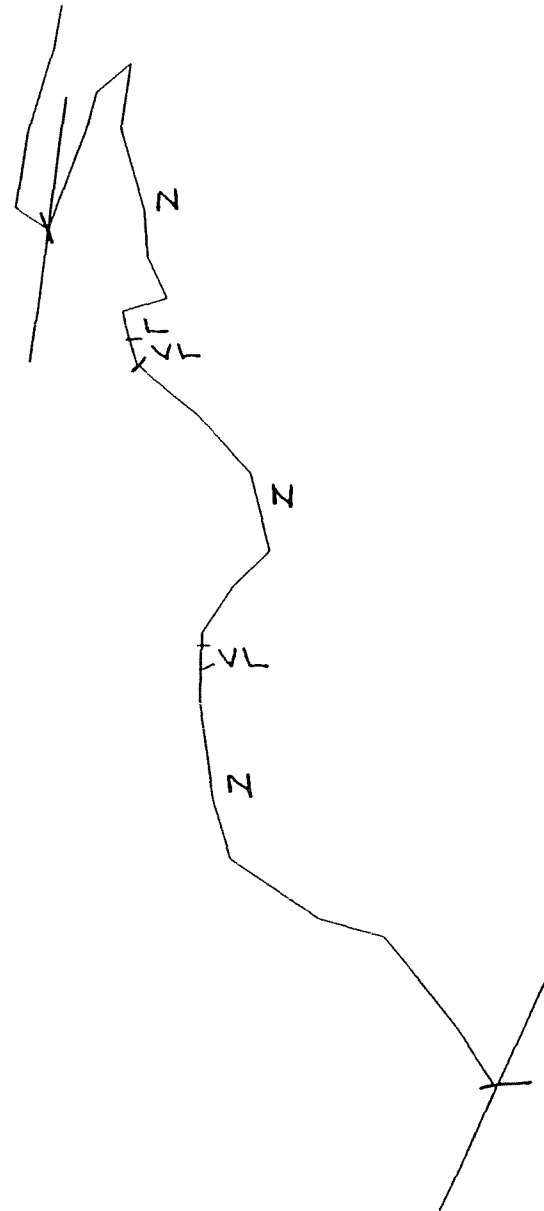
DAMAGED OR OILED ORGANISMS

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

A E 0 0 3



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADCC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE004
 LOCATION: S APPLGATE ISLAND

DATE: 09/13/89
 TIME: 16:00

Survey Type: Ground
 Team: C. Robinson, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

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

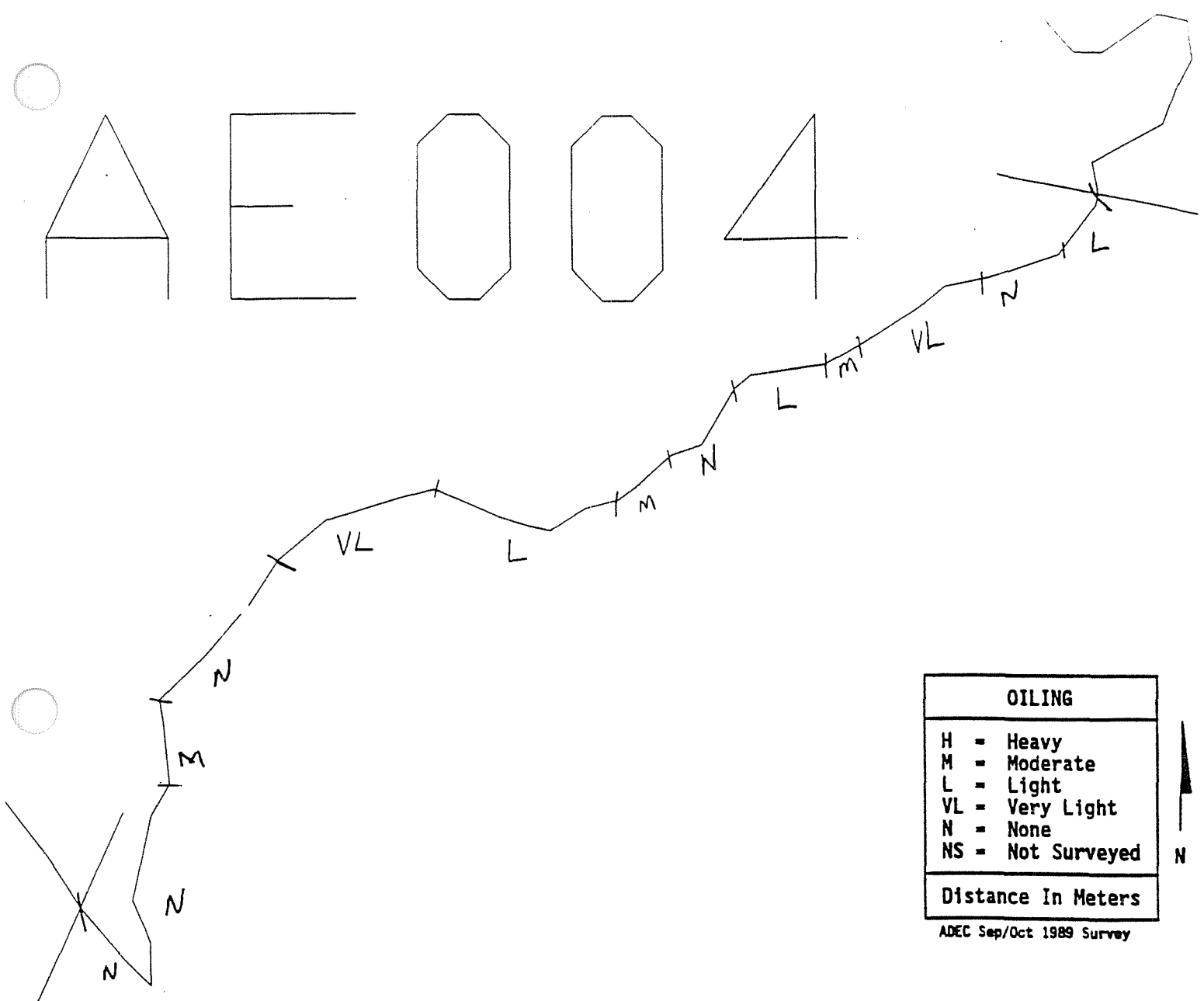
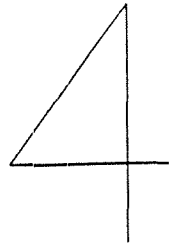
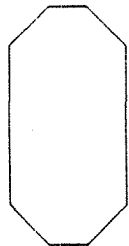
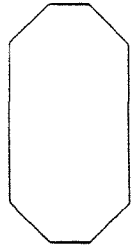
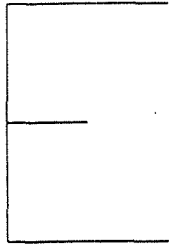
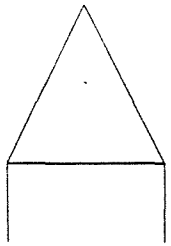
Degree of Oiling: N,VL,L,M
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: S,H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 4 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: AE004-1 / AE004-2 / none / none

DAMAGED OR OILED ORGANISMS

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

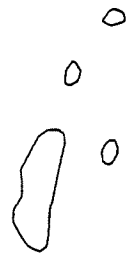
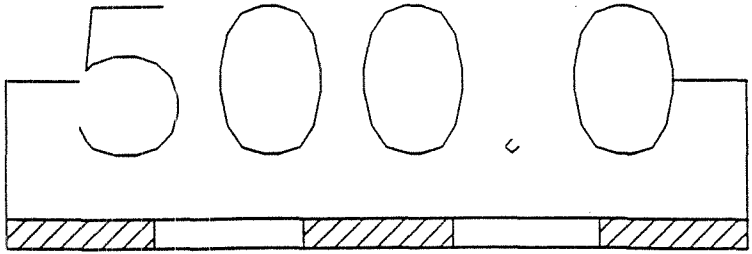
SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE005
 LOCATION: E APPLGATE ISLAND

DATE: 09/13/89
 TIME: 21:32

Survey Type: Boat, Ground
 Team: B. Fitzsimons, L. Gresehover

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: SE
 Sea State: Calm 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,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: S,H,M,L
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 22 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 25 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 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: none / none / none / none

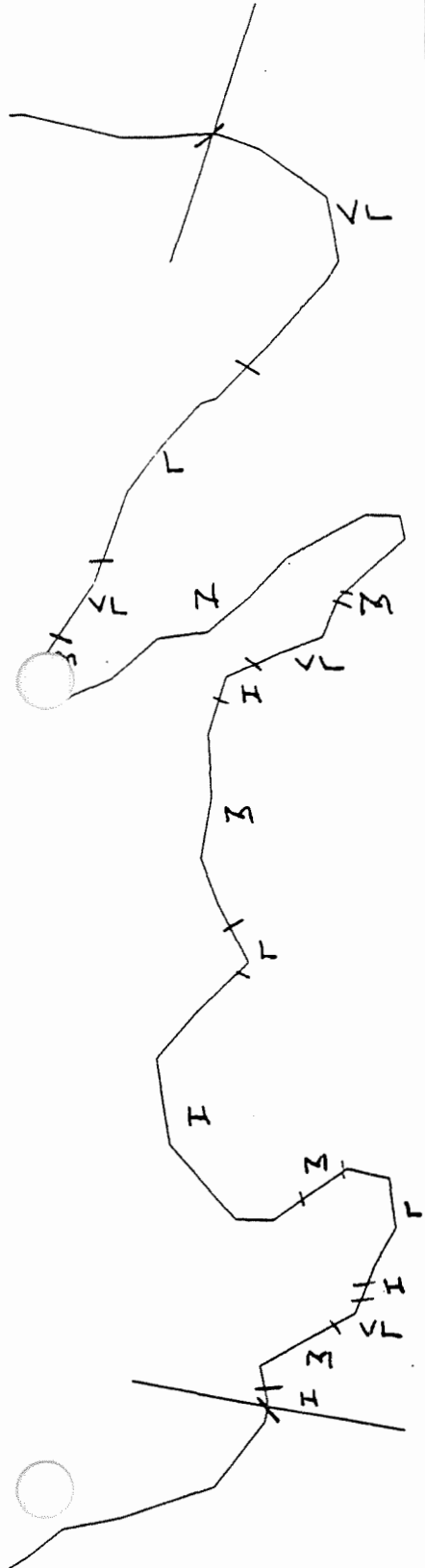
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

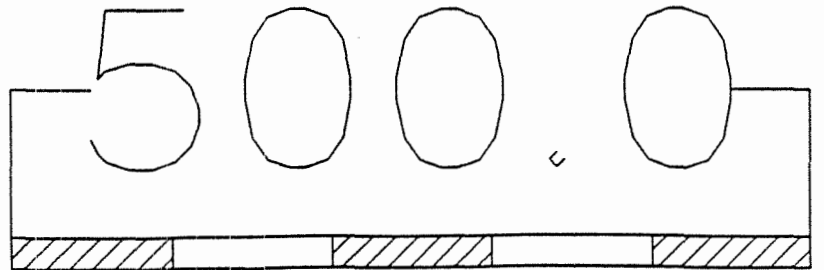
Type: None
 Bags Collected: 0

AE005



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

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE006
 LOCATION: NE APPLGATE ISLAND

DATE: 09/14/89
 TIME: 9:00

Survey Type: Boat, Ground
 Team: C. Robinson, B. Fitzsimons, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 15%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

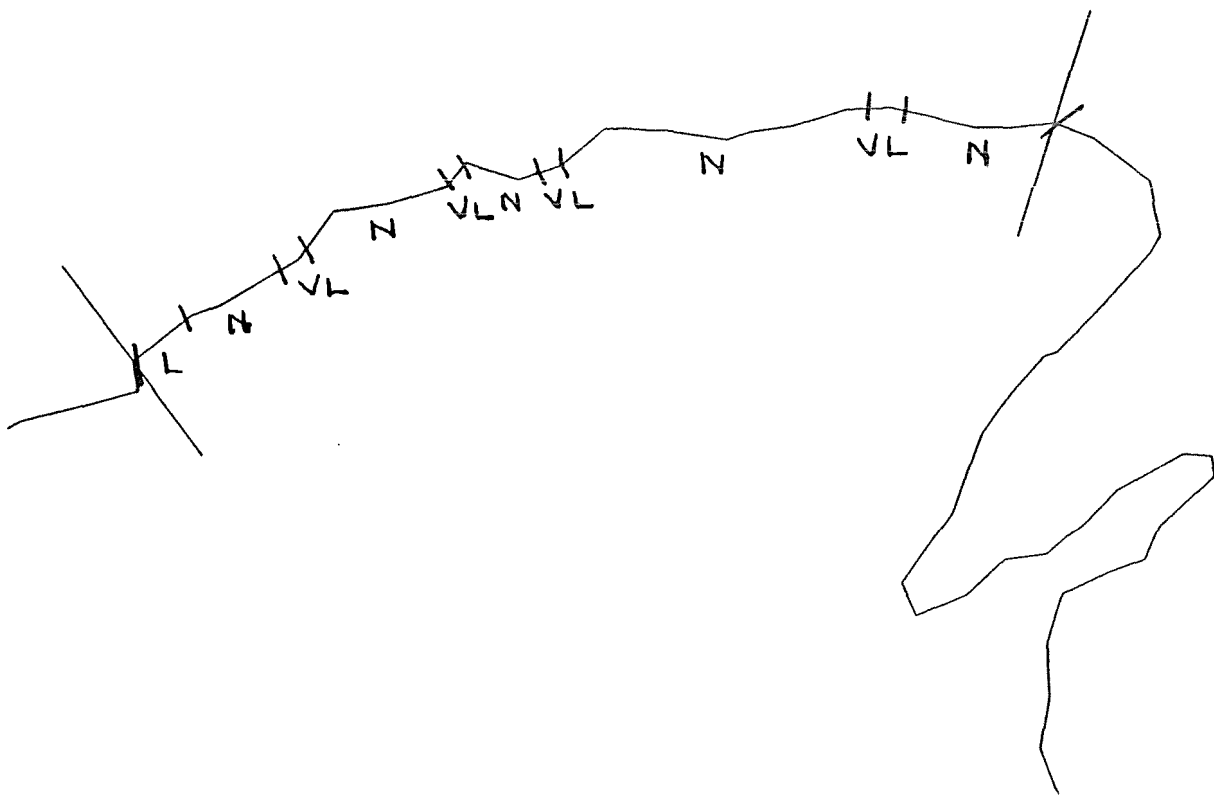
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

A E 0 0 6



500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AE007
 LOCATION: NW APPLGATE ISLAND

DATE: 09/14/89
 TIME: 8:30

Survey Type: Boat, Ground
 Team: C. Robinson, B. Fitzsimons, D. Zobrist

WEATHER AND SEA CONDITIONS

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

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

Wave Exposure: L (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,L,M
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

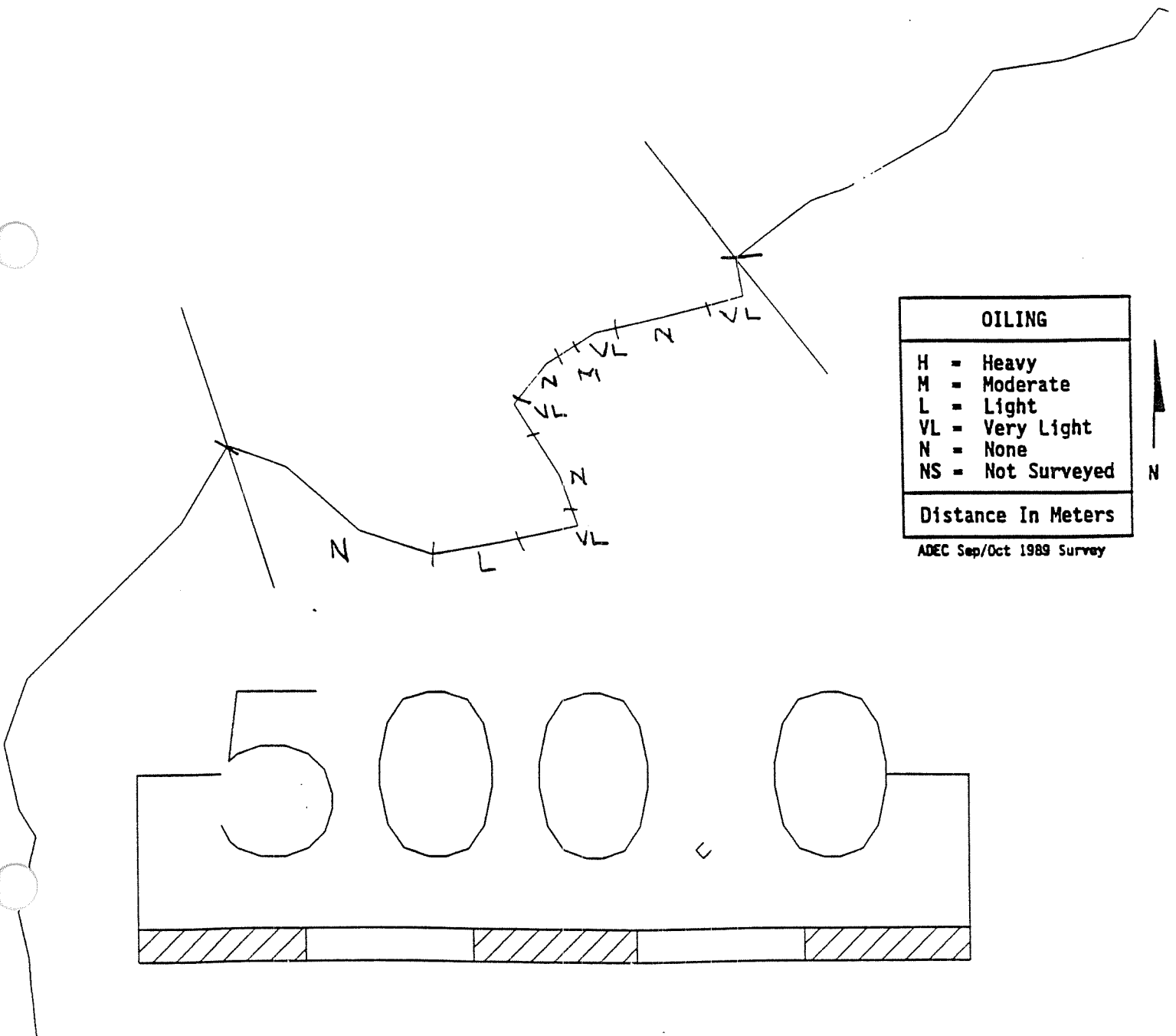
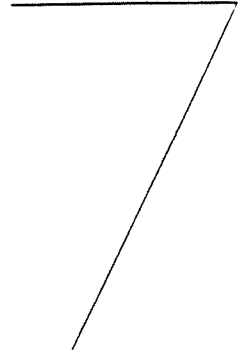
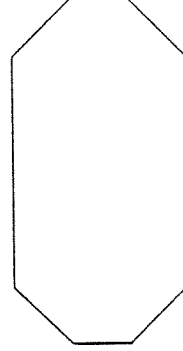
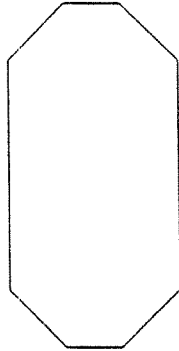
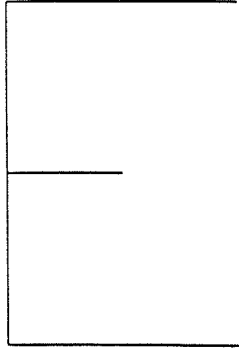
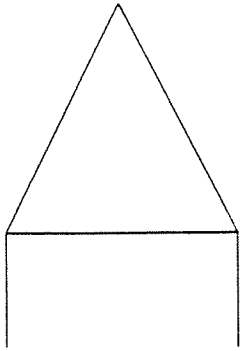
Percent Segment Categorized as Oiled: 40%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC Sep/Oct 1989 Survey

SECTION CONTENTS — AGULIAK ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
AG001	AGULIAK I., W OF KNIGHT I.

Printed: 12/12/89

Aguliak Island

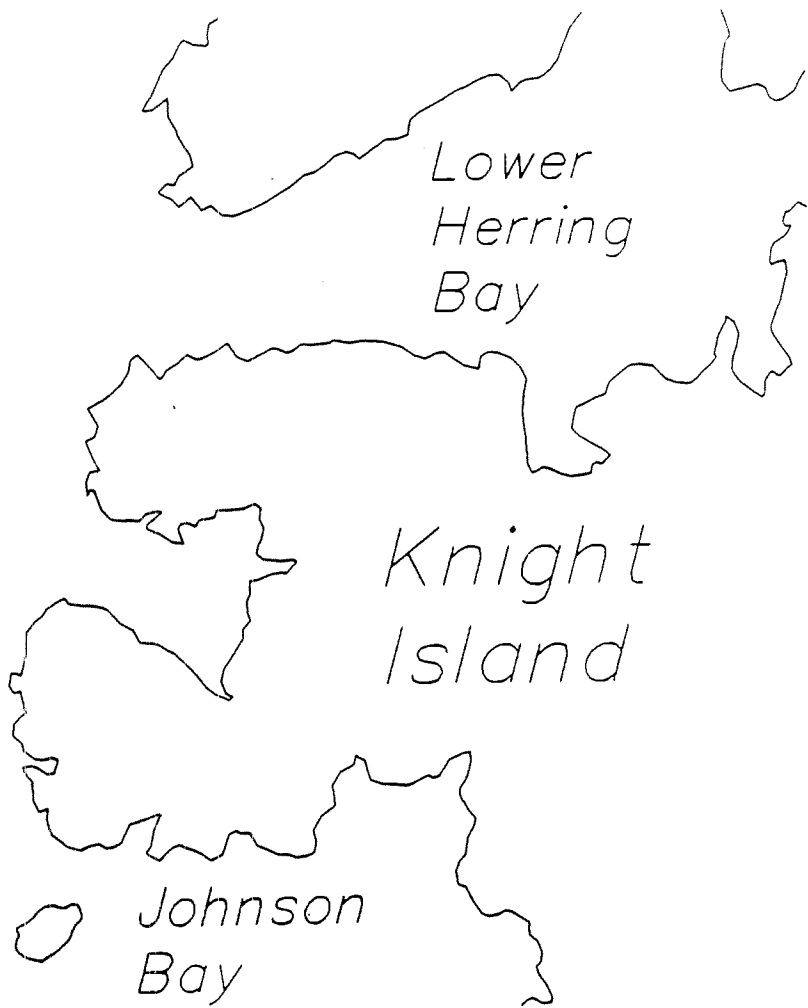
AG001

AG009

Lower
Herring
Bay

*Knight
Island*

*Johnson
Bay*



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: AG001 DATE: 09/28/89
 LOCATION: AGULIAK I., W OF KNIGHT I. TIME: 19:40

Survey Type: Boat, Ground
 Team: L. Gresehover, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 19:35 Feet: 0.88 High Tide: 1:07 Feet: 11.8
 Low Tide: 7:16 Feet: 0.51 High Tide: 13:33 Feet: 12.1

SHORELINE DESCRIPTION

Shoretypes: H,LR
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B
 (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: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

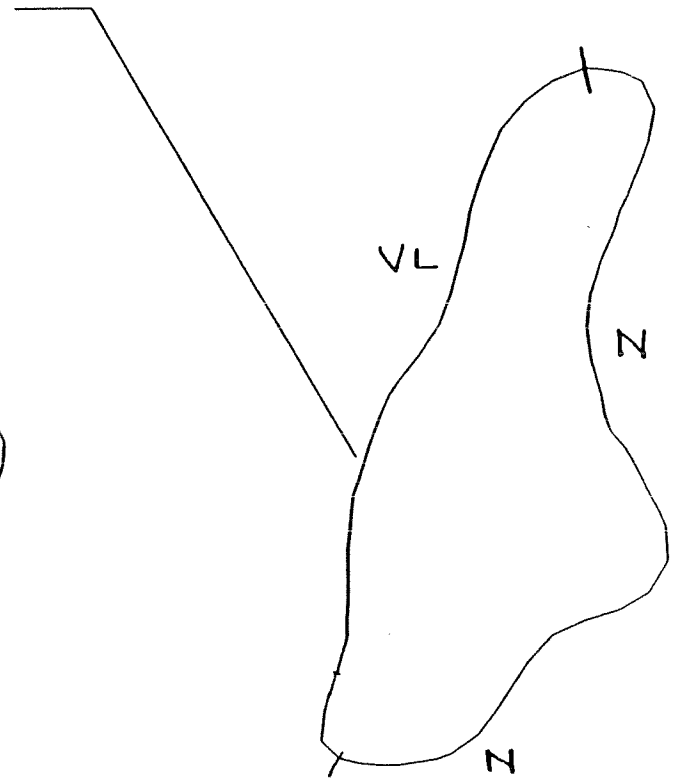
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

A G G O O 1

0 meters 500



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



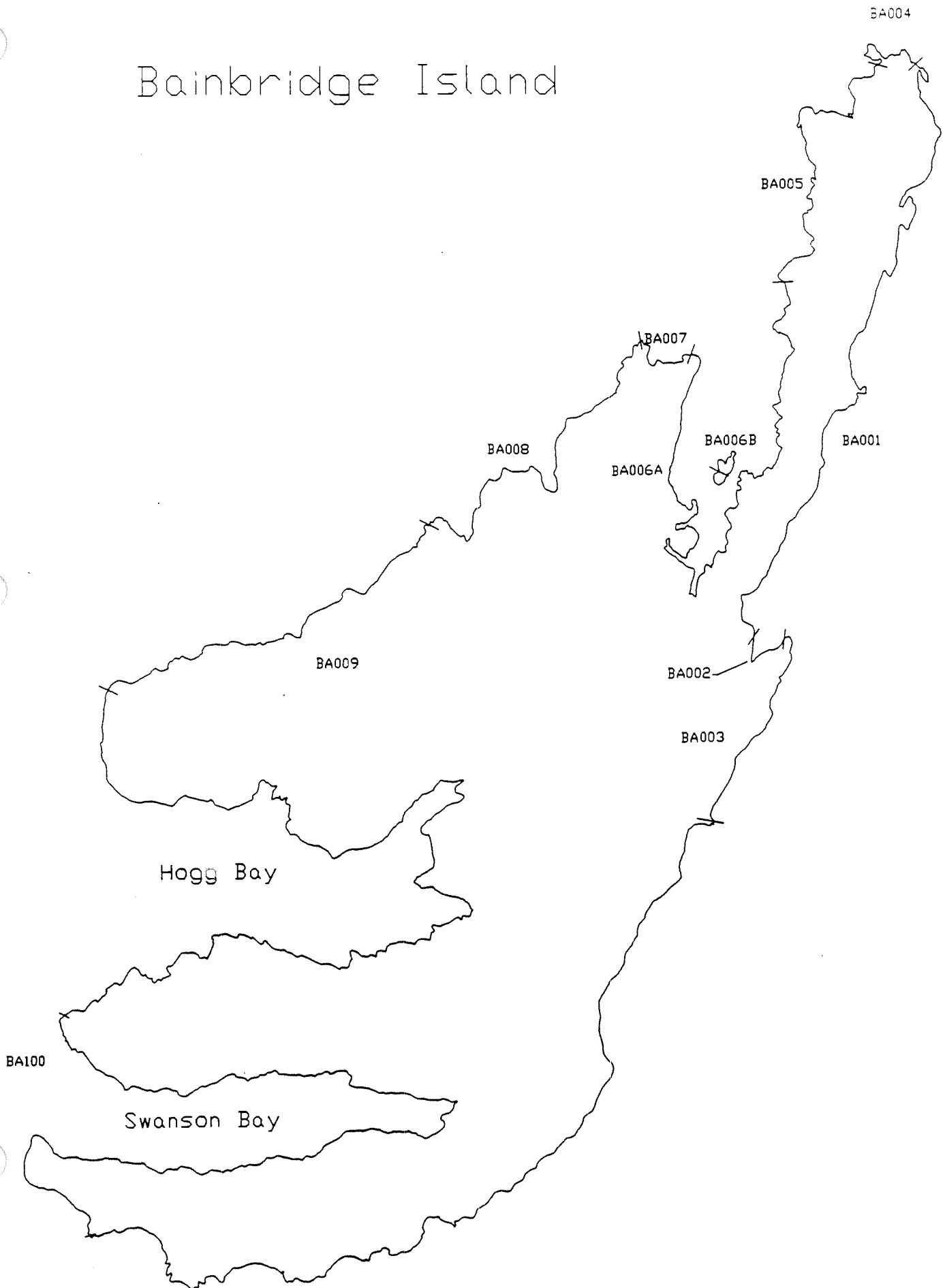
ADEC Sep/Oct 1989 Survey

SECTION CONTENTS — BAINBRIDGE PASSAGE

<u>SEGMENT#</u>	<u>LOCATION</u>
BA001	NE BAINBRIDGE ISLAND
BA002	E BAINBRIDGE ISLAND
BA003	E BAINBRIDGE ISLAND
BA004	N BAINBRIDGE ISLAND
BA005	W BAINBRIDGE ISLAND
BA006A	W BAINBRIDGE ISLAND
BA006B	ISLAND, N OF BAINBRIDGE I.
BA007	W BAINBRIDGE ISLAND
BA008	BAINBRIDGE PASSAGE
BA009	BAINBRIDGE PASSAGE

Printed: 12/12/89

Bainbridge Island



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA001
 LOCATION: NE BAINBRIDGE ISLAND

DATE: 10/13/89
 TIME: 9:01

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

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

Max. Oil Thickness: 10 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 25 cm (35 = 35 cm or greater)

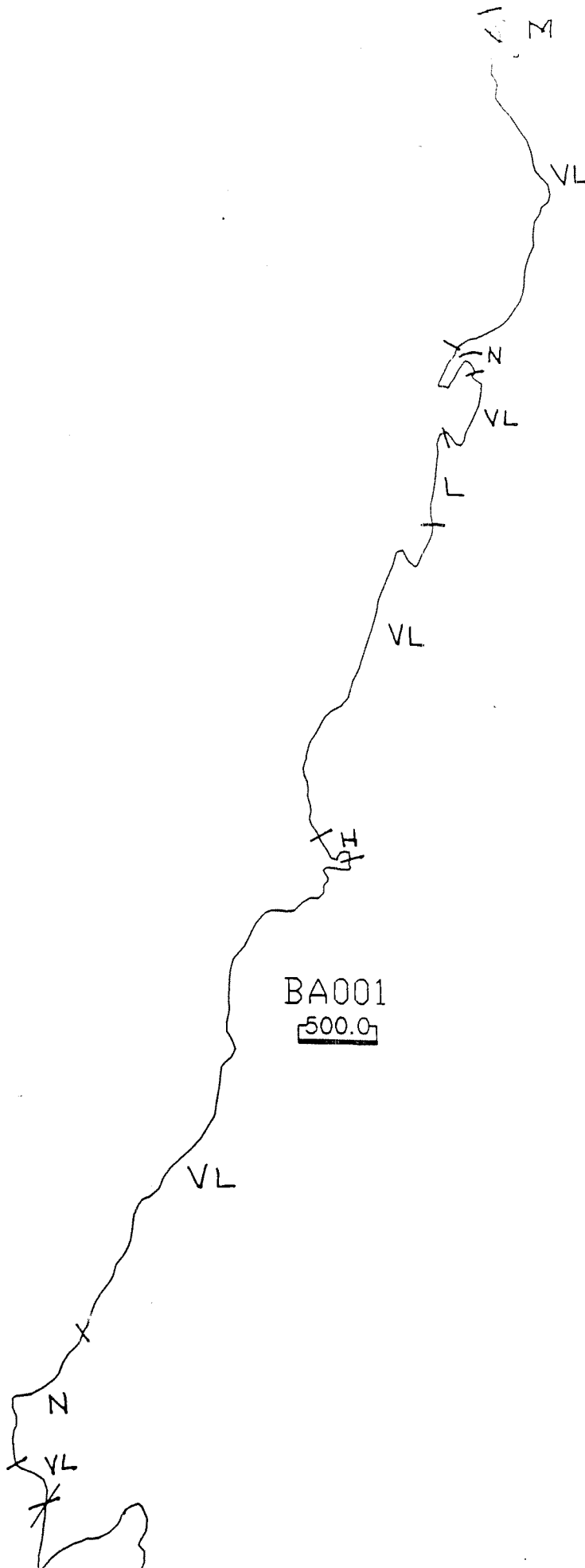
Percent Segment Categorized as Oiled: 95%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: BA001-1 / BA001-2 / none / none

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: Few localities, cleanup debris
 Bags Collected: 1



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



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA002
 LOCATION: E BAINBRIDGE ISLAND

DATE: 10/13/89
 TIME: 9:05

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NE
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: M (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,L
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 25 mm (1 = 1 mm or less; 0 = no oil)
 Max. Oil Penetration: 25 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 75%
 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: BA002-1 / BA002-2 / BA002-3 / none

DAMAGED OR OILED ORGANISMS

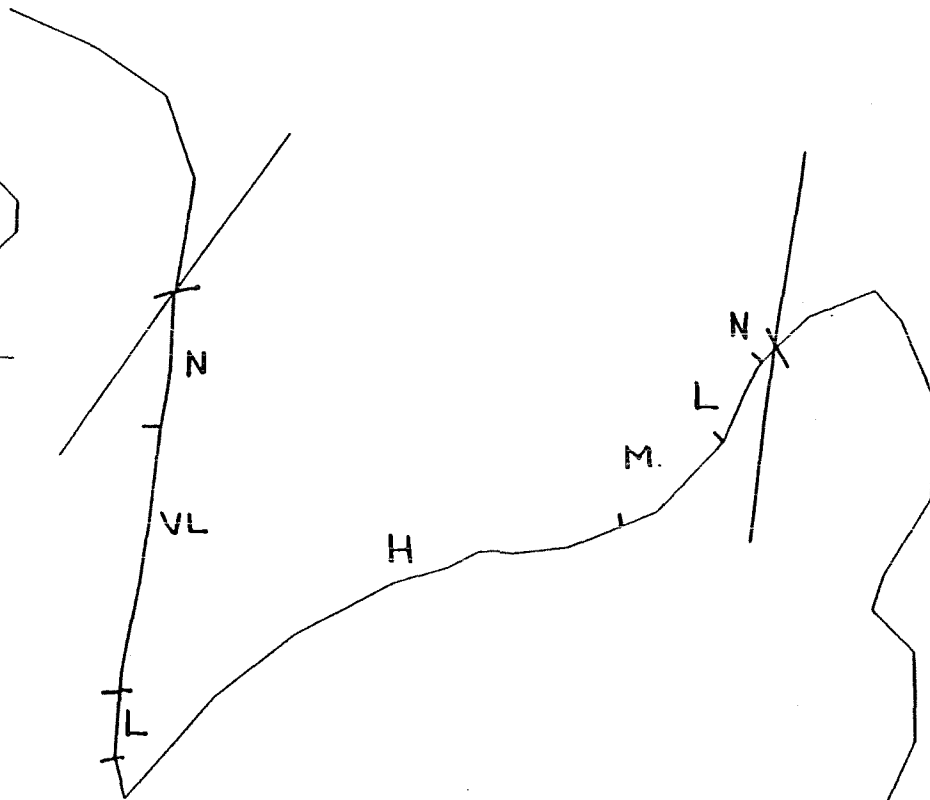
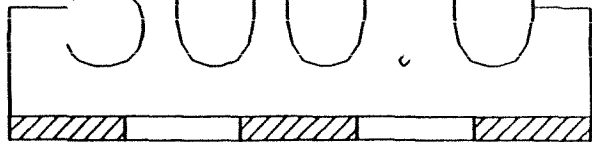
Fucus (y/n): y Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities
 Bags Collected: 0

BA0002

500.0



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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA003
LOCATION: E BAINBRIDGE ISLAND

DATE: 10/13/89
TIME: 10:00

Survey Type: Boat, Ground
Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NE
Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
Wave Exposure: M (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,L
(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: 10 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 10 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 40%
Presence of Oiled Driftwood (y/n): n
Oil Types: A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: BA003-1 / BA003-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

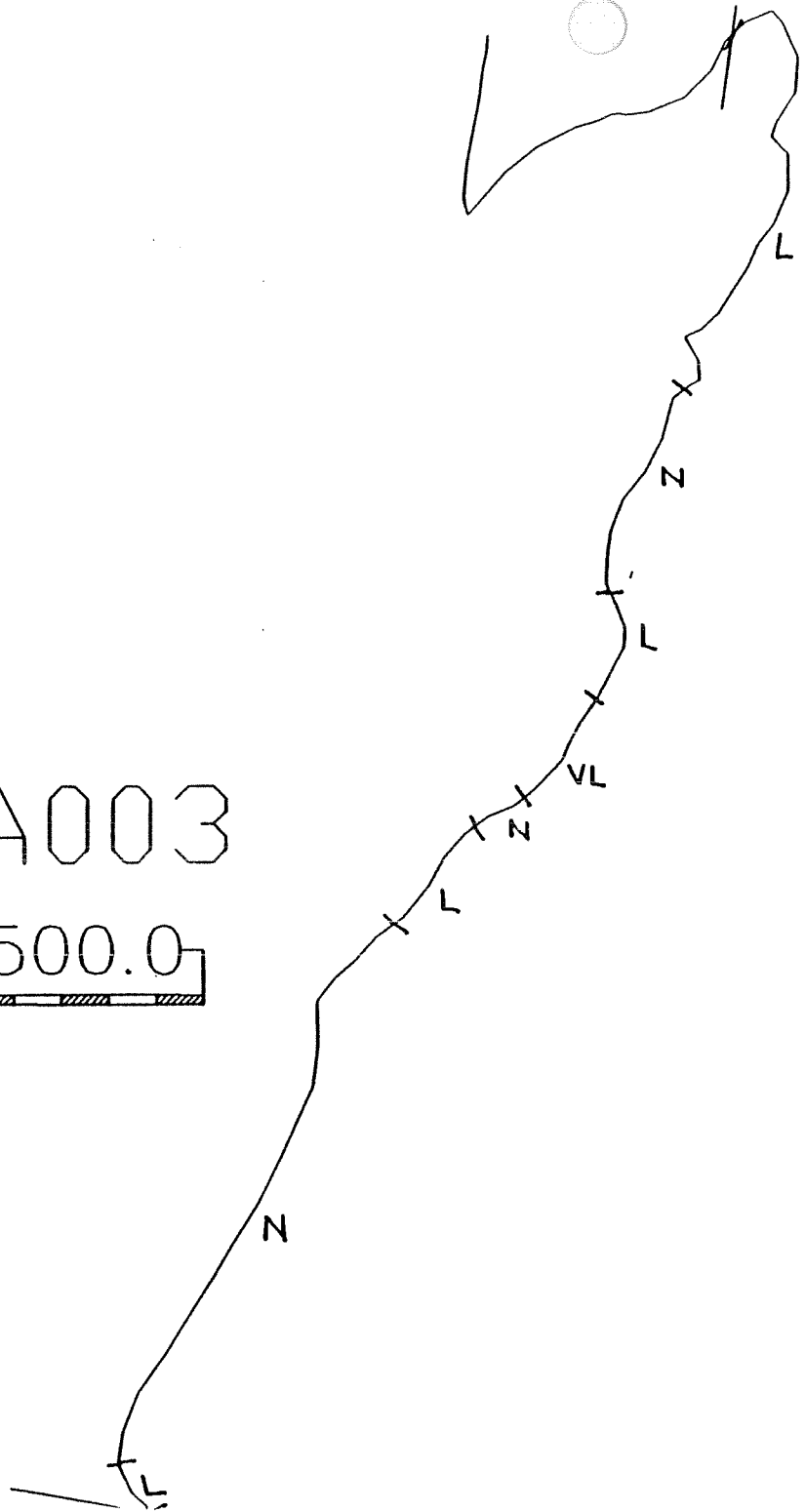
Type: One locality
Bags Collected: 0

Draft

Printed: 12/12/89 10:59

BA003

500.0



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

N

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA004
LOCATION: N BAINBRIDGE ISLAND

DATE: 10/12/89
TIME: 17:30

Survey Type: Boat, Ground
Team: P. Endres, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,M
(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: 3 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 5%
Presence of Oiled Driftwood (y/n): y
Oil Types: SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: BA004-1 / BA004-2 / none / none

DAMAGED OR OILED ORGANISMS

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

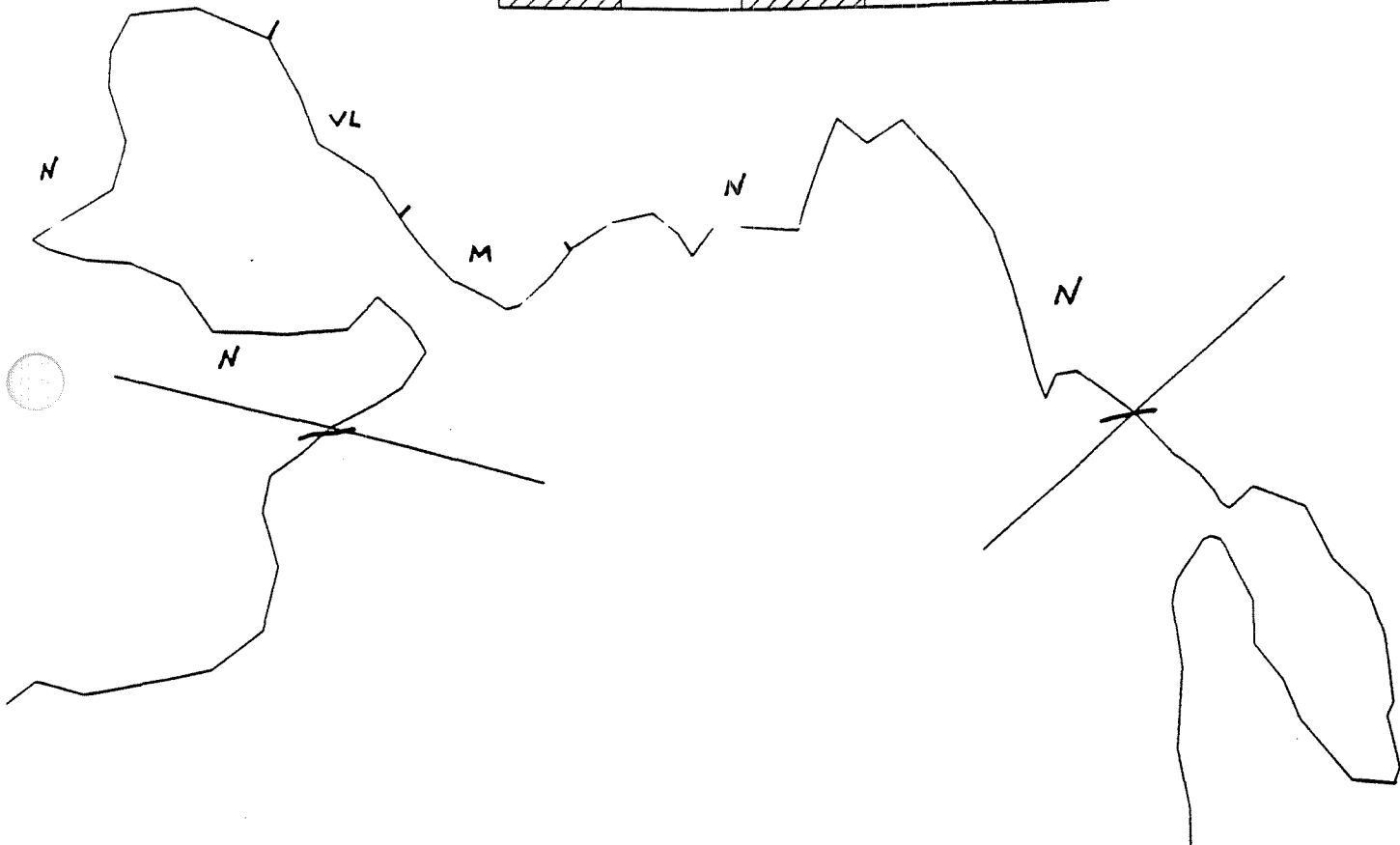
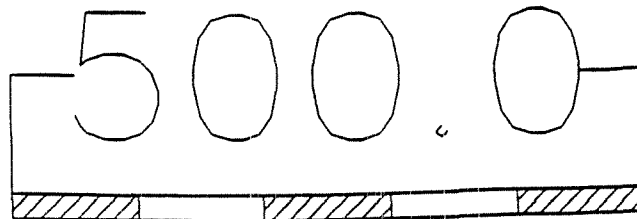
SOLID WASTE FOUND

Type: None
Bags Collected: 0

Draft

Printed: 12/12/89 10:59

BA0004



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA005
LOCATION: W BAINBRIDGE ISLAND

DATE: 10/12/89
TIME: 16:35

Survey Type: Boat, Ground
Team: P. Endres, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

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

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

Percent Segment Categorized as Oiled: 0%
Presence of Oiled Driftwood (y/n): n
Oil Types: none
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

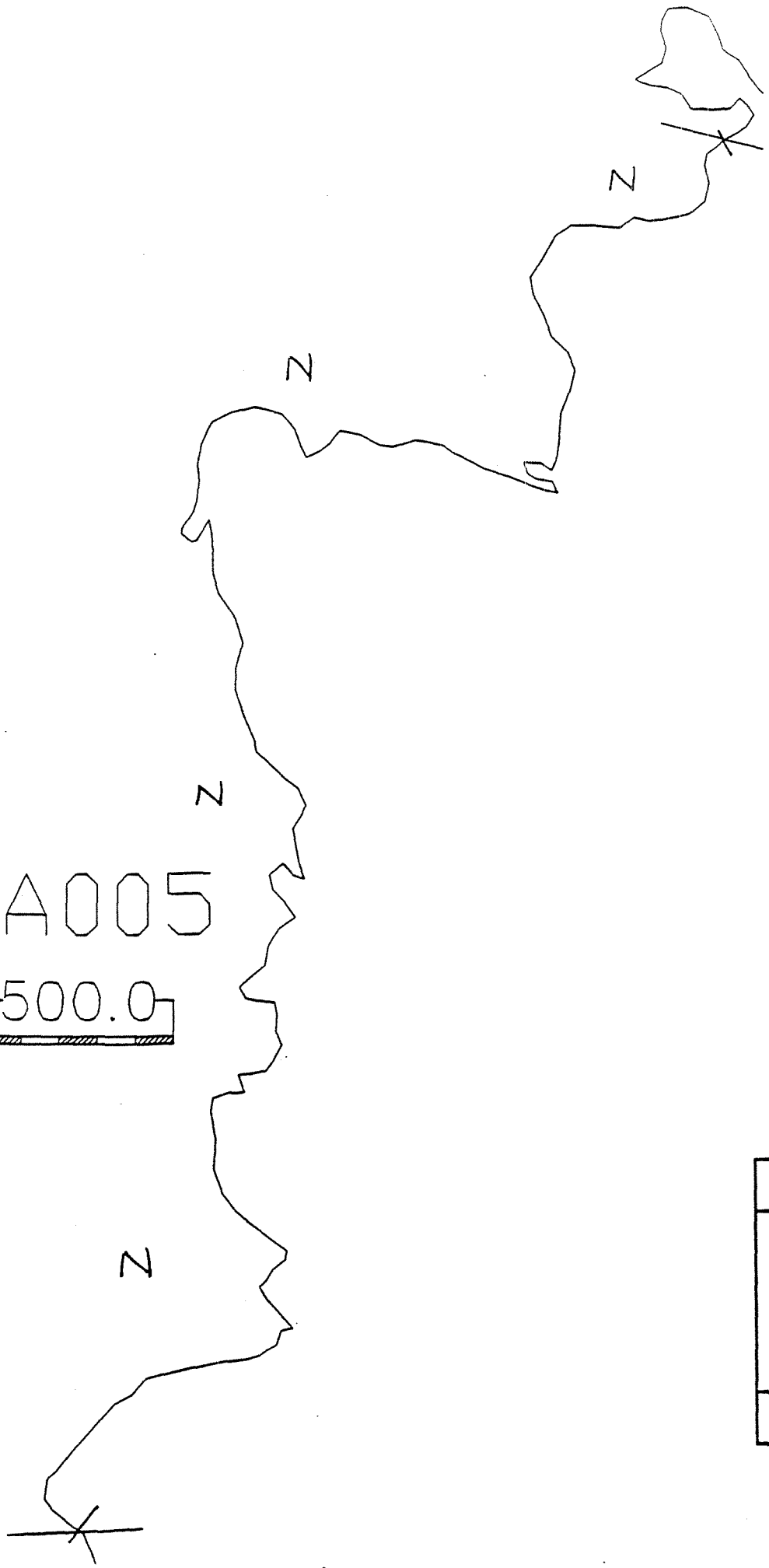
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

BA005

500.0



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA006A
LOCATION: W BAINBRIDGE ISLAND

DATE: 10/12/89
TIME: 17:20

Survey Type: Boat, Ground
Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Moderate

Wind Direction: N
Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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
(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: 25 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 2 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 10%
Presence of Oiled Driftwood (y/n): y
Oil Types: SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: BA006-A1 / BA006-A2 / none / none

DAMAGED OR OILED ORGANISMS

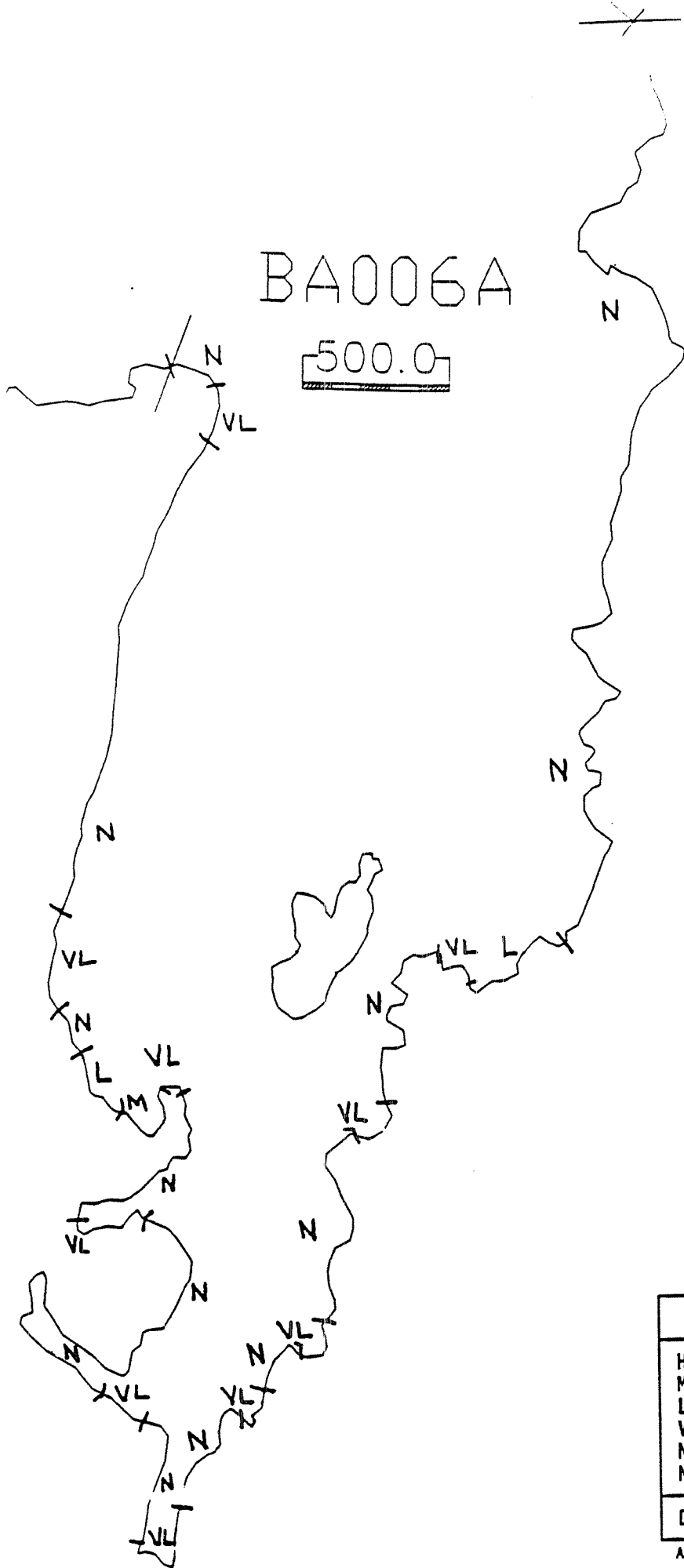
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, pom poms
Bags Collected: 0

BA006A

500.0



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA006B DATE: 10/13/89
LOCATION: ISLAND, N OF BAINBRIDGE I. TIME: 9:10

Survey Type: Boat, Ground
Team: M. Ebel. B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: N
Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
Wave Exposure: H,M (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: 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: 0 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 5%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,T,A
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: BA006-B1 / BA006-B2 / none / none

DAMAGED OR OILED ORGANISMS

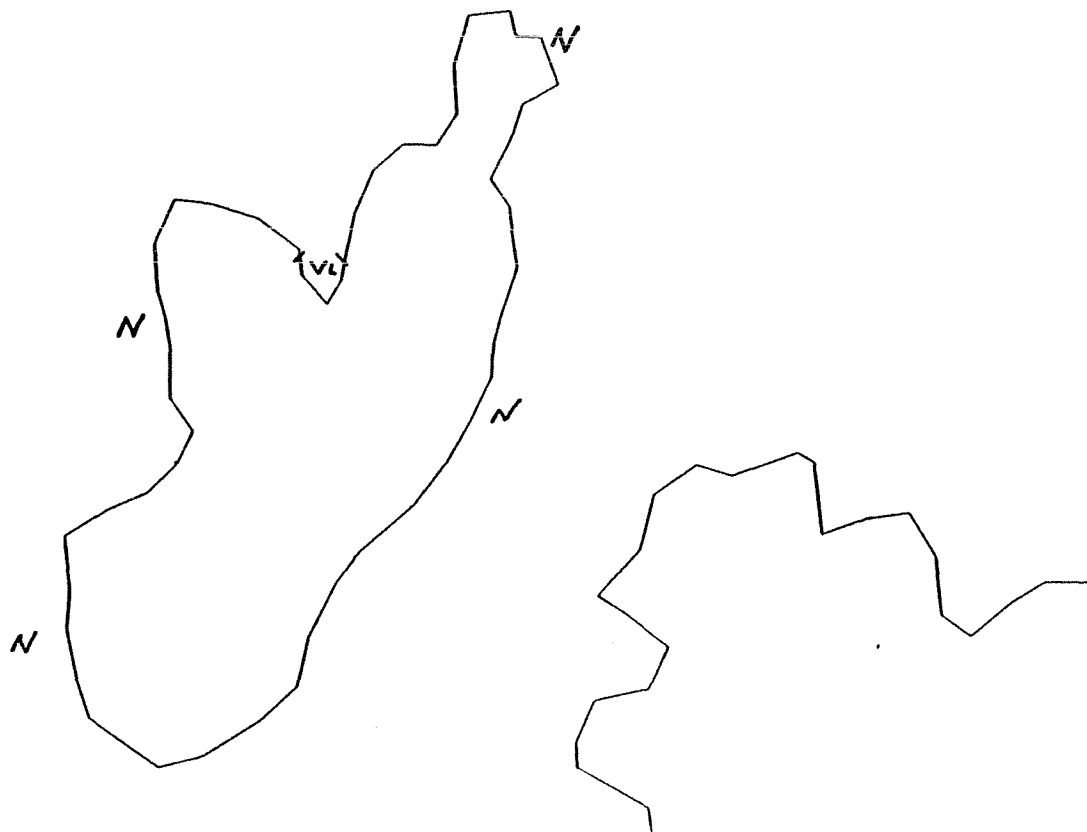
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality
Bags Collected: 0

BA006B

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA007
 LOCATION: W BAINBRIDGE ISLAND

DATE: 10/12/89
 TIME: 16:20

Survey Type: Boat, Ground
 Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Rough

Wind Direction: N
 Knots: 0-30

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 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: H,M (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
 (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: 6 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: BA007-1 / BA007-2 / none / none

DAMAGED OR OILED ORGANISMS

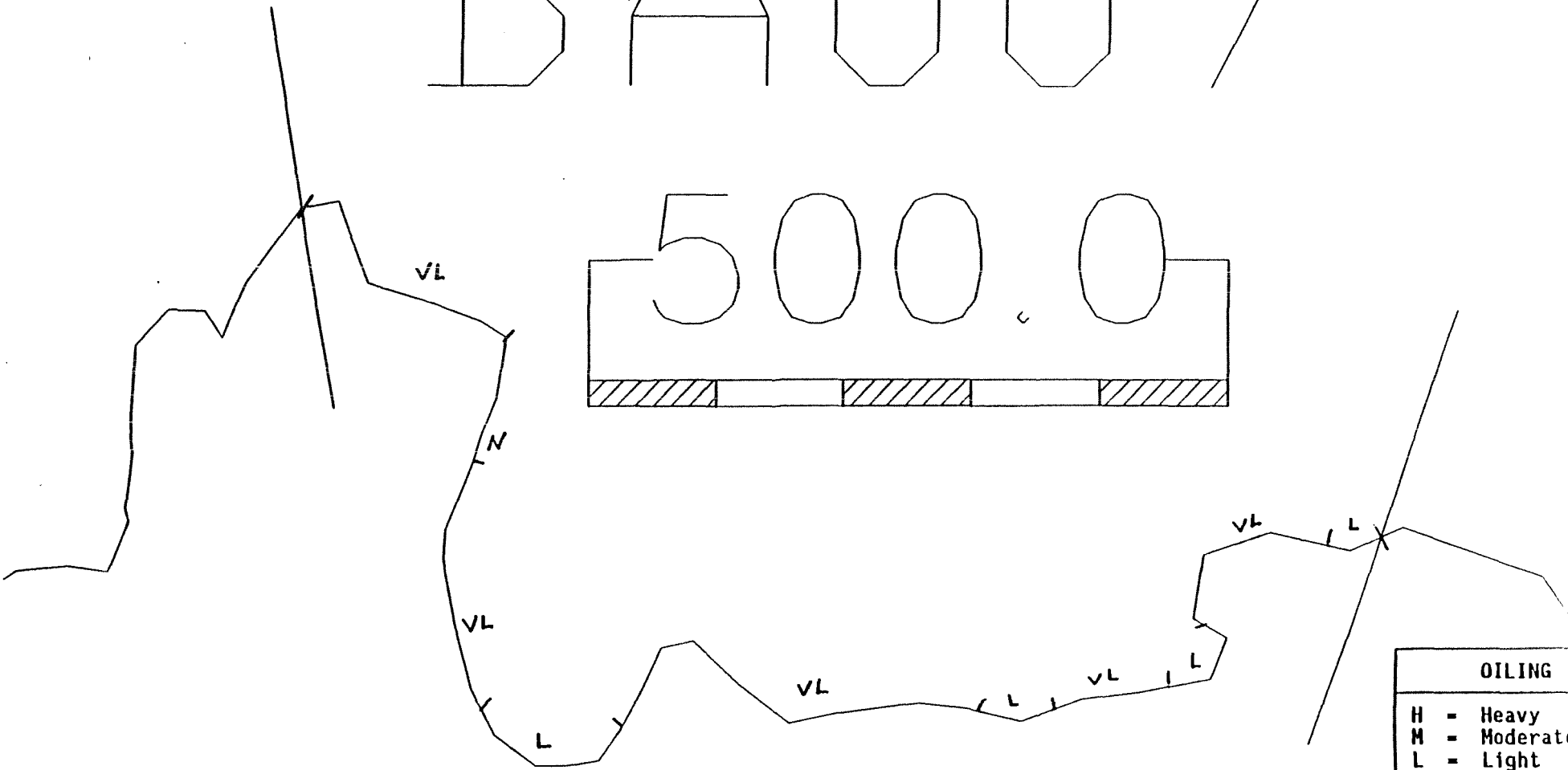
Fucus (y/n): y Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

BA007

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA008
 LOCATION: BAINBRIDGE PASSAGE

DATE: 10/12/89
 TIME: 17:45

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 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 (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,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 4 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 35%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: BA008-1 / BA008-2 / 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



BA008

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BA009
 LOCATION: BAINBRIDGE PASSAGE

DATE: 10/13/89
 TIME: 10:45

Survey Type: Boat, Ground
 Team: G. Pavia, T. Turner

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: M (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
 (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: 0 cm (35 = 35 cm or greater)

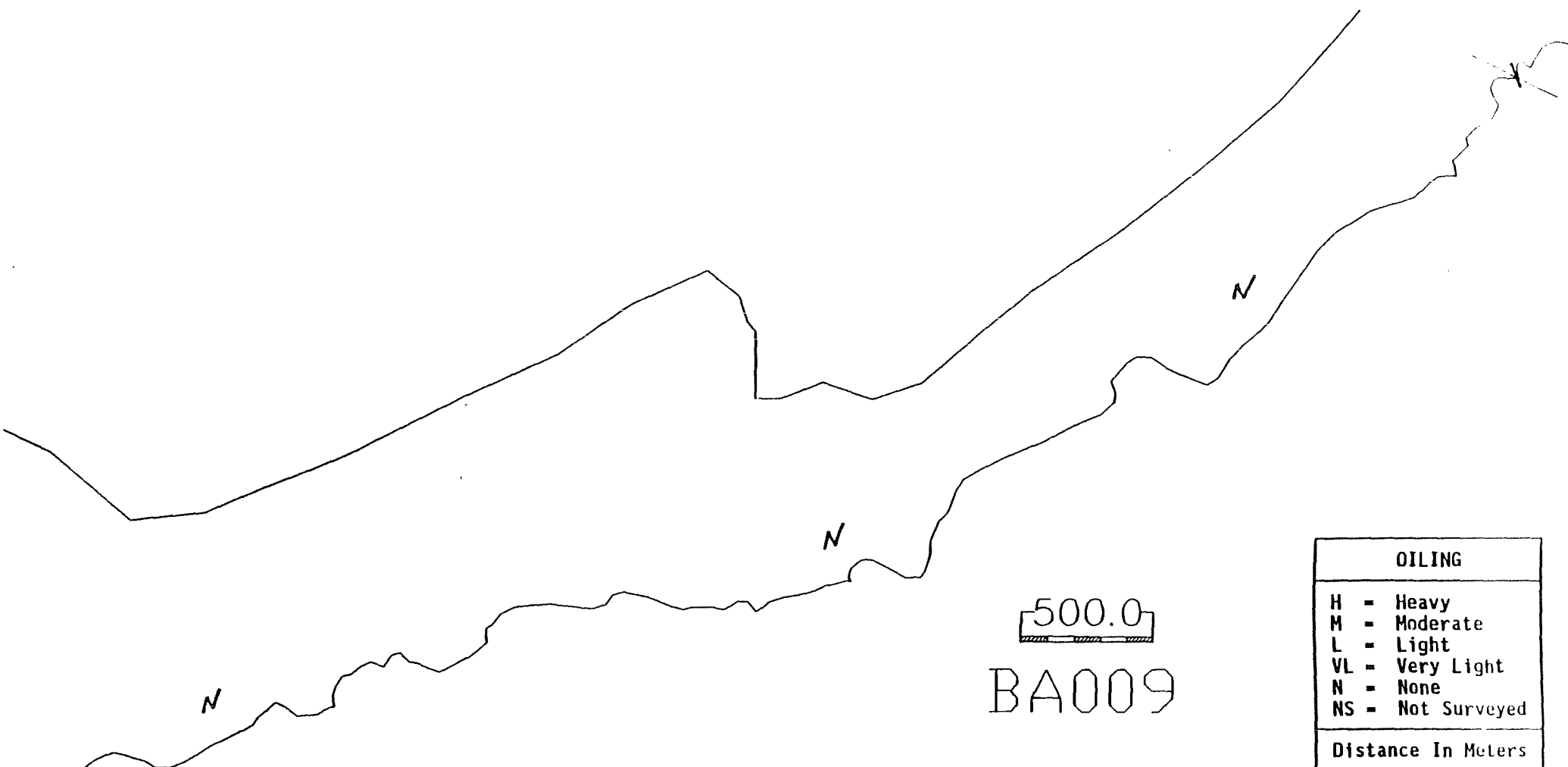
Percent Segment Categorized as Oiled: 1%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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: Few localities
 Bags Collected: 0



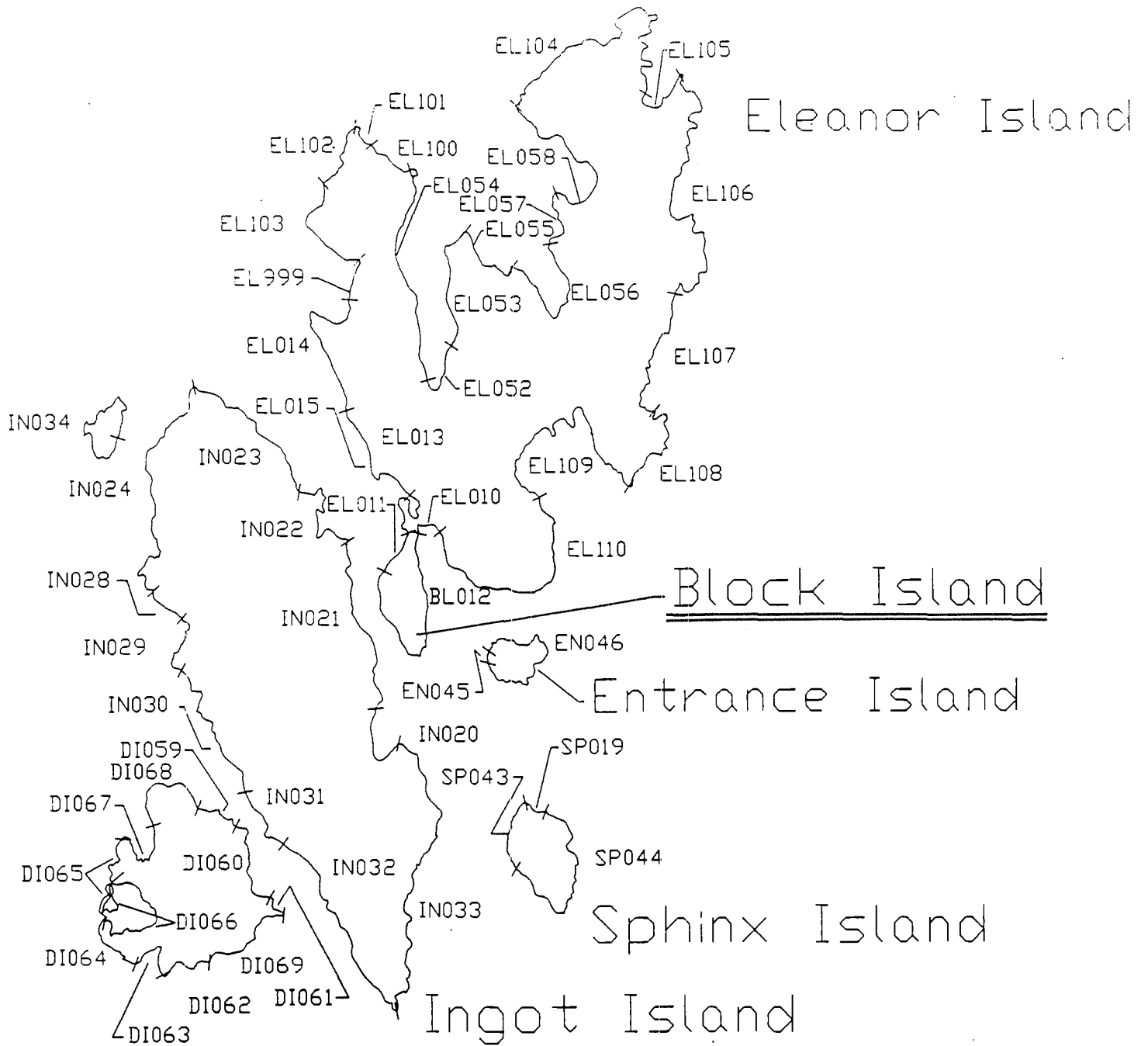
500.0
BA009

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

SECTION CONTENTS — BLOCK ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
BL012	E BLOCK ISLAND

Printed: 12/12/89



Eleanor Island

Block Island

Entrance Island

Sphinx Island

Ingot Island

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BL012
 LOCATION: E BLOCK ISLAND

DATE: 09/15/89
 TIME: 20:00

Survey Type: Boat, Ground
 Team: B. McCready, D. Zobrist, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

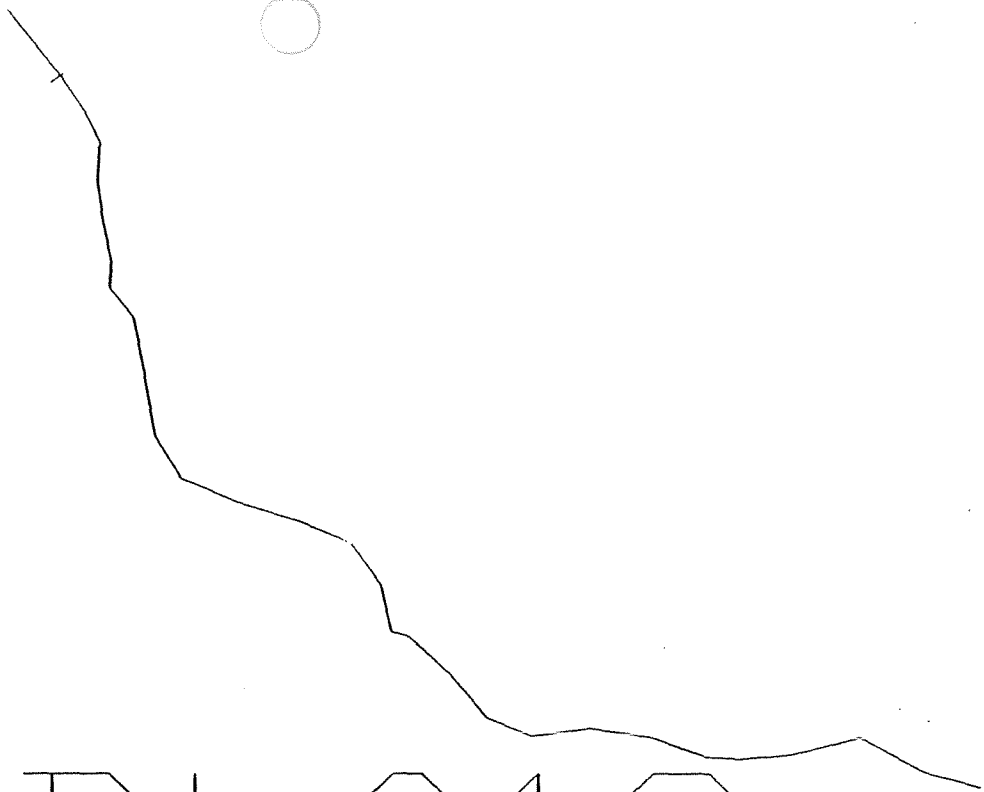
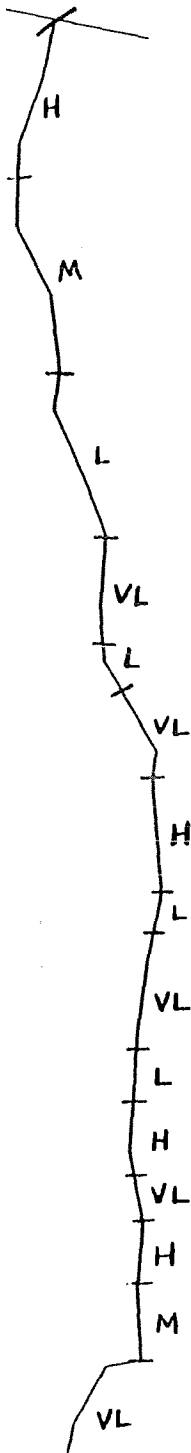
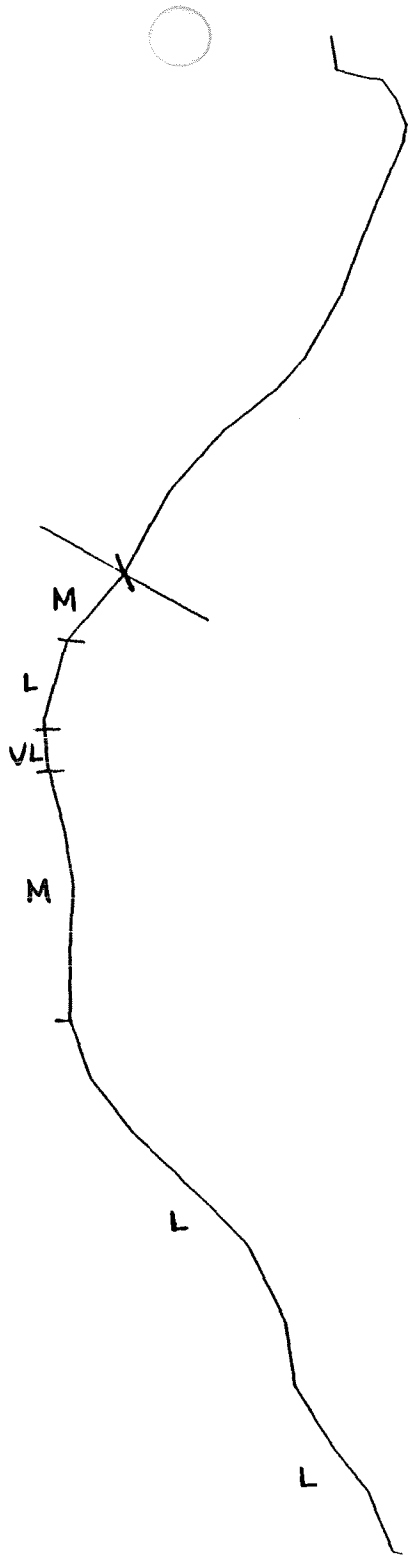
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: BL012-1 / BL012-2 / none / none

DAMAGED OR OILED ORGANISMS

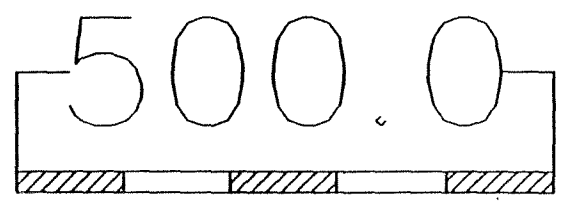
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, boom
 Bags Collected: 0



BL012

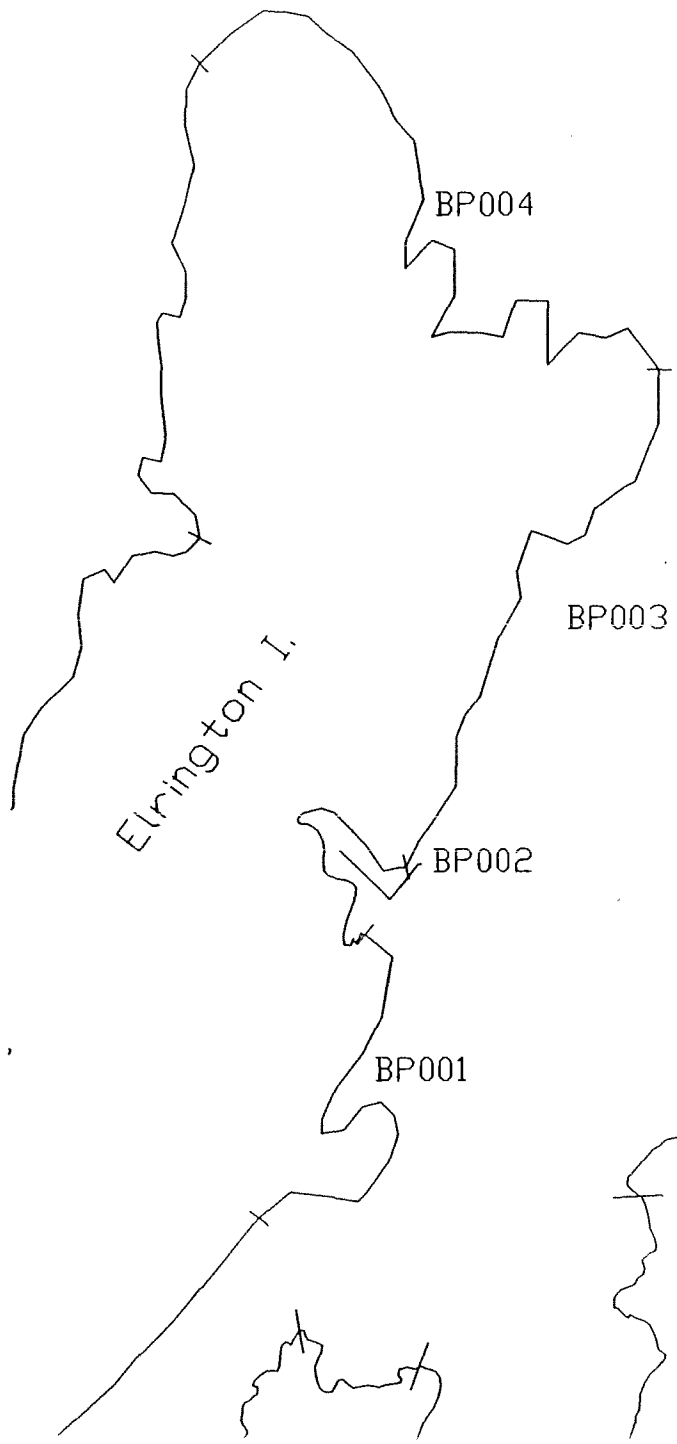


OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed
Distance In Meters	

SECTION CONTENTS — BAINBRIDGE PASSAGE

<u>SEGMENT#</u>	<u>LOCATION</u>
BP001	BAINBRIDGE PASSAGE
BP002	BAINBRIDGE PASSAGE
BP003	E BAINBRIDGE PASSAGE
BP004	BAINBRIDGE PASSAGE

Printed: 12/12/89



BAINBRIDGE PASSAGE



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BP001
 LOCATION: BAINBRIDGE PASSAGE

DATE: 10/12/89
 TIME: 16:55

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (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,M
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: BP001-1 / BP001-2 / none / none

DAMAGED OR OILED ORGANISMS

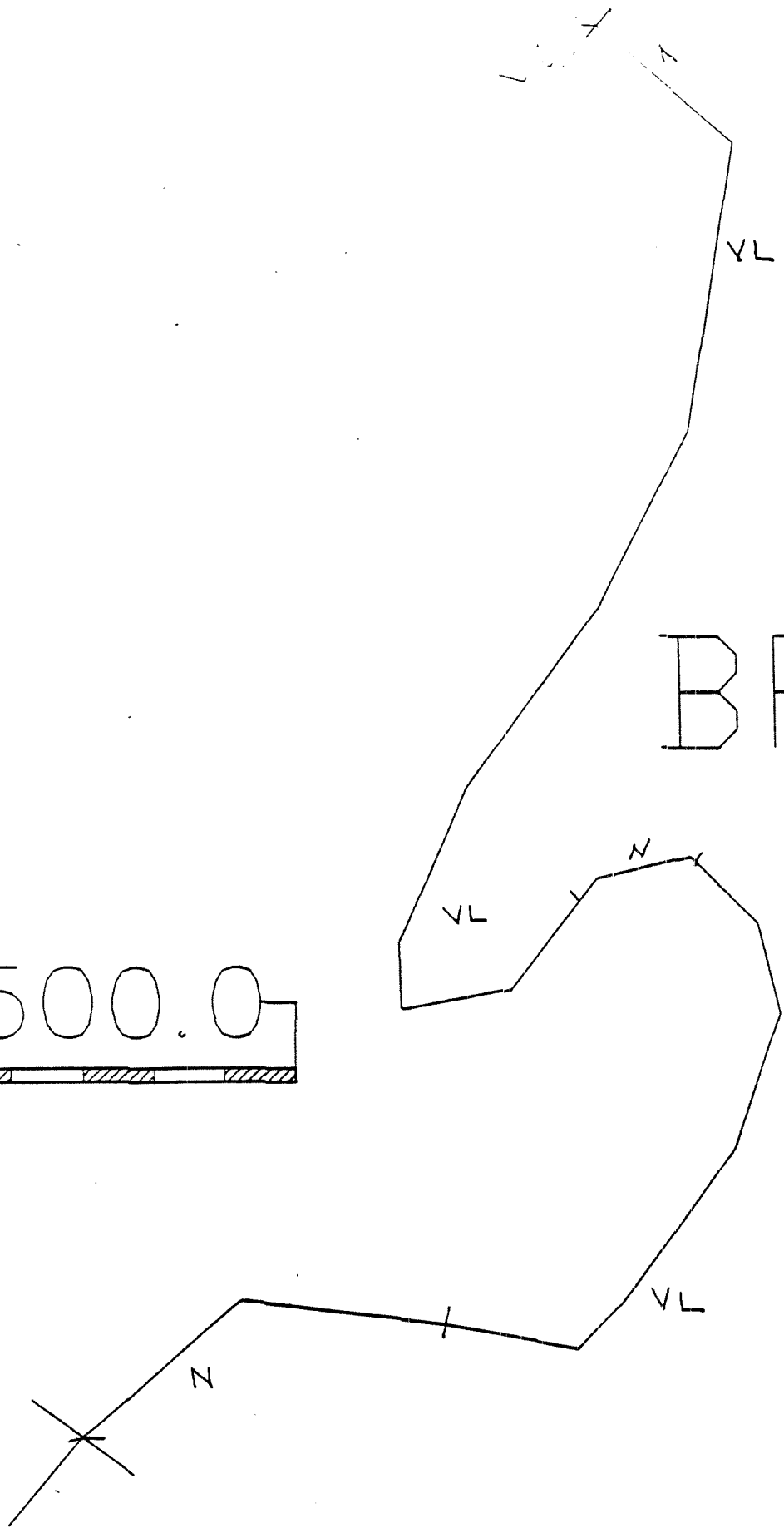
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

BP 001

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BP002
 LOCATION: BAINBRIDGE PASSAGE

DATE: 10/12/89
 TIME: 16:21

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: L (H=high, M=moderate, L=low)
 Shoreline Composition: R
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

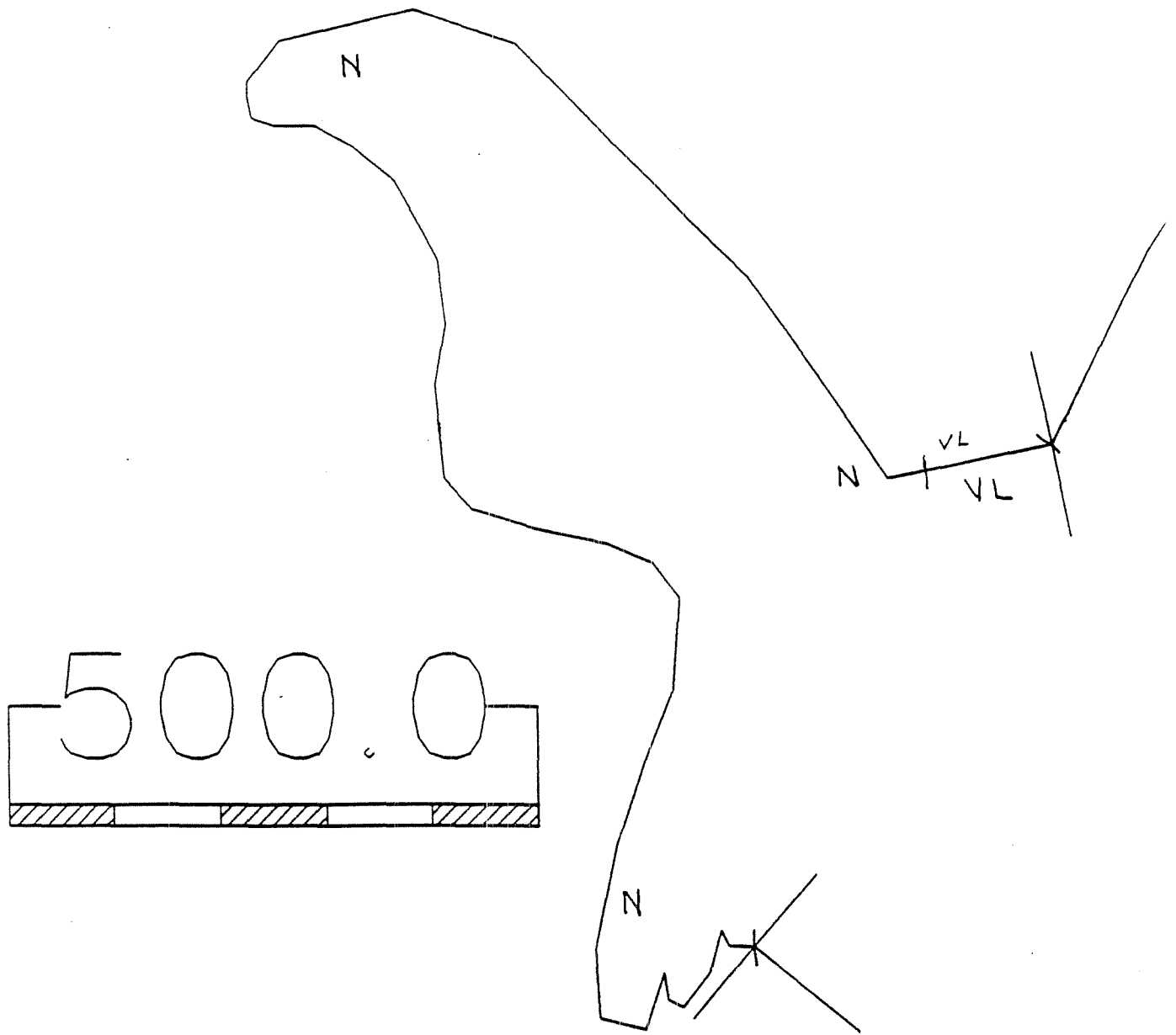
DAMAGED OR OILED ORGANISMS

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

BP0002



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BP003
 LOCATION: E BAINBRIDGE PASSAGE

DATE: 10/12/89
 TIME: 17:40

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

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

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

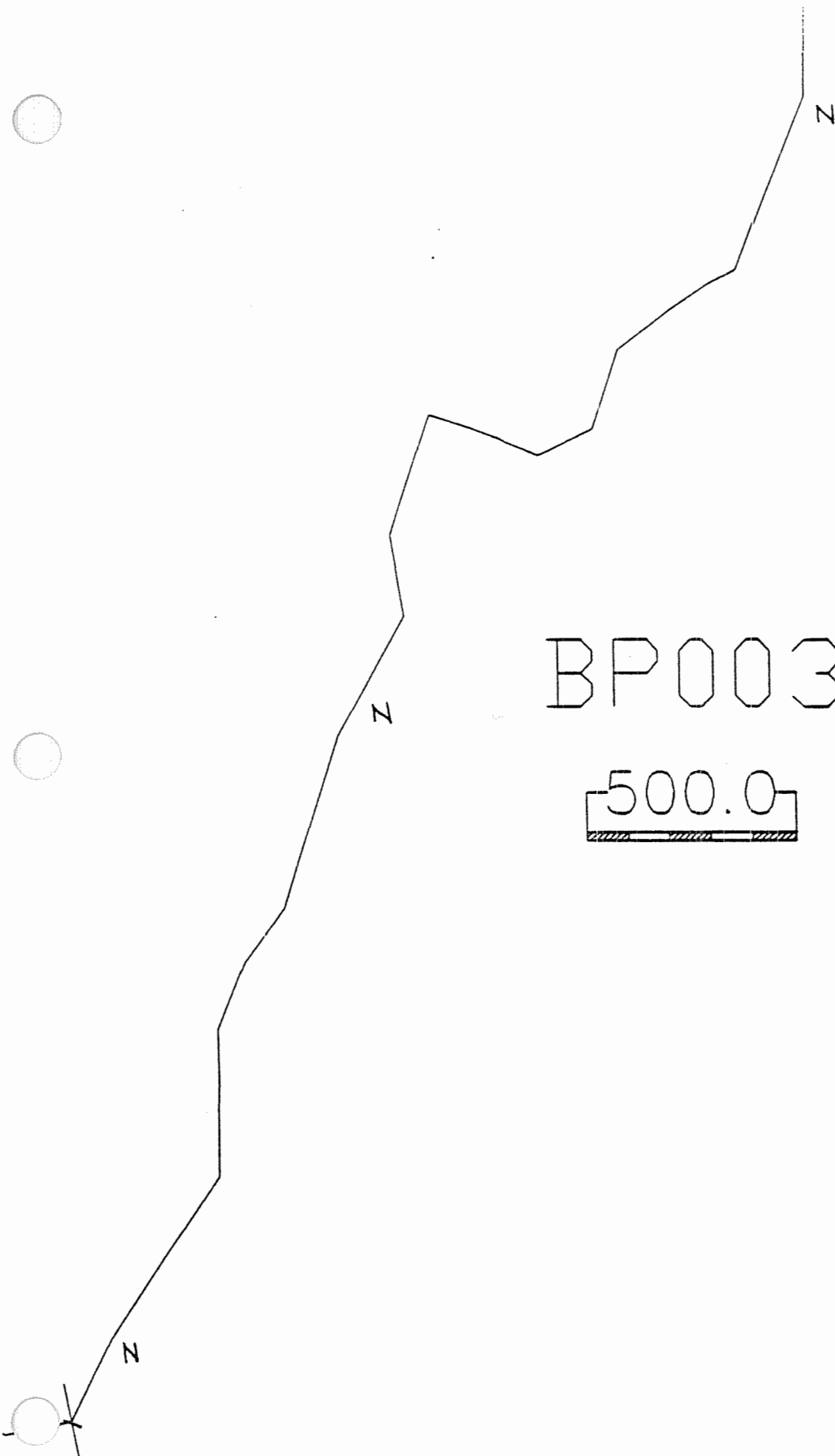
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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: One locality, cleanup debris
 Bags Collected: 0



BP003

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: BP004
 LOCATION: BAINBRIDGE PASSAGE

DATE: 10/12/89
 TIME: 17:00

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 6:02	Feet: 0.63	High Tide: 12:17	Feet: 12.3
Low Tide: 18:27	Feet: 0.82	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: H,M (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
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: none
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

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

Percent Segment Categorized as Oiled: 0%

Presence of Oiled Driftwood (y/n): n

Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

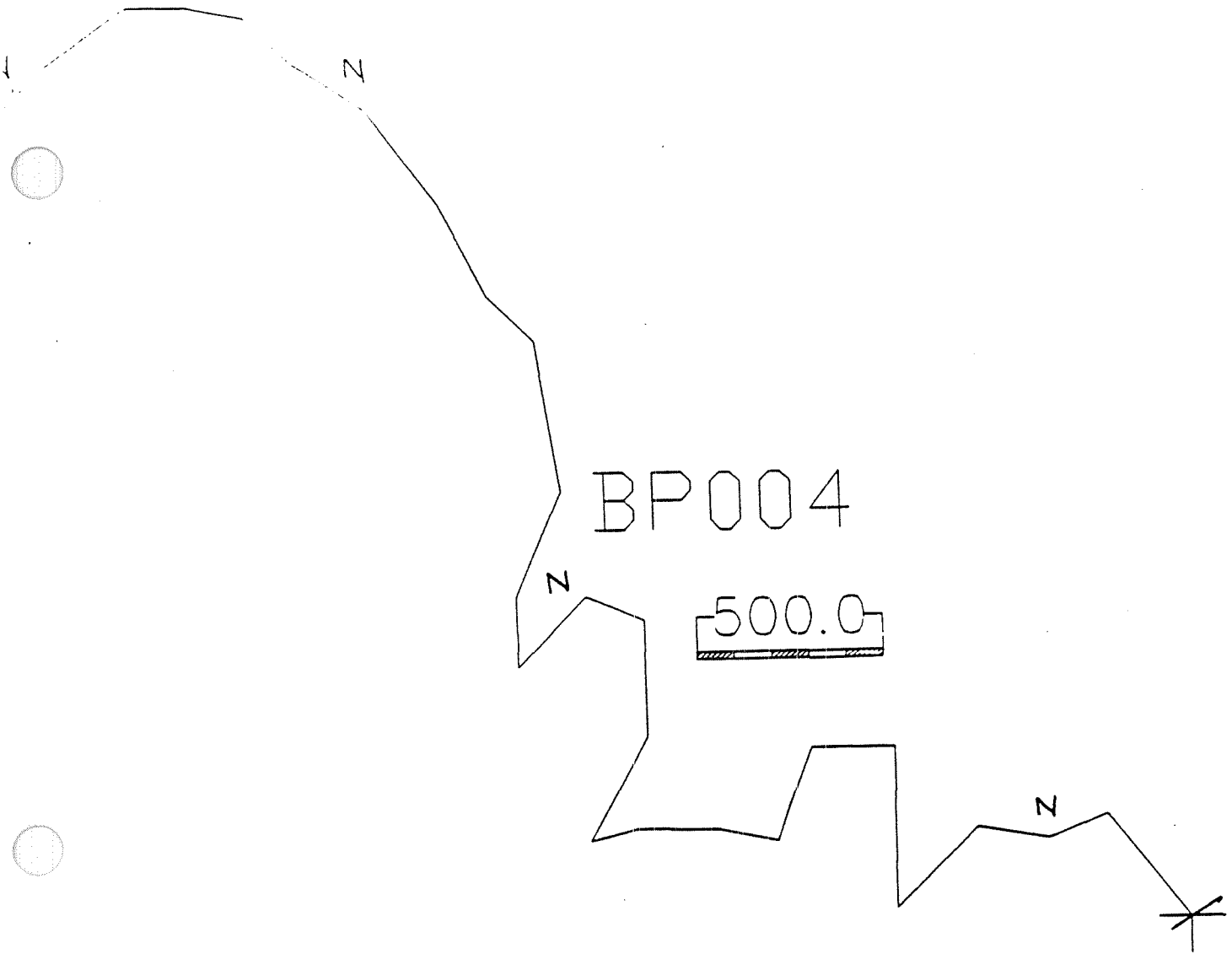
DAMAGED OR OILED ORGANISMS

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



BP004

500.0

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

SECTION CONTENTS — CHENEGA ISLAND

SEGMENT#	LOCATION
CH001	E CHENEGA ISLAND
CH002	E CHENEGA ISLAND
CH003	E CHENEGA ISLAND
CH004	E CHENEGA ISLAND
CH005	E CHENEGA ISLAND
CH006	NE CHENEGA ISLAND
CH007	NE CHENEGA ISLAND
CH008	N CHENEGA ISLAND
CH009	NE CHENEGA ISLAND
CH010	N CHENEGA ISLAND
CH011	N CHENEGA ISLAND
CH012	N CHENEGA ISLAND
CH013	N CHENEGA ISLAND
CH014	S CHENEGA ISLAND
CH015A	S CHENEGA ISLAND
CH015B	S CHENEGA ISLAND
CH015C	ISLAND, S OF CHENEGA I.
CH016	S CHENEGA ISLAND
CH017	SE CHENEGA ISLAND
CH018	S CHENEGA ISLAND
CH019	S CHENEGA ISLAND
CH020	SE CHENEGA ISLAND
CH021	E CHENEGA ISLAND
CH022	S CHENEGA ISLAND
CH023	E CHENEGA ISLAND
CH900A	SW CHENEGA ISLAND

Printed: 12/12/89



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH001
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 9:00

Survey Type: Boat, Ground
 Team: B. Fitzsimons, H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,L,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M,L
 (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: 15 cm (35 = 35 cm or greater)

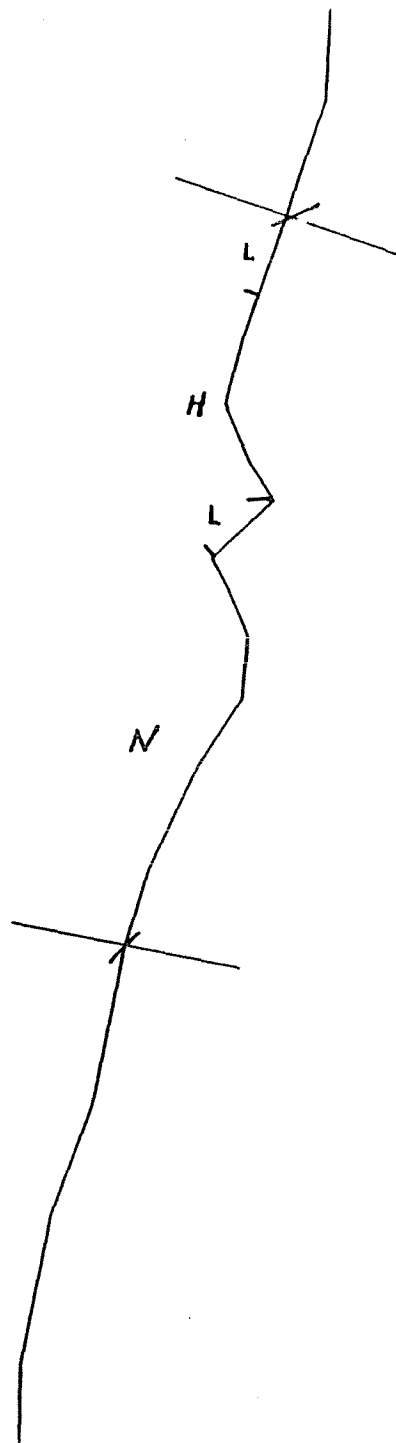
Percent Segment Categorized as Oiled: 30%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CH001-1 / CH001-2 / none / none

DAMAGED OR OILED ORGANISMS

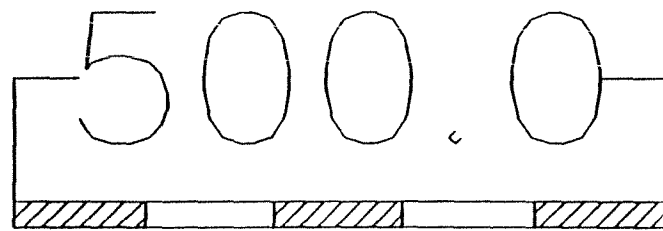
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



CH0001



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH002
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 8:57

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

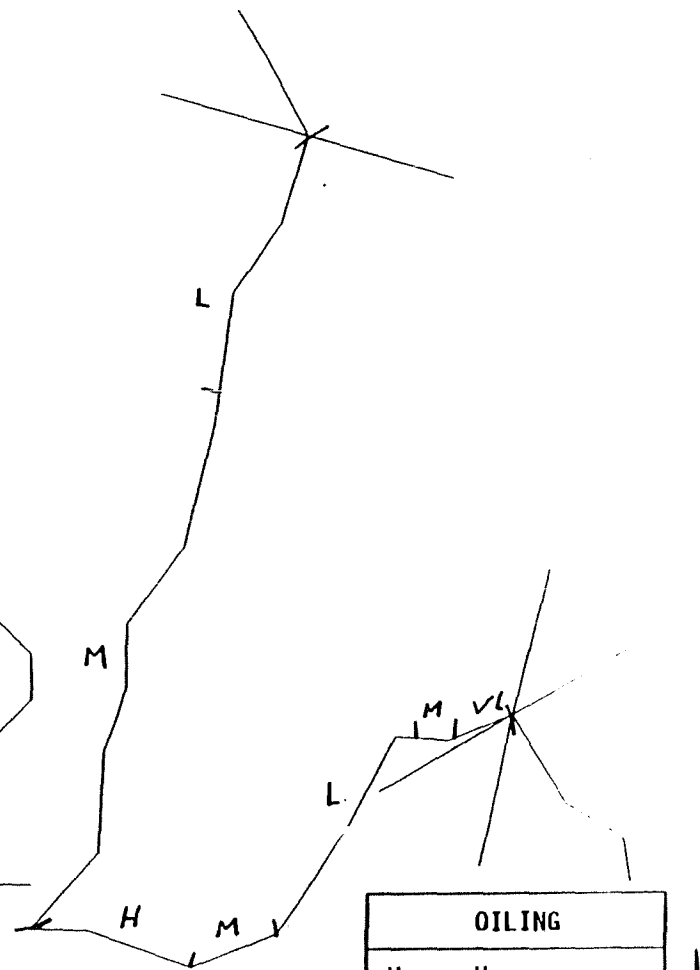
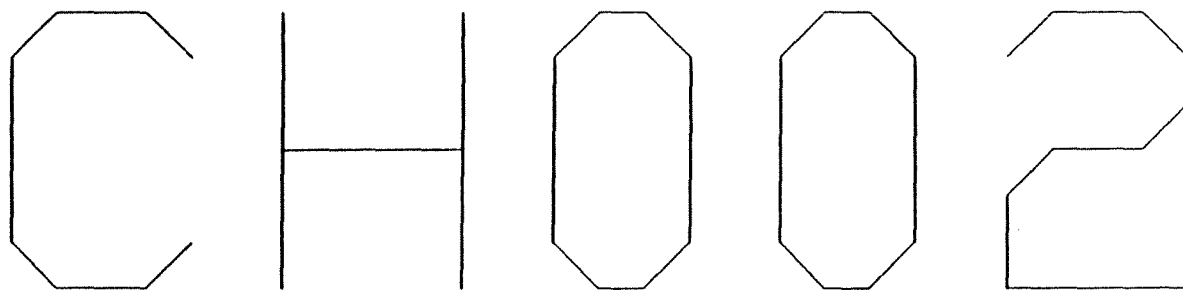
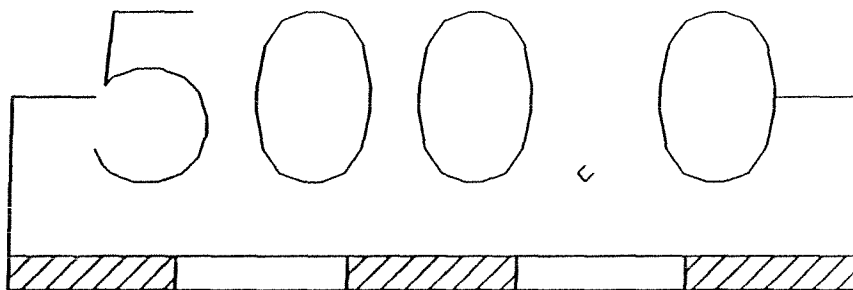
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH003
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 8:45

Survey Type: Boat, Ground
 Team: B. Fitzsimons, H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,B
 (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,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

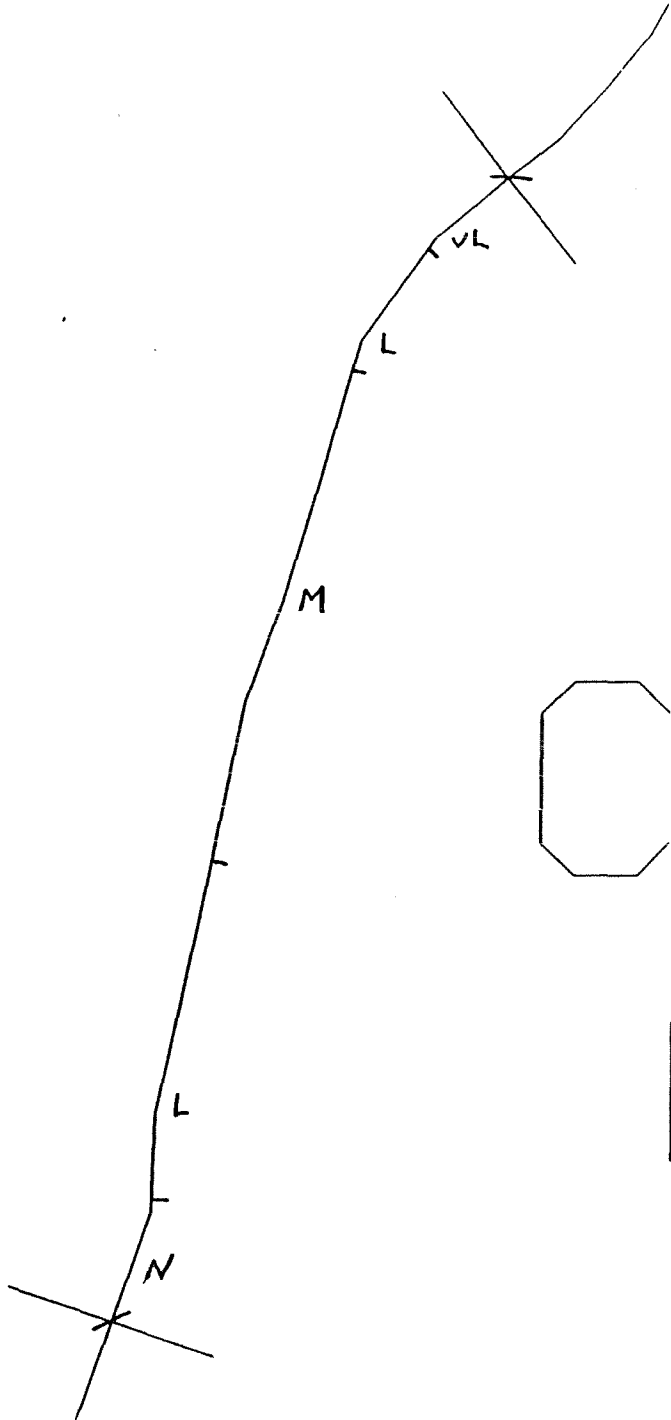
Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

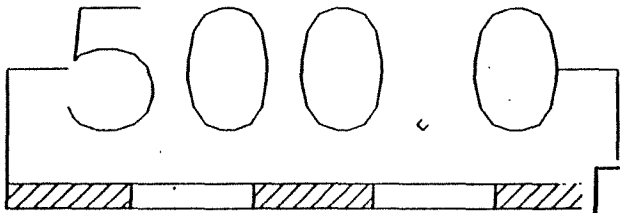
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



CH0003



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH004
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 8:37

Survey Type: Boat, Ground
 Team: G. Pavia, T. Turner

WEATHER AND SEA CONDITIONS

Weather: Rain, Fog Wind Direction: E
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M
 (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: 15 cm (35 = 35 cm or greater)

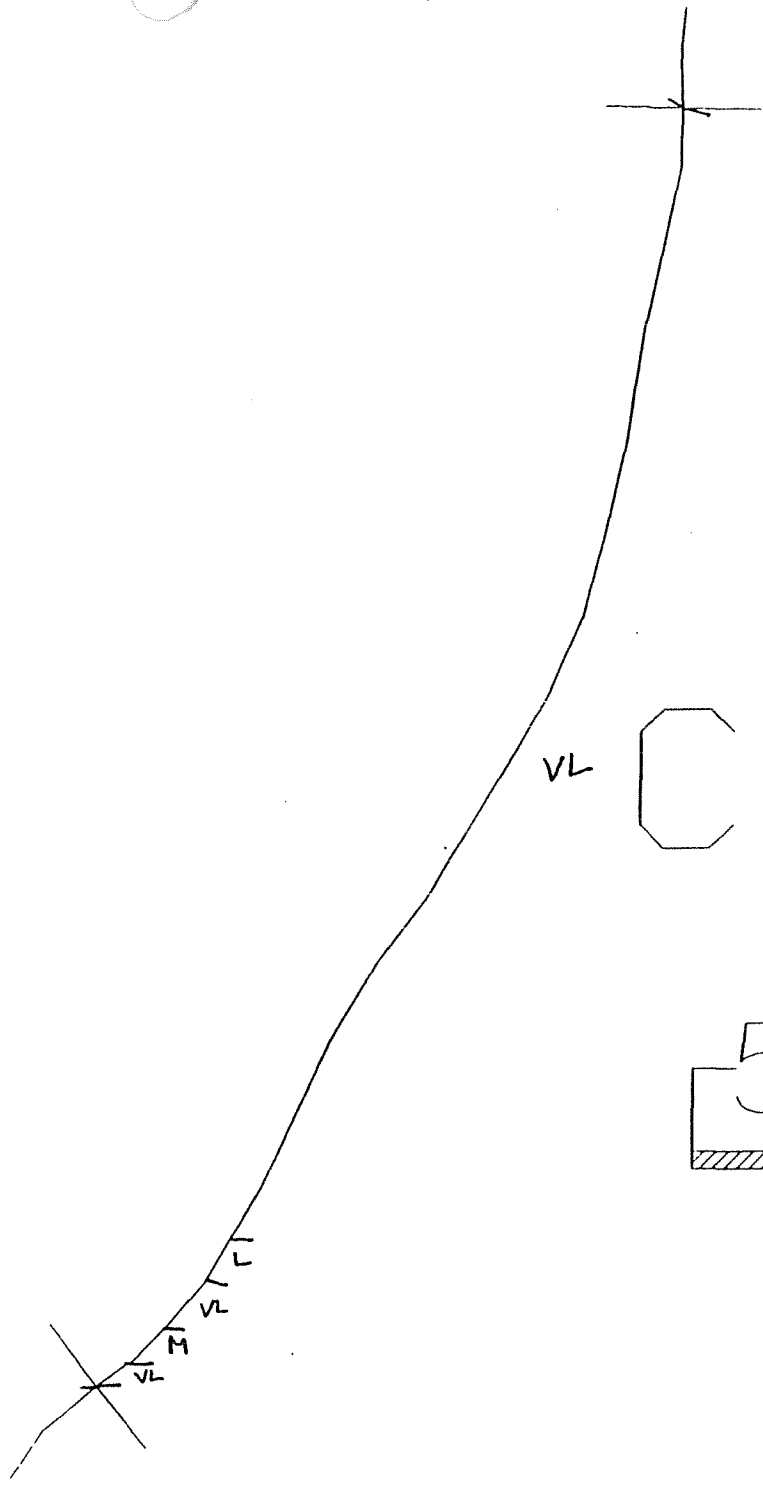
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



VL CH0004

500.0

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



ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH005
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 9:00

Survey Type: Boat
 Team: G. Pavia, T. Turner

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L
 (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: 5 cm (35 = 35 cm or greater)

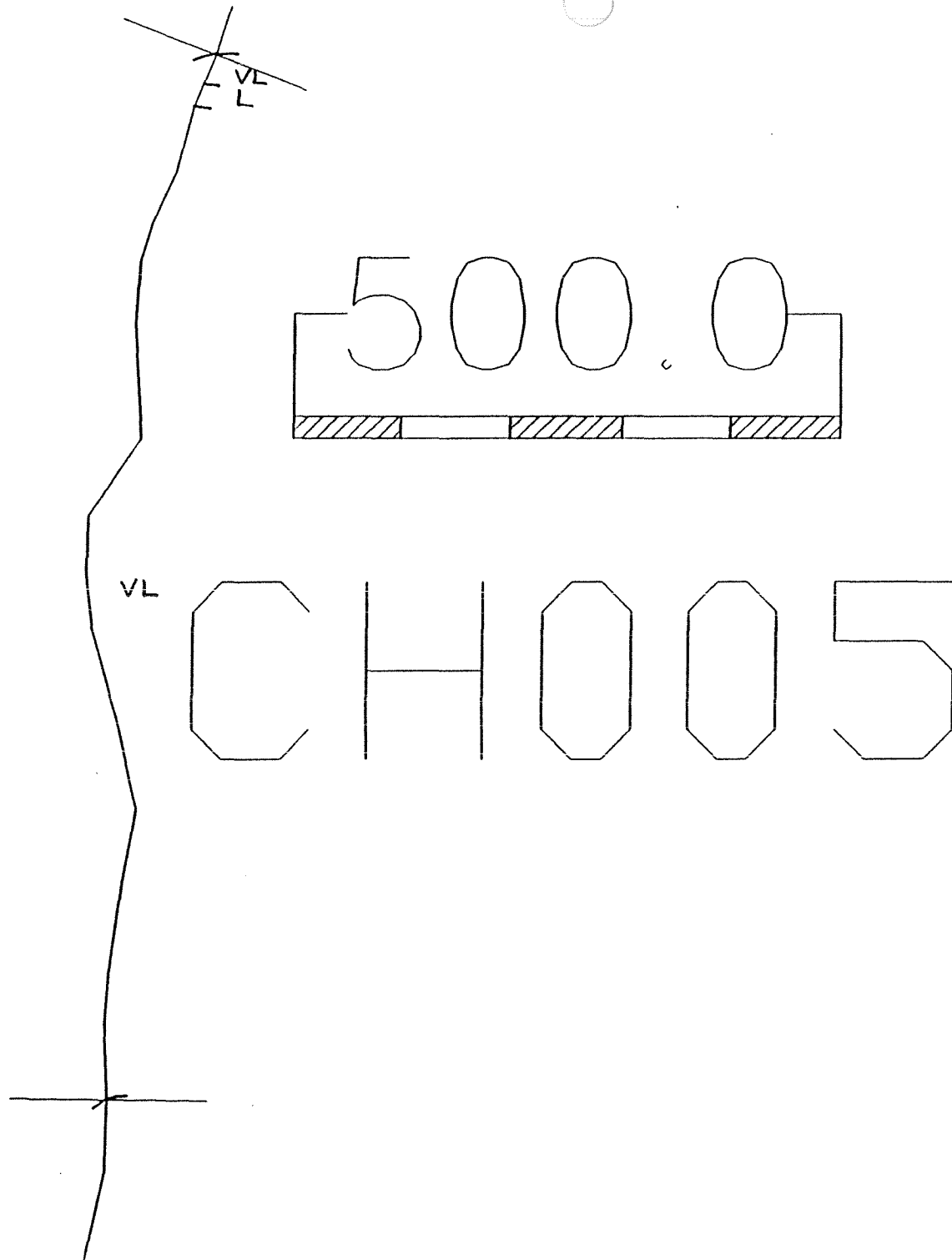
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH006
 LOCATION: NE CHENEGA ISLAND

DATE: 10/05/89
 TIME: 10:05

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L
 (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: 0 cm (35 = 35 cm or greater)

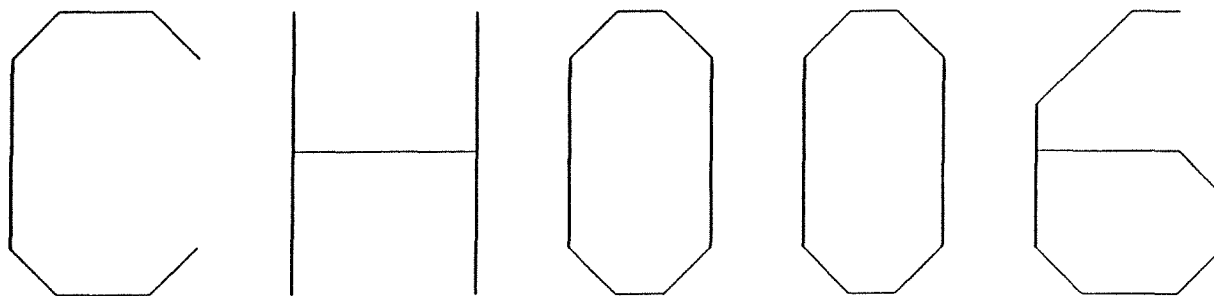
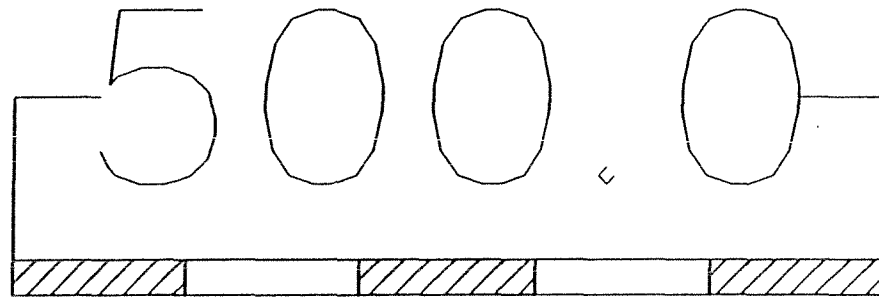
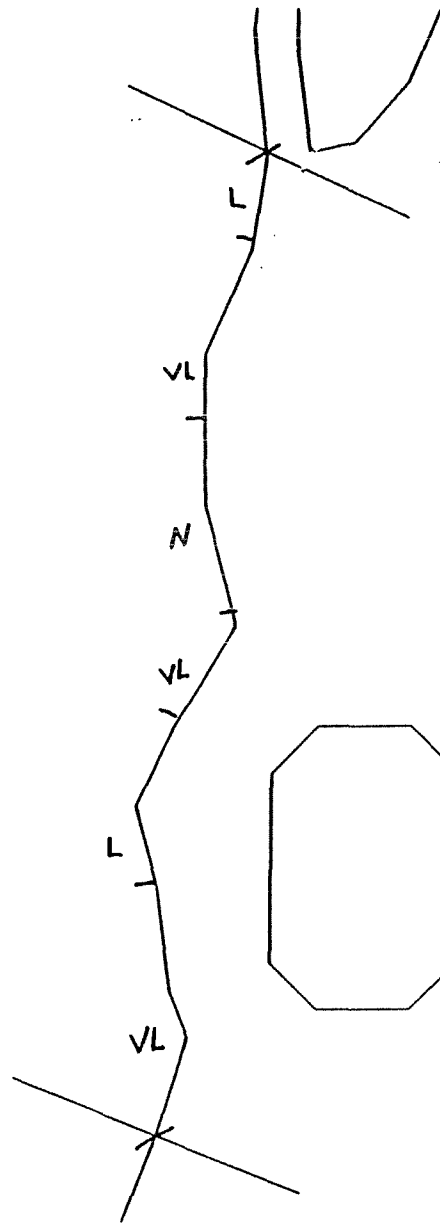
Percent Segment Categorized as Oiled: 75%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality, boom
 Bags Collected: 1



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

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH007
 LOCATION: NE CHENEGA ISLAND

DATE: 10/05/89
 TIME: 9:50

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L,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: 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: 60%

Presence of Oiled Driftwood (y/n): y

Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y

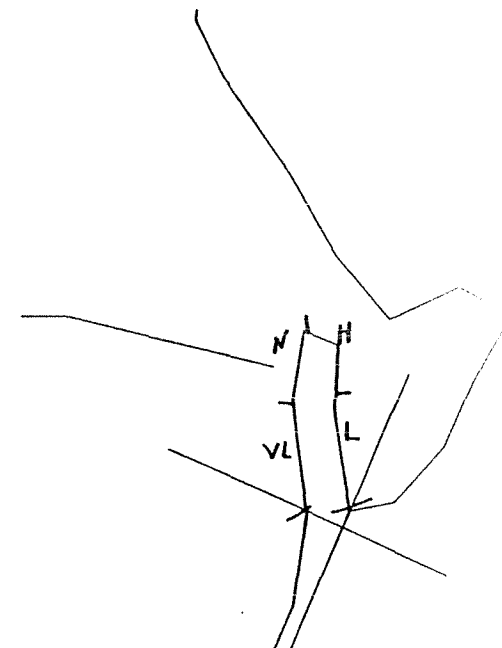
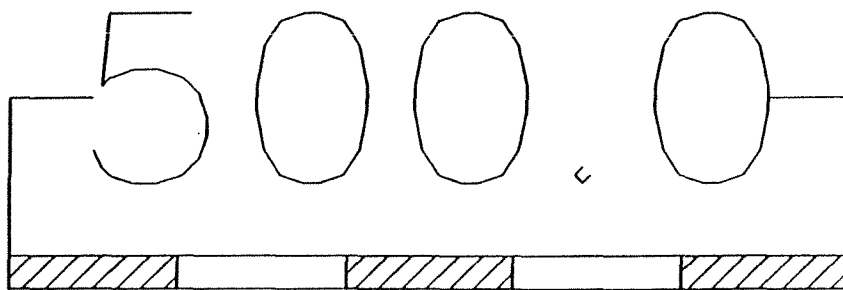
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

Bags Collected: 0

CH007



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

4DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH008
LOCATION: N CHENEGA ISLAND

DATE: 10/05/89
TIME: 9:35

Survey Type: Boat, Ground
Team: J. Krieger, K. Dutcher, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 23:43	Feet: 1.73	High Tide: 5:15	Feet: 9.39
Low Tide: 10:46	Feet: 4.86	High Tide: 16:32	Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

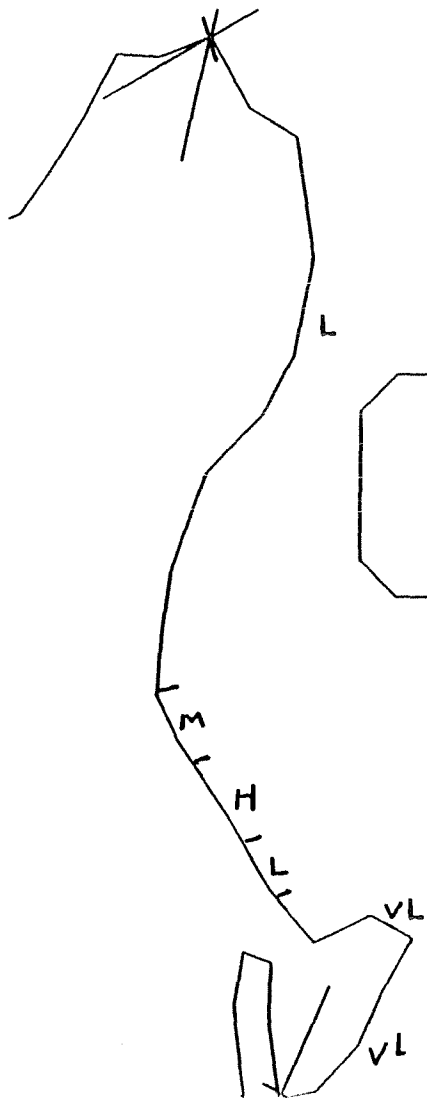
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

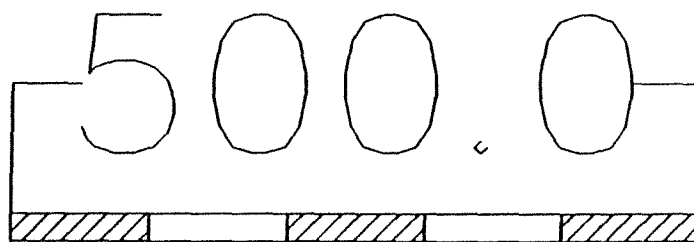
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, boom
Bags Collected: 0



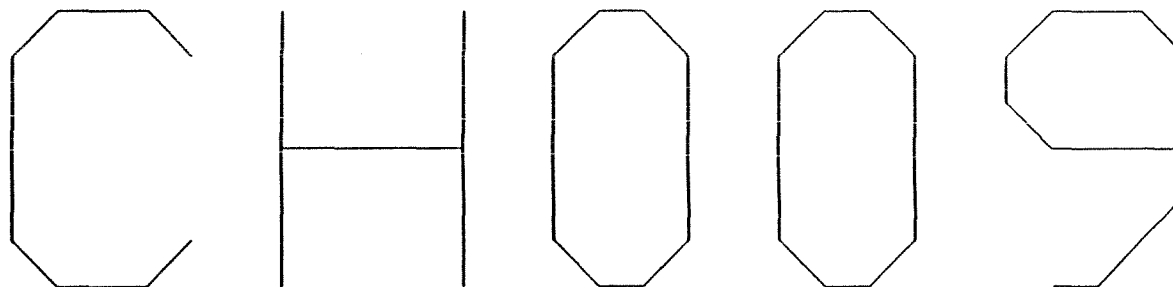
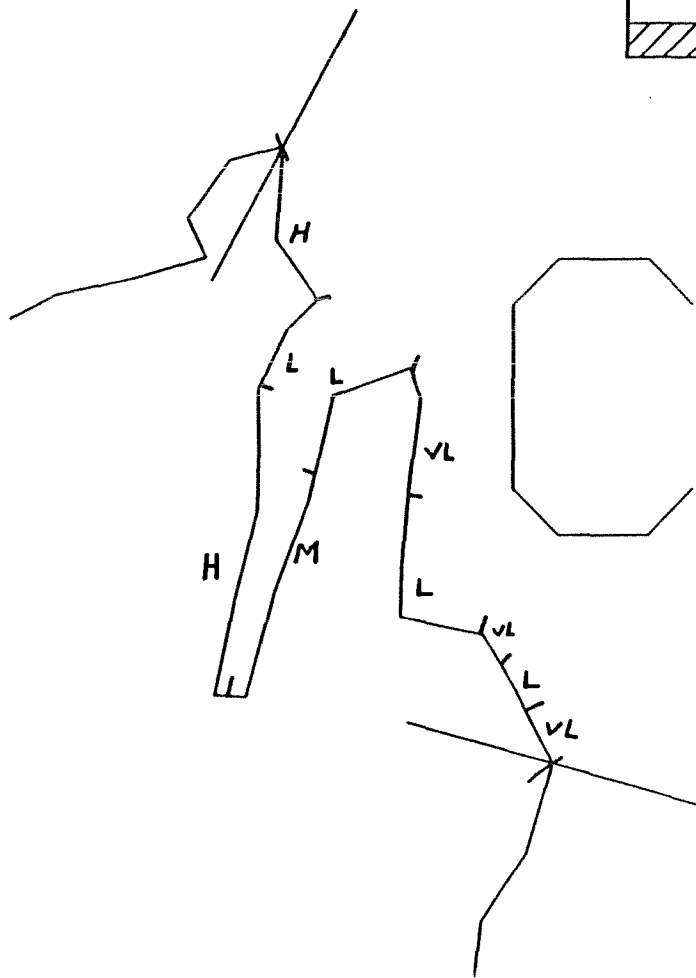
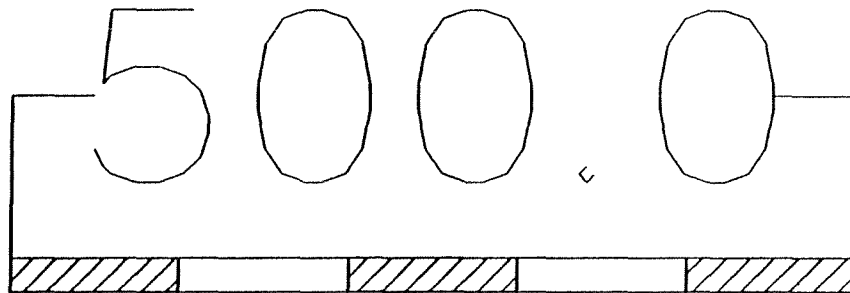
CH008



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH009 LOCATION: NE CHENEGA ISLAND Survey Type: Boat, Ground Team: D. Gardner, B. McCready	DATE: 10/05/89 TIME: 8:25
WEATHER AND SEA CONDITIONS	
Weather: Cloudy, Rain Wind Direction: SE Sea State: Moderate Knots: 0-15	
Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7	
SHORELINE DESCRIPTION	
Shoretypes: H,LR,B,C (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)	
Wave Exposure: M (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: VL,L,M,H (N=none, VL=very light, L=light, M=moderate, H=heavy)	
Area of Impact: H,M,L (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)	
Max. Oil Thickness: 3 mm (1 = 1 mm or less, 0 = no oil)	
Max. Oil Penetration: 30 cm (35 = 35 cm or greater)	
Percent Segment Categorized as Oiled: 75%	
Presence of Oiled Driftwood (y/n): n	
Oil Types: SY,T,ST (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)	
Samples: none / none / none / none	
DAMAGED OR OILED ORGANISMS	
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y	
Dead Mammals: 0 Dead Birds: 0	
SOLID WASTE FOUND	
Type: None	
Bags Collected: 0	



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH010
 LOCATION: N CHENEGA ISLAND

DATE: 09/19/89
 TIME: 10:55

Survey Type: Boat, Ground
 Team: T. Langdon, H. Wood, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 10:26 Feet: 1.83 High Tide: 16:31 Feet: 14.1
 Low Tide: 23:16 Feet: -1.1 High Tide: 4:43 Feet: 11.6

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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: VL,L,M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: H,M,L
 (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: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: CH010-1 / CH010-2 / none / none

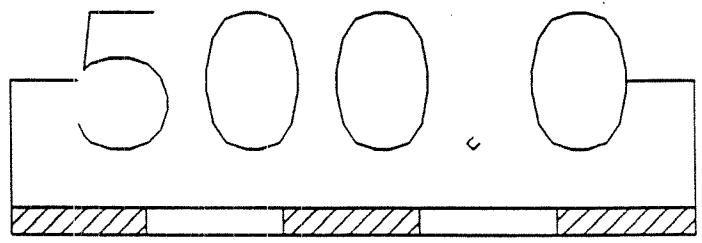
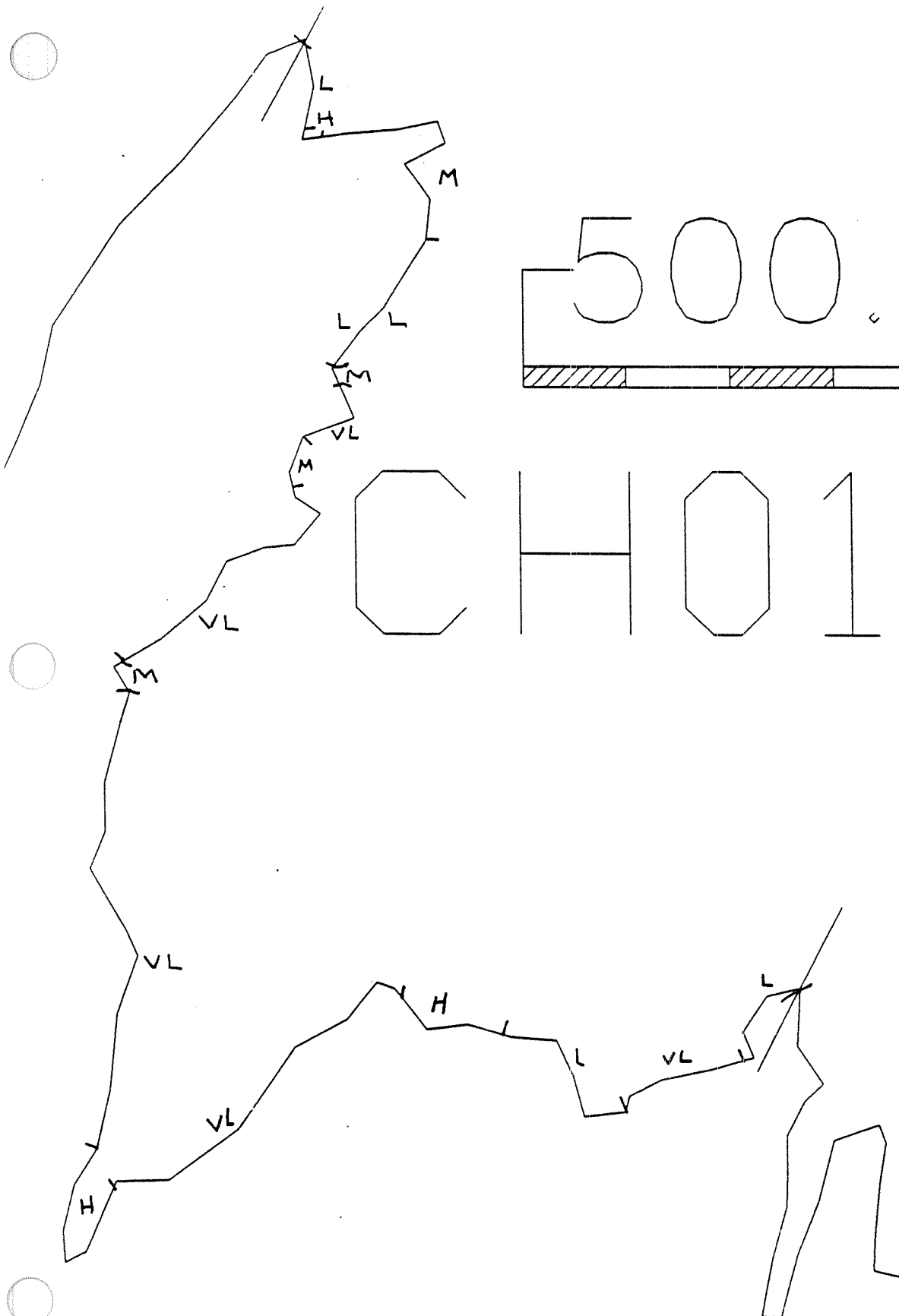
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality

Bags Collected: 0



CH010

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH011
LOCATION: N CHENEGA ISLAND

DATE: 09/19/89
TIME: 11:48

Survey Type: Boat, Ground
Team: P. Montesano, H. Wood, T. Langdon

WEATHER AND SEA CONDITIONS

Weather: Rain, Fog Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 10:26 Feet: 1.83 High Tide: 16:31 Feet: 14.1
Low Tide: 23:16 Feet: -1.1 High Tide: 4:43 Feet: 11.6

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,C
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H,M,L
(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: 2 cm (35 = 35 cm or greater)

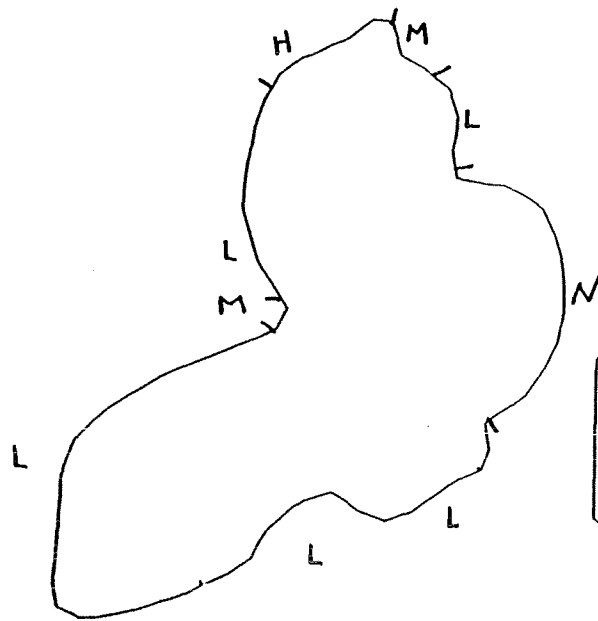
Percent Segment Categorized as Oiled: 70%
Presence of Oiled Driftwood (y/n): y
Oil Types: P,M,SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: CH011-1 / CH011-2 / none / none

DAMAGED OR OILED ORGANISMS

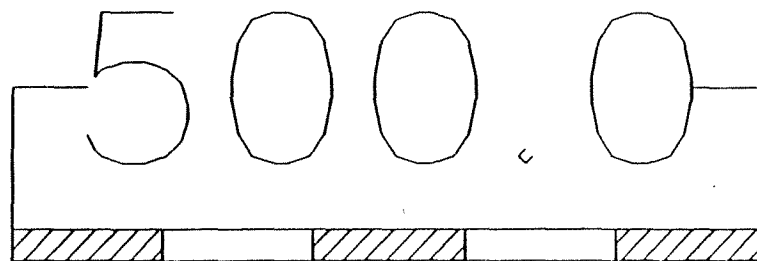
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0



CH011



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH012
 LOCATION: N CHENEGA ISLAND

DATE: 10/05/89
 TIME: 9:20

Survey Type: Boat, Ground
 Team: D. Gardner, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Rain Wind Direction: SE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,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,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M
 (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: 50 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

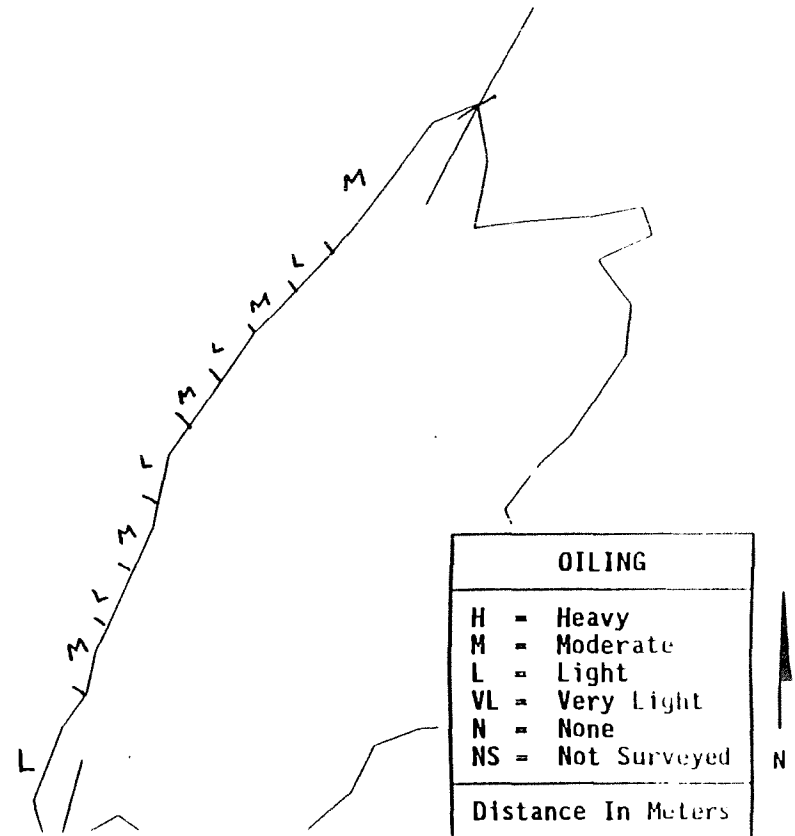
SOLID WASTE FOUND

Type: None

Bags Collected: 0

500.0

CHO12



DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH013
LOCATION: N CHENEGA ISLAND

DATE: 10/05/89
TIME: 10:30

Survey Type: Boat, Ground
Team: D. Gardner, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Calm Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: L (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: L,M
(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: 3 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,T,A
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: CH013-1 / CH013-2 / none / none

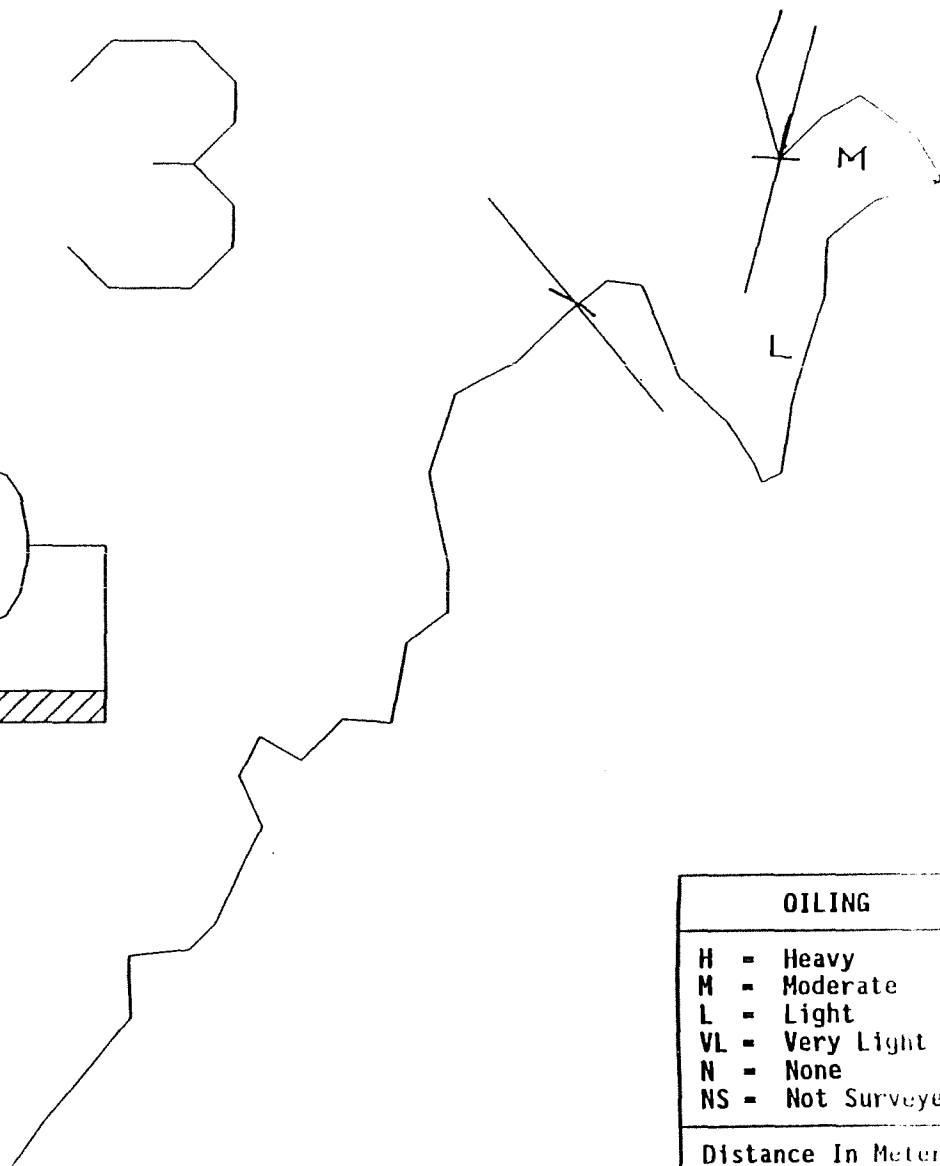
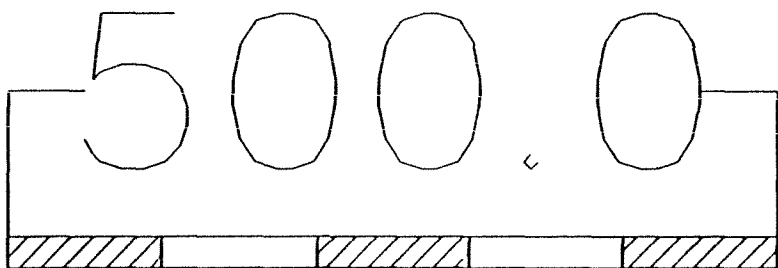
DAMAGED OR OILED ORGANISMS

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

CH013



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH014
 LOCATION: S CHENEGA ISLAND

DATE: 10/11/89
 TIME: 16:45

Survey Type: Boat, Ground
 Team: D. Zobrist, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretupes: 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: VL,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 3 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CH014-1 / CH014-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

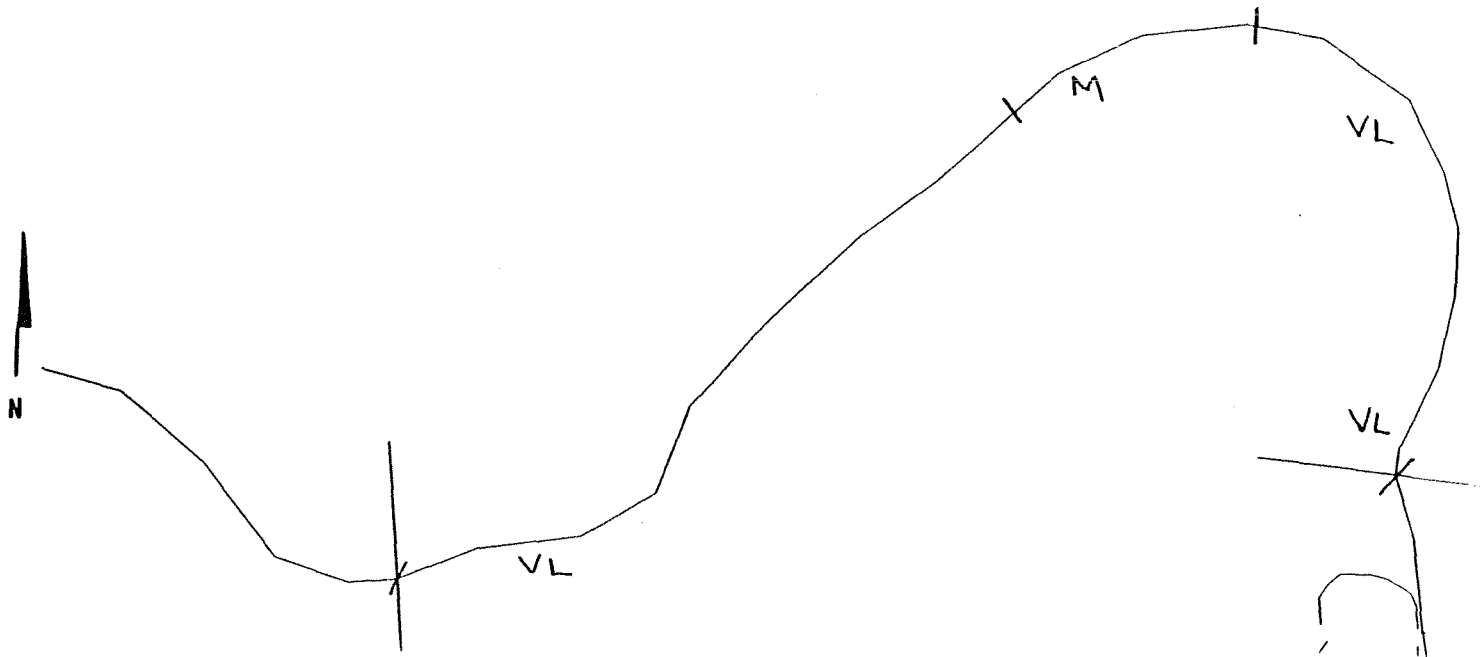
Type: None
 Bags Collected: 0

5000

CH014

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

ADEC Sep/Oct 1989 Survey



ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH015A
 LOCATION: S CHENEGA ISLAND

DATE: 10/11/89
 TIME: 18:00

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 5:18	Feet: 1.32	High Tide: 11:41	Feet: 11.1
Low Tide: 17:41	Feet: 2.77	High Tide: 23:42	Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (H=high, M=moderate, L=low)

Shoreline Composition: R,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

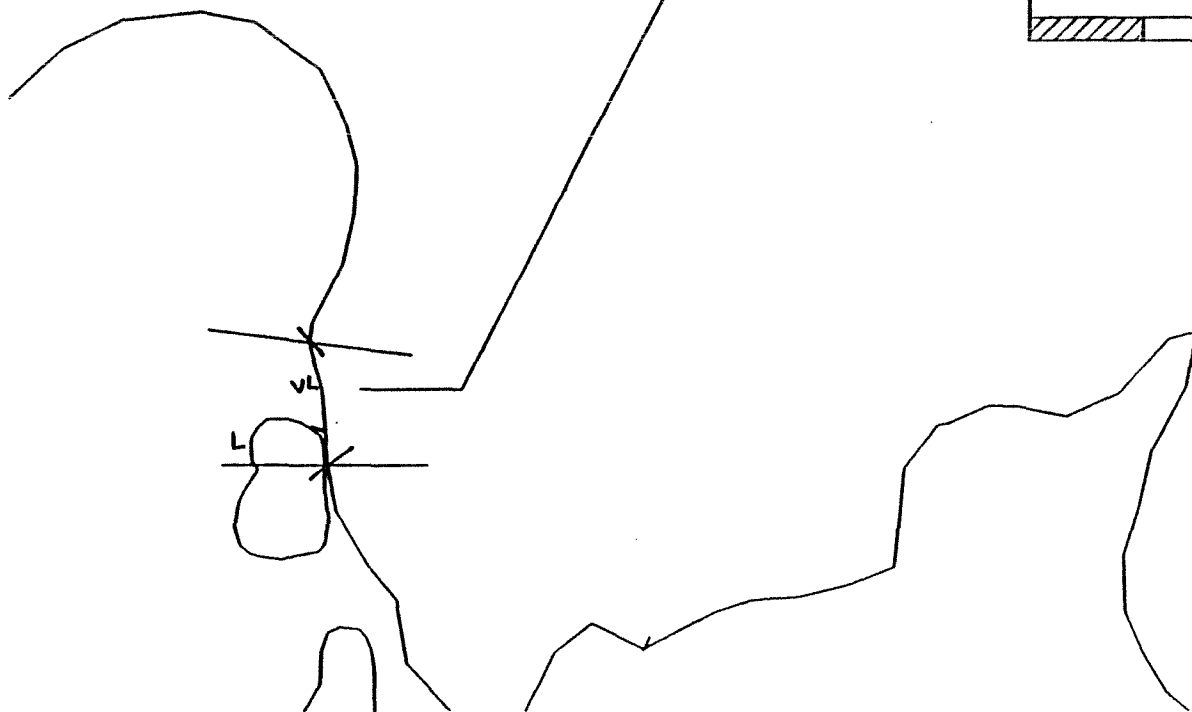
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, cleanup debris
 Bags Collected: 0

CH015A

500.0



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters



ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH015B
 LOCATION: S CHENEGA ISLAND

DATE: 10/11/89
 TIME: 18:20

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M,L (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: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

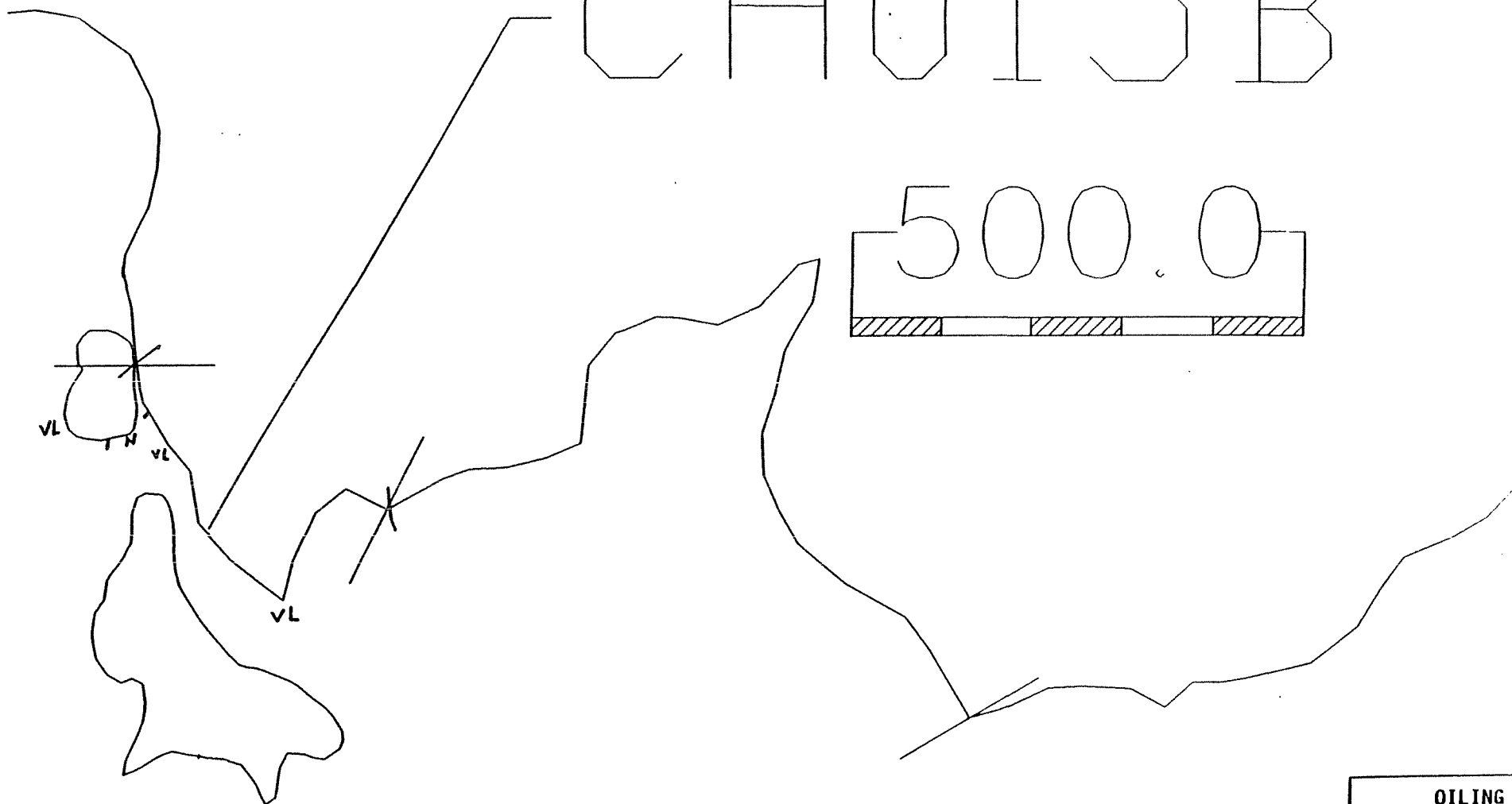
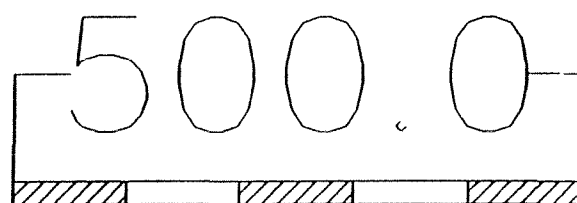
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, signs, paint marks
 Bags Collected: 0

CH015B

500.0



VL

N

VL

VL

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

N

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH015C
 LOCATION: ISLAND, S OF CHENEGA I.

DATE: 10/11/89
 TIME: 18:50

Survey Type: Boat
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: MW
 Knots: 0-15

Low Tide: 5:18	Feet: 1.32	High Tide: 11:41	Feet: 11.1
Low Tide: 17:41	Feet: 2.77	High Tide: 23:42	Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: none
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

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

Percent Segment Categorized as Oiled: 0%

Presence of Oiled Driftwood (y/n): n

Oil Types: none

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

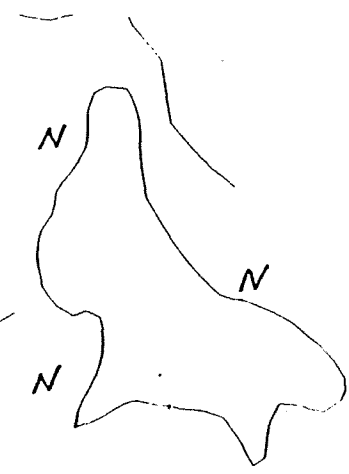
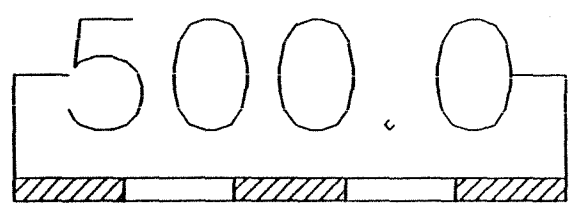
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

Bags Collected: 0

CH015C



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH016
 LOCATION: S CHENEGA ISLAND

DATE: 10/11/89
 TIME: 18:15

Survey Type: Boat, Ground
 Team: P. Endres, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 5:18	Feet: 1.32	High Tide: 11:41	Feet: 11.1
Low Tide: 17:41	Feet: 2.77	High Tide: 23:42	Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: M (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: 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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 1%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

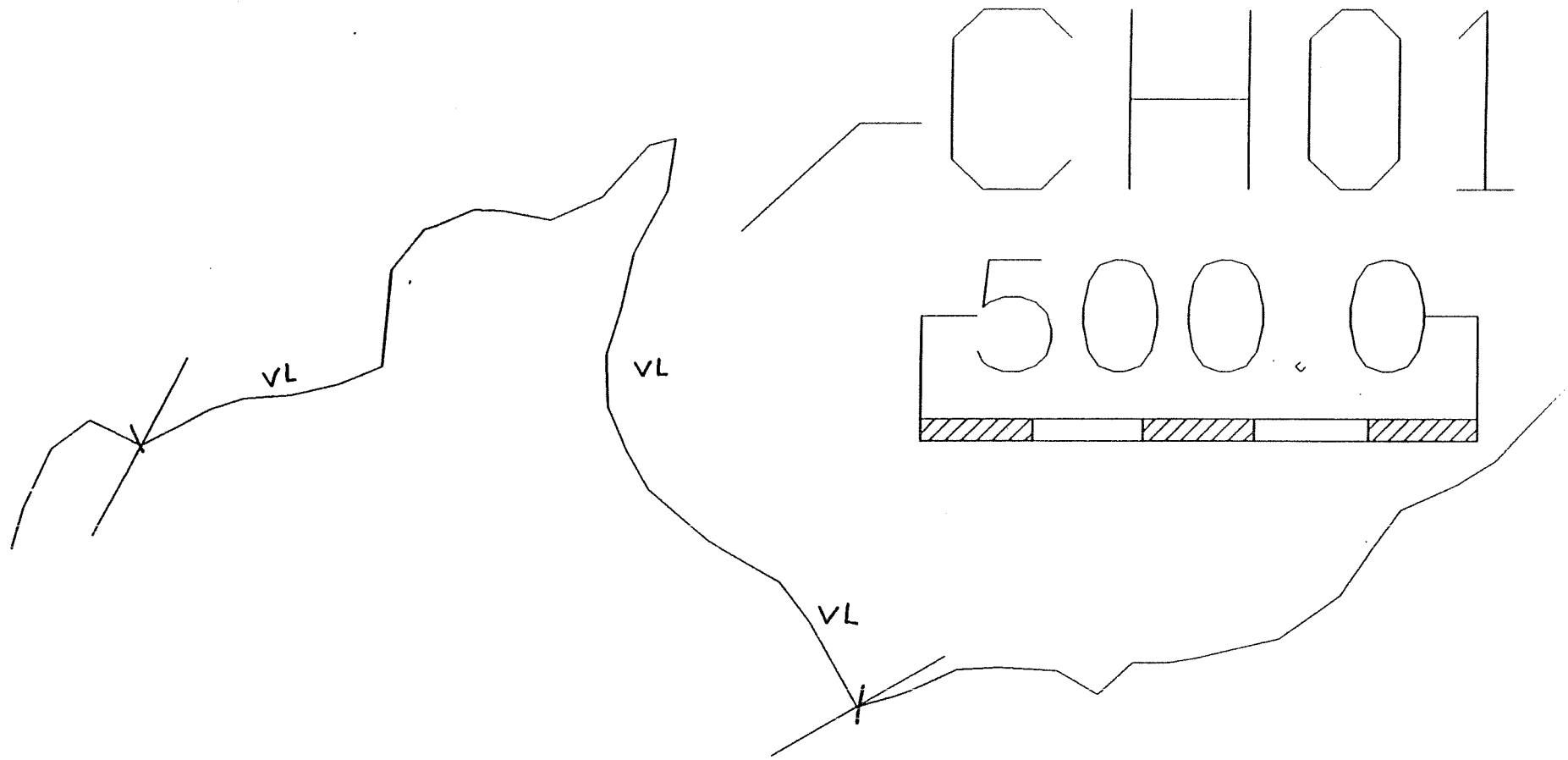
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0



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



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

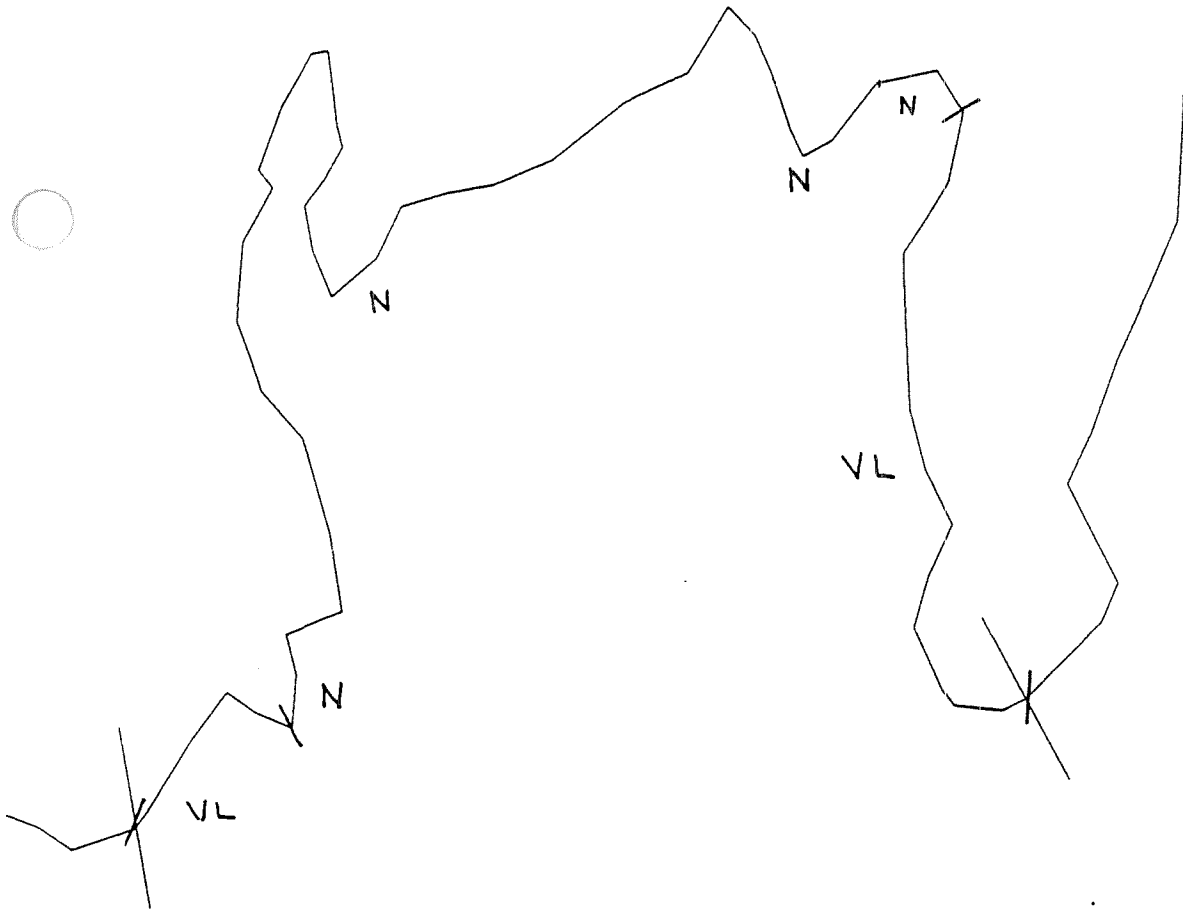
SEGMENT#: CH017 LOCATION: SE CHENEGA ISLAND Survey Type: Boat, Ground Team: D. Gardner, P. Endres	DATE: 10/11/89 TIME: 16:40
<p><u>WEATHER AND SEA CONDITIONS</u></p>	
Weather: Sunny Sea State: Calm	Wind Direction: 0 Knots: 0
Low Tide: 5:18 Feet: 1.32 Low Tide: 17:41 Feet: 2.77	High Tide: 11:41 Feet: 11.1 High Tide: 23:42 Feet: 11.7
<p><u>SHORELINE DESCRIPTION</u></p>	
Shoretypes: H,LR,B (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)	
Wave Exposure: M (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)	
<p><u>OIL CHARACTERISTICS</u></p>	
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: 0 cm (35 = 35 cm or greater)	
Percent Segment Categorized as Oiled: 35% Presence of Oiled Driftwood (y/n): n Oil Types: SY,ST (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)	
Samples: none / none / none / none	
<p><u>DAMAGED OR OILED ORGANISMS</u></p>	
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n Dead Mammals: 0 Dead Birds: 0	
<p><u>SOLID WASTE FOUND</u></p>	
Type: None Bags Collected: 0	

Draft

Printed: 12/12/89 11:03

500.0

CH017



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH018
 LOCATION: S CHENEGA ISLAND

DATE: 10/11/89
 TIME: 17:15

Survey Type: Boat, Ground
 Team: K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: SE
 Sea State: Calm Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 0 cm (35 = 35 cm or greater)

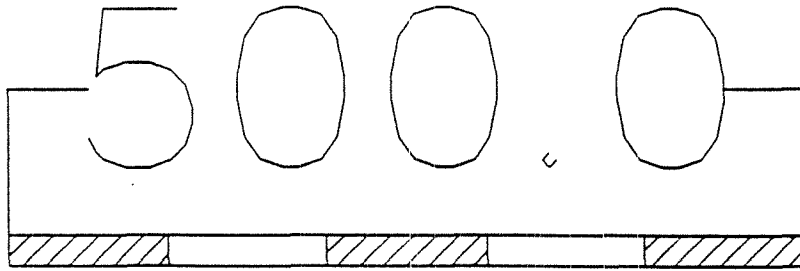
Percent Segment Categorized as Oiled: 75%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

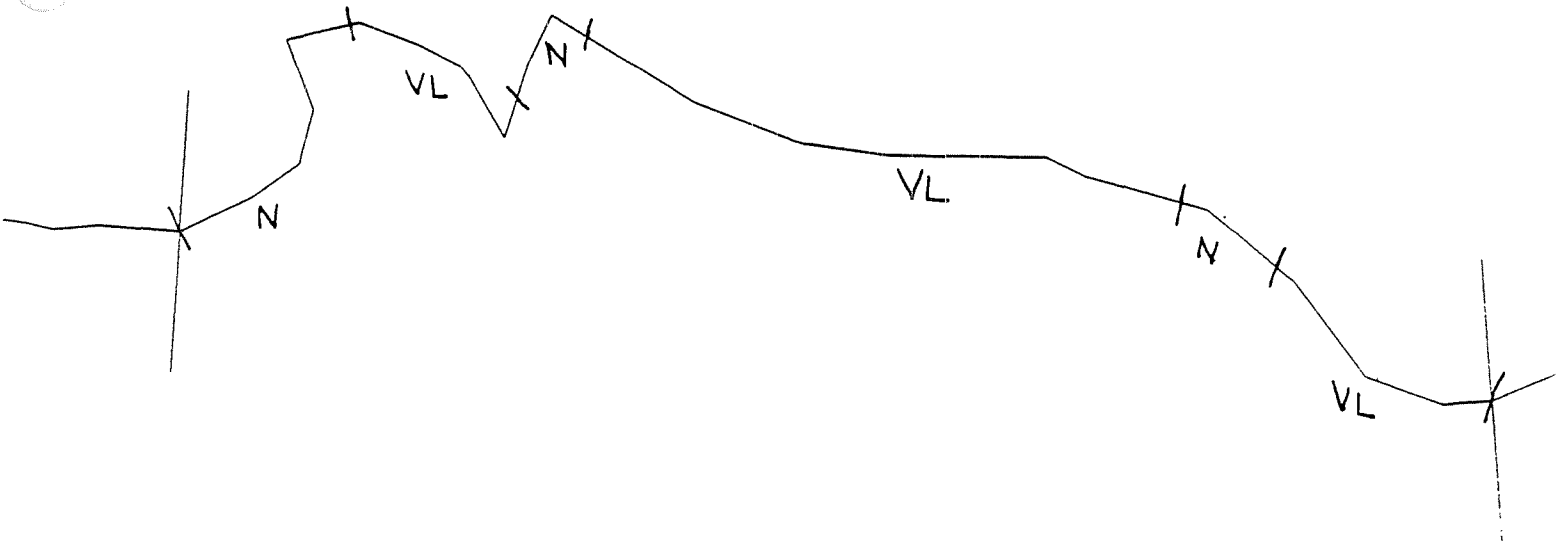
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



CH018



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH019
 LOCATION: S CHENEGA ISLAND

DATE: 10/11/89
 TIME: 16:58

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: SE
 Sea State: Calm Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 0 cm (35 = 35 cm or greater)

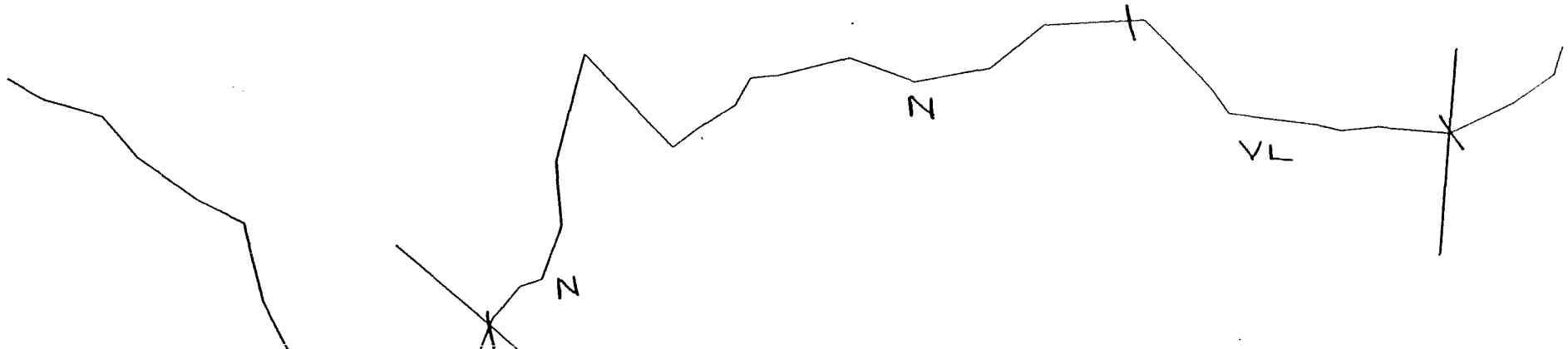
Percent Segment Categorized as Oiled: 35%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

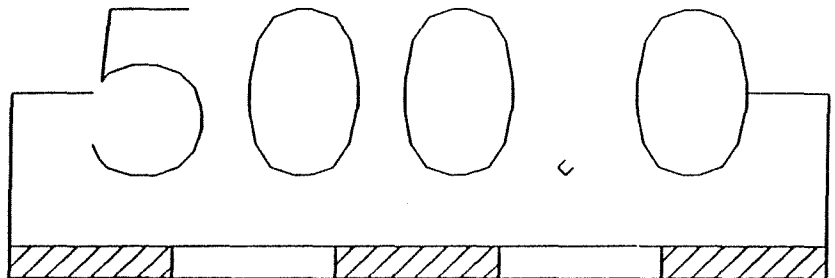
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



CH019



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH020
 LOCATION: SE CHENEGA ISLAND

DATE: 10/11/89
 TIME: 17:25

Survey Type: Boat, Ground
 Team: P. Endres, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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: VL,L
 (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: 45 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: CH016-1 / CH016-2 / none / none

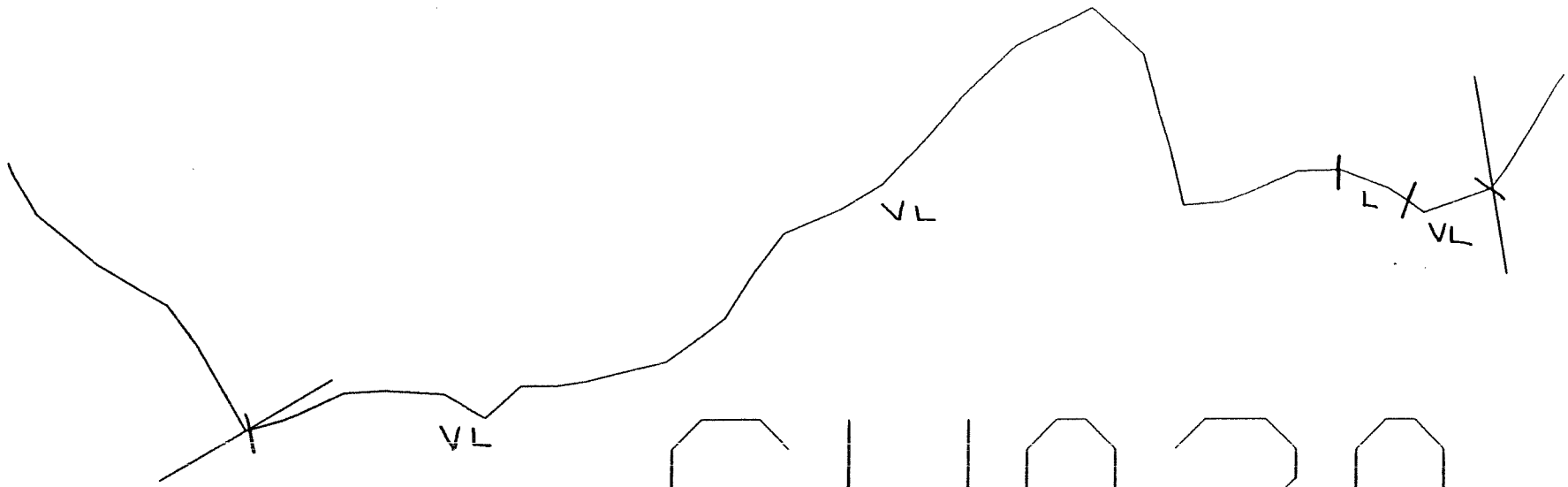
DAMAGED OR OILED ORGANISMS

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

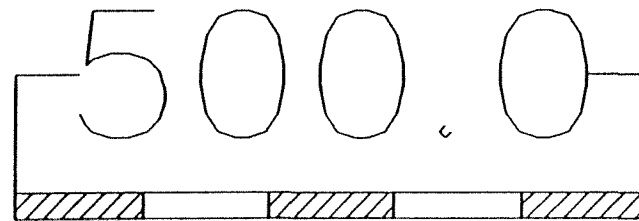
SOLID WASTE FOUND

Type: None

Bags Collected: 0



CH020



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



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH021
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 8:59

Survey Type: Boat, ground
 Team: M. Ebel, P. Endres, L. Gresehover

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: SE
 Sea State: Rough Knots: 16-30

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

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

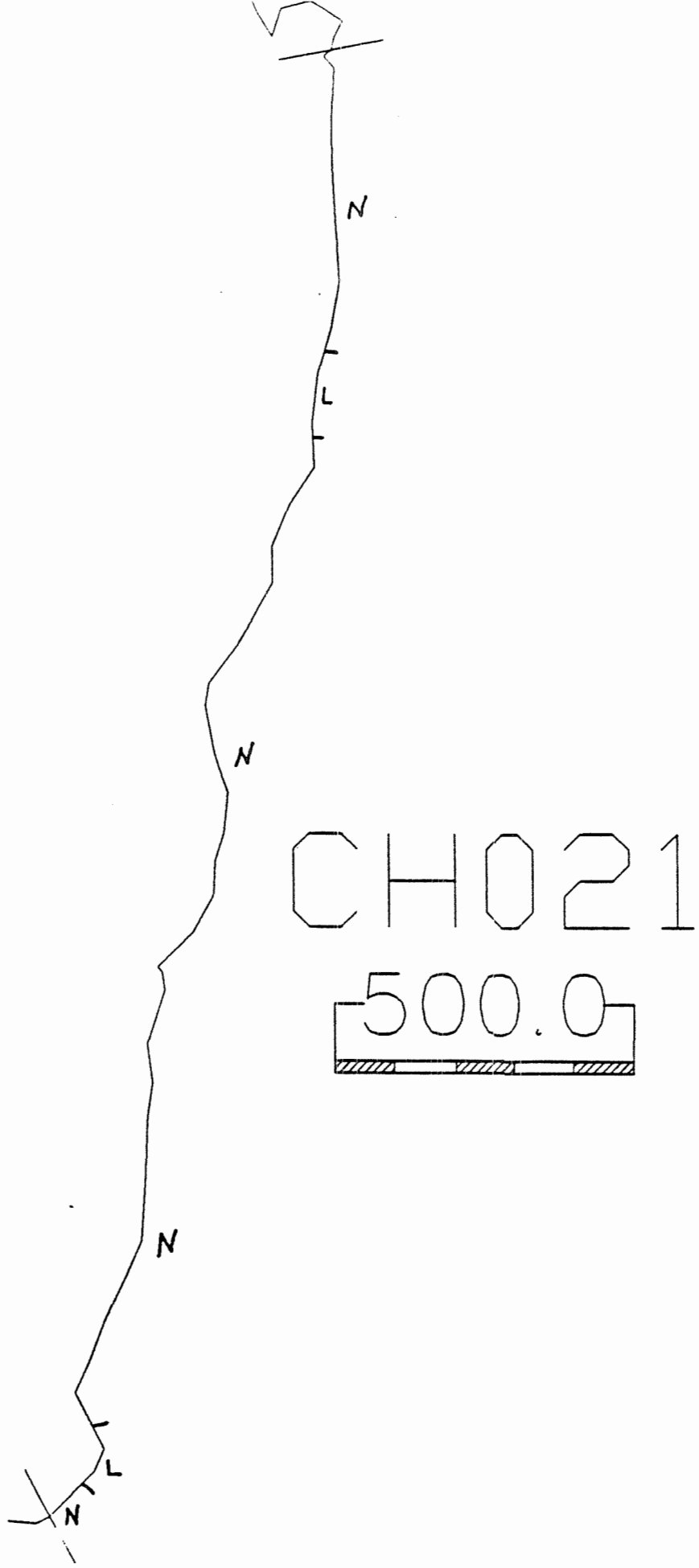
Degree of Oiling: N,L
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 10 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 18 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



CH021

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH022
 LOCATION: S CHENEGA ISLAND

DATE: 10/05/89
 TIME: 10:04

Survey Type: Boat, Ground
 Team: L. Gresehover, P. Endres, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: SE
 Sea State: Moderate Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

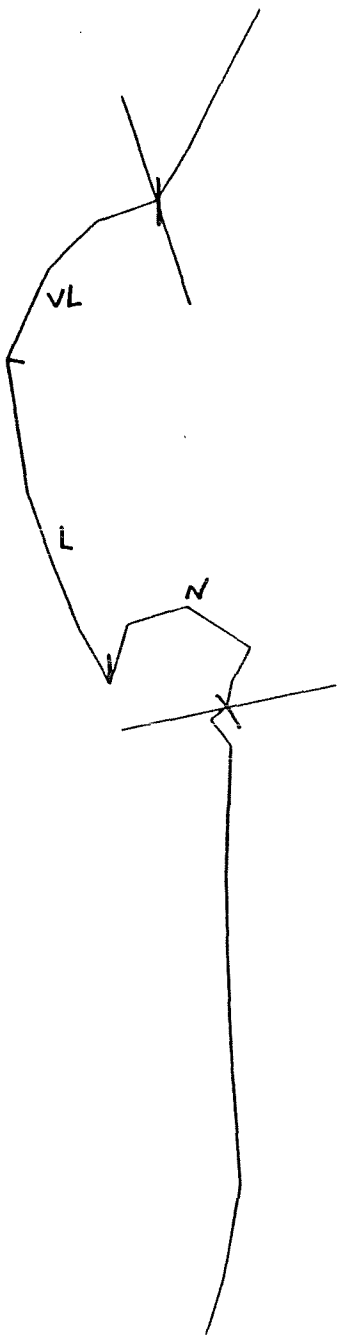
Degree of Oiling: N,VL,L
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M,L
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 15 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality, cleanup debris
 Bags Collected: 1



CH022

500.0

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



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH023
 LOCATION: E CHENEGA ISLAND

DATE: 10/05/89
 TIME: 10:15

Survey Type: Boat, Ground
 Team: P. Endres, L. Gresehover, M. Ebel, D. Zobrist, B. Fitzsimons, H. W

WEATHER AND SEA CONDITIONS

Weather: Rain
 Sea State: Moderate

Wind Direction: NE
 Knots: 0-15

Low Tide: 23:43 Feet: 1.73 High Tide: 5:15 Feet: 9.39
 Low Tide: 10:46 Feet: 4.86 High Tide: 16:32 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR
 (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,S
 (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: 0 cm (35 = 35 cm or greater)

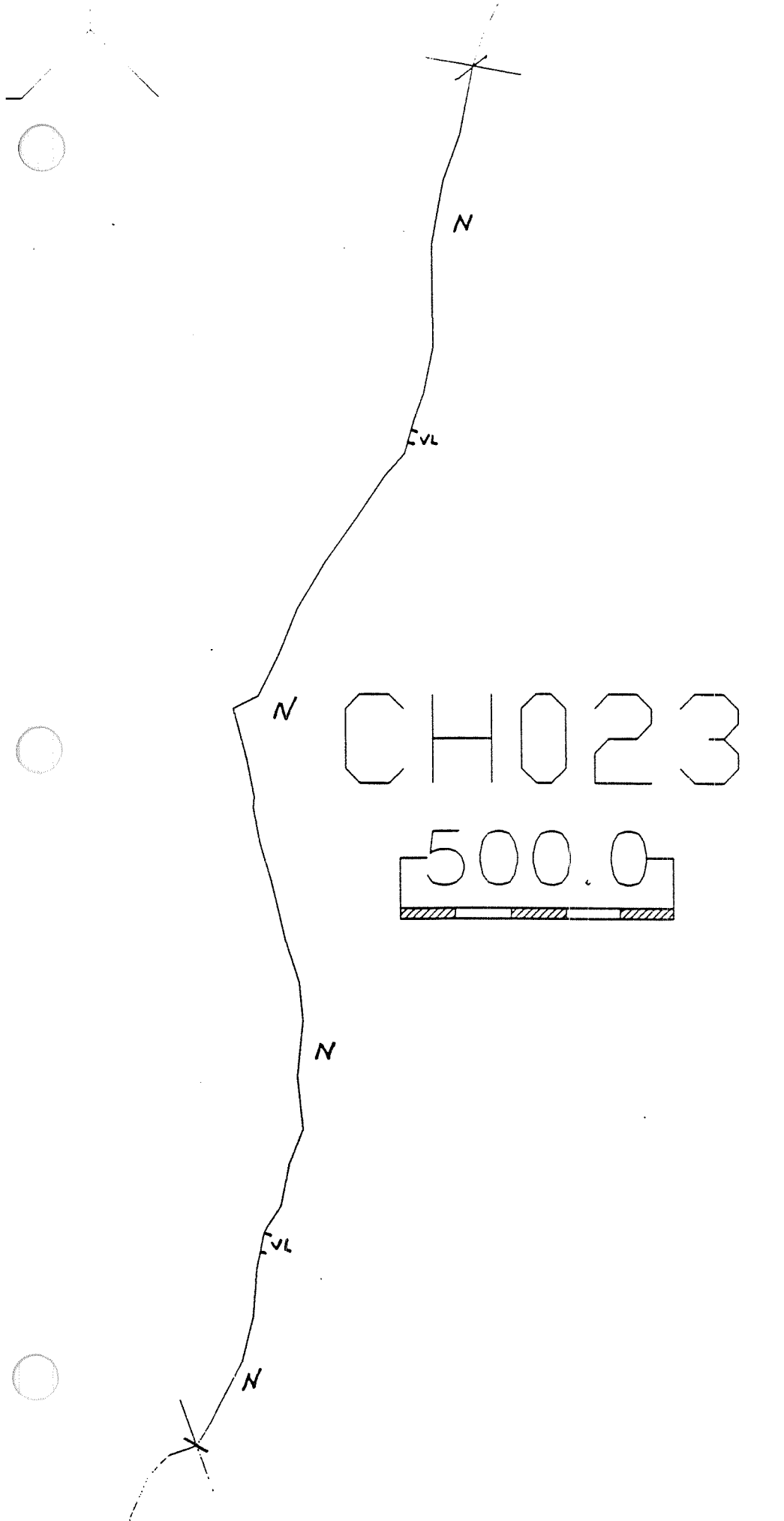
Percent Segment Categorized as Oiled: 1%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality
 Bags Collected: 0



CH023

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey



ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CH900A
 LOCATION: SW CHENEGA ISLAND

DATE: 10/11/89
 TIME: 16:49

Survey Type: Boat, Ground
 Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: N
 Sea State: Moderate Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretupes: H,LR,B,C
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C,G,S,M
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

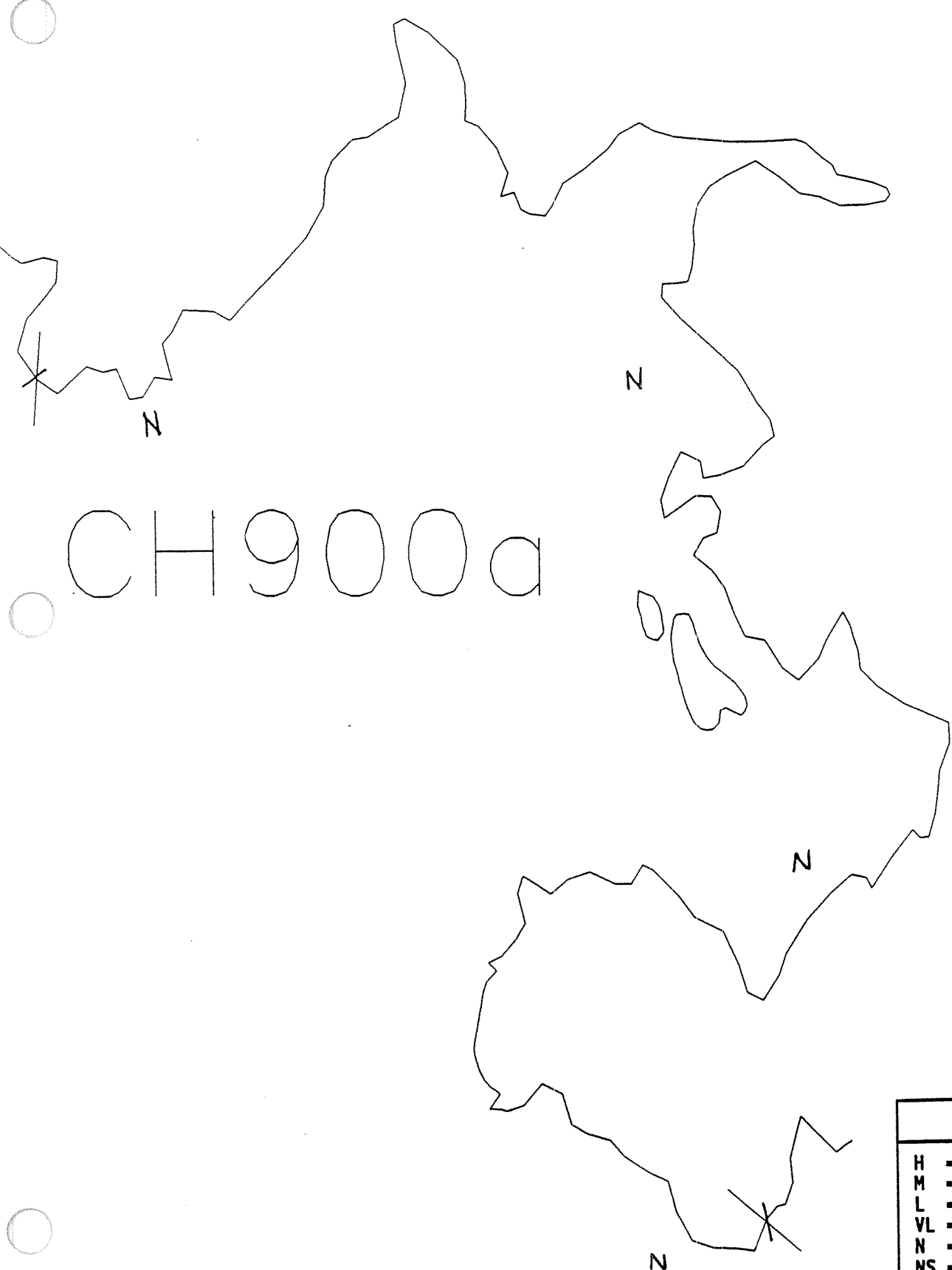
Degree of Oiling: N
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: none
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 0 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized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



CH9000a

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



CL - FB

SECTION CONTENTS --- CLAM ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
CLO01A	ISLAND, SW OF KNIGHT I.
CLO01B	ISLAND, SW OF KNIGHT I.

Printed: 12/12/89



KNIGHT
ISLAND

Clam Island

CL001A

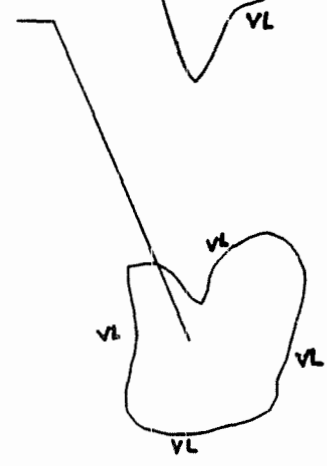
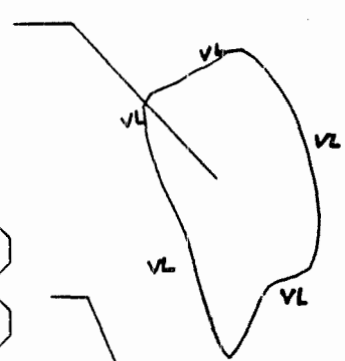
CL001B



Drier Bay

CL001A

CL001B



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed



SEGMENT#: CL001A DATE: 09/29/89
 LOCATION: ISLAND, SW OF KNIGHT I. TIME: 8:24

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy, Fog Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 20:07 Feet: 0.18 High Tide: 1:44 Feet: 11.9
 Low Tide: 7:46 Feet: 0.58 High Tide: 13:58 Feet: 12.5

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (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: 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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CL007A-1 / CL007A-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: Few localities;boom, cleanup debris, garbage
 Bags Collected: 1

SEGMENT#: CLO01B DATE: 09/29/89
 LOCATION: ISLAND, SW OF KNIGHT I. TIME: 9:21

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy, Fog Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 20:07 Feet: 0.18 High Tide: 1:44 Feet: 11.9
 Low Tide: 7:46 Feet: 0.58 High Tide: 13:58 Feet: 12.5

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M,L (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: 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: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

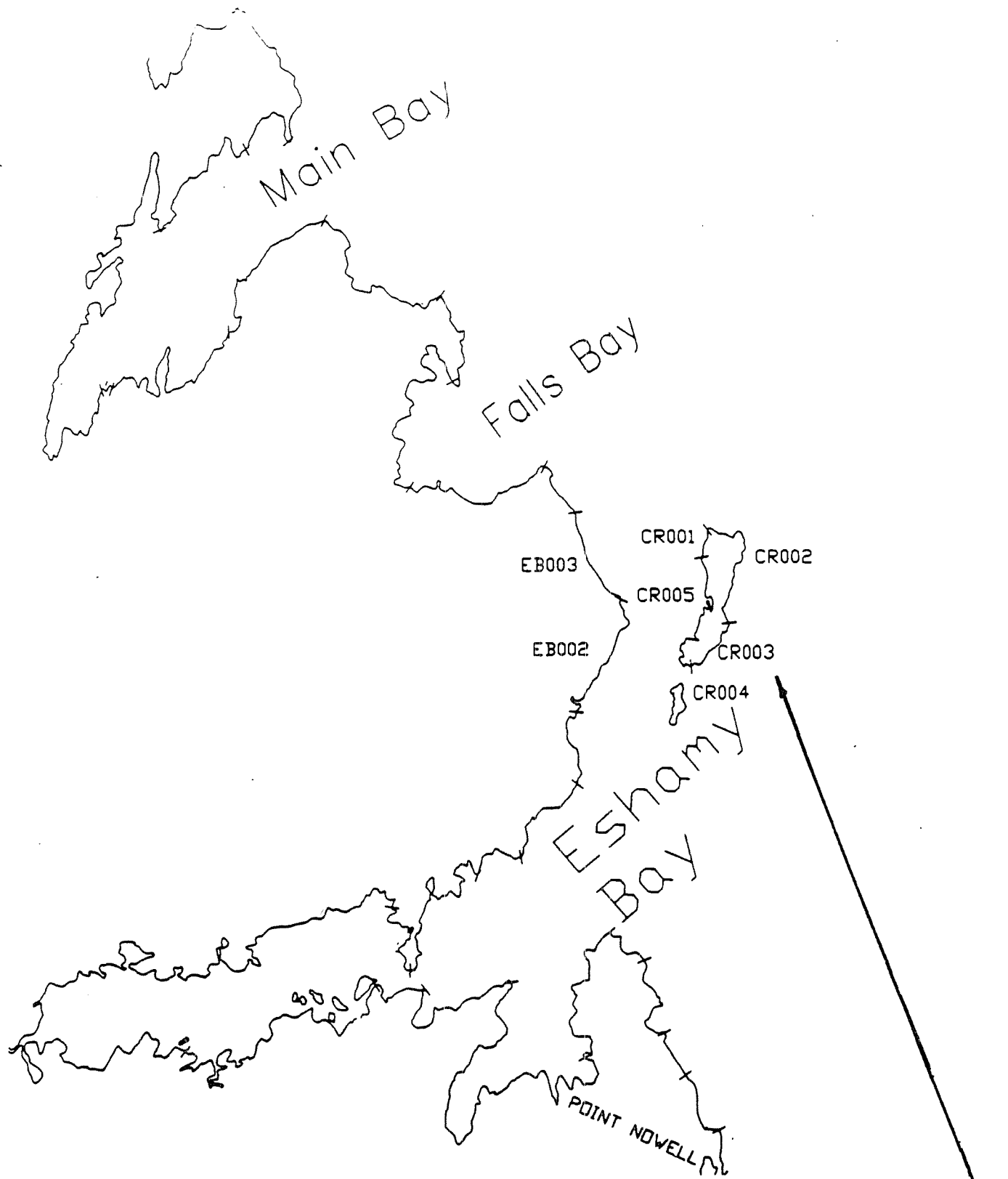
SOLID WASTE FOUND

Type: Few Localities; Cleanup Debris, Garbage
 Bags Collected: 1

SECTION CONTENTS — CRAFTON ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
CR001	NW CRAFTON ISLAND
CR002	NE CRAFTON ISLAND
CR003	E CRAFTON ISLAND
CR004	CRAFTON ISLAND
CR005	W CRAFTON ISLAND

Printed: 12/12/89



Crafton Island

SEGMENT#: CRO01
 LOCATION: NW CRAFTON ISLAND

DATE: 09/12/89
 TIME: 10:10

Survey Type: Boat, Ground
 Team: B. Fitzsimons, L. Gresehover, C. Robinson

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: E
 Sea State: Calm Knots: 0-15

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 (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: L
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,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: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

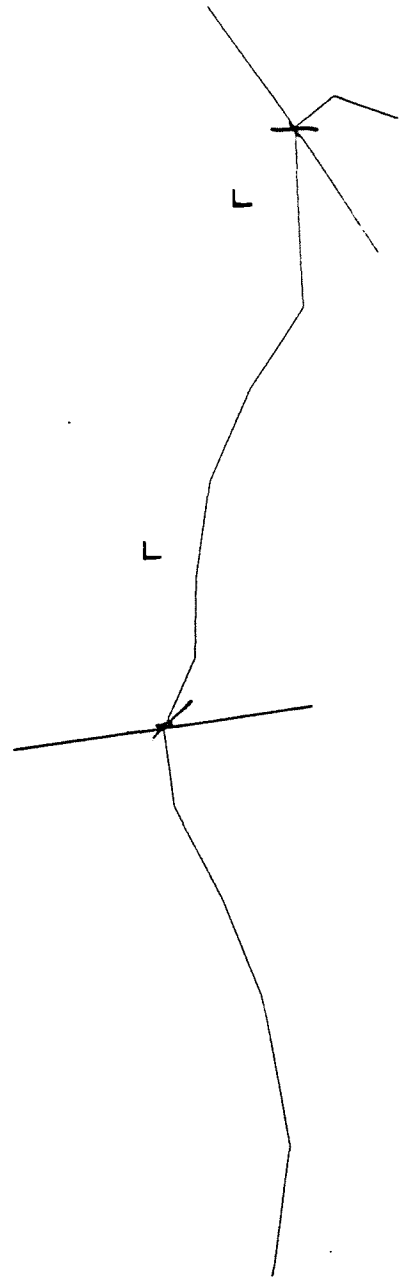
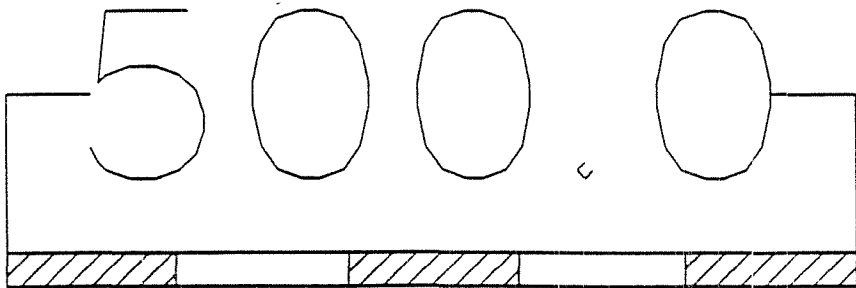
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

C R 0 0 1



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

ADEC Sep/Oct 1989 Survey

N

SEGMENT#: CR002
 LOCATION: NE CRAFTON ISLAND

DATE: 09/12/89
 TIME: 10:34

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

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: E
 Sea State: Moderate Knots: 0-15

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
 (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,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

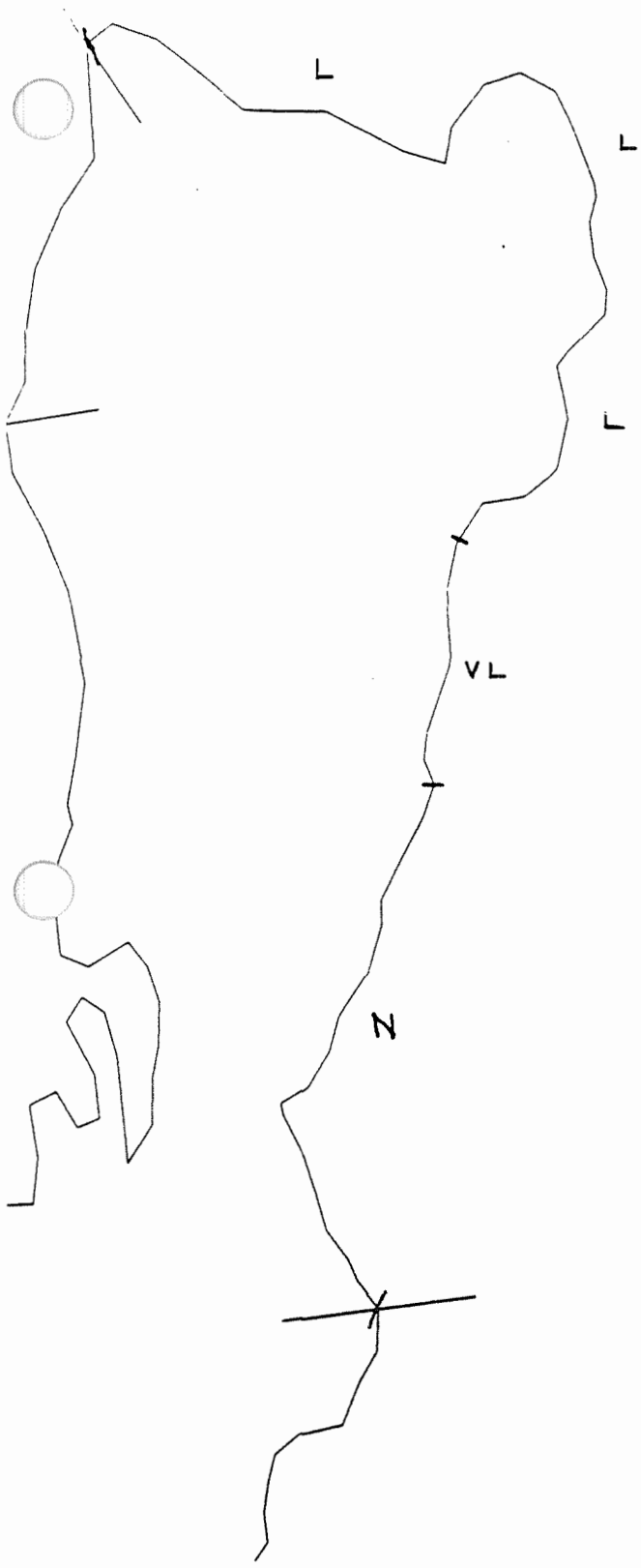
Degree of Oiling: N,VL,L
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 60%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CR002-1 / CR002-2 / 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



CR0002

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CR003
 LOCATION: E CRAFTON ISLAND

DATE: 09/12/89
 TIME: 9:57

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

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NE
 Sea State: Moderate Knots: 0-15

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
 (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

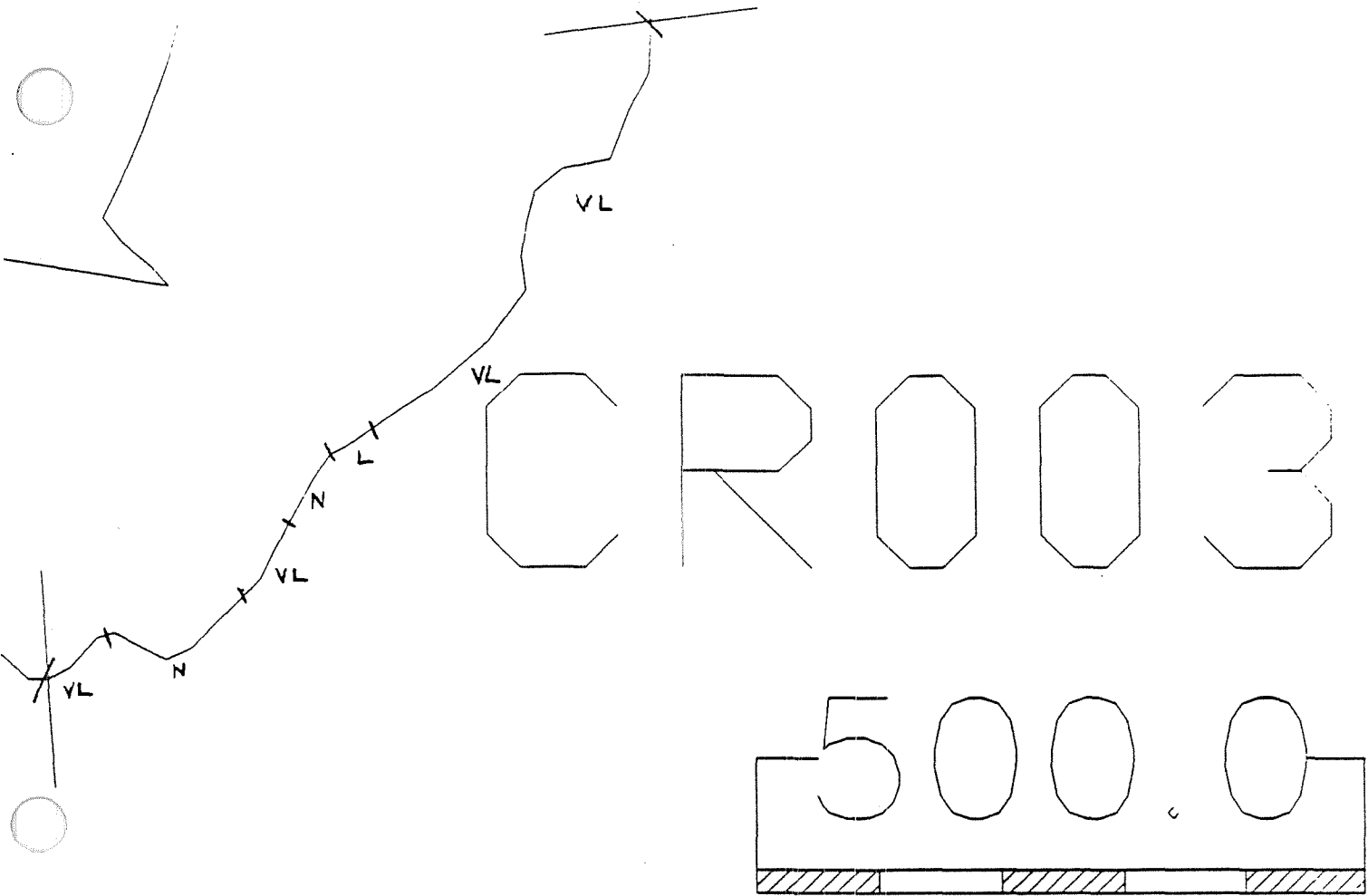
Degree of Oiling: N,VL
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CR003-1 / CR003-2 / 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



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

ADEC Sep/Oct 1989 Survey

N

ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CRO04
 LOCATION: CRAFTON ISLAND

DATE: 09/12/89
 TIME: 9:05

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

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NE
 Sea State: Moderate Knots: 0-15

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

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

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
 (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: 4 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

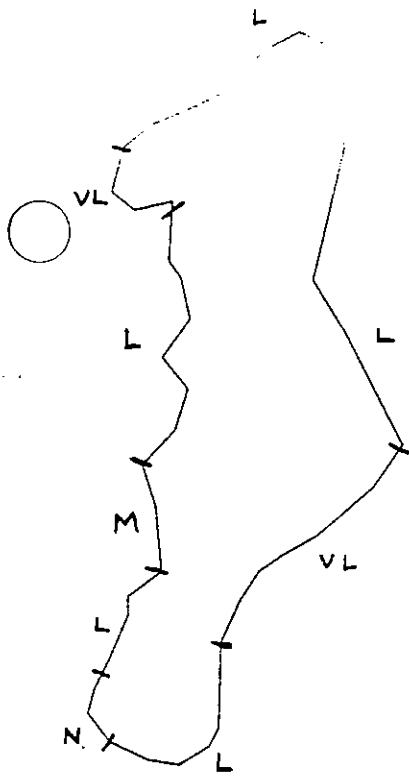
Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: P,M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CRO04-1 / CRO04-2 / none / none

DAMAGED OR OILED ORGANISMS

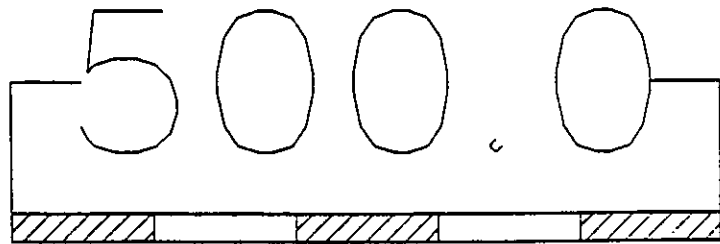
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



C R U U 4



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

ADEC Sep/Oct 1989 Survey

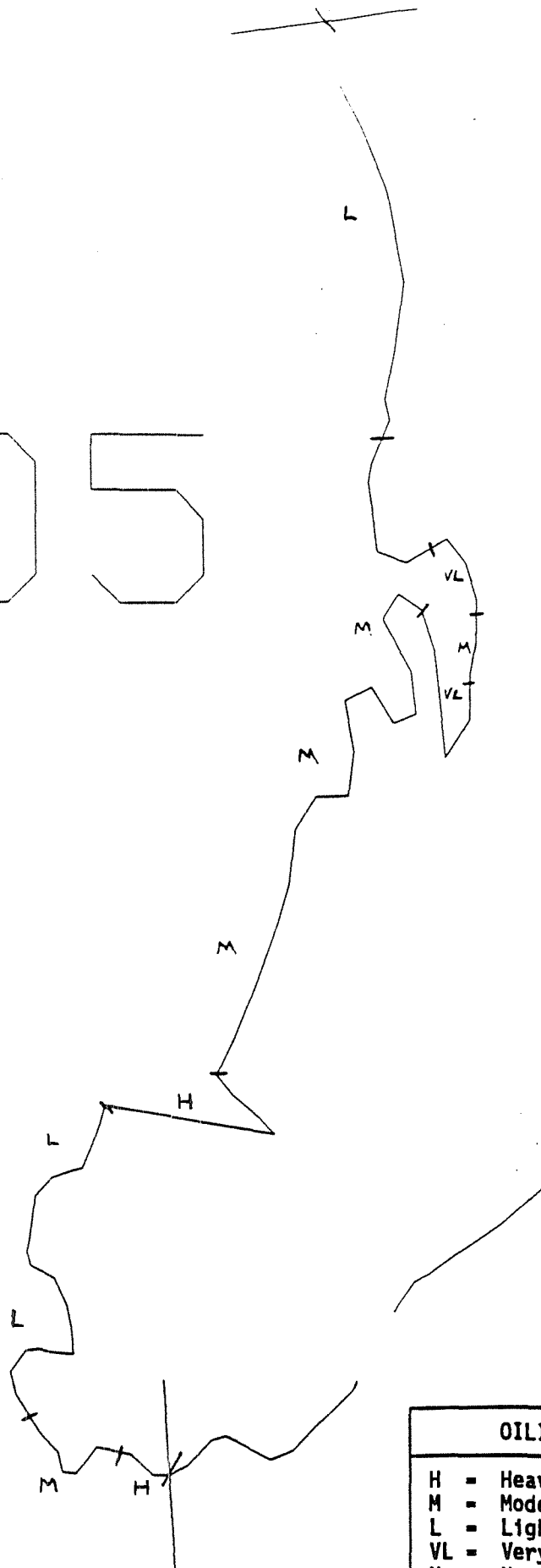
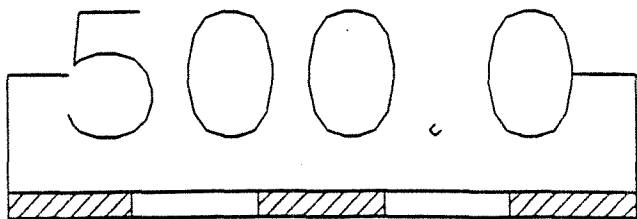
ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CR005 LOCATION: W CRAFTON ISLAND		DATE: 09/12/89 TIME: 7:50	
Survey Type: Boat, Ground Team: B. Fitzsimons, L. Gresehover, C. Robinson			
<u>WEATHER AND SEA CONDITIONS</u>			
Weather: Cloudy, Rain Sea State: Calm		Wind Direction: NE Knots: 0-15	
Low Tide: 6:01 Low Tide: 18:02	Feet: 0.72 Feet: 3.77	High Tide: 12:26 High Tide: -0-	Feet: 10. Feet: -0-
<u>SHORELINE DESCRIPTION</u>			
Shoretypes: H,LR,B,C,L (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)			
Wave Exposure: M (H=high, M=moderate, L=low)			
Shoreline Composition: R,B,C,G,M (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)			
<u>OIL CHARACTERISTICS</u>			
Degree of Oiling: VL,L,M,H (N=none, VL=very light, L=light, M=moderate, H=heavy)			
Area of Impact: S,H,M (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)			
Max. Oil Thickness: 3 mm (1 = 1 mm or less, 0 = no oil)			
Max. Oil Penetration: 20 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 100%			
Presence of Oiled Driftwood (y/n): y			
Oil Types: M,SY,ST (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: CR005-1 / none / none / none			
<u>DAMAGED OR OILED ORGANISMS</u>			
Fucus (y/n): n		Barnacles (y/n): y	
Dead Mammals: 0		Mussels (y/n): y Dead Birds: 0	
<u>SOLID WASTE FOUND</u>			
Type: Paint marks		Bags Collected: 0	

Draft

Printed: 12/12/89 11:04

C R 0 0 5



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

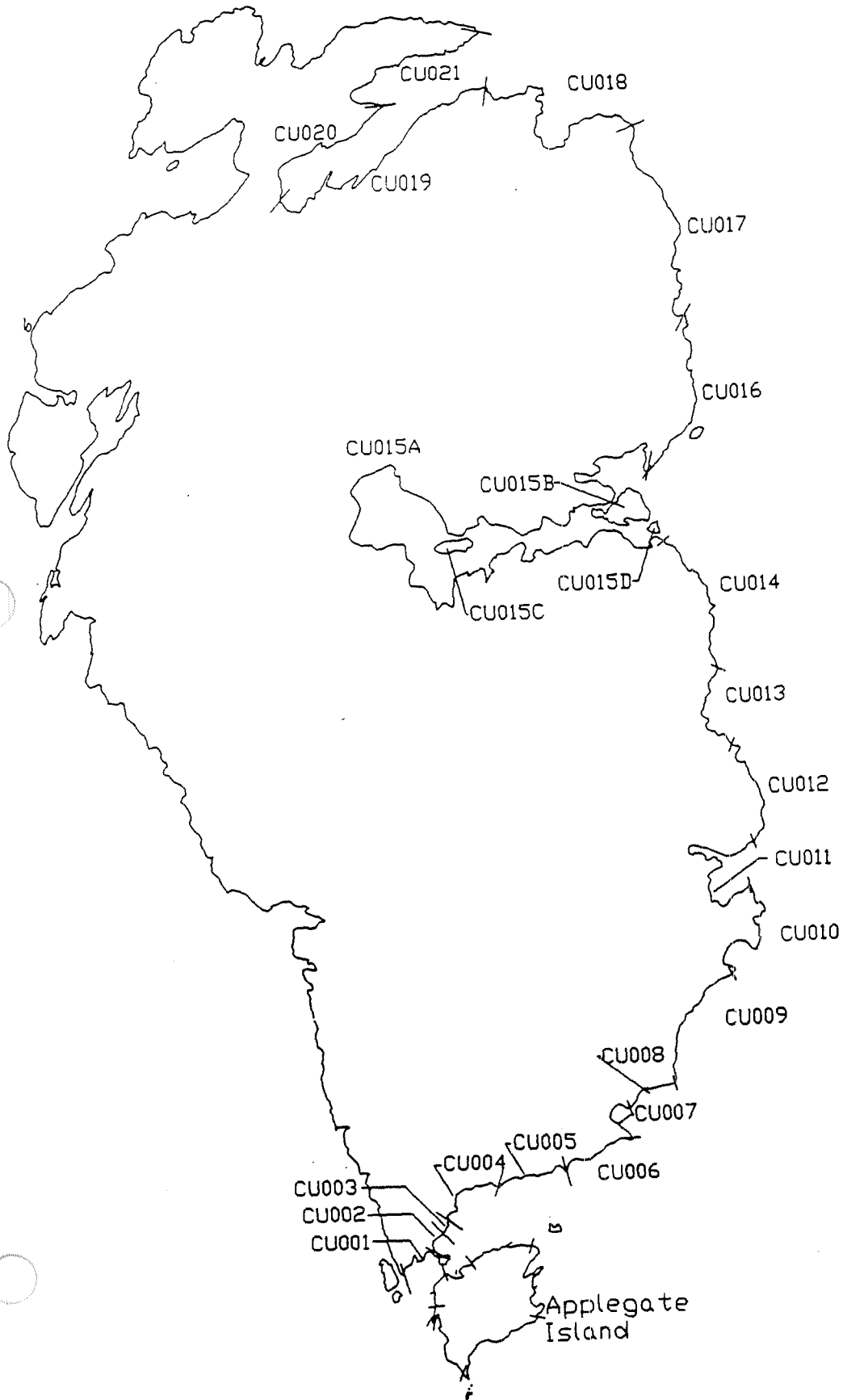
ADEC Sep/Oct 1989 Survey

SECTION CONTENTS --- CULROSS ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
CU001	S CULROSS ISLAND
CU002	S CULROSS ISLAND
CU003	S CULROSS ISLAND
CU004	S CULROSS ISLAND
CU005	S CULROSS ISLAND
CU006	S CULROSS ISLAND
CU007	S CULROSS ISLAND
CU008	S CULROSS ISLAND
CU009	SE CULROSS ISLAND
CU010	SE CULROSS ISLAND
CU011	E CULROSS ISLAND
CU012	E CULROSS ISLAND
CU013	E CULROSS ISLAND
CU014	E CULROSS ISLAND
CU015 A,B,D	HIDDEN BAY,CULROSS ISLAND
CU016	E CULROSS ISLAND

Printed: 12/12/89

Culross Island



ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU001
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 15:30

Survey Type: Boat, Ground
 Team: B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: E
 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

Shoretupes: 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
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CU001-1 / CU001-2 / none / none

DAMAGED OR OILED ORGANISMS

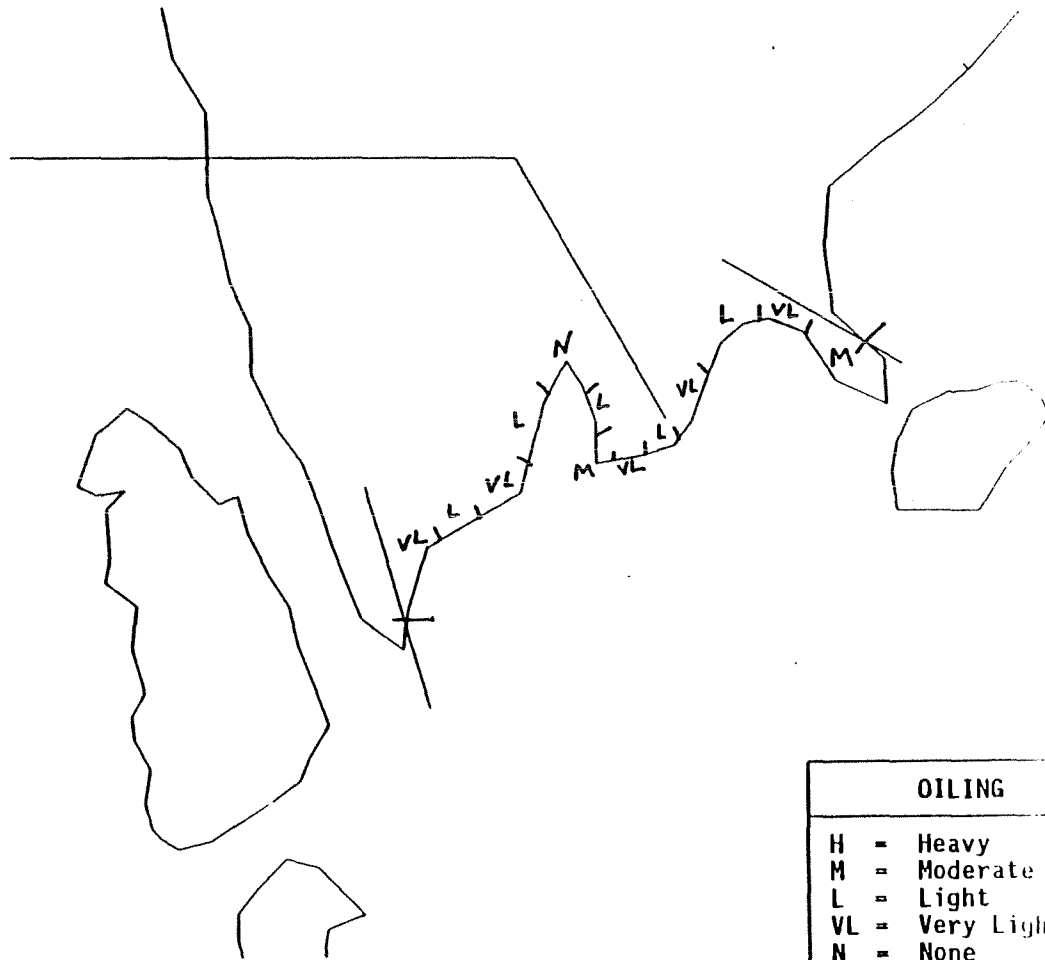
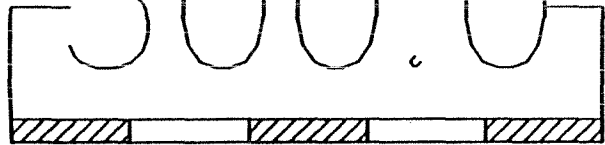
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

CU0001

500.0



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

SEGMENT#: CU002
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 15:25

Survey Type: Boat, Ground
 Team: G. Pavia, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: E
 Sea State: Calm 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: 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,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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CU002-1 / CU002-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Four 5 gal. buckets of oil sed.
 Bags Collected: 1

CU0002

500.0



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

4DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU003
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 16:05

Survey Type: Boat, Ground
 Team: G. Pavia, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: E
 Sea State: Calm 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
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: L (H=high, M=moderate, L=low)
 Shoreline Composition: R,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: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

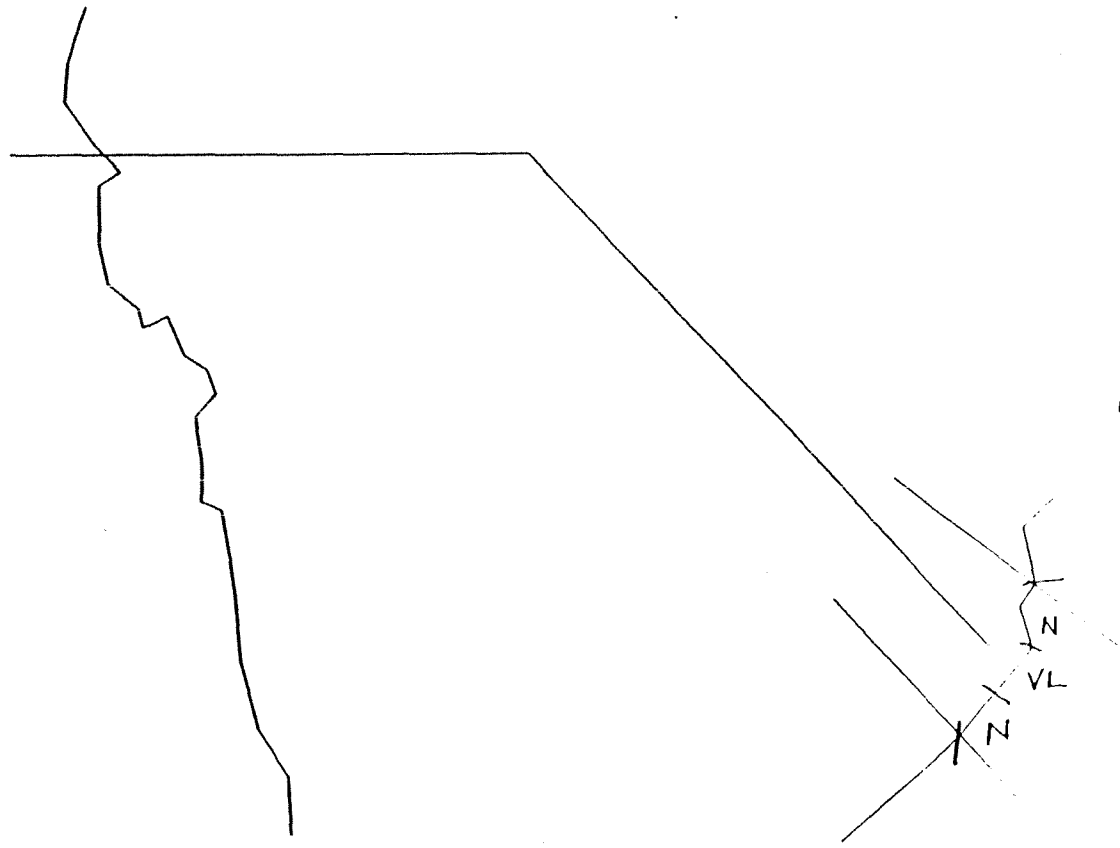
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

CU003

500.0

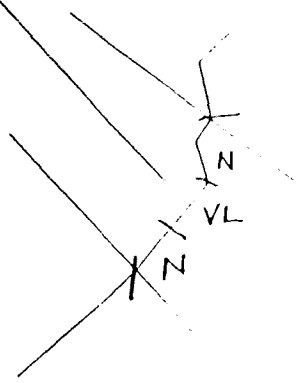


OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed



Distance In Meters

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU004
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 16:00

Survey Type: Boat, Ground
 Team: M. Ebel, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

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

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

OIL CHARACTERISTICS

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

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

Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

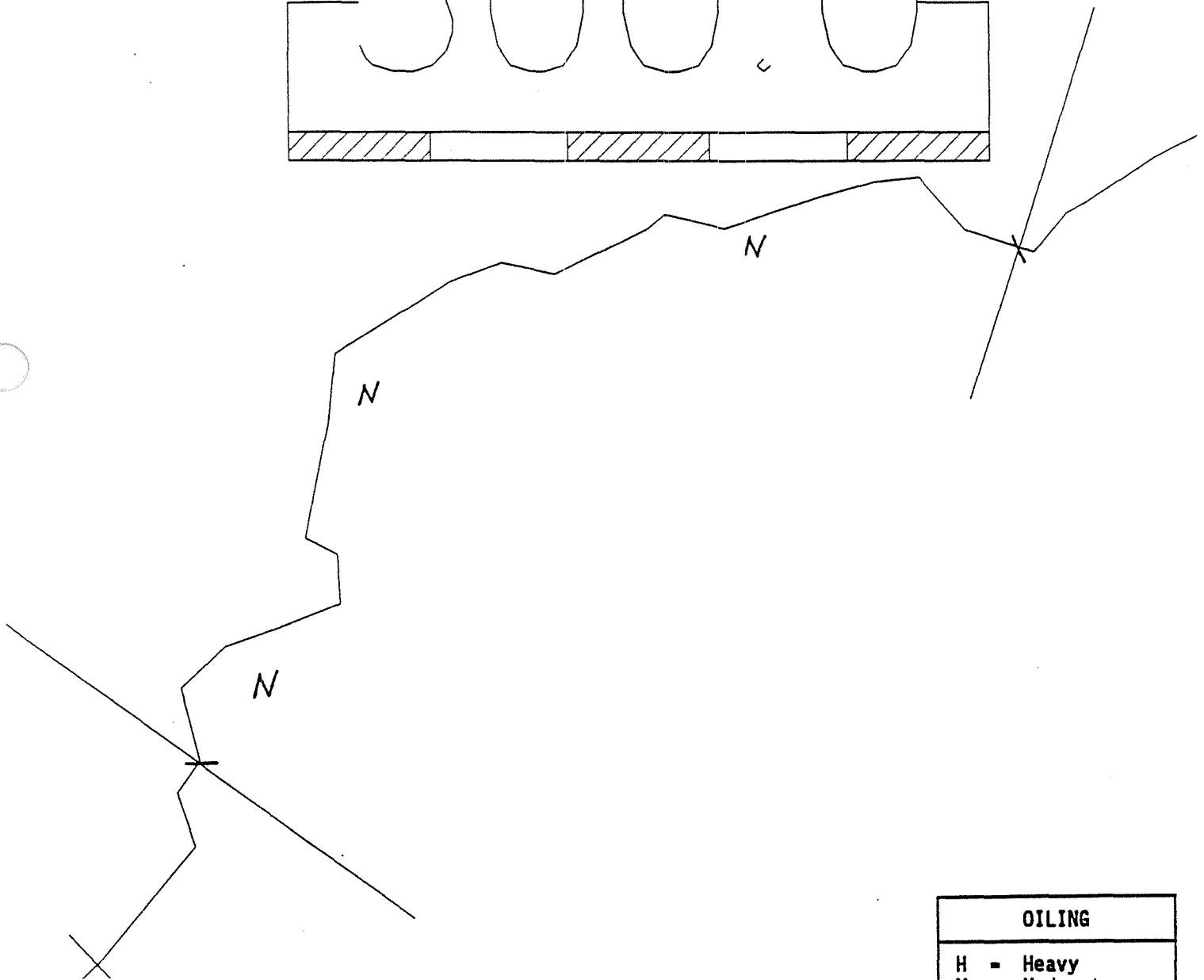
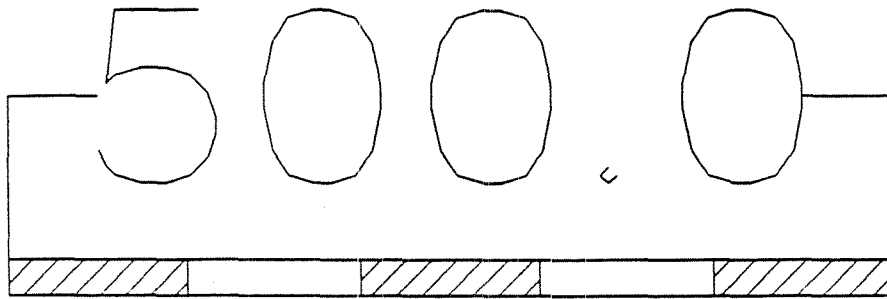
DAMAGED OR OILED ORGANISMS

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

C U O O 4



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU005
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 16:30

Survey Type: Boat, Ground
 Team: M. Ebel, B. McCreedy, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: SW
 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
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (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,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

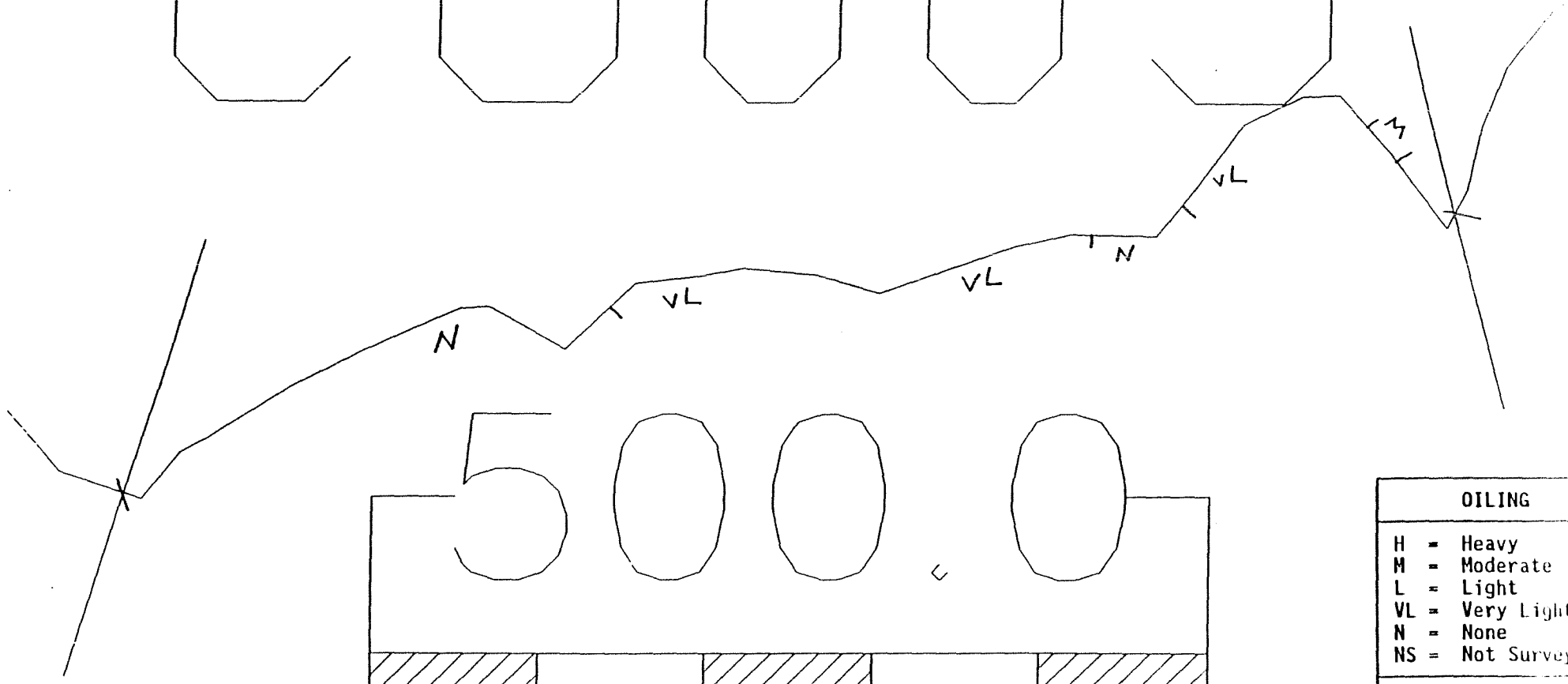
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

C U O O S

5 0 0 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU006
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 17:00

Survey Type: Boat, Ground
 Team: G. Pavia, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: E
 Sea State: Calm 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: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: R,C,G,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
 (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: 30 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CU006-1 / CU006-2 / none / none

DAMAGED OR OILED ORGANISMS

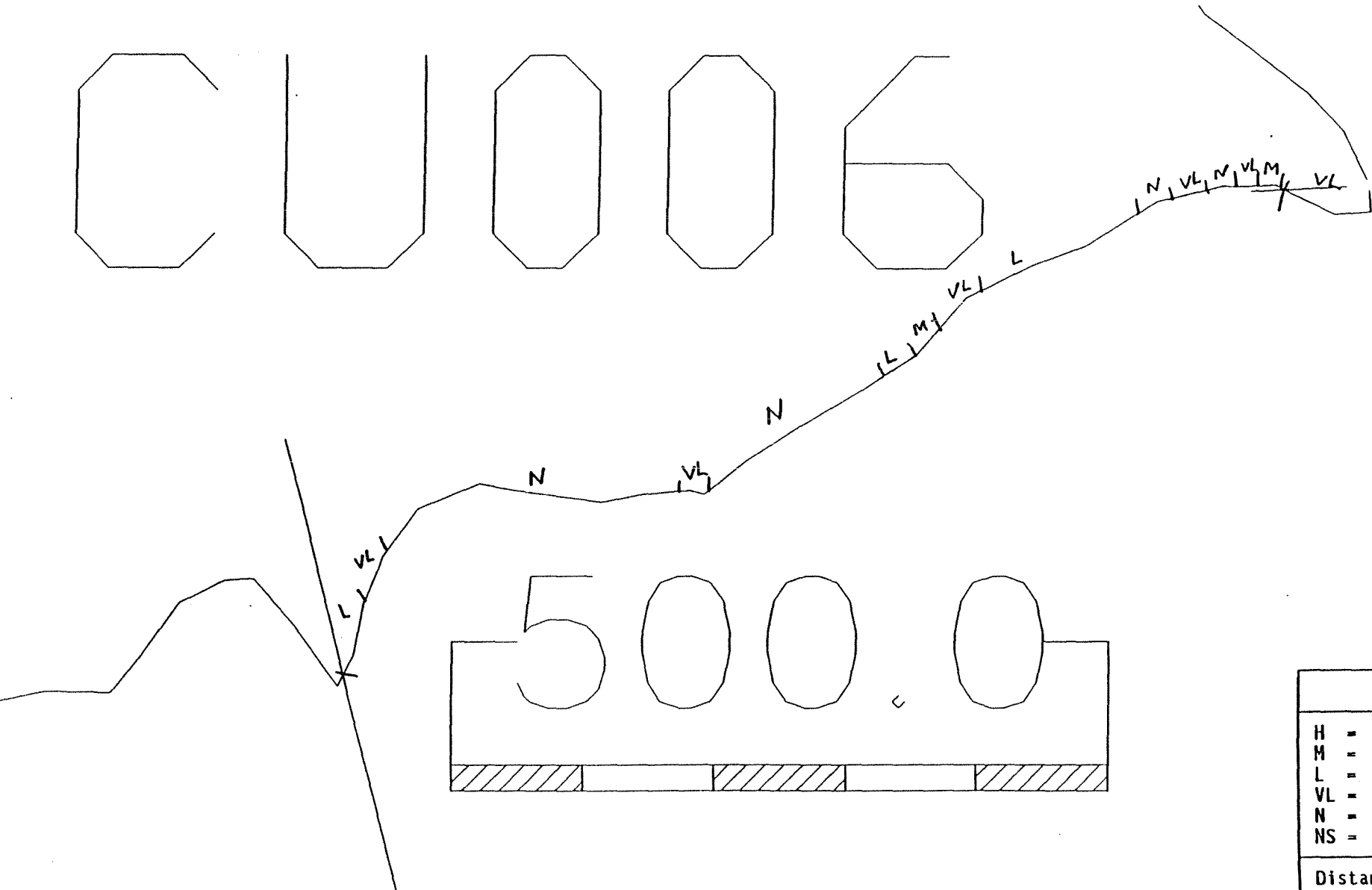
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, Cleanup debris
 Bags Collected: 0

C U O O G

5 0 0 0



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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU007
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 18:00

Survey Type: Boat, Ground
 Team: G. Pavia, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: E
 Sea State: Calm 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: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (H=high, M=moderate, L=low)
 Shoreline Composition: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

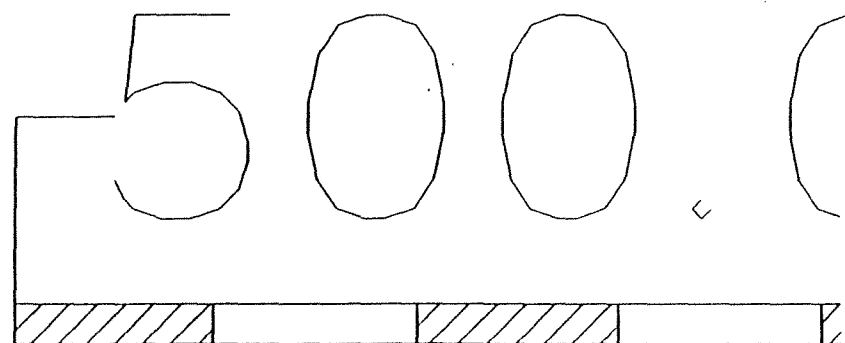
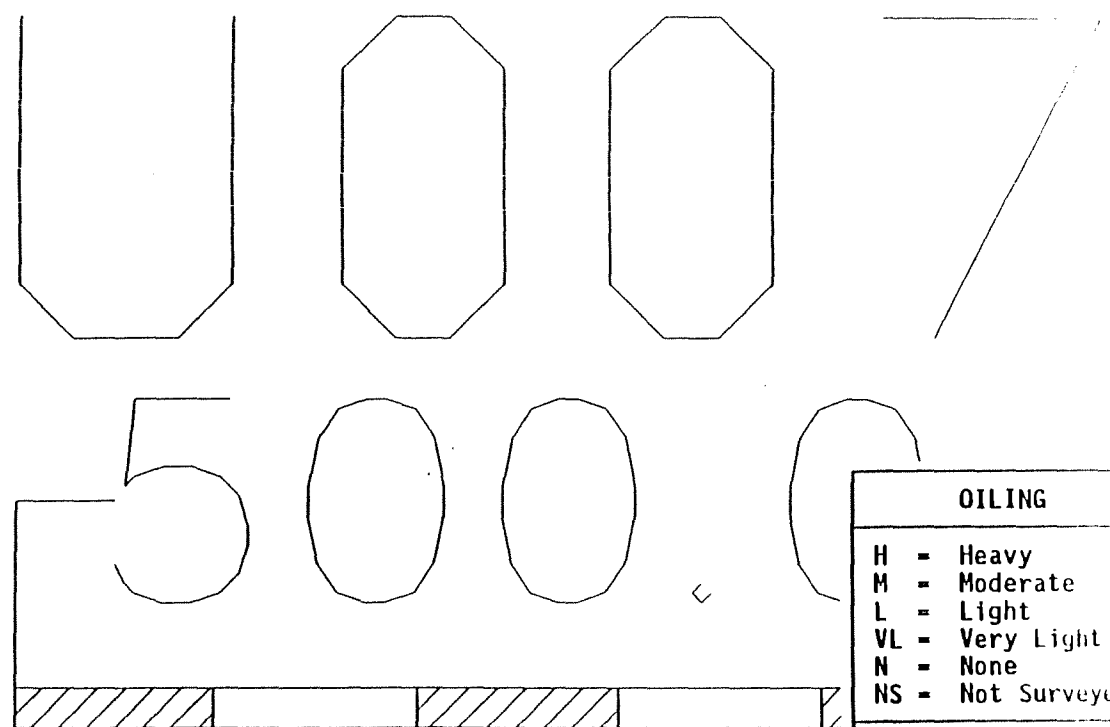
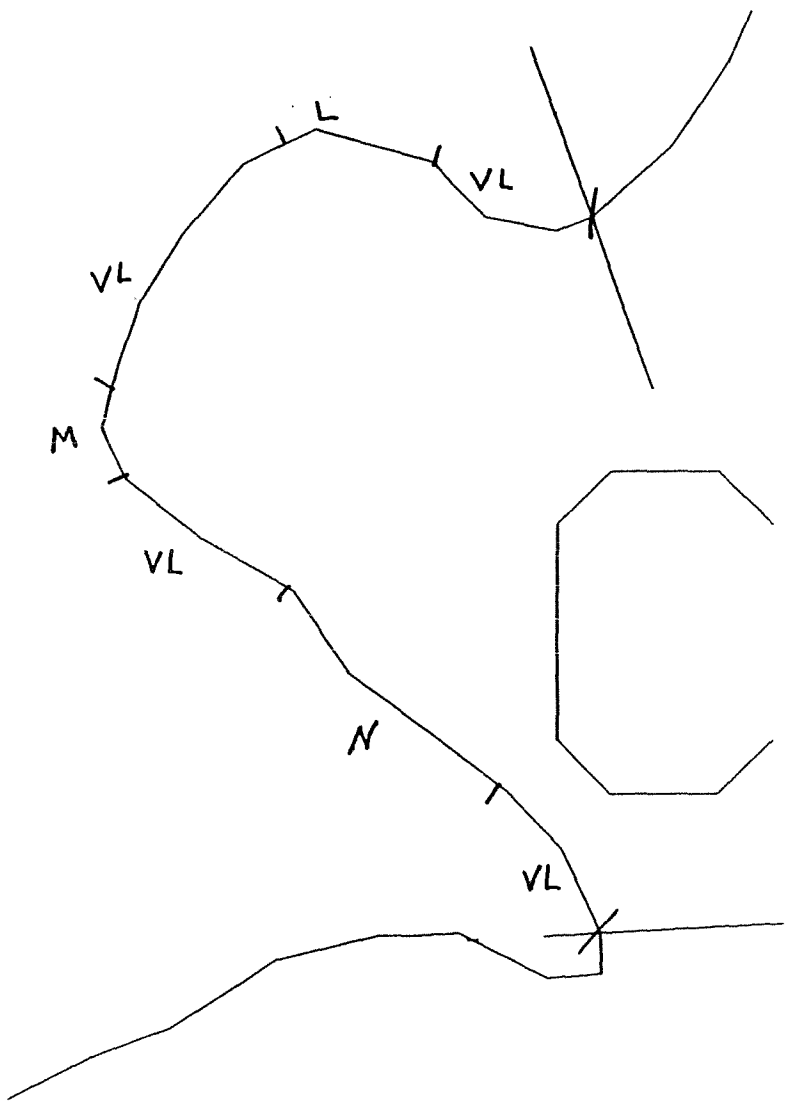
Degree of Oiling: N,VL,L,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 80%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CU007-1 / CU007-2 / 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: One locality, 55 gal drum
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU008
 LOCATION: S CULROSS ISLAND

DATE: 09/13/89
 TIME: 17:33

Survey Type: Boat, Ground
 Team: M. Ebel, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

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

Wave Exposure: H,M (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,M
 (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: 0 cm (35 = 35 cm or greater)

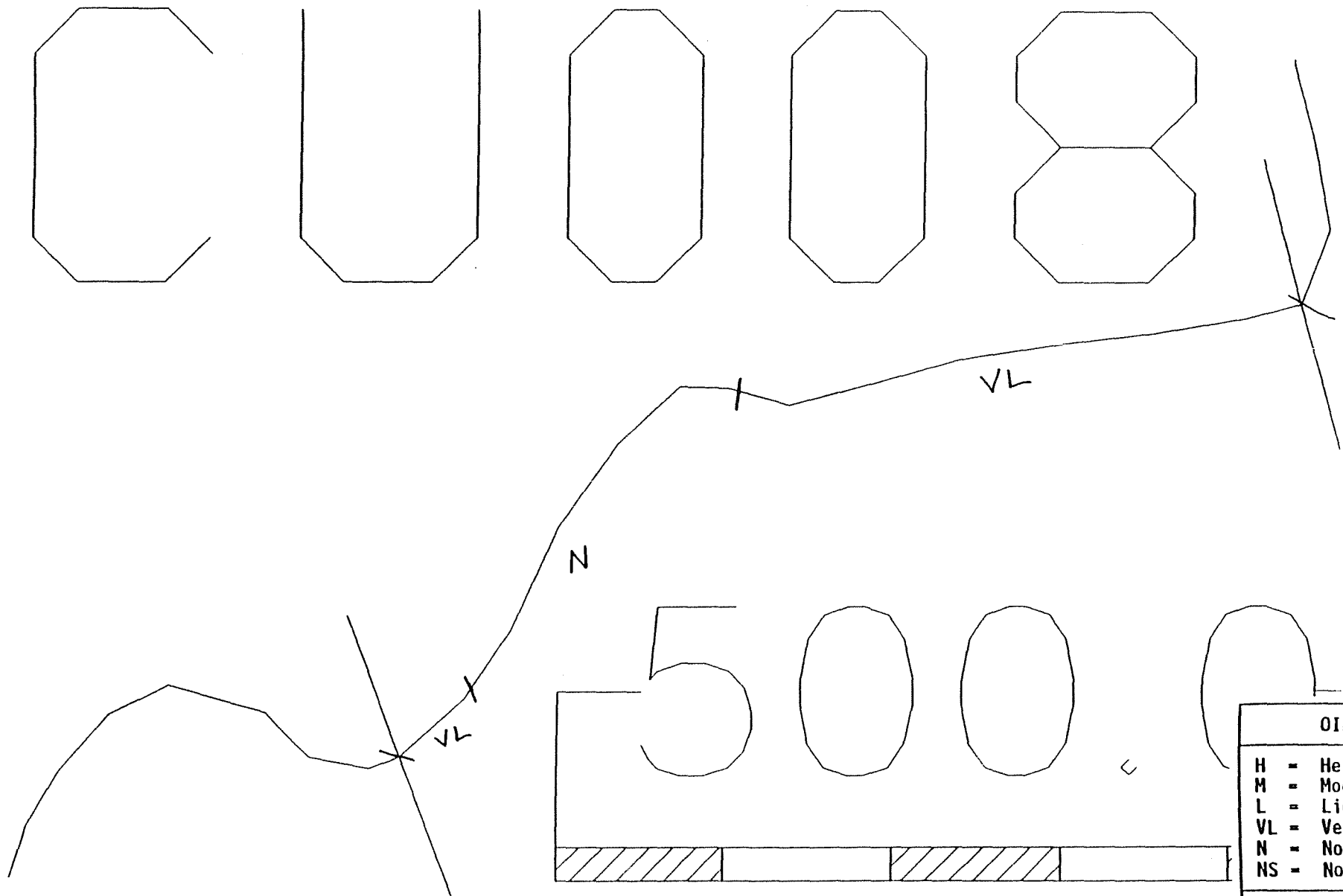
Percent Segment Categorized as Oiled: 60%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



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

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU009
 LOCATION: SE CULROSS ISLAND

DATE: 09/13/89
 TIME: 18:30

Survey Type: Boat, Ground
 Team: G. Pavia, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: E
 Sea State: Calm 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
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)

Wave Exposure: M (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
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / 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: Cleanup debris
 Bags Collected: 0

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU010
 LOCATION: SE CULROSS ISLAND

DATE: 09/13/89
 TIME: 17:30

Survey Type: Boat, Ground
 Team: B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: SW
 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
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (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

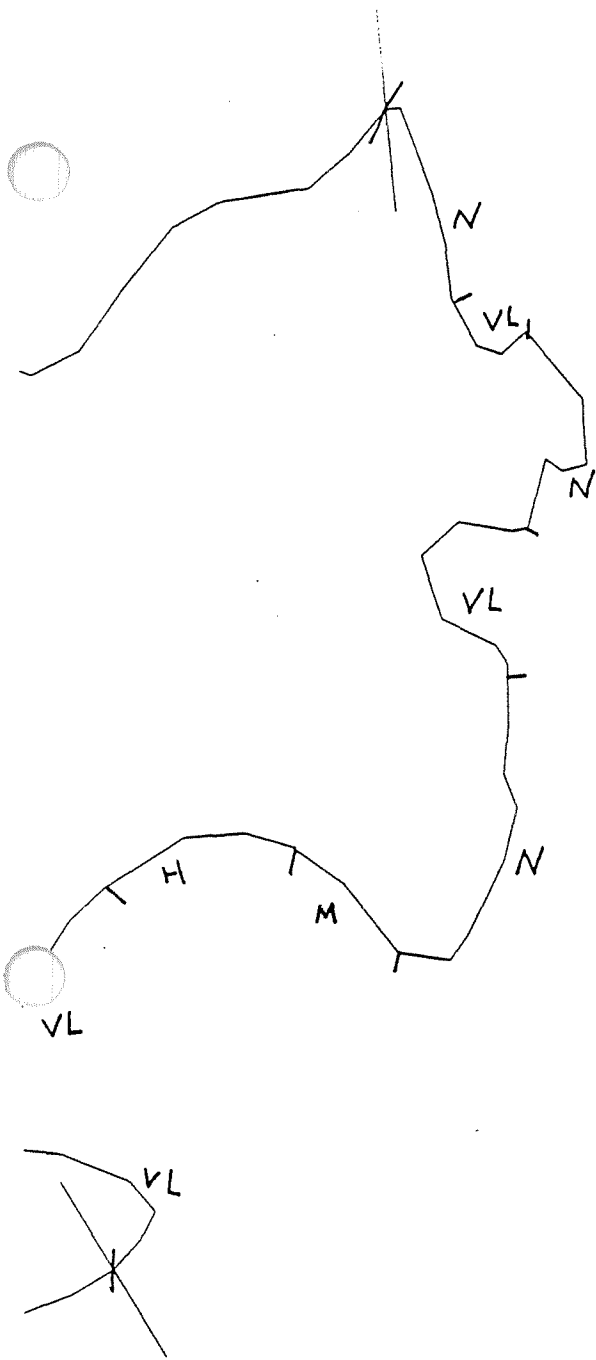
Degree of Oiling: N,VL,M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M,L
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CU010-1 / CU010-2 / 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



CU010

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU011
 LOCATION: E CULROSS ISLAND

DATE: 09/14/89
 TIME: 9:00

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain, Fog Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

Wave Exposure: H,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
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

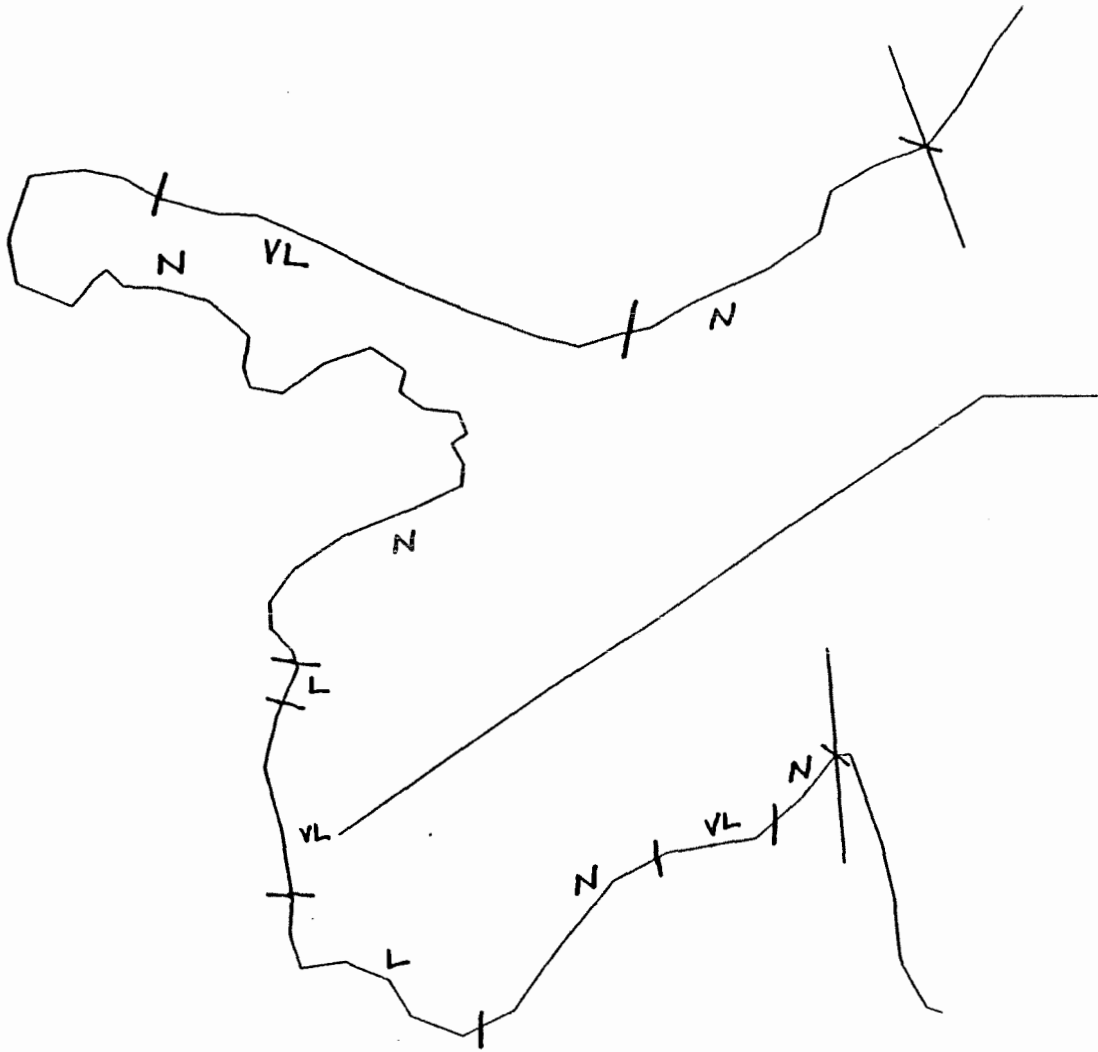
Samples: CU011-1 / CU011-2 / none / none

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: Boom, cleanup debris, garbage, signs
 Bags Collected: 1



CU011

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU012
 LOCATION: E CULROSS ISLAND

DATE: 09/14/89
 TIME: 11:30

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

Shoretypes: H,LR
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

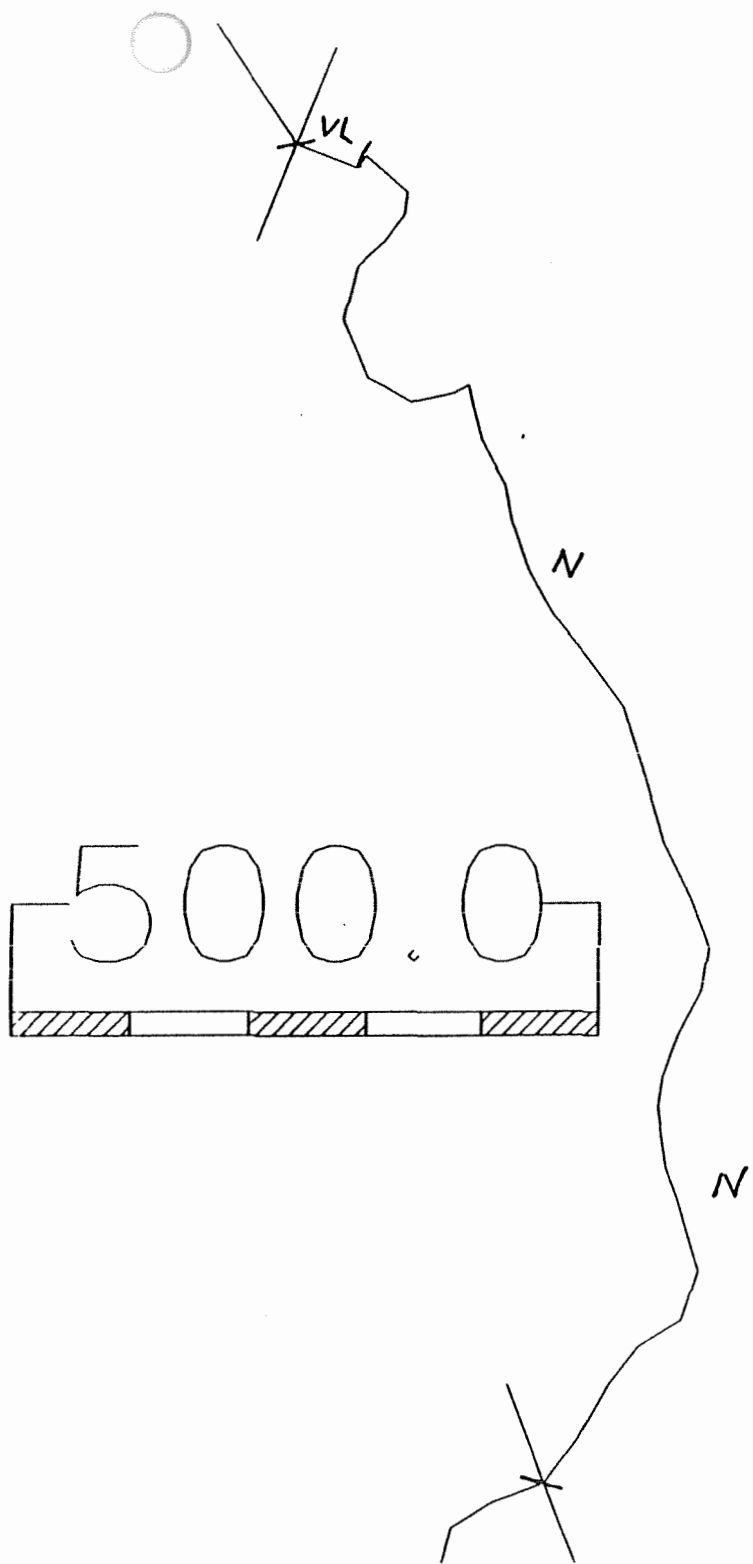
Degree of Oiling: N,VL
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized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



CU012

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU013
 LOCATION: E CULROSS ISLAND

DATE: 09/14/89
 TIME: 12:00

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCreedy

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain, Fog Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

Shoretupes: H,B,C,M
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M,L (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C,G,S,M
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

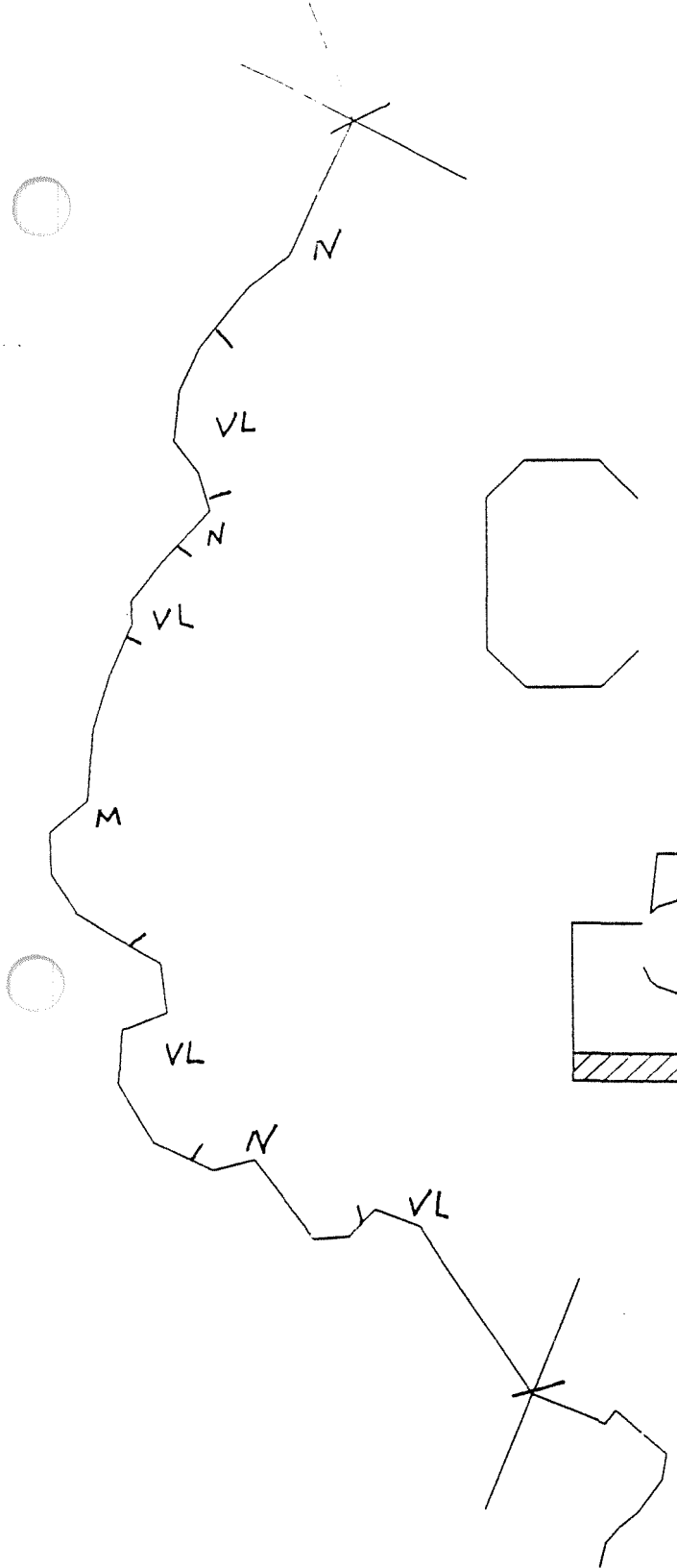
Degree of Oiling: N,VL,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: S,H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 15 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: CU013-1 / CU013-2 / none / none

DAMAGED OR OILED ORGANISMS

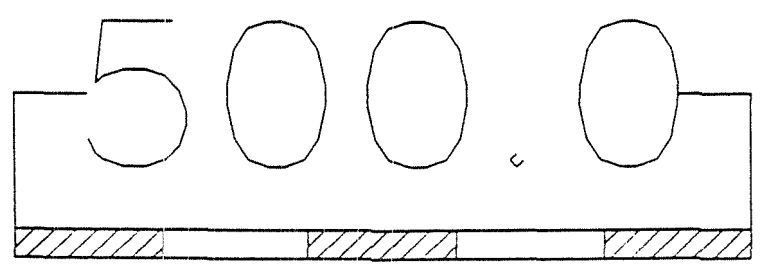
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Boom, cleanup debris, garbage, signs
 Bags Collected: 1



C U 0 1 3



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU014
 LOCATION: E CULROSS ISLAND

DATE: 09/14/89
 TIME: 10:40

Survey Type: Boat, Ground
 Team: C. Robinson, M. Ebel, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
 (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: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 50%

Presence of Oiled Driftwood (y/n): y

Oil Types: M

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

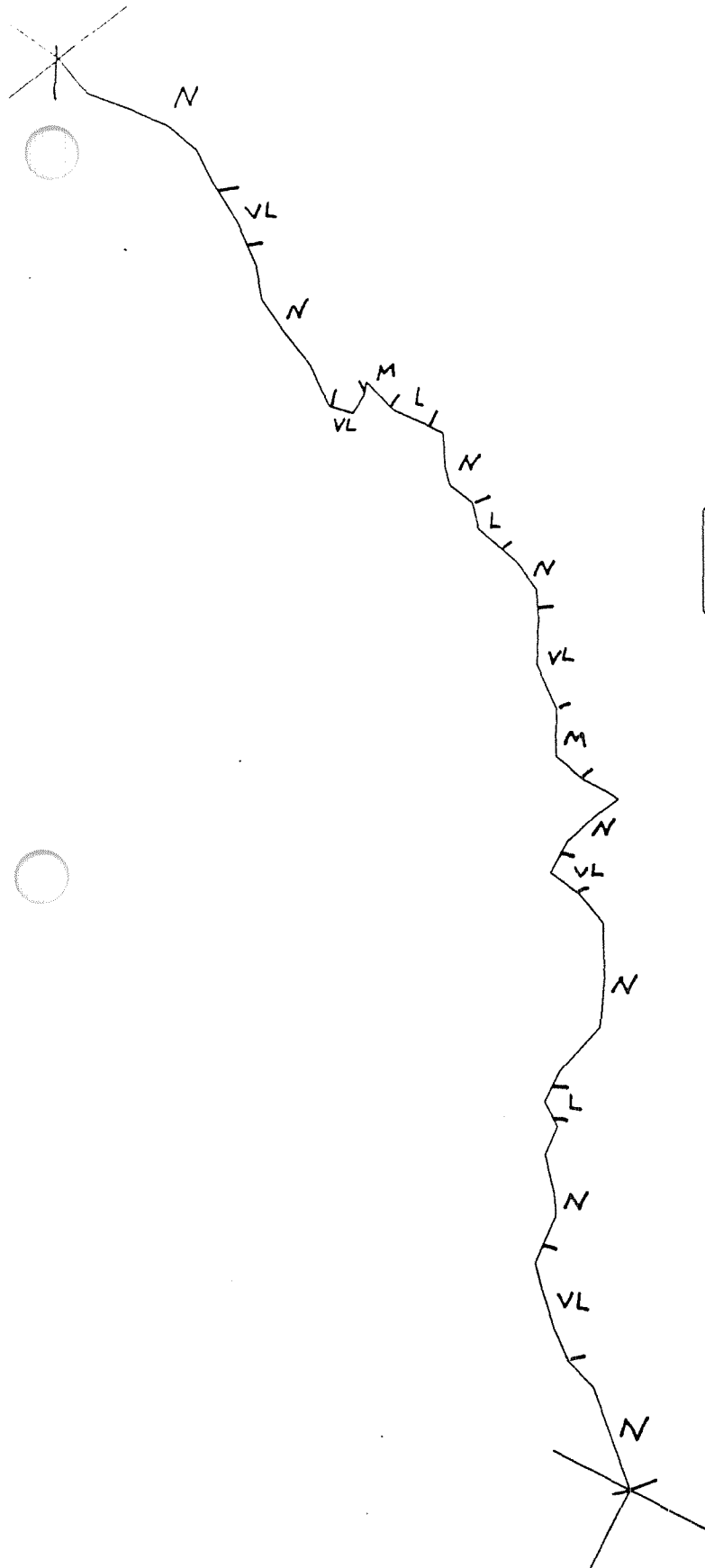
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 1

SOLID WASTE FOUND

Type: Boom

Bags Collected: 0



CU014

500.0

A small diagram of a rectangular block with a hatched base. The number 500.0 is written inside the block.

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU015 A,B,D DATE: 09/14/89
LOCATION: HIDDEN BAY,CULROSS ISLAND TIME: 12:30

Survey Type: Boat, Ground
Team: B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: S,H,M
(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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 10%
Presence of Oiled Driftwood (y/n): n
Oil Types: T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

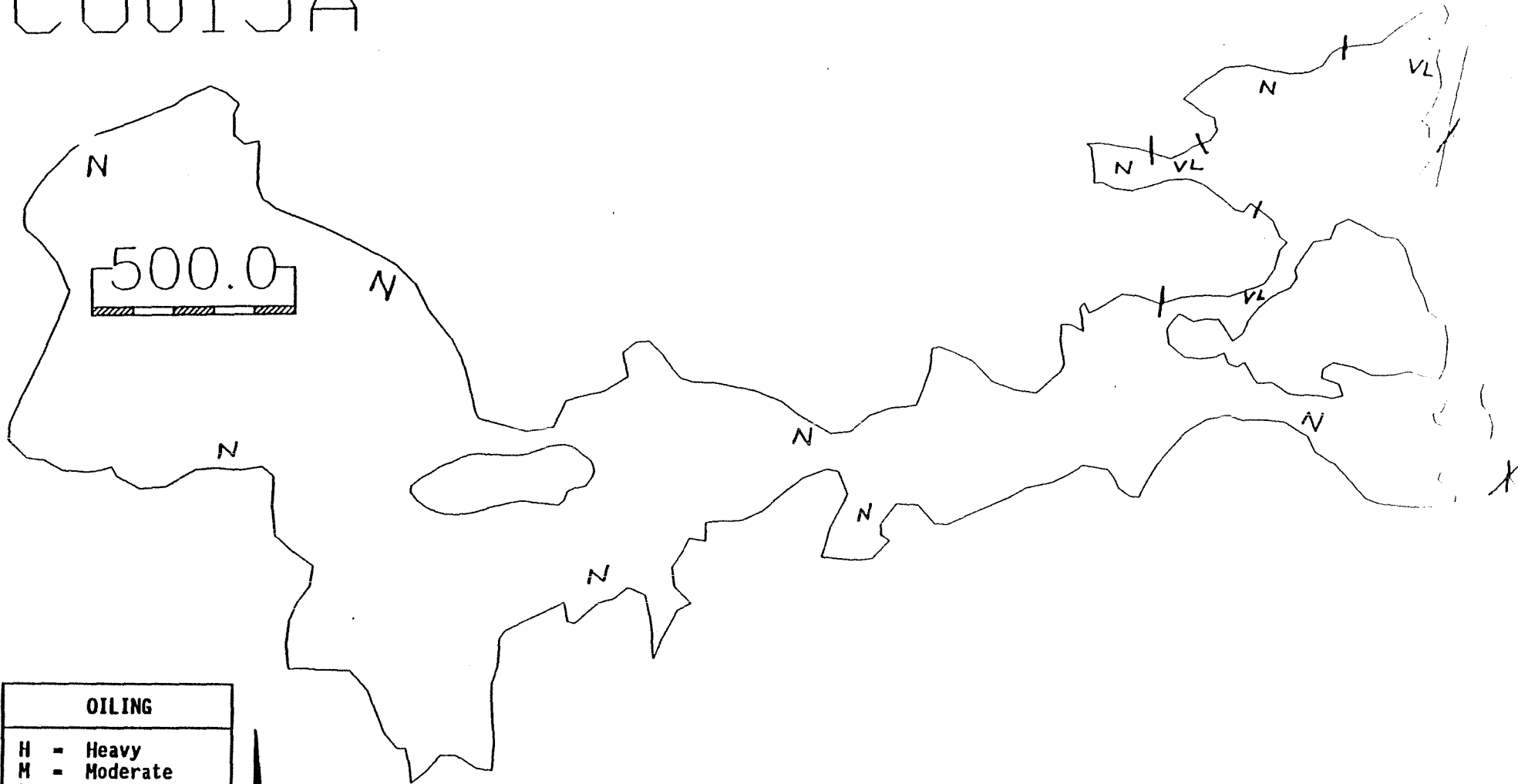
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
Bags Collected: 0

CU015A



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

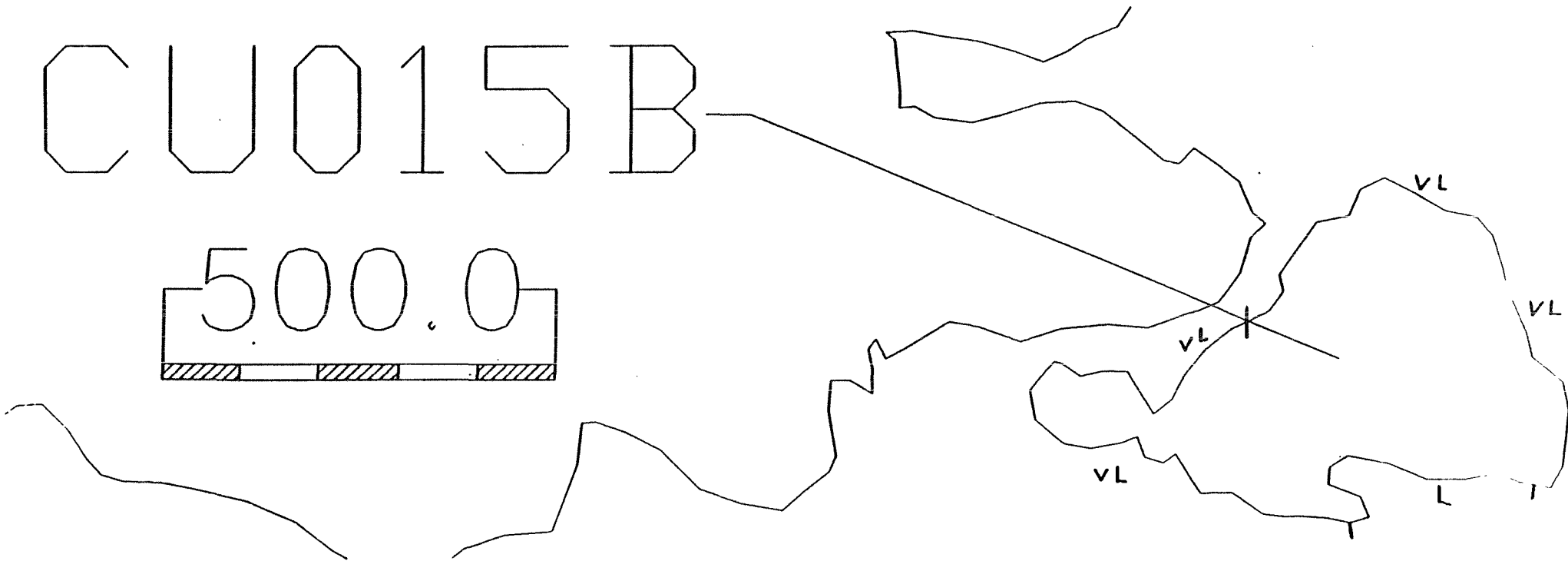
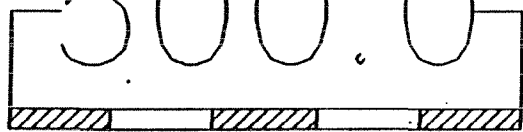
Distance In Meters



ADEC Sep/Oct 1989 Survey

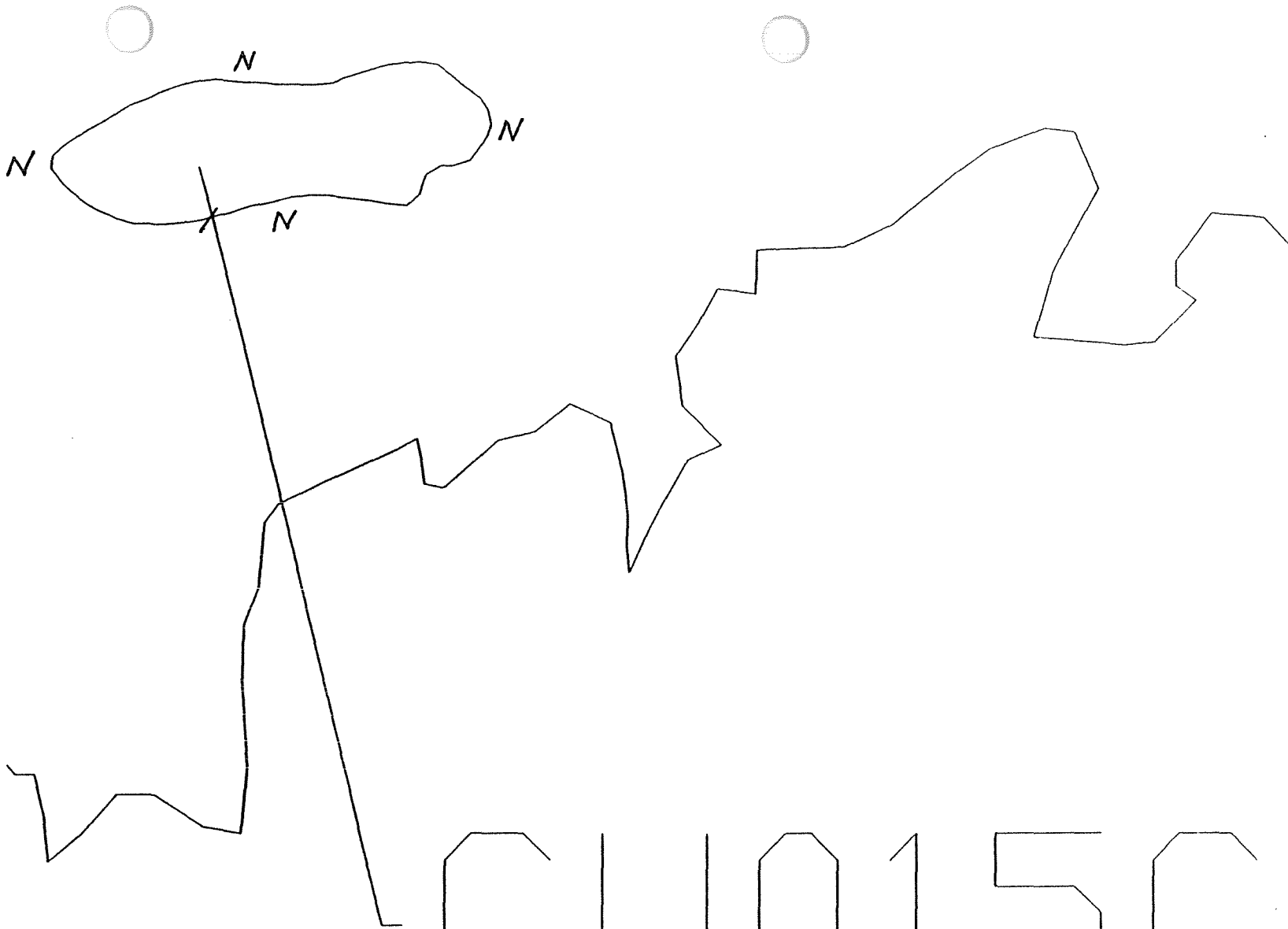
CU015B

500.0

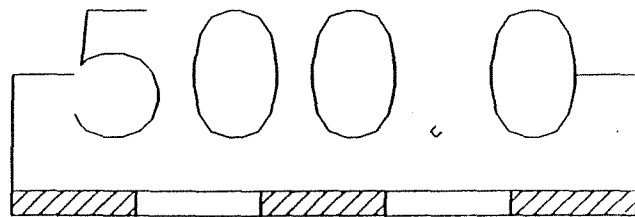


OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

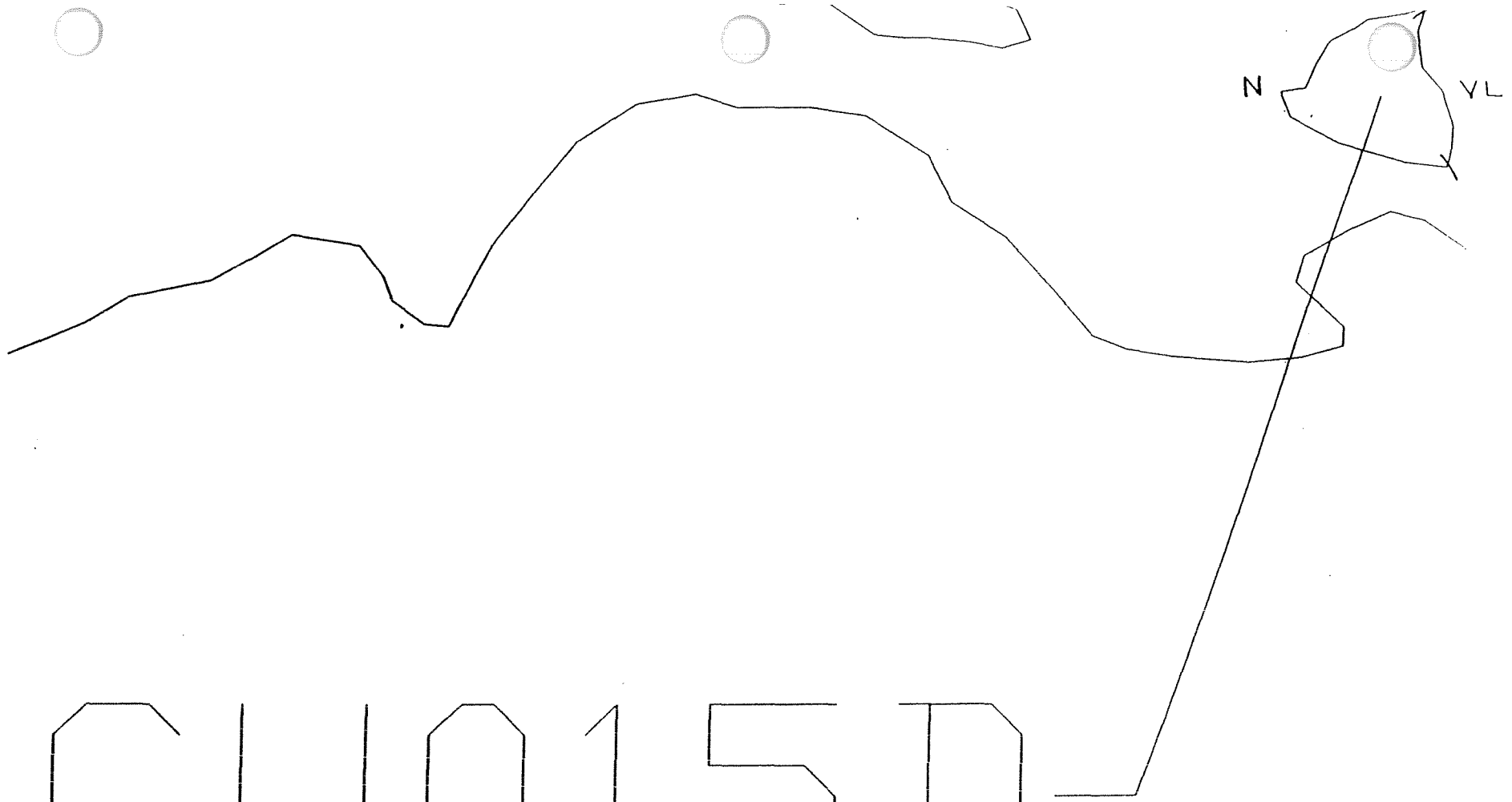
Distance In Meters



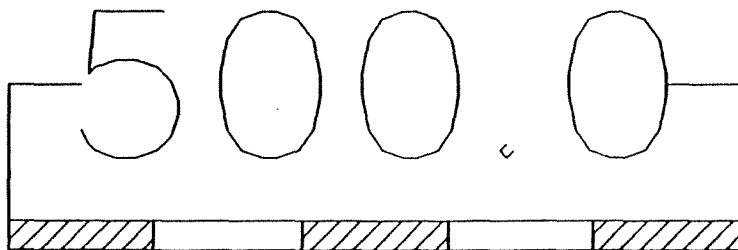
CU0150



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



CU015D



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: CU016
 LOCATION: E CULROSS ISLAND

DATE: 09/14/89
 TIME: 12:00

Survey Type: Boat, Ground
 Team: C. Robinson, D. Zobrist, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

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

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

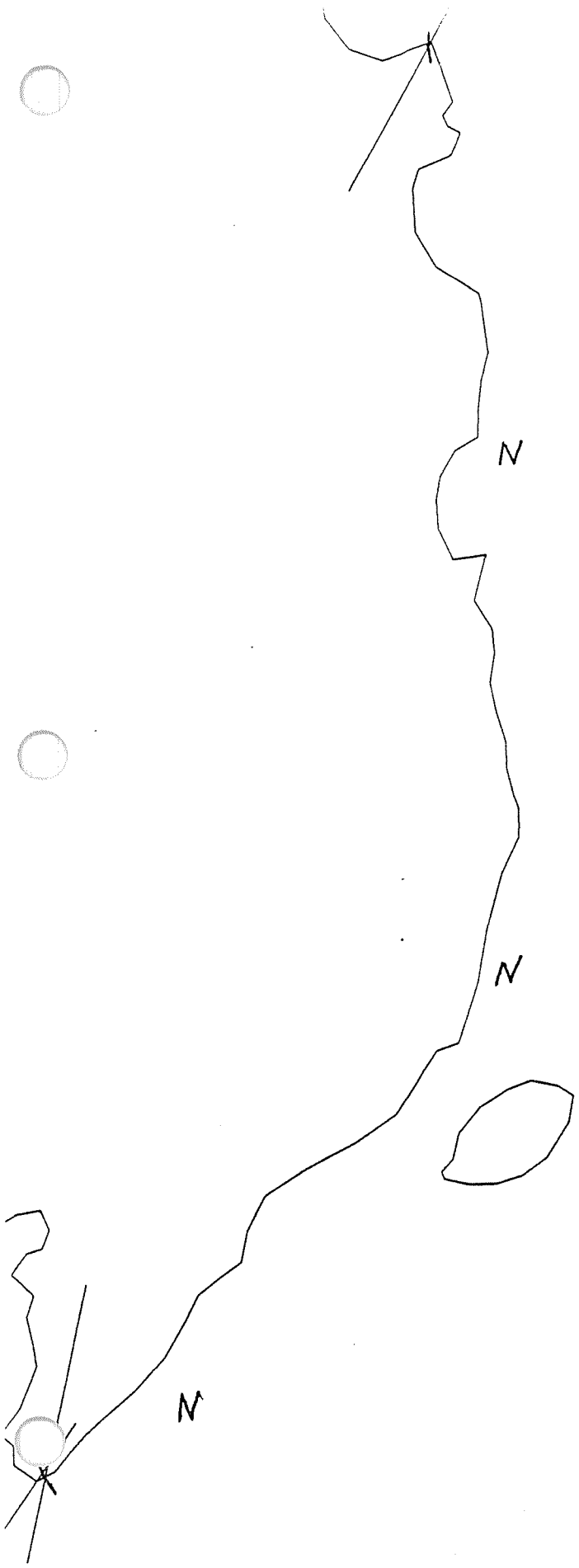
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



CU016

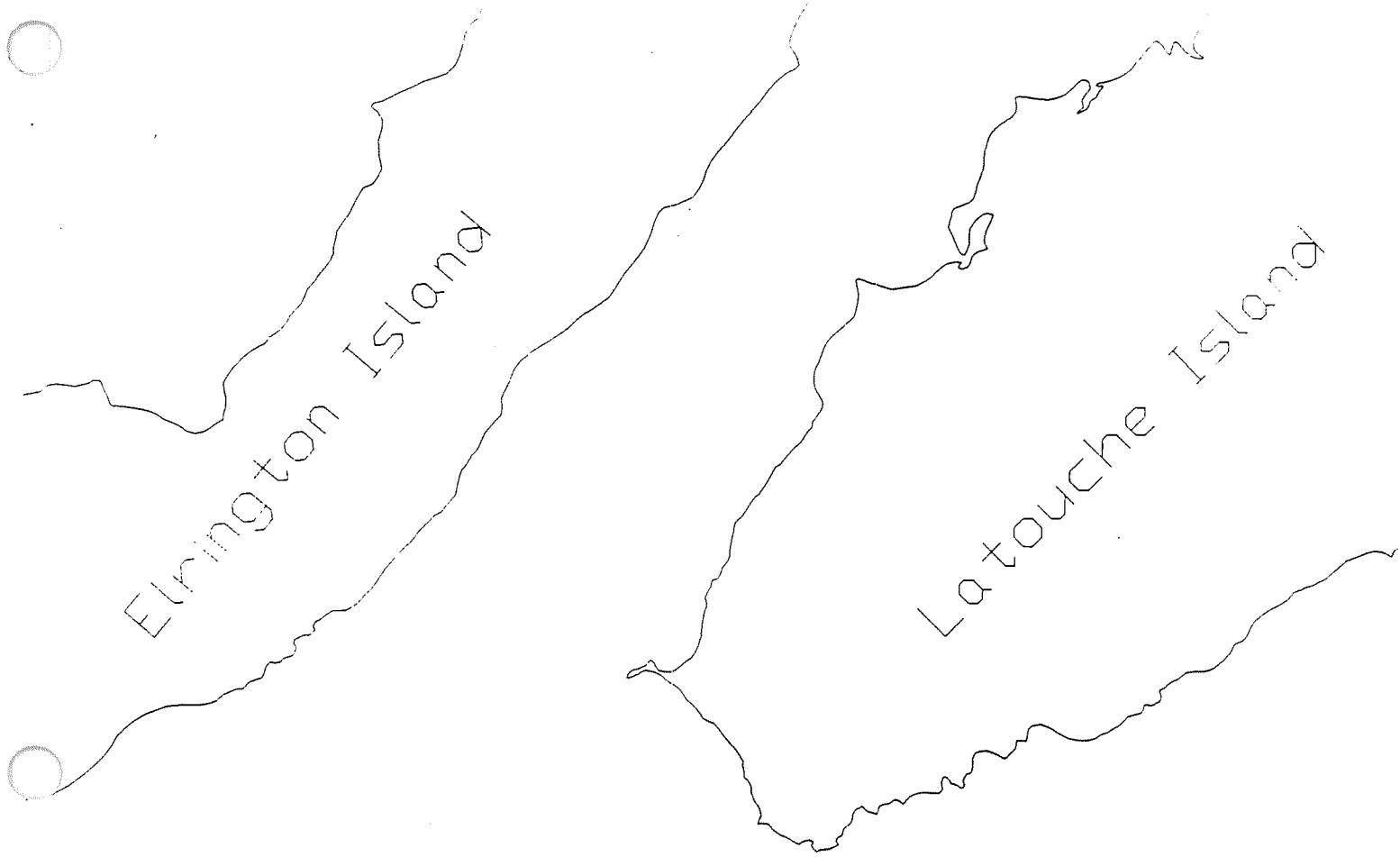
500.0

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

SECTION CONTENTS -- DANGER ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
DA001	N DANGER ISLAND
DA002	S DANGER ISLAND

Printed: 12/12/89



DA002



DA001

Danger Island

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: DA001
 LOCATION: N DANGER ISLAND

DATE: 10/10/89
 TIME: 15:48

Survey Type: Boat, Ground
 Team: J. Krieger, D. Gardner, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
 Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

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

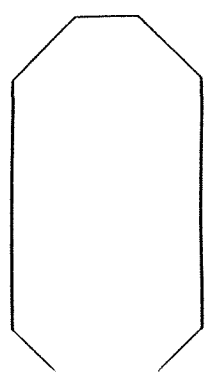
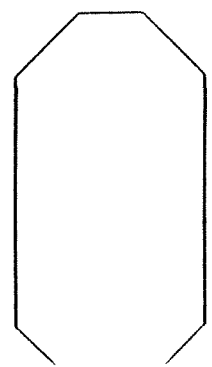
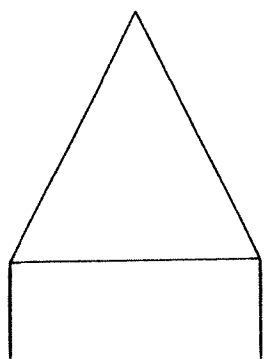
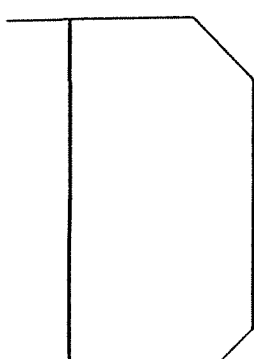
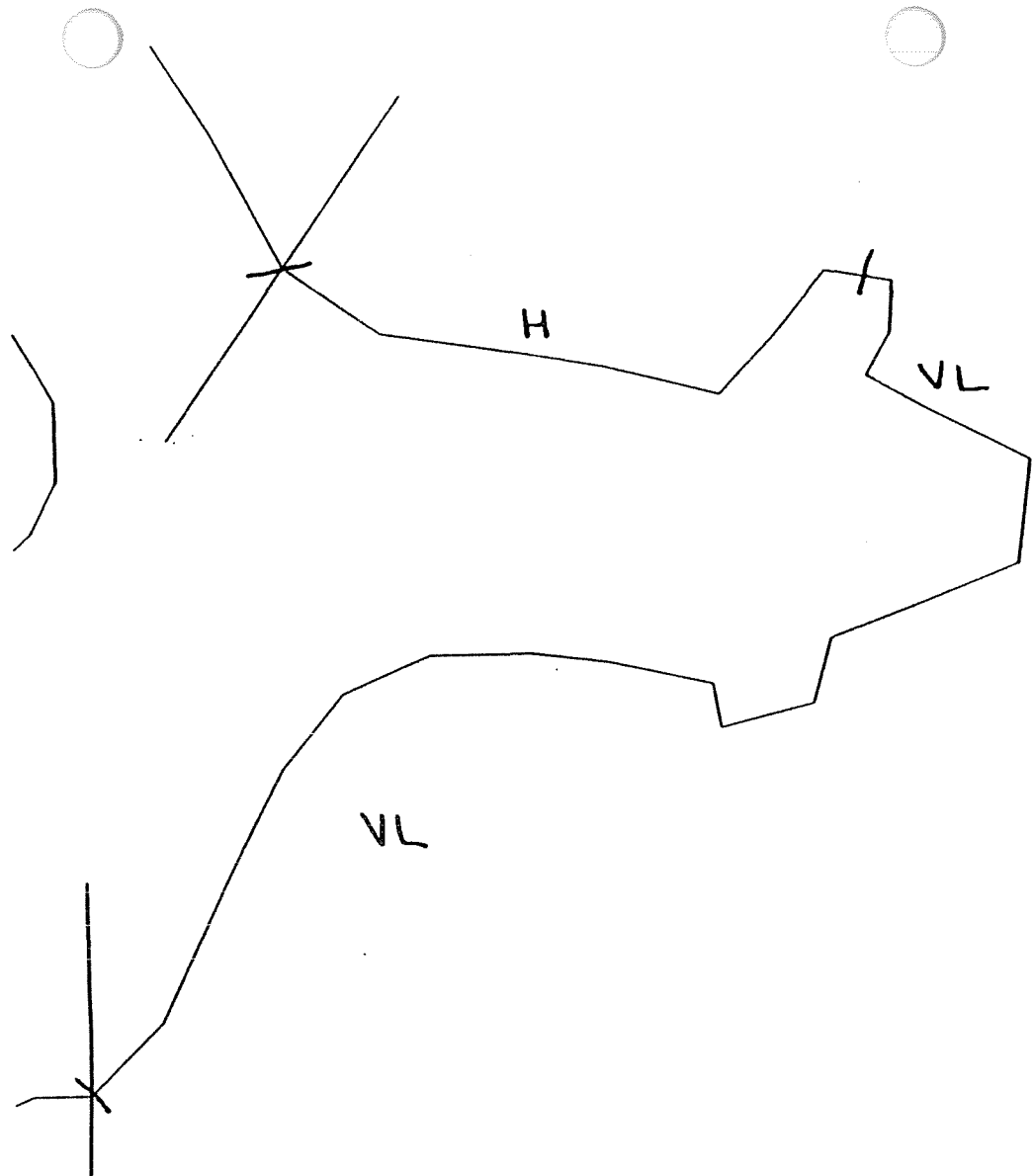
Degree of Oiling: VL,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: DA002
 LOCATION: S DANGER ISLAND

DATE: 10/10/89
 TIME: 17:50

Survey Type: Boat, Ground
 Team: J. Krieger, D. Gardner, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
 Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%

Presence of Oiled Driftwood (y/n): y

Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

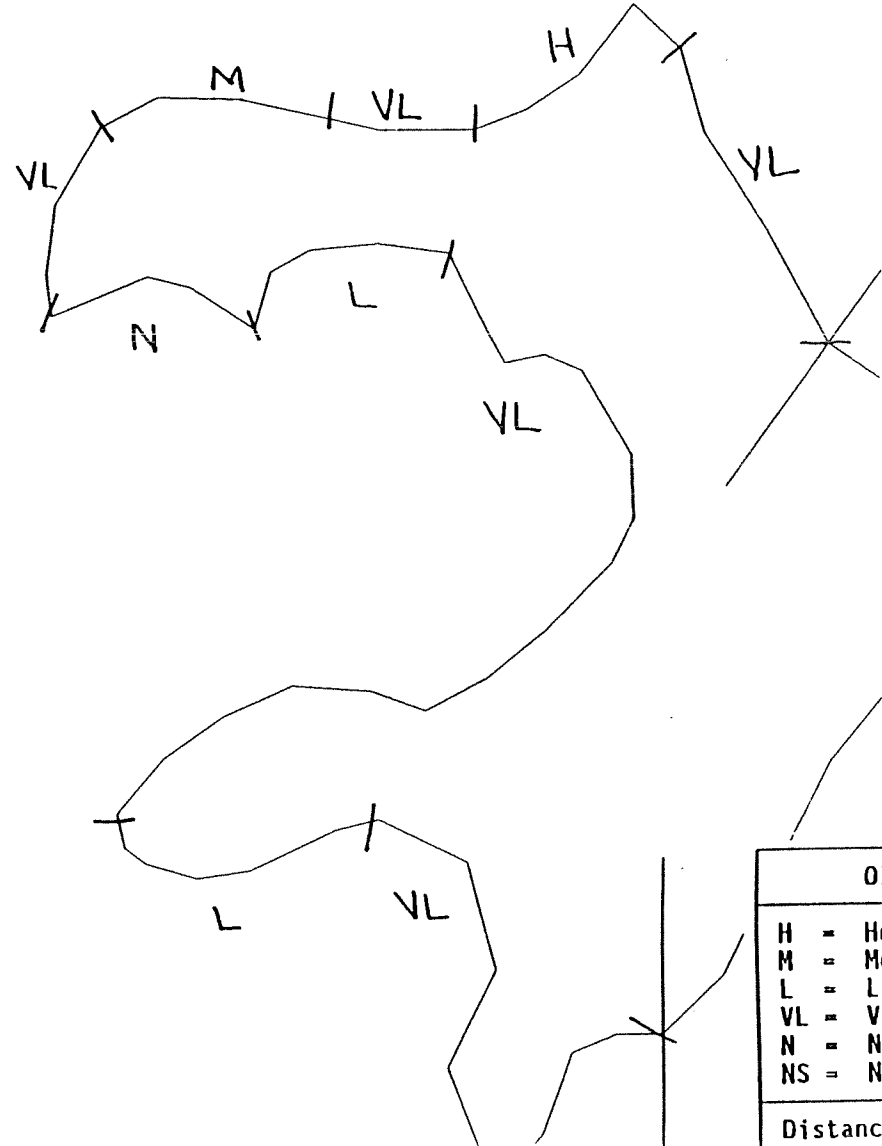
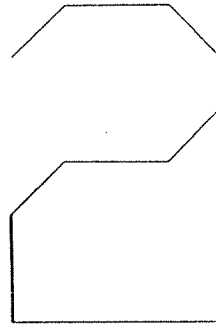
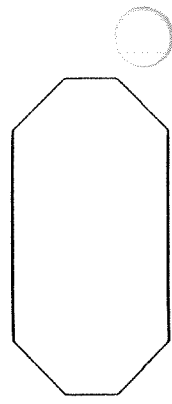
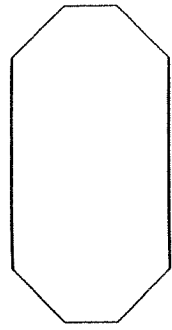
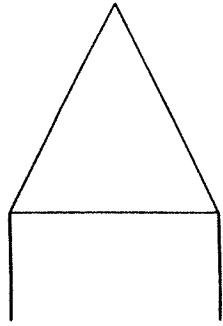
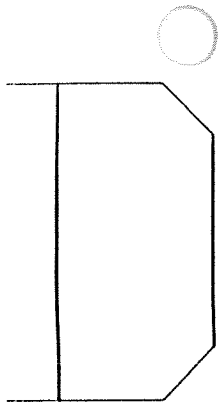
DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y

Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

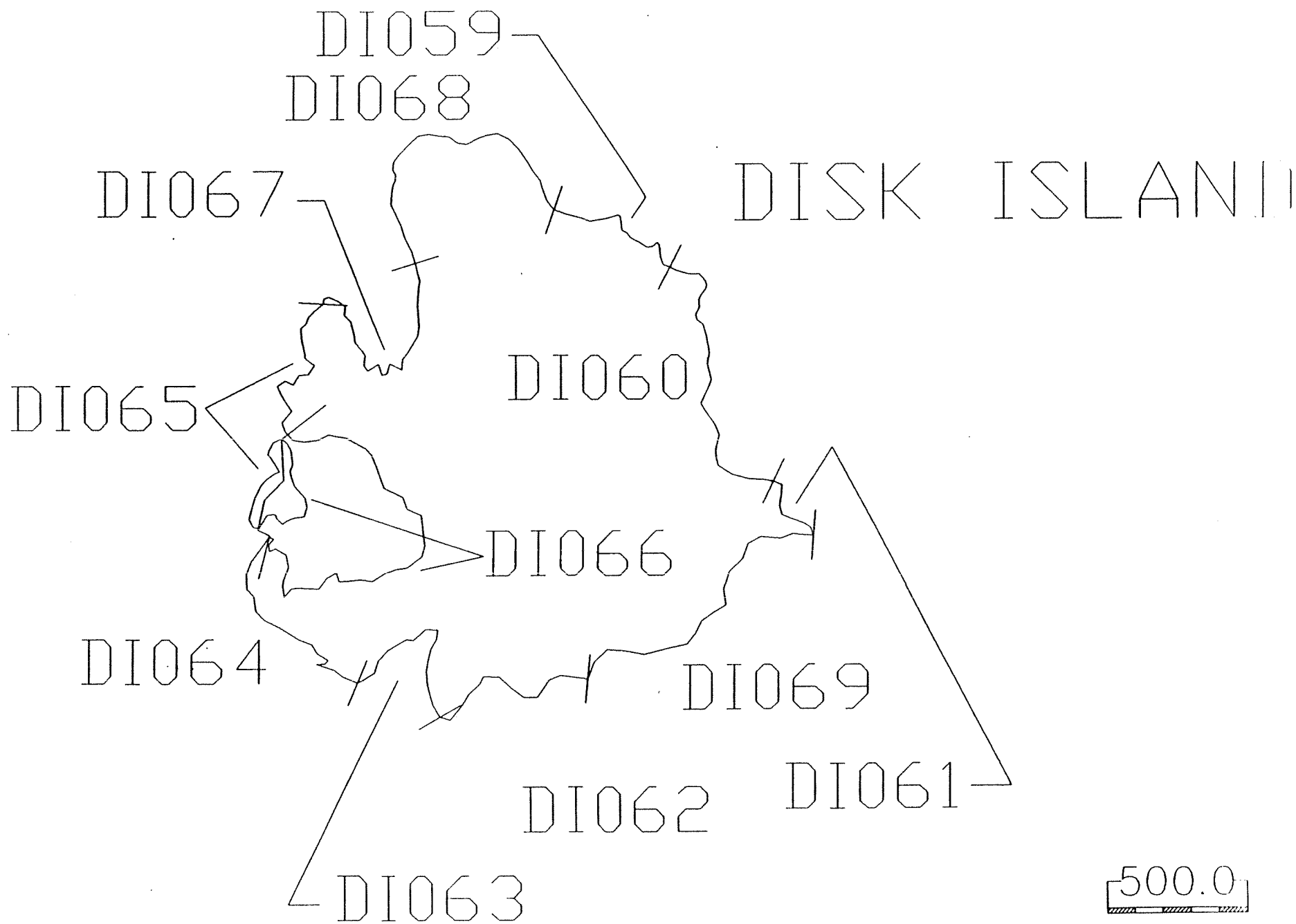
Type: One locality; sausage boom
 Bags Collected: 0



SECTION CONTENTS — DISK ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
D1059	NE DISK ISLAND
D1060	E DISK ISLAND
D1061	E DISK ISLAND
D1062	S DISK ISLAND
D1063	S DISK ISLAND
D1064	SW DISK ISLAND
D1065	LAGOON ON W DISK I.
D1066	W DISK ISLAND
D1067	NW DISK ISLAND
D1068	NW DISK ISLAND
D1069	SE DISK ISLAND

Printed: 12/12/89



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1059
 LOCATION: NE DISK ISLAND

DATE: 09/18/89
 TIME: 10:40

Survey Type: Boat, Ground
 Team: C. Pavia, G. Winter, J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 9:45 Feet: 0.54 High Tide: 15:53 Feet: 14.5
 Low Tide: 22:25 Feet: -1.9 High Tide: 3:54 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

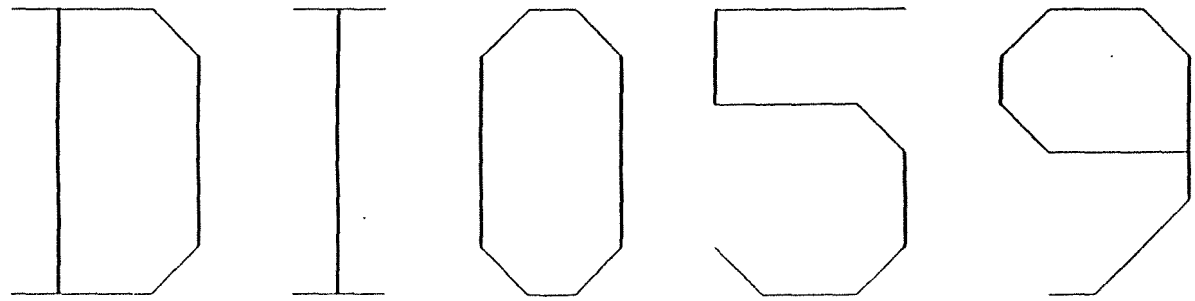
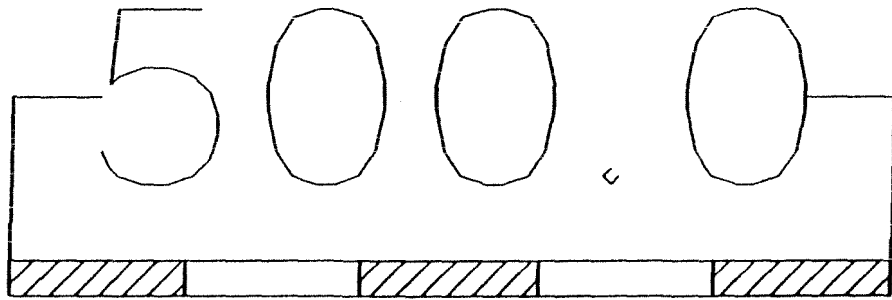
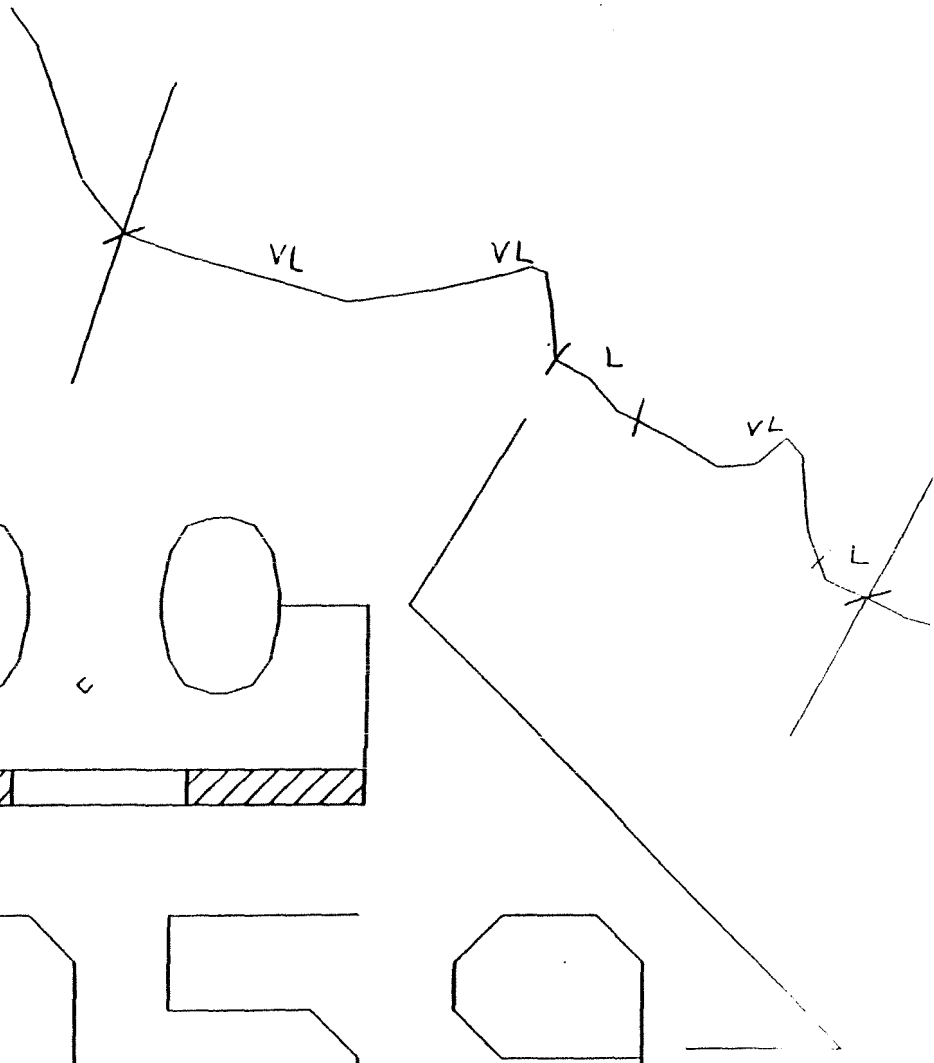
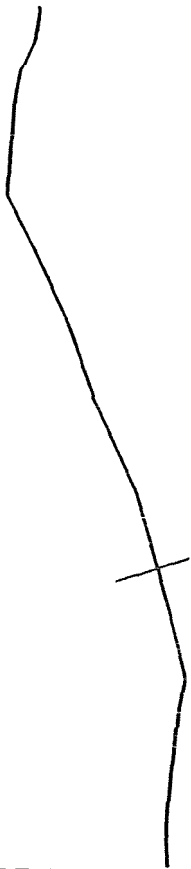
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Flagging

Bags Collected: 0



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



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1060
 LOCATION: E DISK ISLAND

DATE: 09/18/89
 TIME: 9:45

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, C. Pavia, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 9:45 Feet: 0.54 High Tide: 15:53 Feet: 14.5
 Low Tide: 22:25 Feet: -1.9 High Tide: 3:54 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 1 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: D1060-1 / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

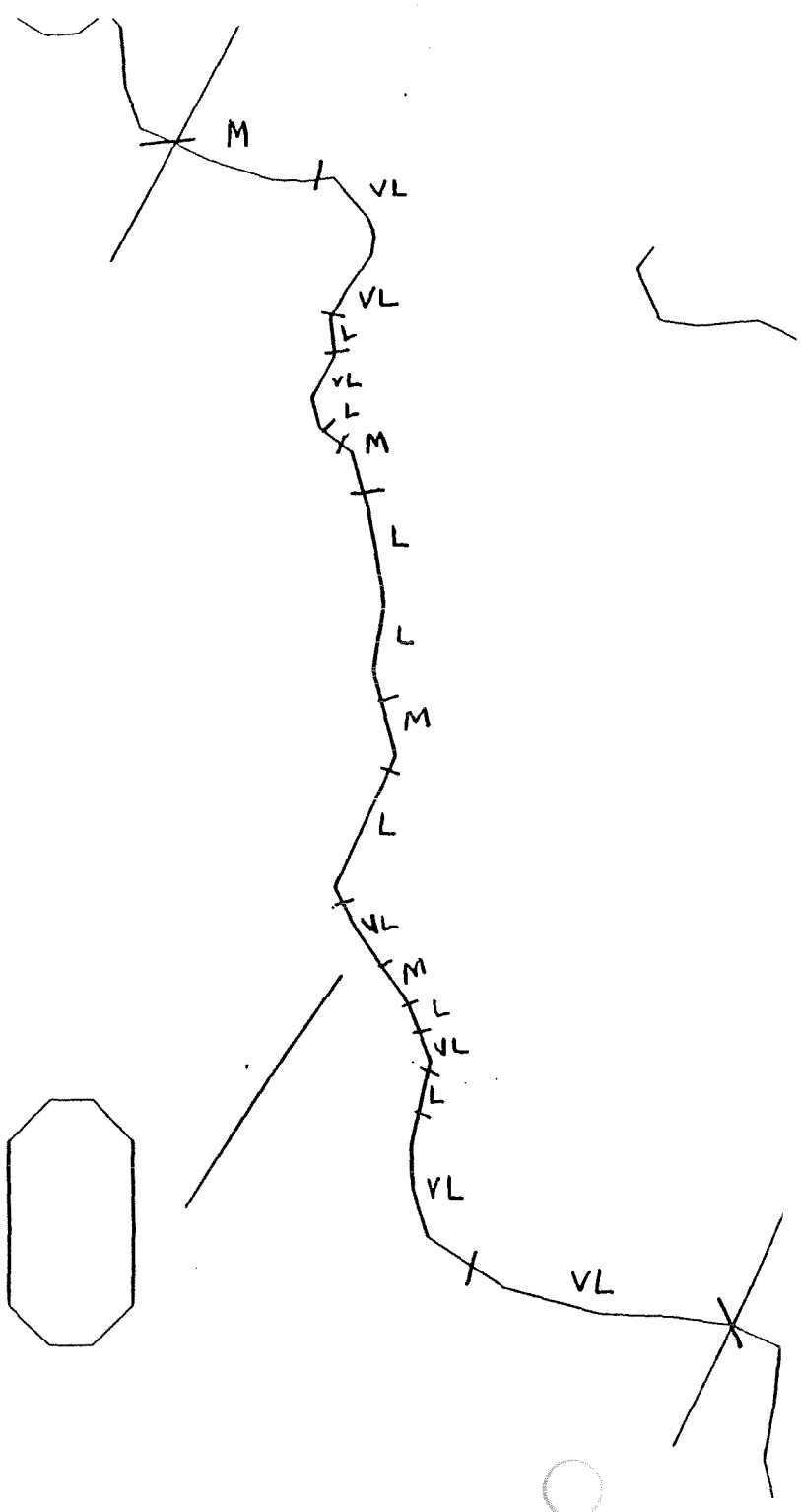
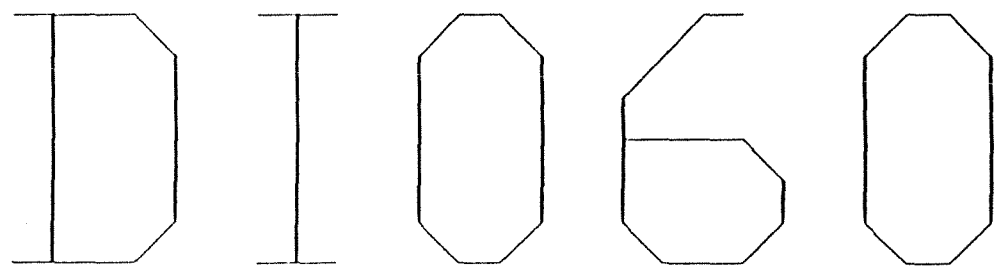
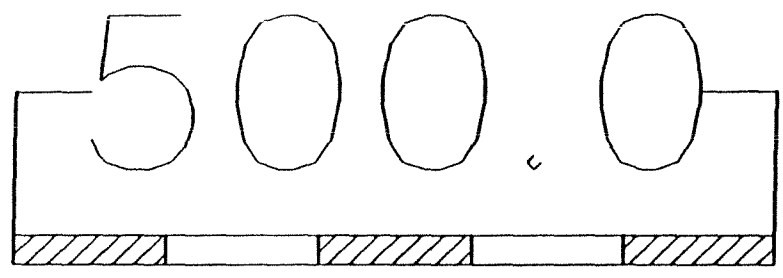
Type: None

Bags Collected: 0

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



ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1061
 LOCATION: E DISK ISLAND

DATE: 09/18/89
 TIME: 9:41

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, G. Winter, C. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 9:45 Feet: 0.54 High Tide: 15:53 Feet: 14.5
 Low Tide: 22:25 Feet: -1.9 High Tide: 3:54 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

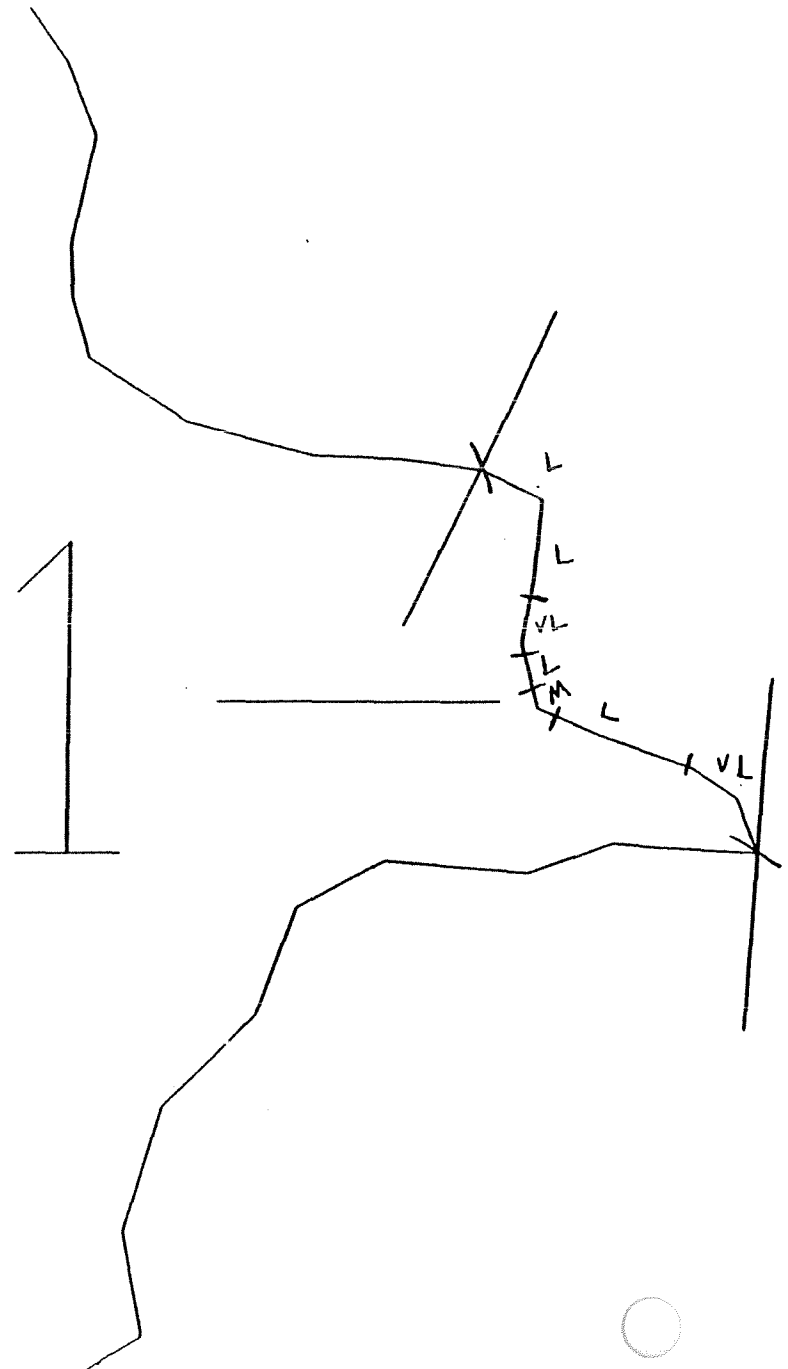
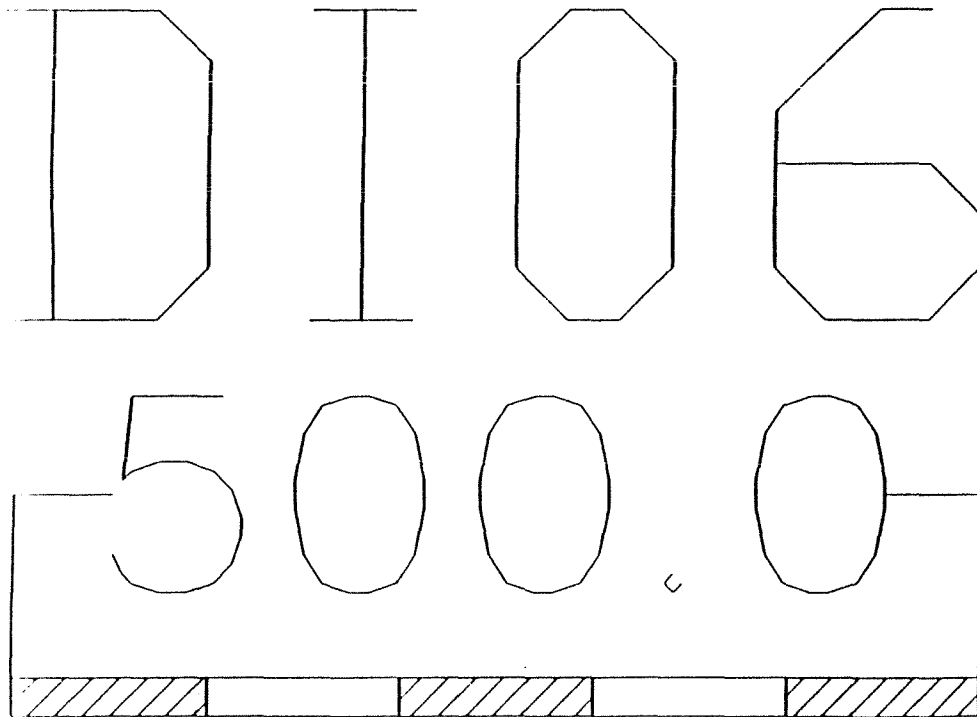
SOLID WASTE FOUND

Type: None
 Bags Collected: 0

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



ADEC Sep/Oct 1989 Survey



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1062
 LOCATION: S DISK ISLAND

DATE: 09/17/89
 TIME: 19:12

Survey Type: Boat, Ground
 Team: G. Winter, C. Pavia, K. Dutcher, J. Krieger

WEATHER AND SEA CONDITIONS

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

Low Tide: 9:06 Feet: -0.5 High Tide: 15:17 Feet: 14.5
 Low Tide: 21:38 Feet: -2.1 High Tide: 3:08 Feet: 13.2

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 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: 100%
 Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: D1060-1 / D1060-2 / none / none

DAMAGED OR OILED ORGANISMS

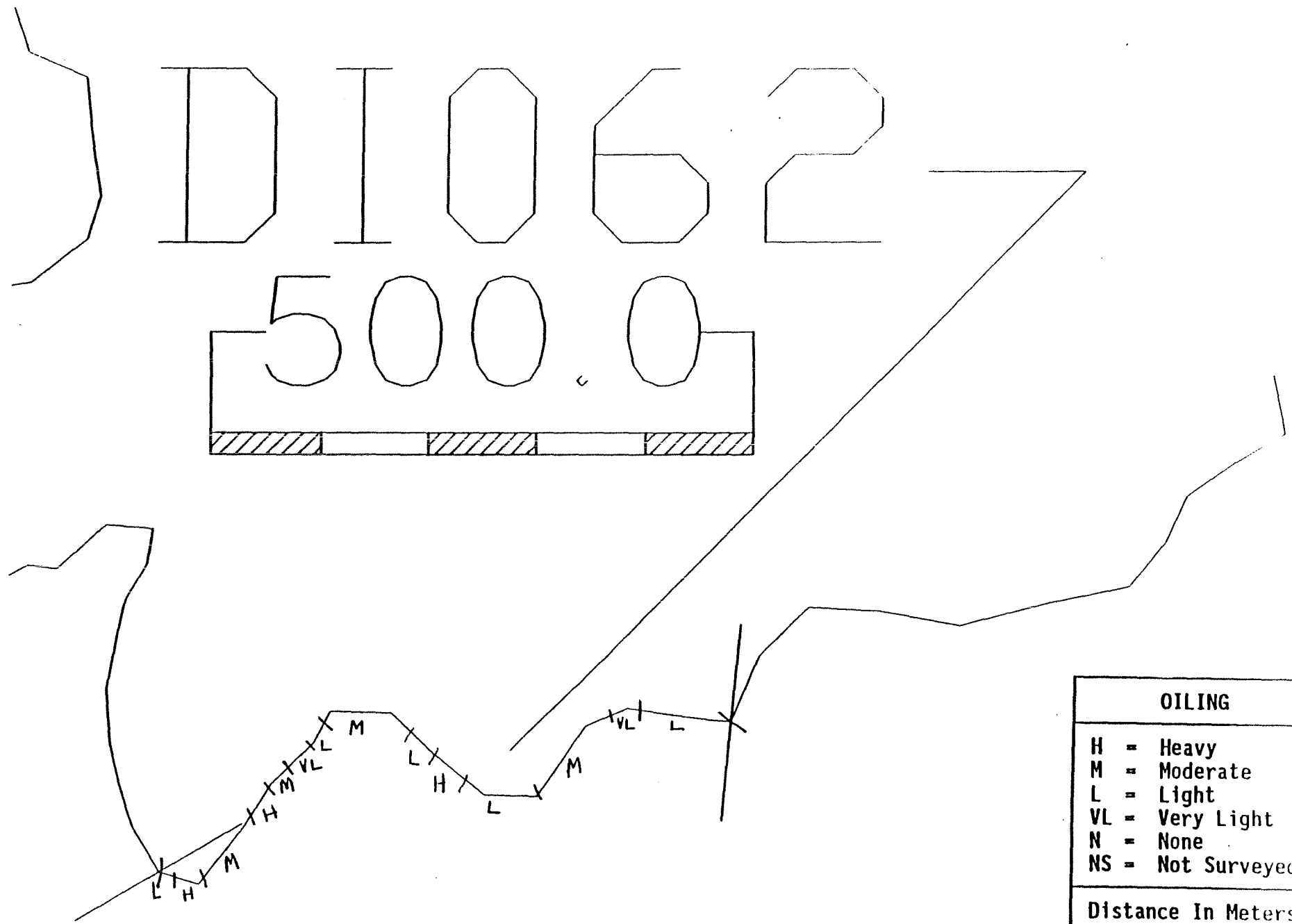
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: few localities, cleanup debris, garbage
 Bags Collected: 0

DI062

500.0



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters



ADEC Sep/Oct 1989 Survey

AGEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1063
 LOCATION: S DISK ISLAND

DATE: 09/17/89
 TIME: 10:56

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, C. Pavia, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 9:06 Feet: -0.5 High Tide: 15:17 Feet: 14.5
 Low Tide: 21:38 Feet: -2.1 High Tide: 3:08 Feet: 13.2

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (H=high, M=moderate, L=low)

Shoreline Composition: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: 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: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: D1063-1 / D1063-2 / none / none

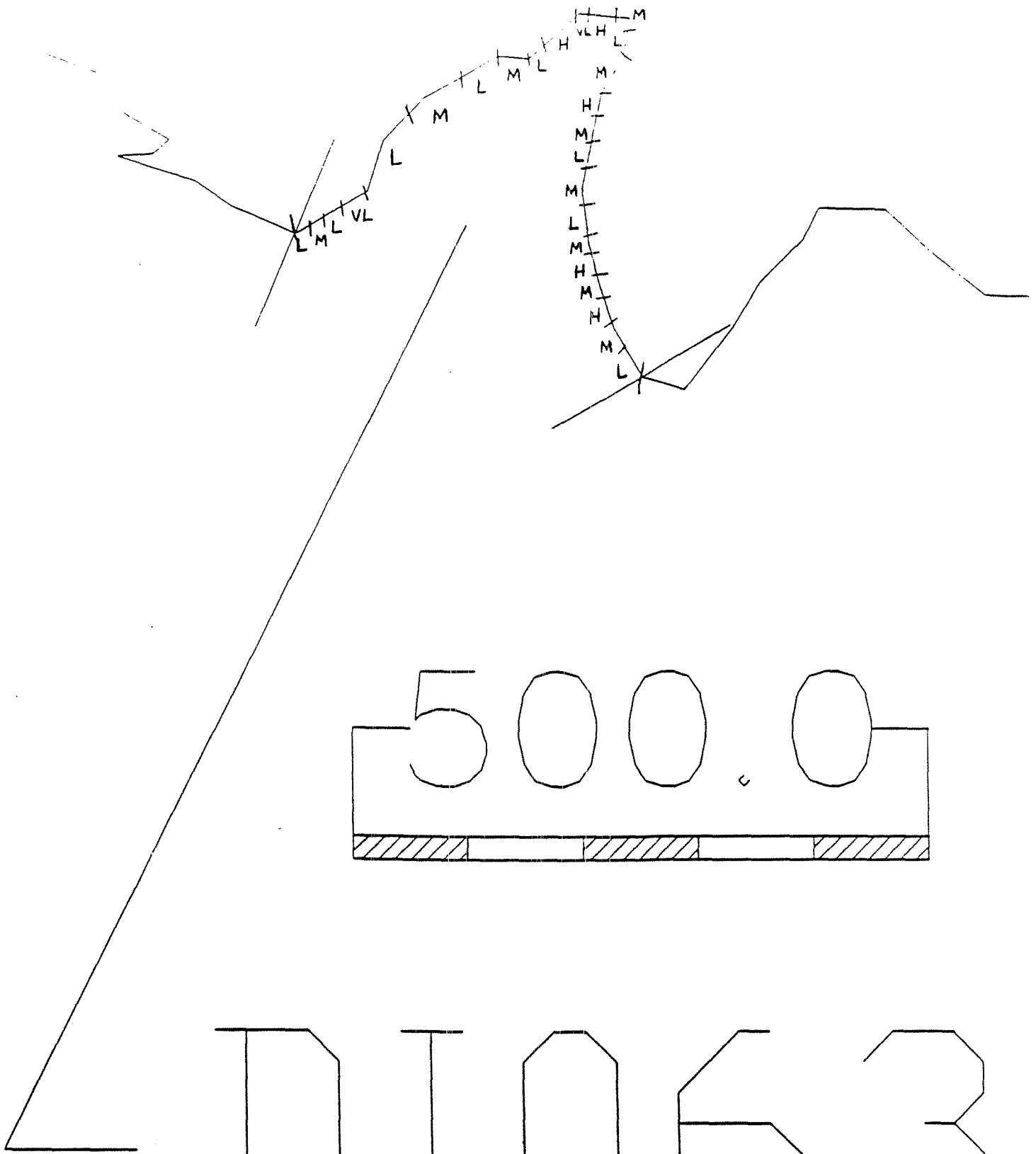
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality

Bags Collected: 1



D I O K E

OILING	
H	= Heavy
○	= Moderate
◌	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed
Distance In Meters	



AD-DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1064
 LOCATION: SW DISK ISLAND

DATE: 09/18/89
 TIME: 8:00

Survey Type: Boat, Ground
 Team: K. Dutcher, J. Krieger, C. Pavia, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 9:45 Feet: 0.54 High Tide: 15:53 Feet: 14.5
 Low Tide: 22:25 Feet: -1.9 High Tide: 3:54 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

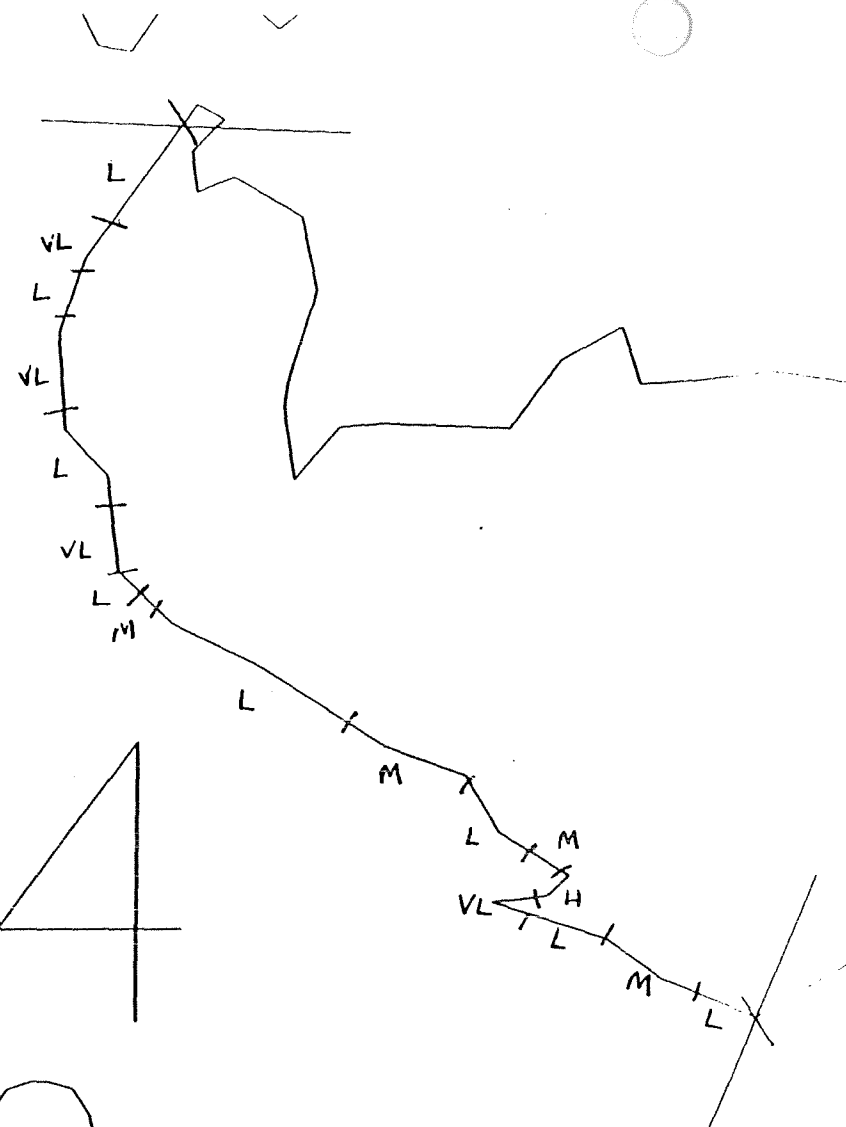
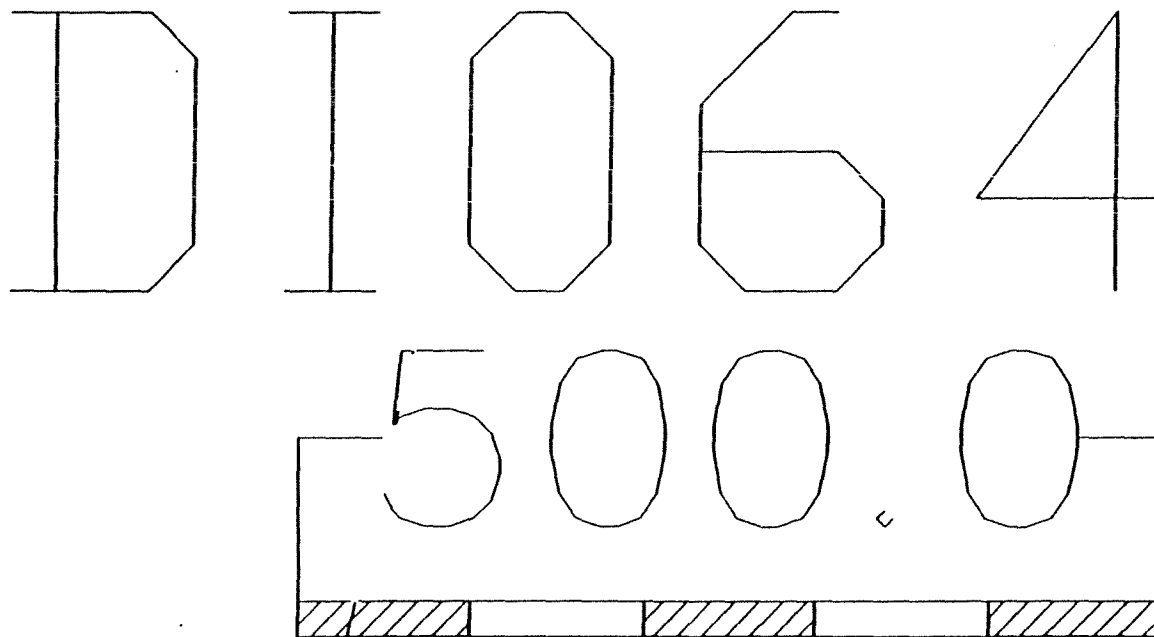
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0



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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1065 DATE: 09/17/89
LOCATION: LAGOON ON W DISK I. TIME: 9:00

Survey Type: Boat, Ground
Team: C. Pavia, G. Winter, K. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

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

Low Tide: 9:06 Feet: -0.5 High Tide: 15:17 Feet: 14.5
Low Tide: 21:38 Feet: -2.1 High Tide: 3:08 Feet: 13.2

SHORELINE DESCRIPTION

Shoretypes: LR,B,C,L
(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
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
(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: 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: 90%
Presence of Oiled Driftwood (y/n): n
Oil Types: M,SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

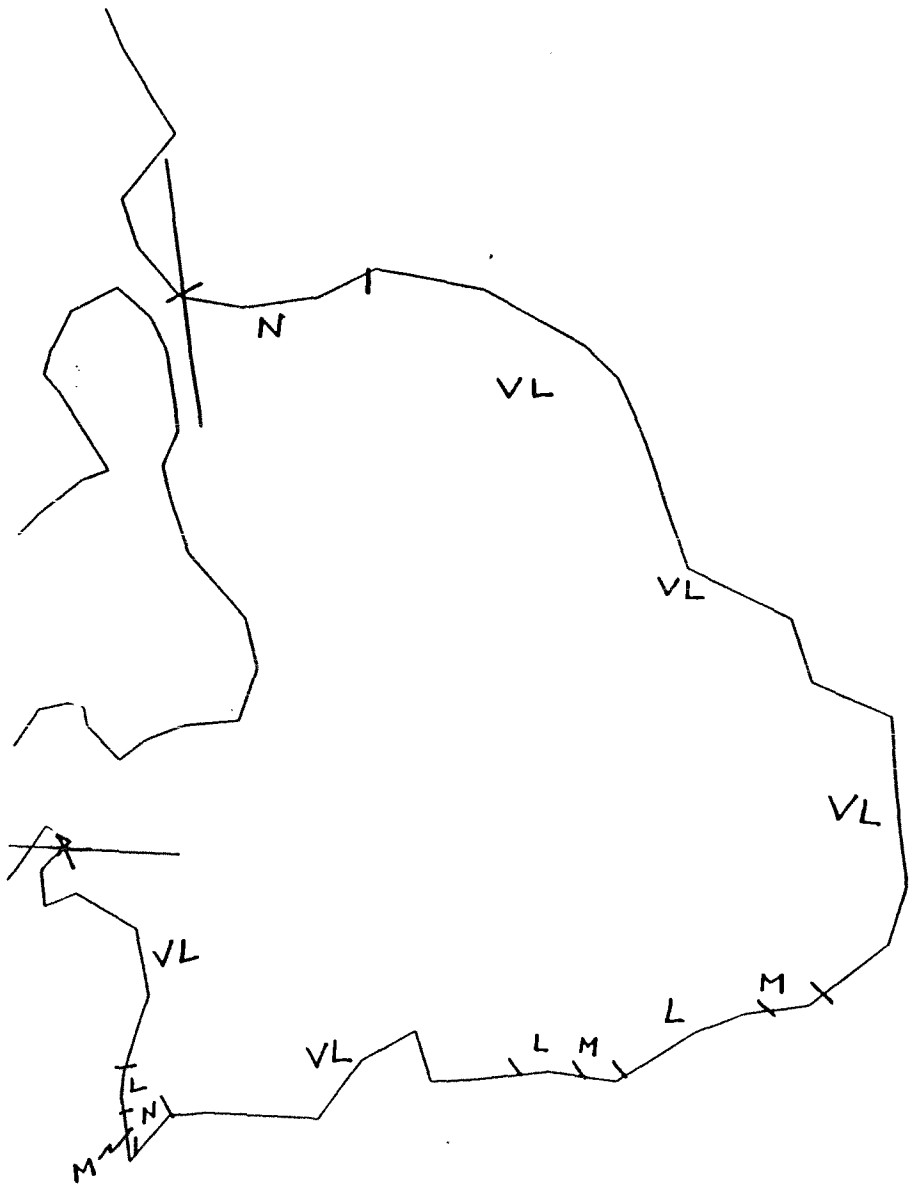
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

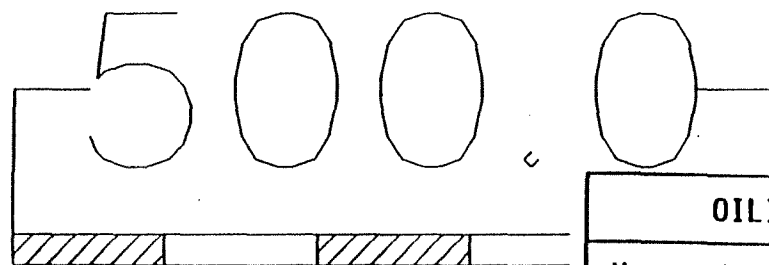
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, cleanup debris
Bags Collected: 1



DI065



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1066
 LOCATION: W DISK ISLAND

DATE: 09/17/89
 TIME: 9:00

Survey Type: Boat, Ground
 Team: C. Pavia, G. Winter, K. Dutcher, J. Kreiger

WEATHER AND SEA CONDITIONS

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

Low Tide: 9:06 Feet: -0.5 High Tide: 15:17 Feet: 14.5
 Low Tide: -0- Feet: -0- High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: H,B
 (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: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M,H
 (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: 4 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): -
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: D1065-1 / D1065-2 / none / none

DAMAGED OR OILED ORGANISMS

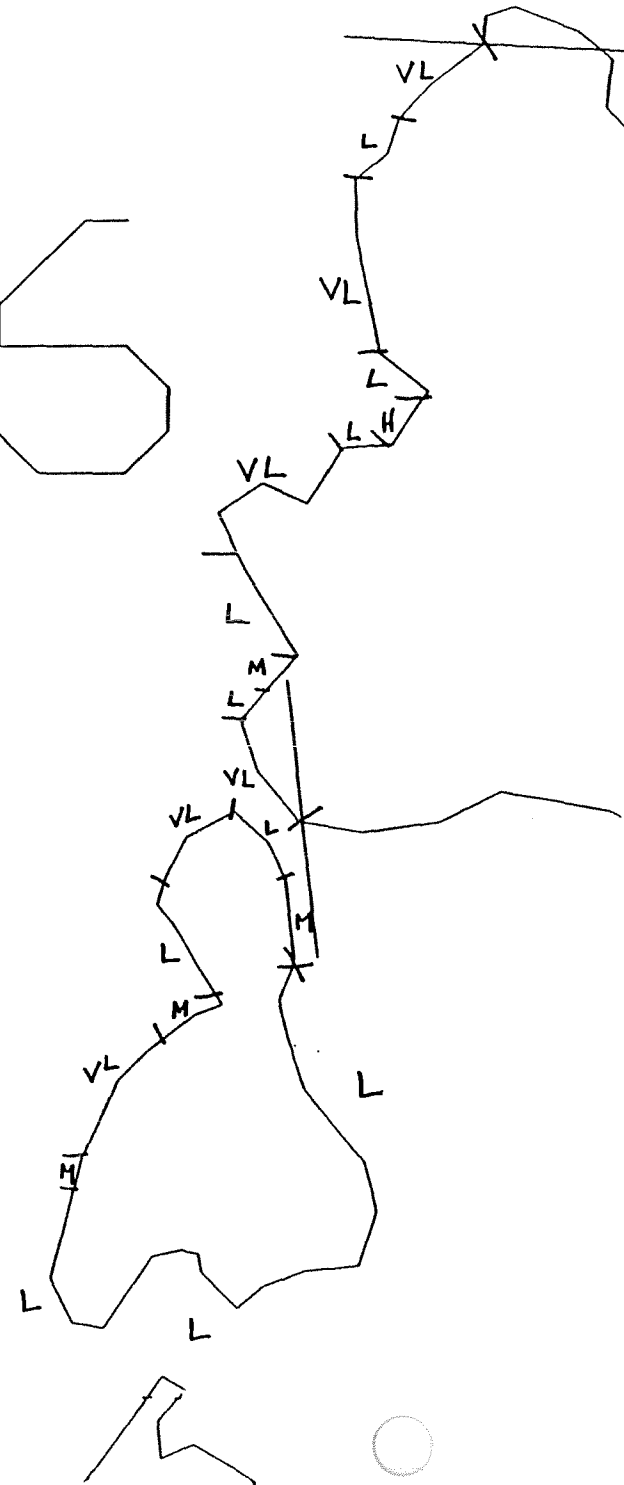
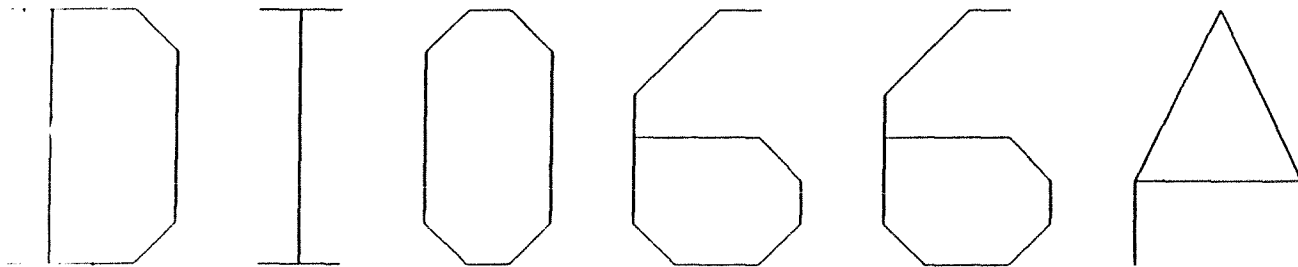
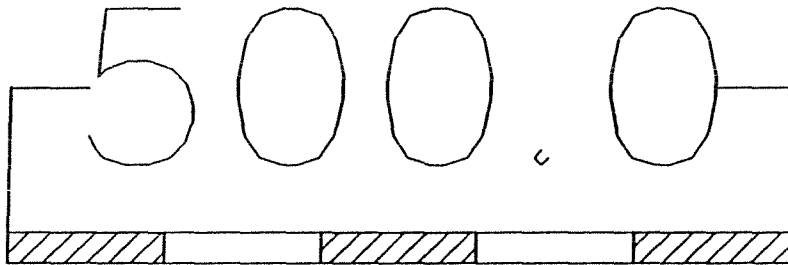
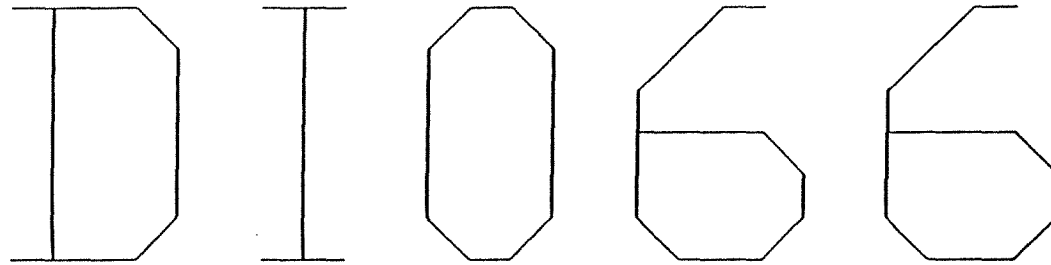
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, cleanup debris
 Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1067
 LOCATION: NW DISK ISLAND

DATE: 09/16/89
 TIME: 11:30

Survey Type: Boat, Ground
 Team: C. Pavia G. Winter, J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

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

Low Tide: 8:28 Feet: -1.1 High Tide: 14:42 Feet: 14.
 Low Tide: 20:53 Feet: -1.8 High Tide: 2:23 Feet: 13.5

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M,H
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H,M,L
 (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: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: D1067-1 / D1067-2 / none / none

DAMAGED OR OILED ORGANISMS

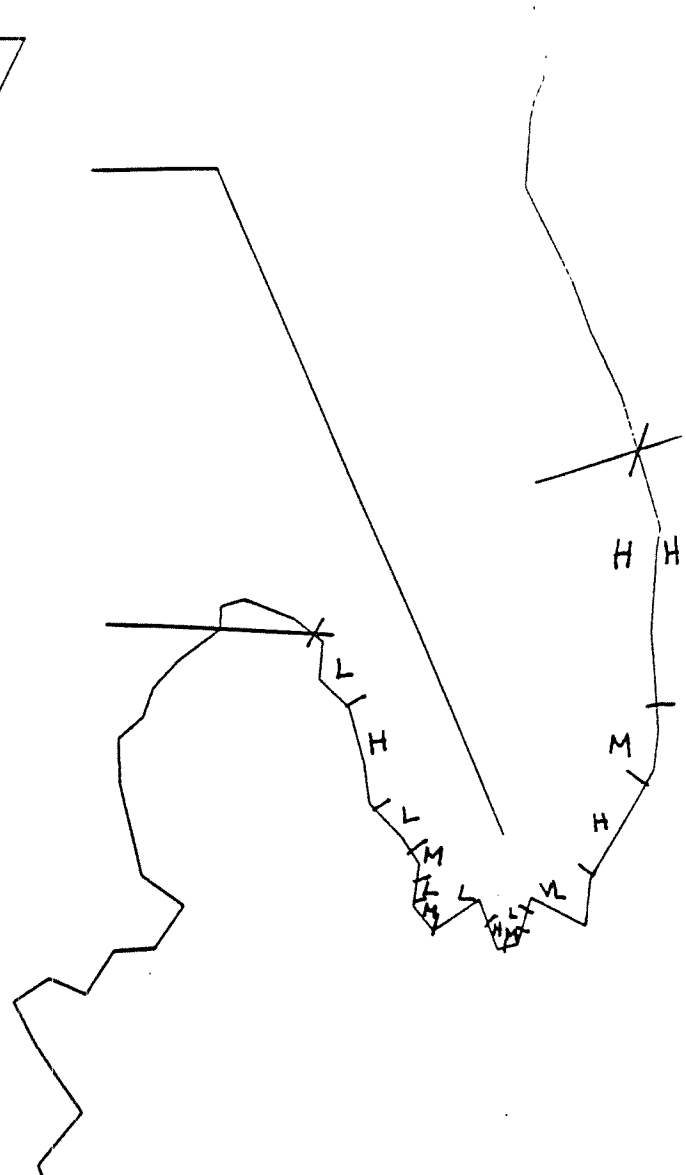
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

DI067

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: DI068
 LOCATION: NW DISK ISLAND

DATE: 09/18/89
 TIME: 11:00

Survey Type: Boat, Ground
 Team: G. Winter, K. Dutcher, C. Pavia, J. Krieger

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 9:45 Feet: 0.54 High Tide: 15:53 Feet: 14.5
 Low Tide: 22:25 Feet: -1.9 High Tide: 3:54 Feet: 12.6

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: 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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: DI068-1 / DI068-2 / none / none

DAMAGED OR OILED ORGANISMS

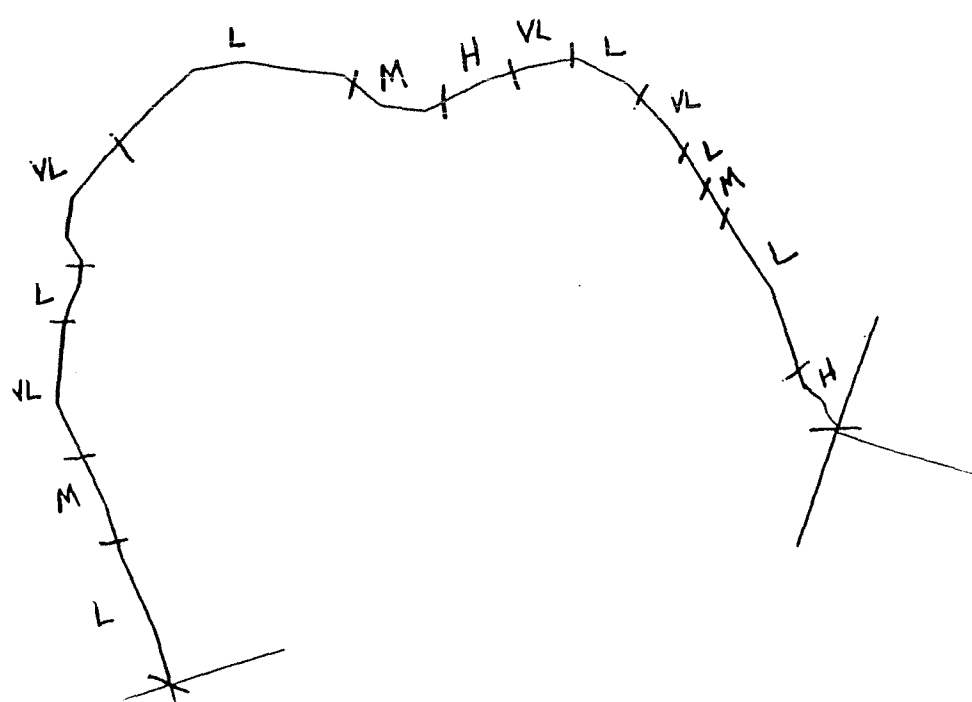
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Garbage, Paint Marks
 Bags Collected: 0

500.0

DIO68



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: D1069
 LOCATION: SE DISK ISLAND

DATE: 09/18/89
 TIME: 9:05

Survey Type: Boat, Ground
 Team: J. Krieger, C. Pavia, G. Winter, K. Dutcher

WEATHER AND SEA CONDITIONS

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

Low Tide: 9:45 Feet: 0.54 High Tide: 15:53 Feet: 14.5
 Low Tide: 22:25 Feet: -1.9 High Tide: 3:54 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 1 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

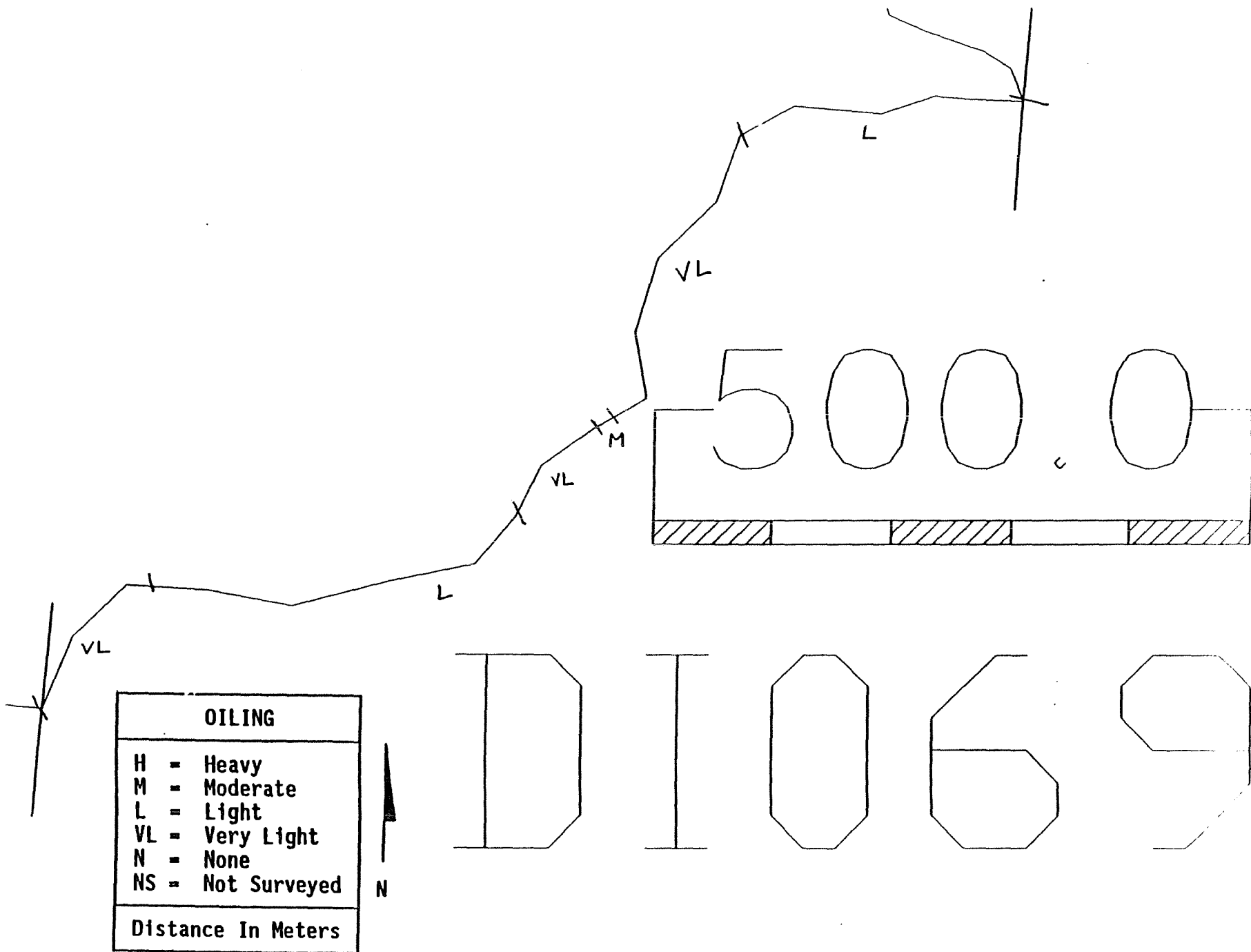
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0

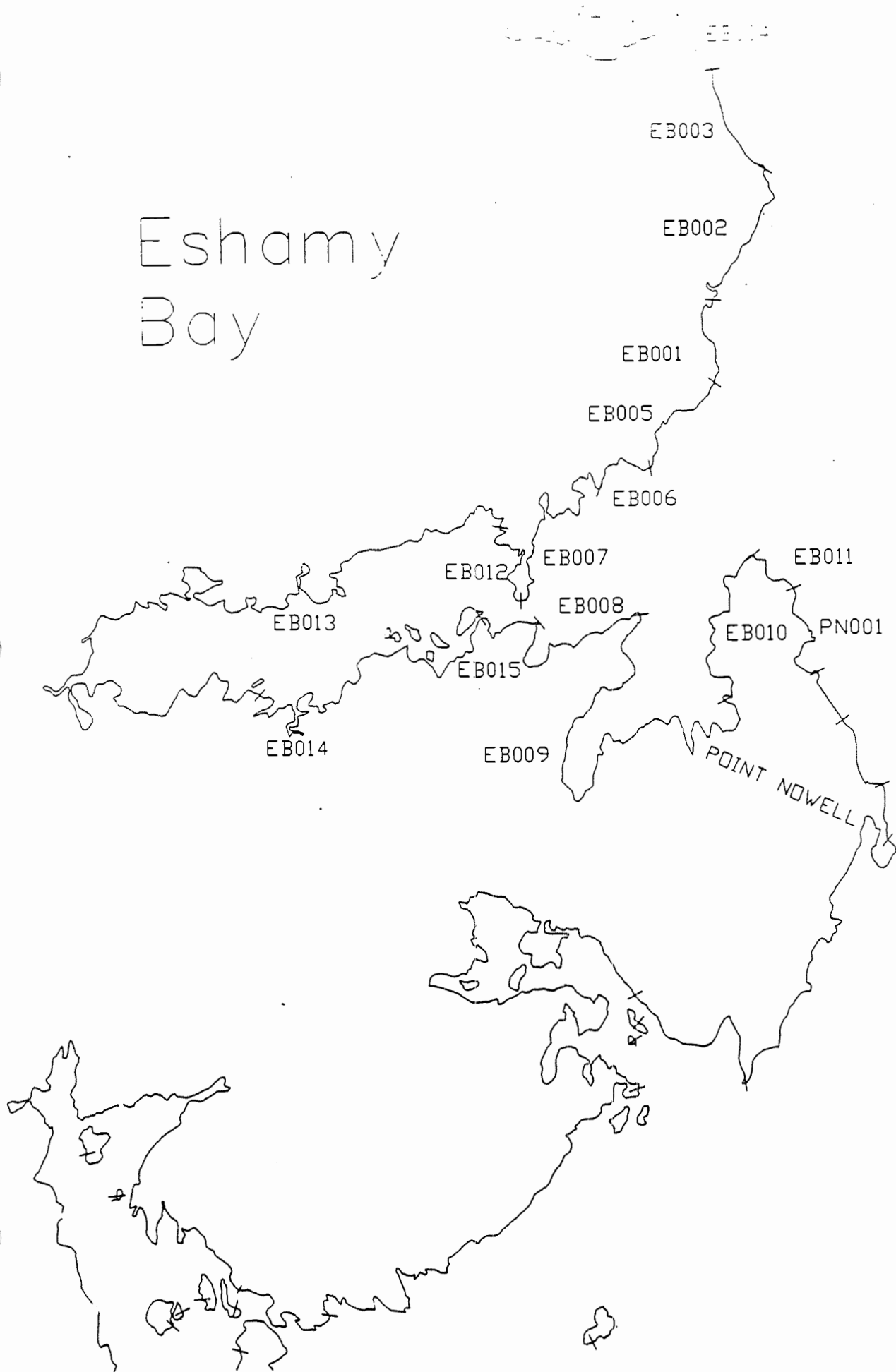


SECTION CONTENTS — ESHAMY BAY

<u>SEGMENT#</u>	<u>LOCATION</u>
EB001	N OF ESHAMY BAY
EB002	N OF ESHAMY BAY
EB003	N OF ESHAMY BAY
EB004	N OF ESHAMY BAY
EB005	N ESHAMY BAY
EB006	N ESHAMY BAY
EB007	N ESHAMY BAY
EB011	MAINLAND, S OF ESHAMY BAY

Printed: 12/12/89

Eshamy Bay



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB001
 LOCATION: N OF ESHAMY BAY

DATE: 09/11/89
 TIME: 13:30

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Fog Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
 Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION

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

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

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 8 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 60%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EB001-1 / EB001-2 / none / none

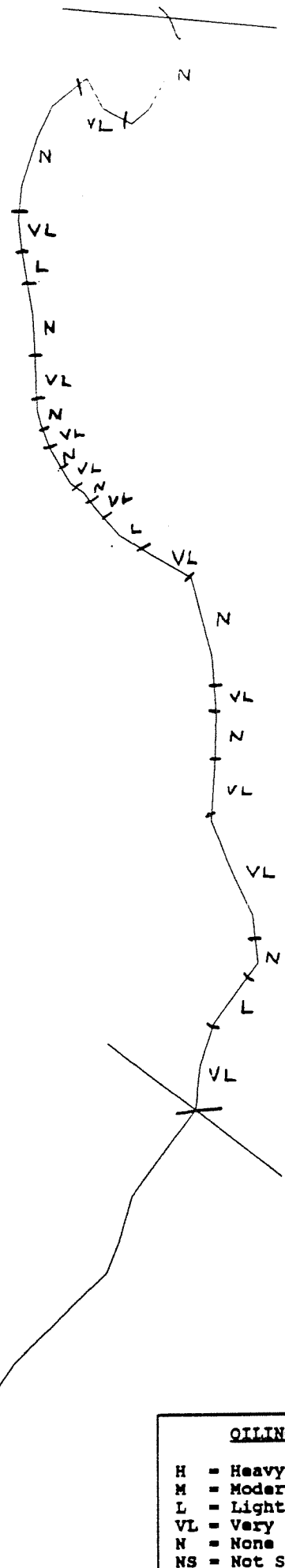
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

EB0001

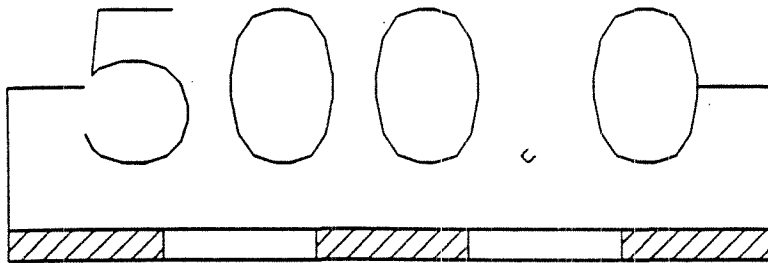


OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters



ADEC Sep/Oct 1989 Survey



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB002
LOCATION: N OF ESHAMY BAY

DATE: 10/11/89
TIME: 15:05

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

WEATHER AND SEA CONDITIONS

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

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

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,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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 5%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

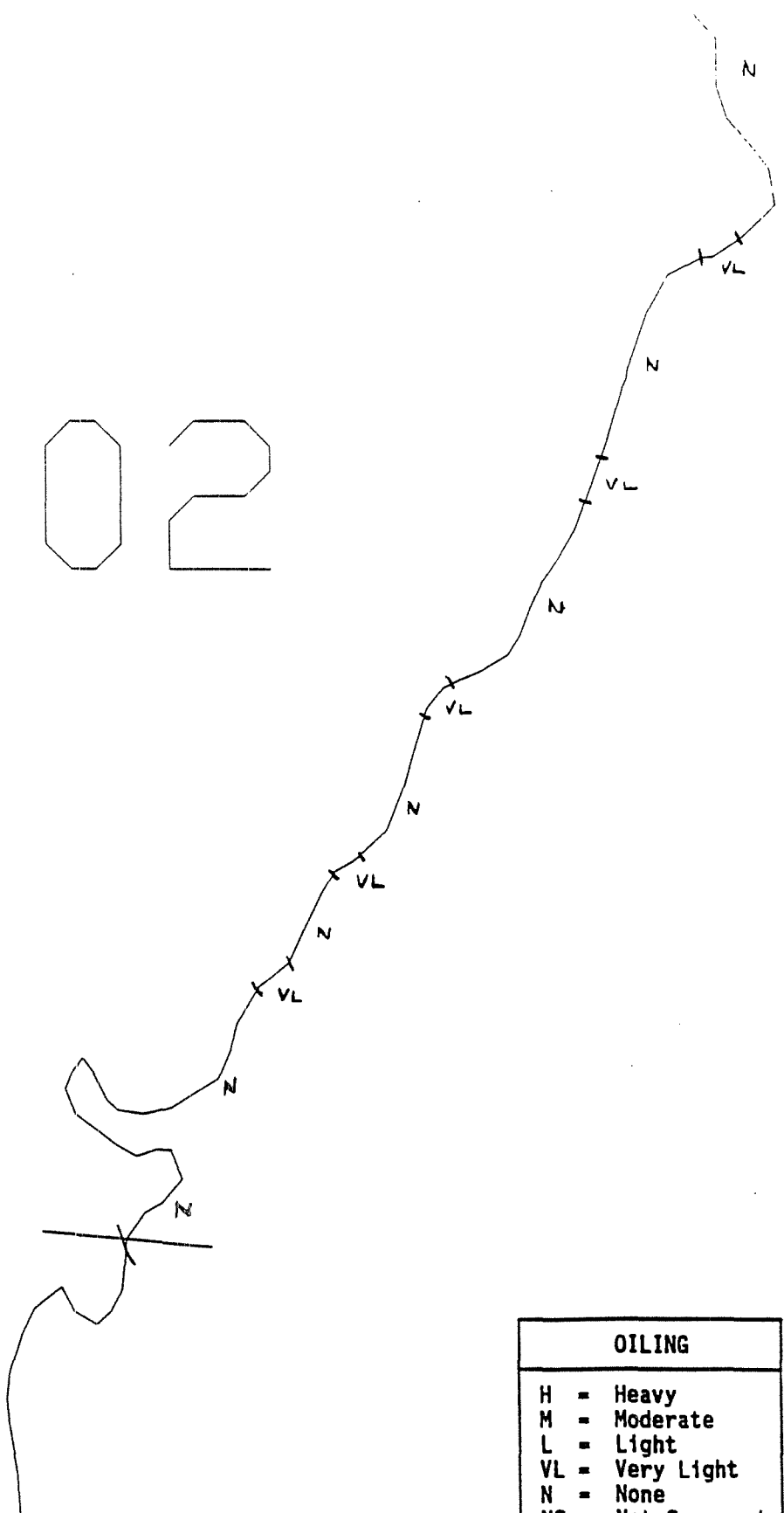
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

EB002

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB003
 LOCATION: N OF ESHAMY BAY

DATE: 09/11/89
 TIME: 16:00

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

WEATHER AND SEA CONDITIONS

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

Low Tide: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
 Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION

Shoretupes: H,LR,B
 (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
 (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: M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 4 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

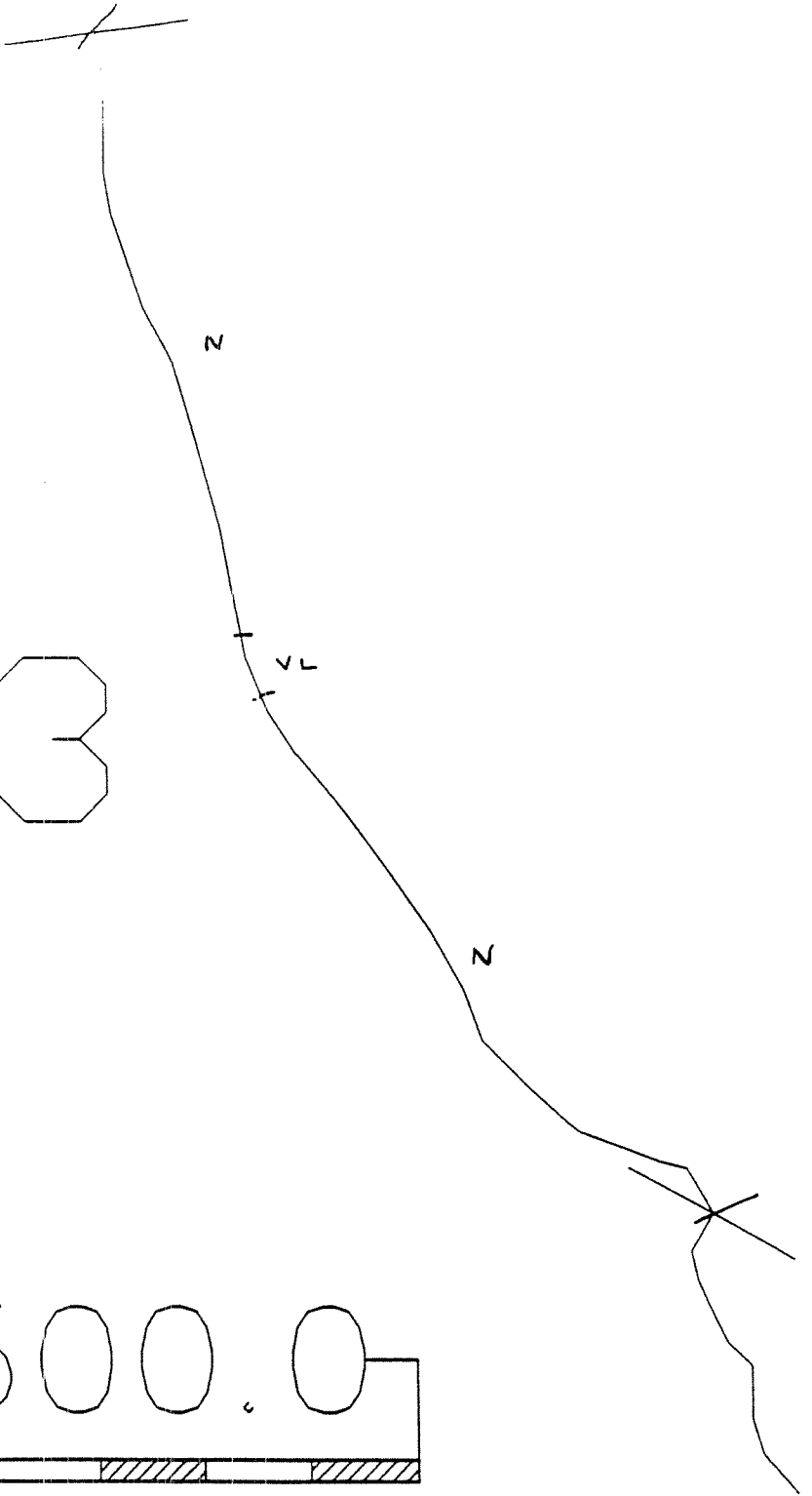
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, Cleanup Debris
 Bags Collected: 0

EB003

500.0



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB004
 LOCATION: N OF ESHAMY BAY

DATE: 09/11/89
 TIME: 17:20

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: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
 Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION

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

Wave Exposure: M (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,M
 (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: 1 cm (35 = 35 cm or greater)

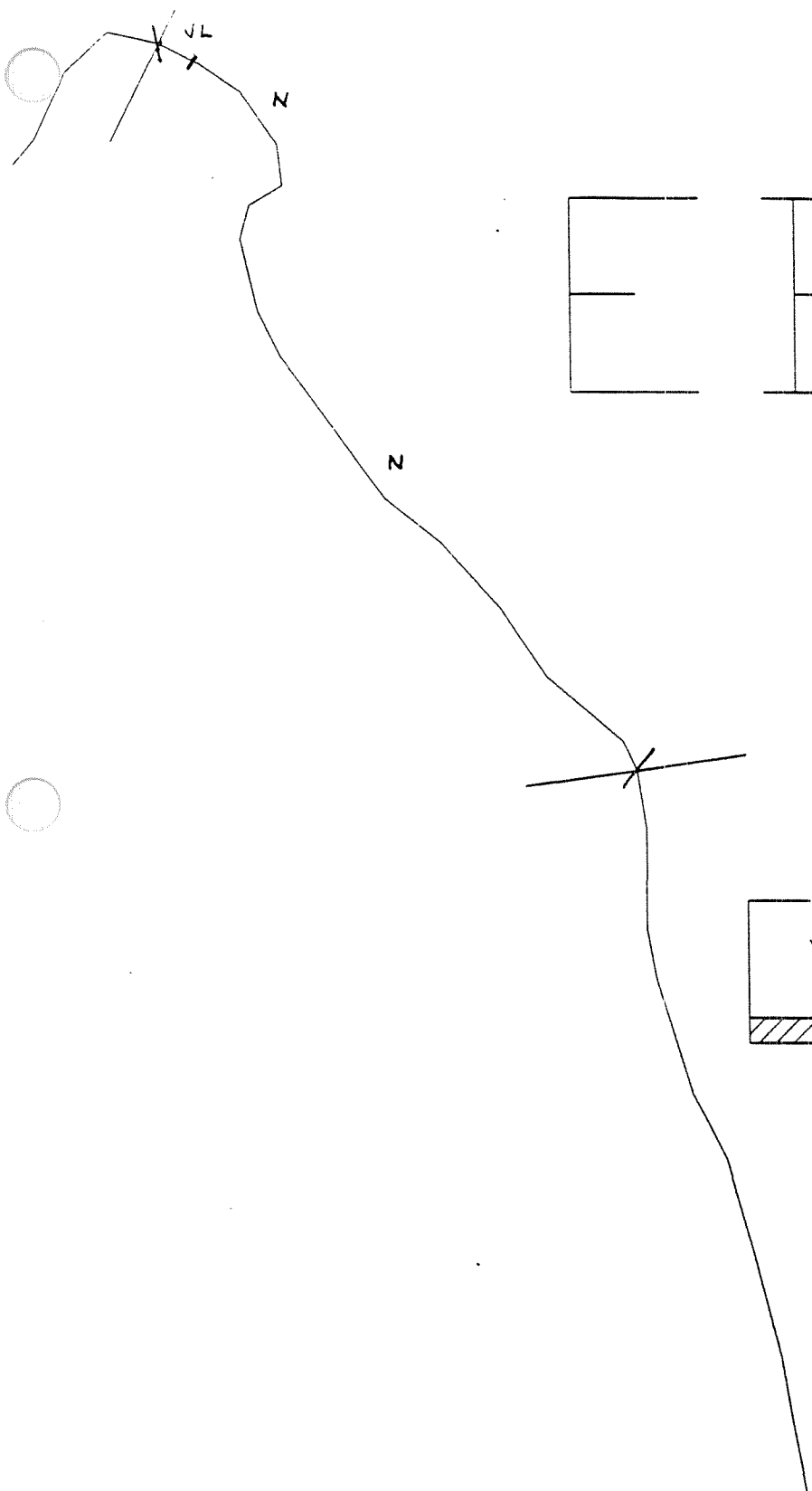
Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



E B 0 0 4

5 0 0 . 0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB005
LOCATION: N ESHAMY BAY

DATE: 09/11/89
TIME: 15:30

Survey Type: Boat, Ground
Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy
Sea State: Calm

Wind Direction: NE
Knots: 0-15

Low Tide: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,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: 12 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 80%

Presence of Oiled Driftwood (y/n): n

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EB005-1 / EB005-2 / none / none

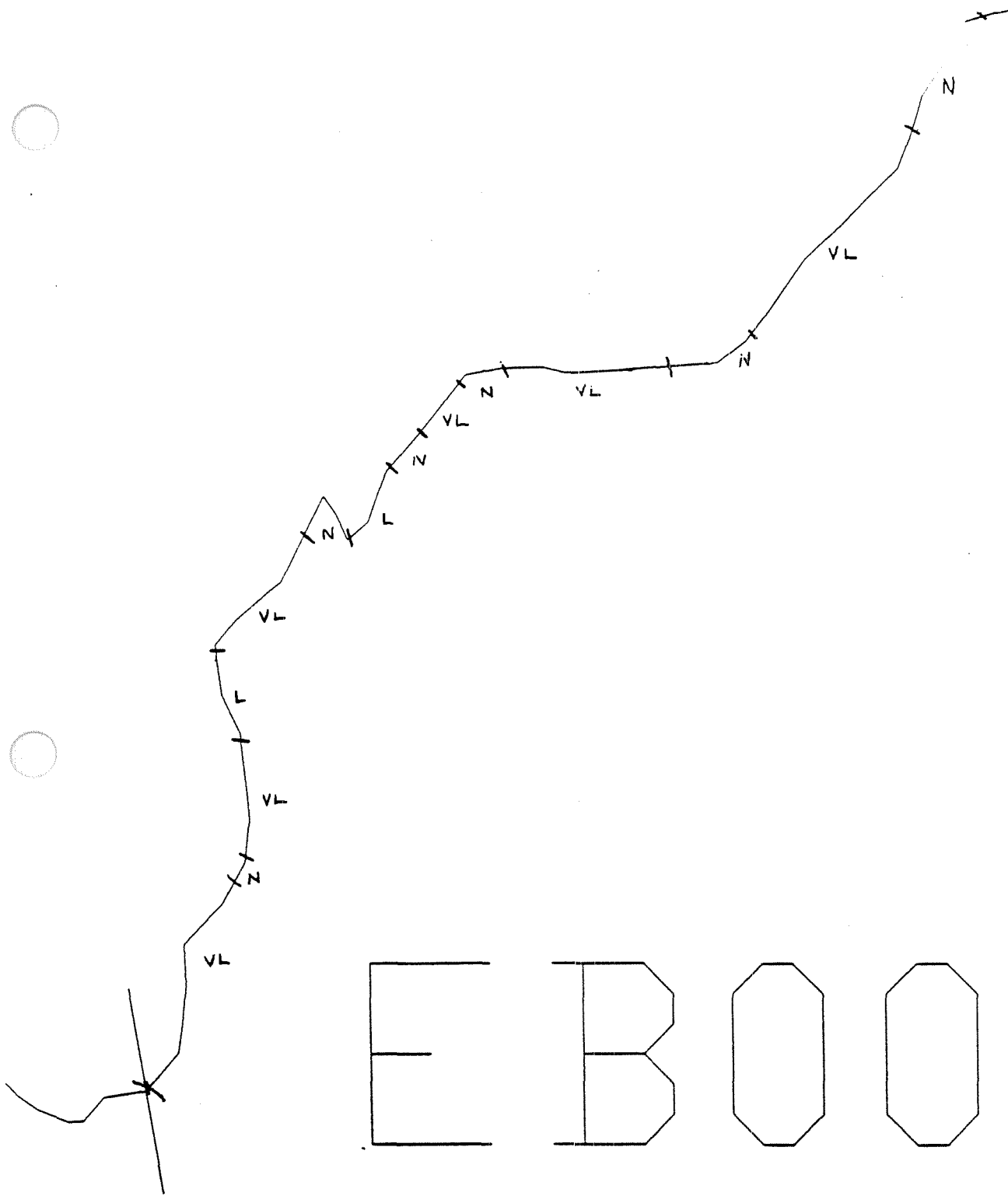
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0



EB0005

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: E8006
 LOCATION: N ESHAMY BAY

DATE: 09/11/89
 TIME: 16:30

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: NE
 Knots: 0-15

Low Tide: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
 Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 0 cm (35 = 35 cm or greater)

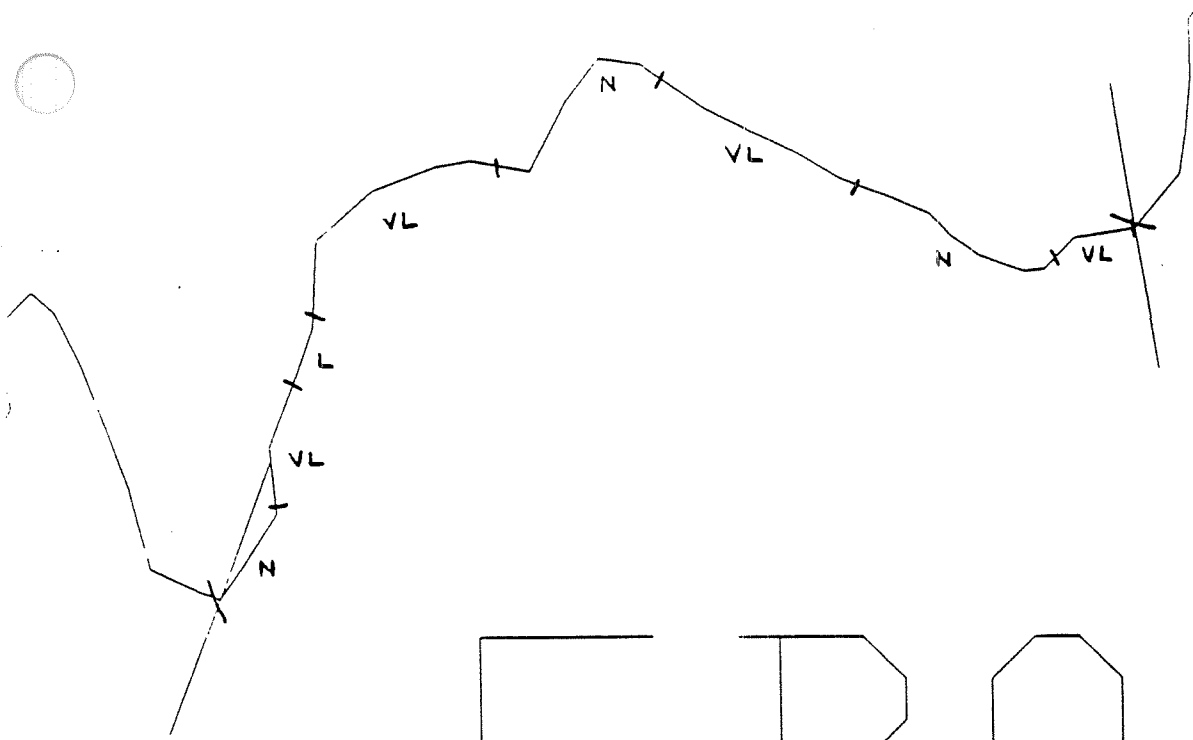
Percent Segment Categorized as Oiled: 80%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

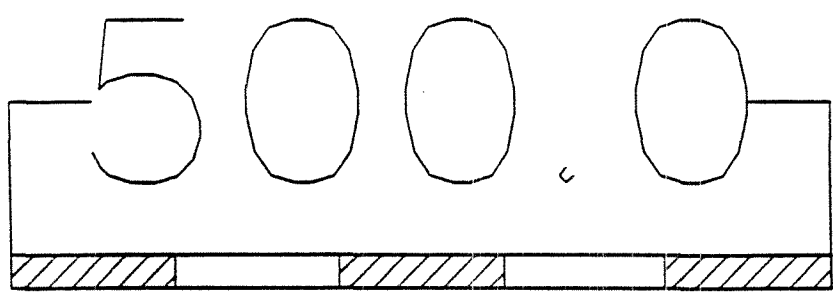
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, 55 gal. water platform assembly
 Bags Collected: 0



E B 0 0 E



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB007 DATE: 09/11/89
LOCATION: N ESHAMY BAY TIME: 19:30
Survey Type: Boat, Ground
Team: B. McCreedy, G. Pavia

WEATHER AND SEA CONDITIONS
Weather: Cloudy, Rain Wind Direction: 0
Sea State: Calm Knots: 0
Low Tide: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION
Shoretupes: H,LR,B,L
(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,M
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS
Degree of Oiling: M,VL
(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: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 50%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / 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: One locality
Bags Collected: 0



EB007

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EB011

DATE: 09/12/89

LOCATION: MAINLAND, S OF ESHAMY BAY

TIME: 7:50

Survey Type: Ground

Team: J. DeRuyter, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy

Wind Direction: NE

Sea State: Moderate

Knots: 0-15

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

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

Wave Exposure: H,M (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,L,M,H

(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: 4 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 80%

Presence of Oiled Driftwood (y/n): n

Oil Types: P,M,SY

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EB011-1 / EB011-2 / 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

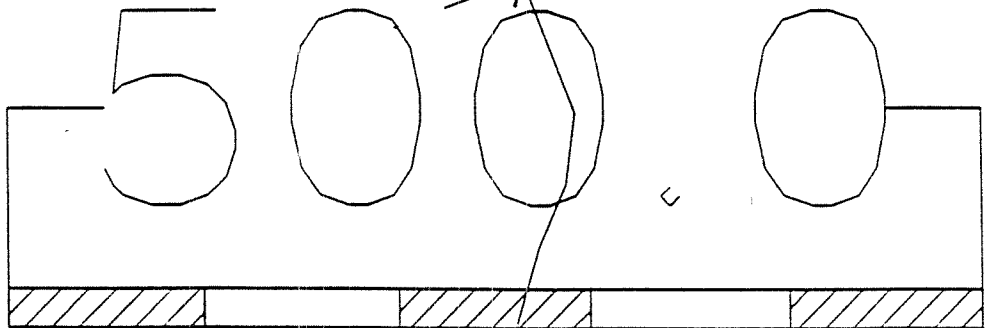
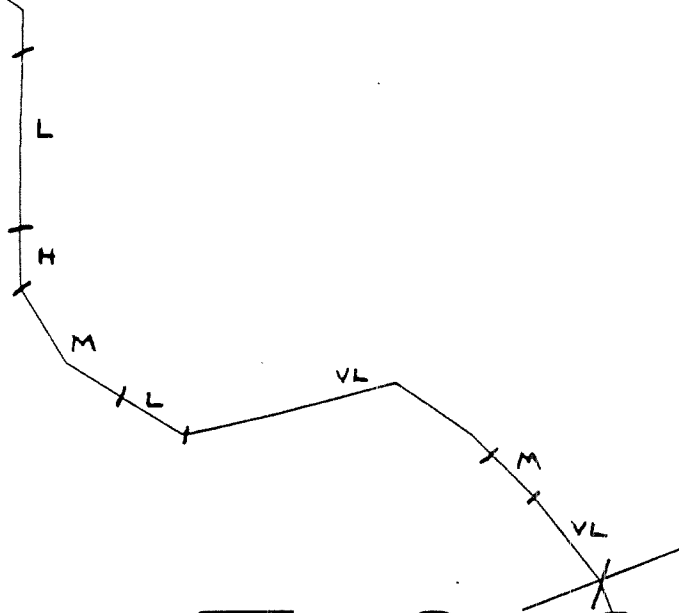
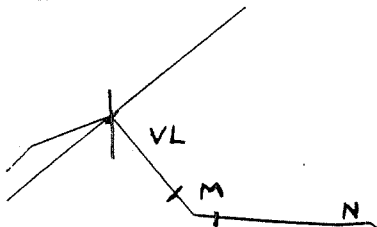
Type: One locality, Cleanup debris

Bags Collected: 0

Draft

Printed: 12/12/89 11:08

E B U I



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

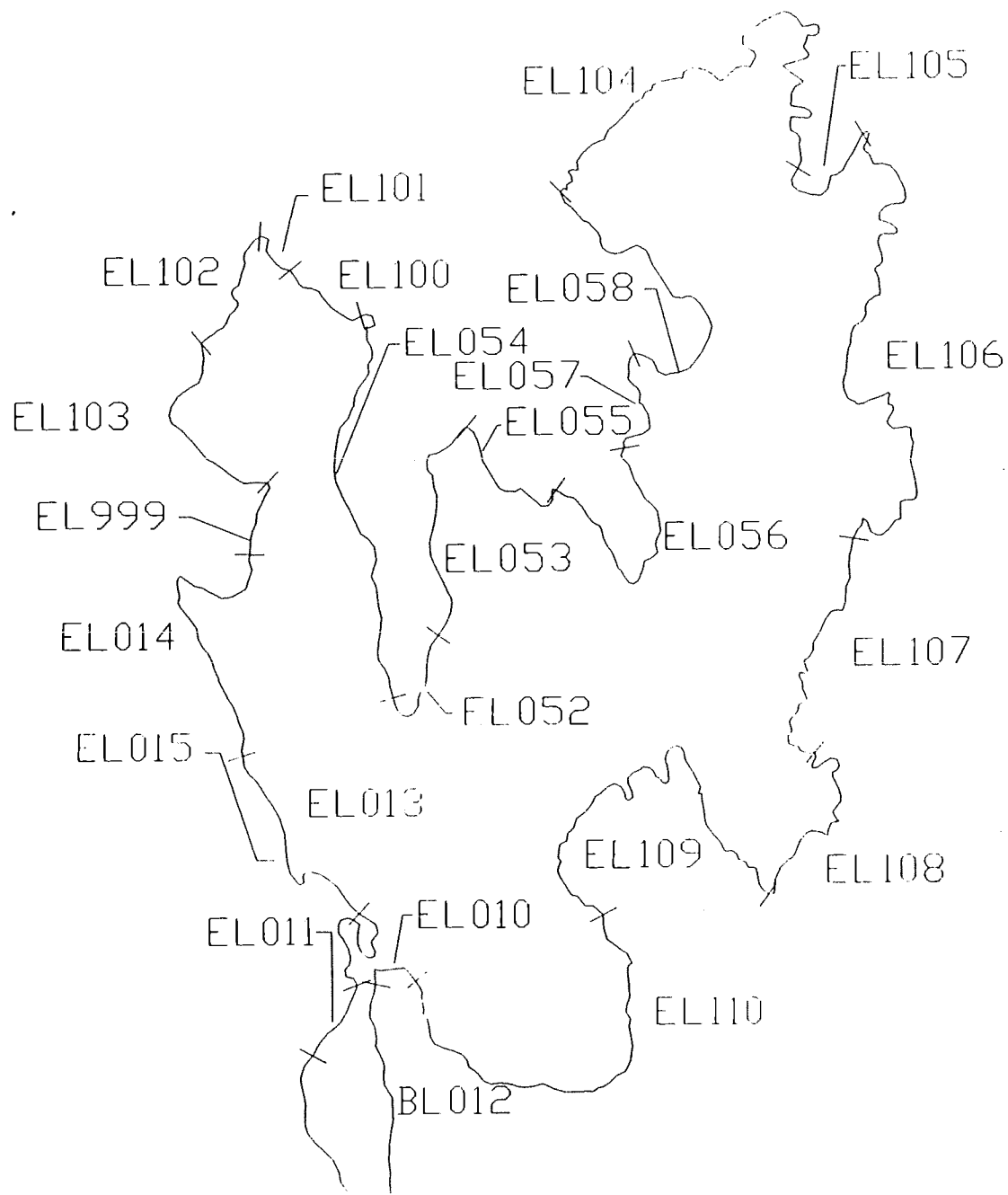
Distance In Meters

SECTION CONTENTS — ELEANOR ISLAND

SEGMENT#	LOCATION
EL010	SW ELEANOR ISLAND
EL011	UPPER PASSAGE
EL013	UPPER PASSAGE
EL014	UPPER PASSAGE
EL015	UPPER PASSAGE
EL052	NORTHWEST BAY, ELEANOR I.
EL053	NORTHWEST BAY, ELEANOR I.
EL054	NORTHWEST BAY, ELEANOR I.
EL055	NORTHWEST BAY, ELEANOR I.
EL056	NORTHWEST BAY, ELEANOR I.
EL057	NORTHWEST BAY, ELEANOR I.
EL058	NORTHWEST BAY, ELEANOR I.
EL100	NORTHWEST BAY, ELEANOR I.
EL101	NORTHWEST BAY, ELEANOR I.
EL102	UPPER PASSAGE
EL103	UPPER PASSAGE
EL104	N ELEANOR ISLAND
EL105	E ELEANOR ISLAND
EL106	E ELEANOR ISLAND
EL107	E ELEANOR ISLAND
EL108	E ELEANOR ISLAND
EL109	S ELEANOR ISLAND
EL110	S ELEANOR ISLAND
EL999	UPPER PASSAGE

Printed: 12/12/89

Eleanor Island



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL010
 LOCATION: SW ELEANOR ISLAND

DATE: 09/15/89
 TIME: 10:39

Survey Type: Boat, Ground
 Team: L. Gresehover, B. Fitzsimmons

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C,L
 (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,M
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,L
 (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: 25 cm (35 = 35 cm or greater)

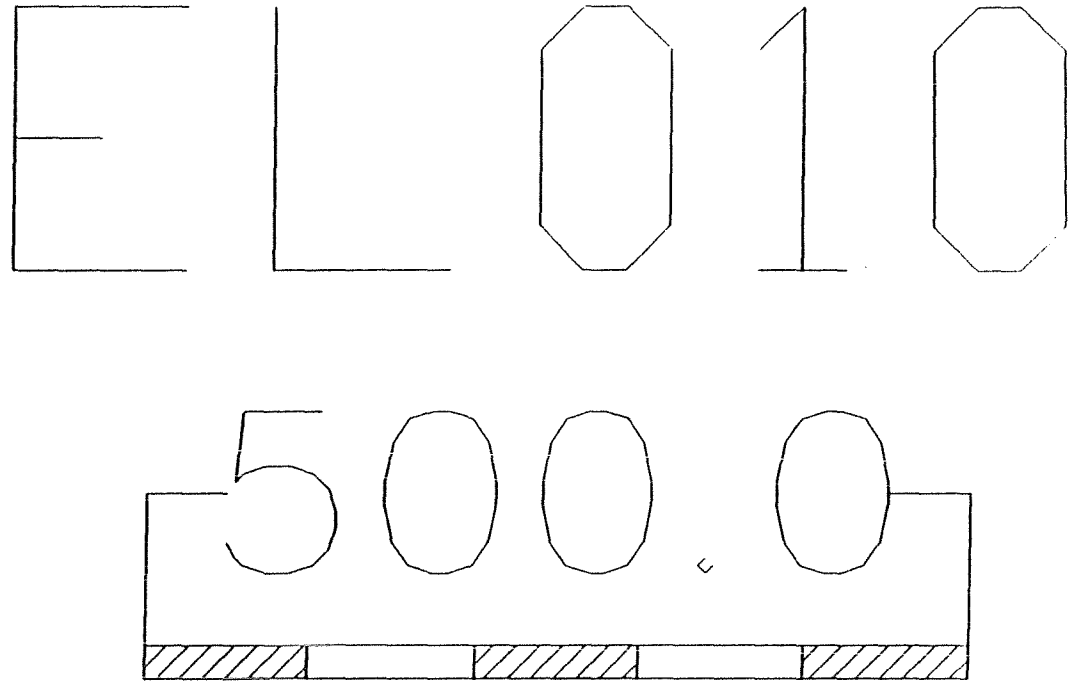
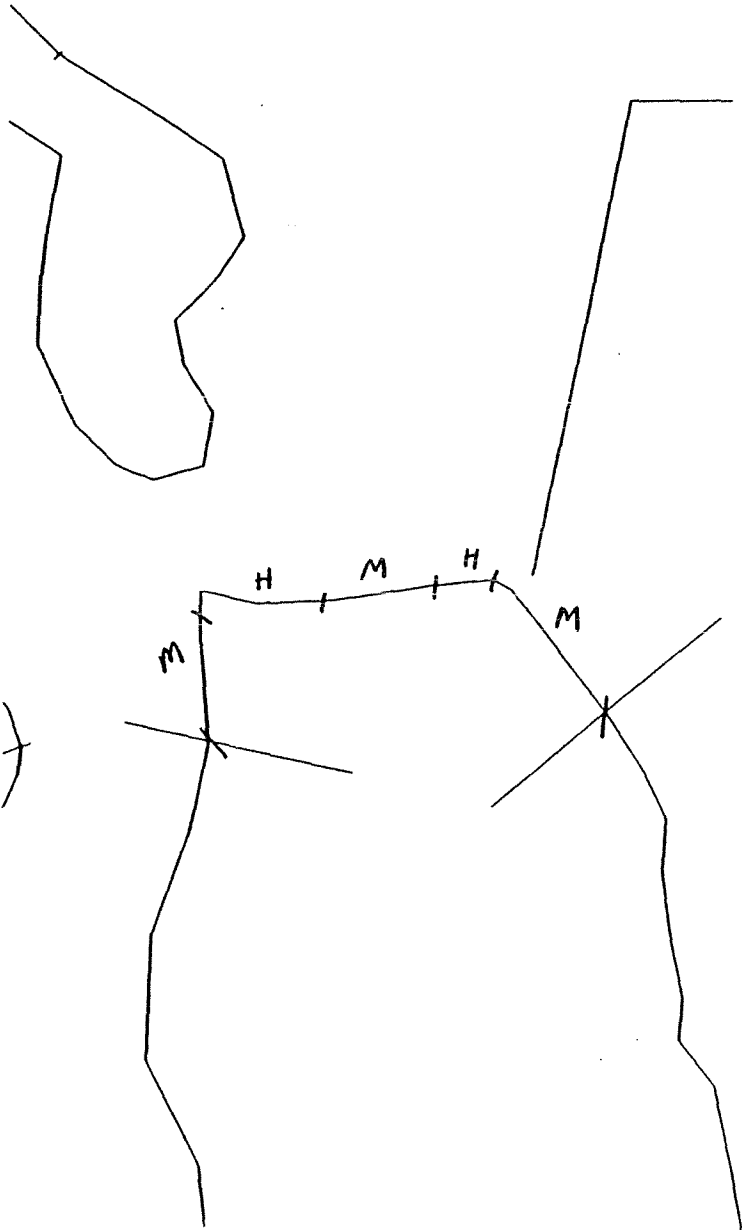
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL010-1 / EL010-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality
 Bags Collected: 0



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL011
 LOCATION: UPPER PASSAGE

DATE: 09/15/89
 TIME: 18:00

Survey Type: Boat, Ground
 Team: B. McCready, D. Zobrist, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52	Feet: -1.3	High Tide: 14:08	Feet: 13.2
Low Tide: 20:11	Feet: -0.9	High Tide: 1:37	Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: 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: 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: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL011-1 / EL011-1 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

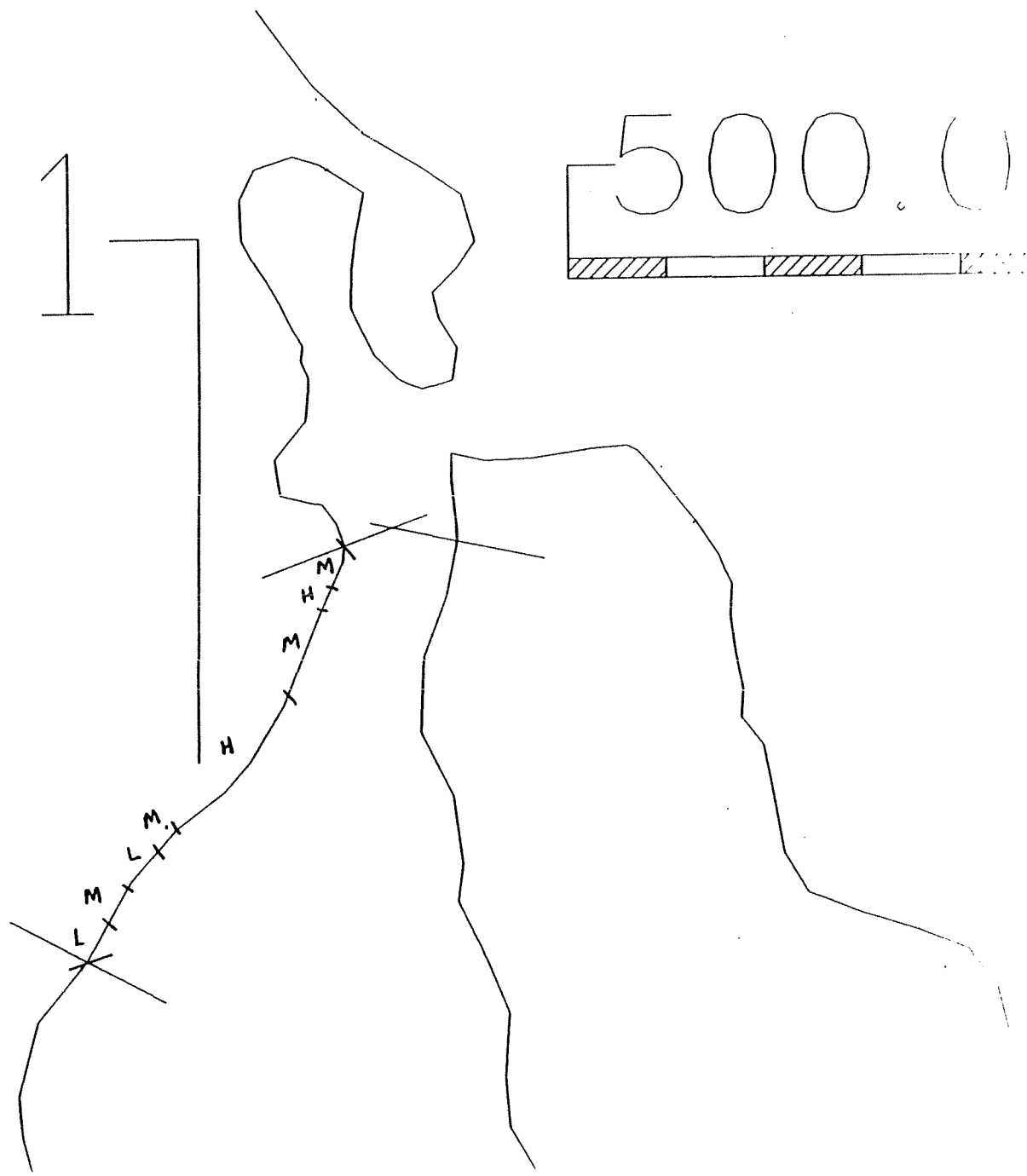
Type: One locality, Cleanup debris
 Bags Collected: 0

TEL 011

500.0

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

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL013
 LOCATION: UPPER PASSAGE

DATE: 09/15/89
 TIME: 17:15

Survey Type: Boat, Ground
 Team: B. McCready, M. Ebel, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: M (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: 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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

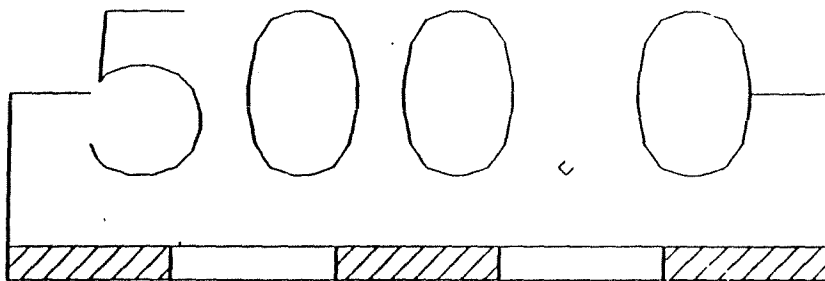
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL013-1 / EL013-2 / none / none

DAMAGED OR OILED ORGANISMS

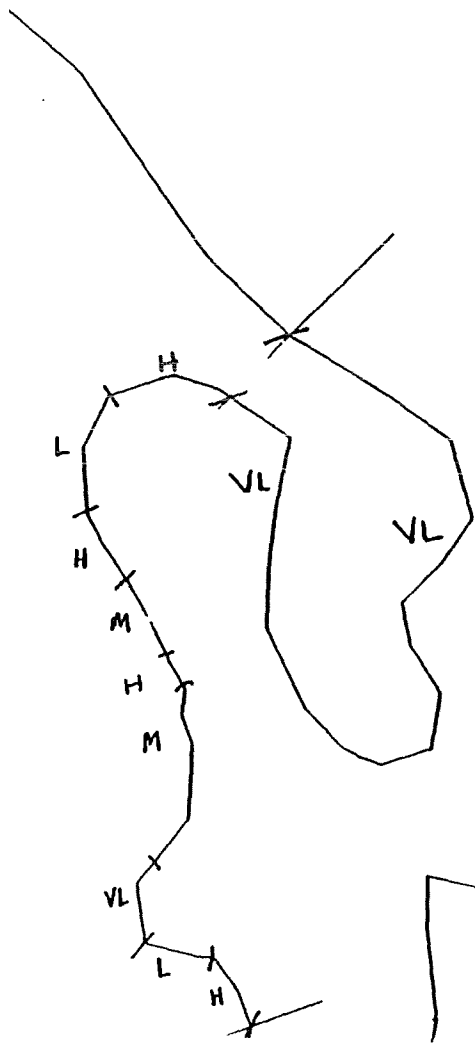
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, signs, paint marks
 Bags Collected: 0



EL013



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



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL014
LOCATION: UPPER PASSAGE

DATE: 09/15/89
TIME: 9:47

Survey Type: Boat, Ground
Team: G. Pavia, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M,H
(N=none, VL=very light, L=light, M=moderate, H=heavy)
Area of Impact: S,H,M
(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: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EL014-1 / EL014-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality, cleanup debris, garbage
Bags Collected: 1

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL015
LOCATION: UPPER PASSAGE

DATE: 09/15/89
TIME: 7:45

Survey Type: Boat, Ground
Team: L. Gresehover, B. Fitzsimons, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C,G,S,M
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%

Presence of Oiled Driftwood (y/n): y

Oil Types: SY,T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL015-1 / EL015-2 / none / none

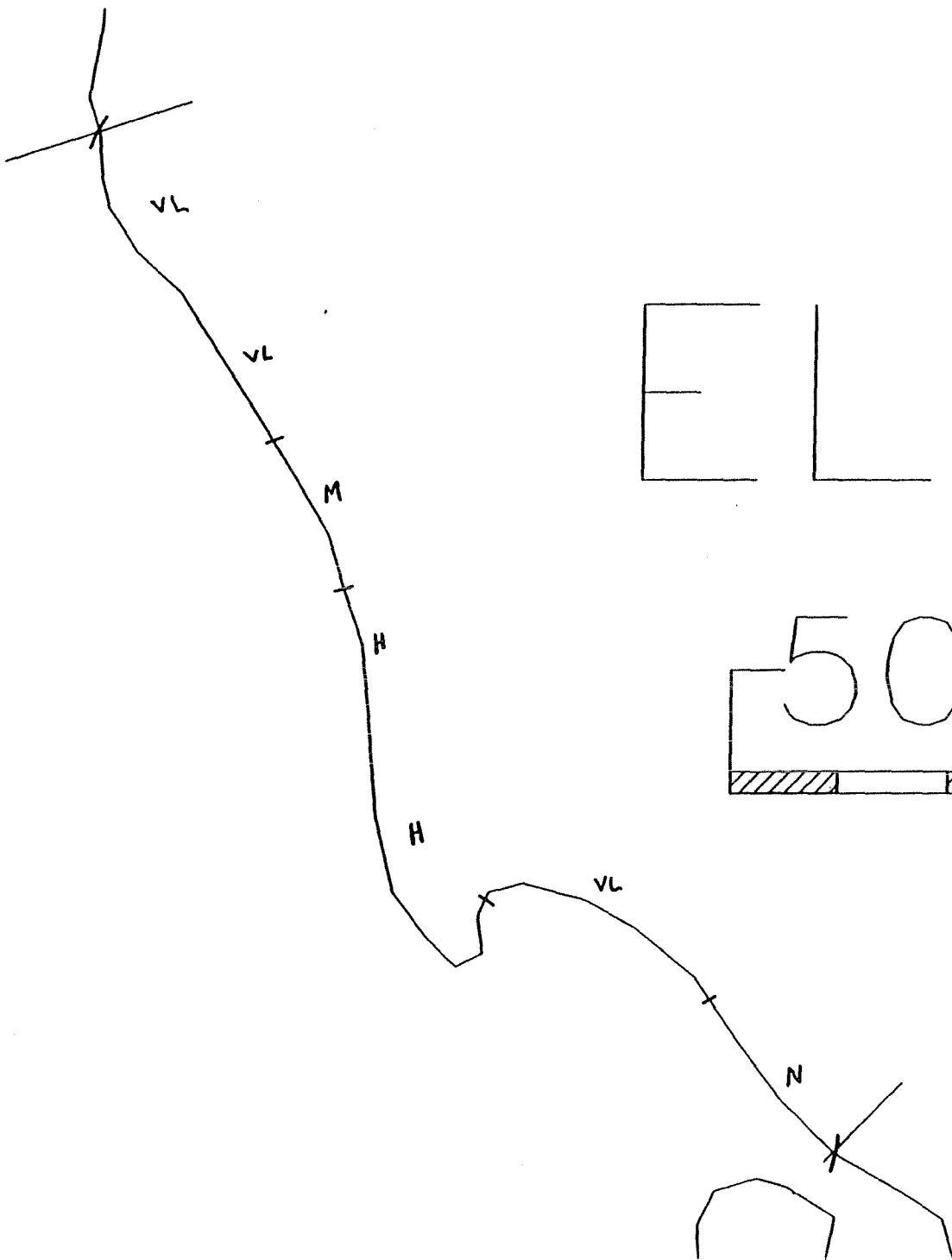
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few localities

Bags Collected: 0



EL015

500.0

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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL052 DATE: 09/14/89
LOCATION: NORTHWEST BAY, ELEANOR I. TIME: 17:10

Survey Type: Boat, Ground
Team: G. Pavia, D. Zobrist, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

Wave Exposure: H,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: VL,L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 10 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

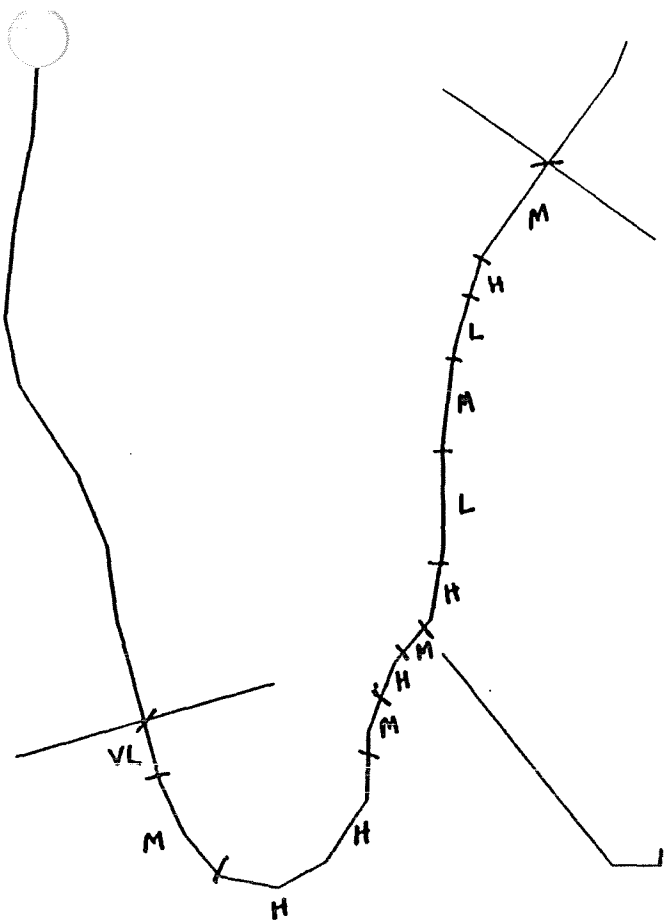
Samples: EL052-1 / EL052-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality, Cleanup debris
Bags Collected: 0

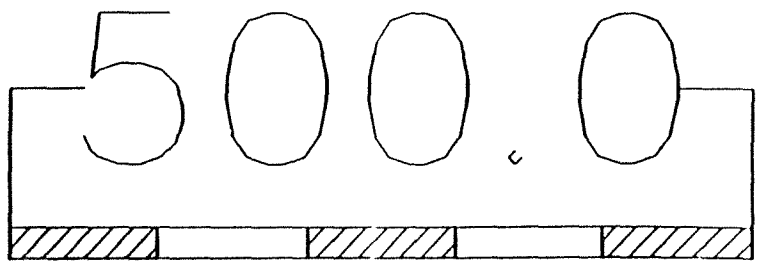


E L 0 5 2

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



ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ELO53 DATE: 09/14/89
 LOCATION: NORTHWEST BAY, ELEANOR I. TIME: 18:25

Survey Type: Boat, Ground
 Team: M. Ebel, G. Pavia, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (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: VL,L,M
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 2 cm (35 = 35 cm or greater)

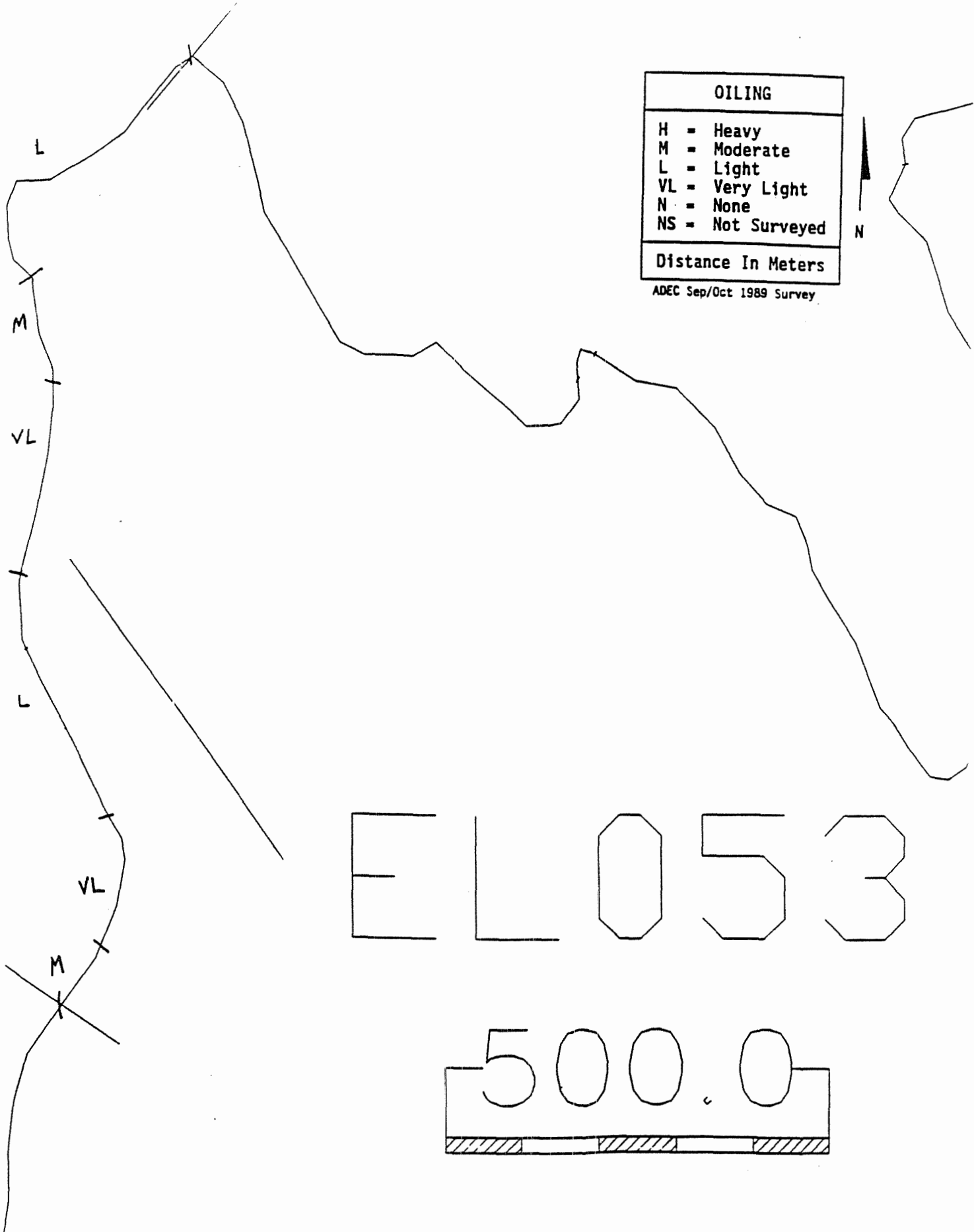
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few localities, paint marks
 Bags Collected: 0



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

ADEC Sep/Oct 1989 Survey

EL053

500.0

SEGMENT#: EL054 DATE: 09/14/89
LOCATION: NORTHWEST BAY, ELEANOR I. TIME: 19:45

Survey Type: Boat, Ground
Team: B. Fitzsimons, L. Gresehover

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,A
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL054-1 / EL054-2 / none / none

DAMAGED OR OILED ORGANISMS

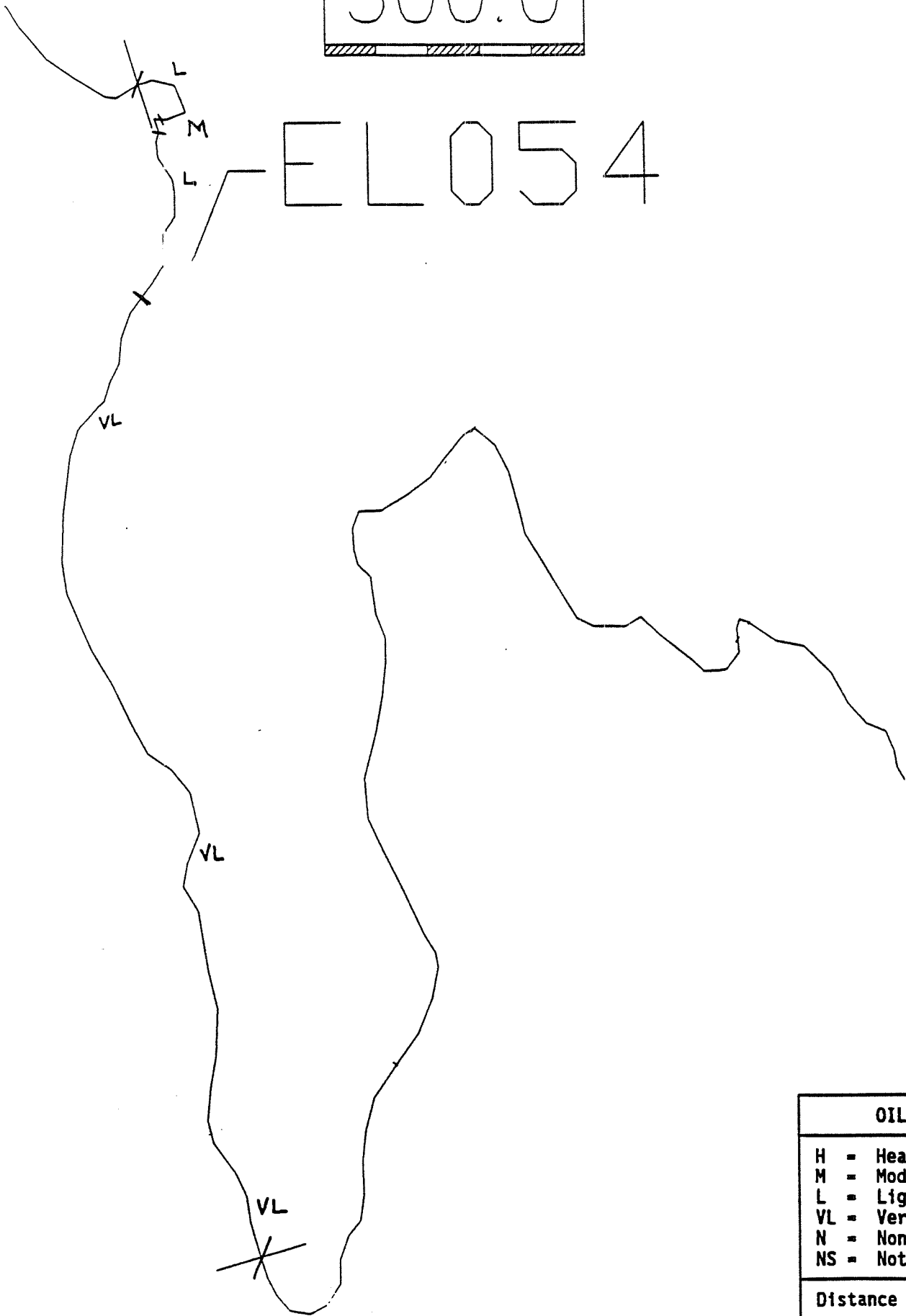
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

500.0

EL054



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

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL055

DATE: 09/14/89

LOCATION: NORTHWEST BAY, ELEANOR I.

TIME: 18:40

Survey Type: Boat, Ground

Team: M. Ebel, G. Pavia, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Cloudy
Sea State: Calm

Wind Direction: NE
Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

Shoretypes: H,LR,B

(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

(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M,H

(N=none, VL=very light, L=light, M=moderate, H=heavy)

Area of Impact: H,M,L

(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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL055-1 / EL055-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y

Dead Mammals: 0 Dead Birds: 0

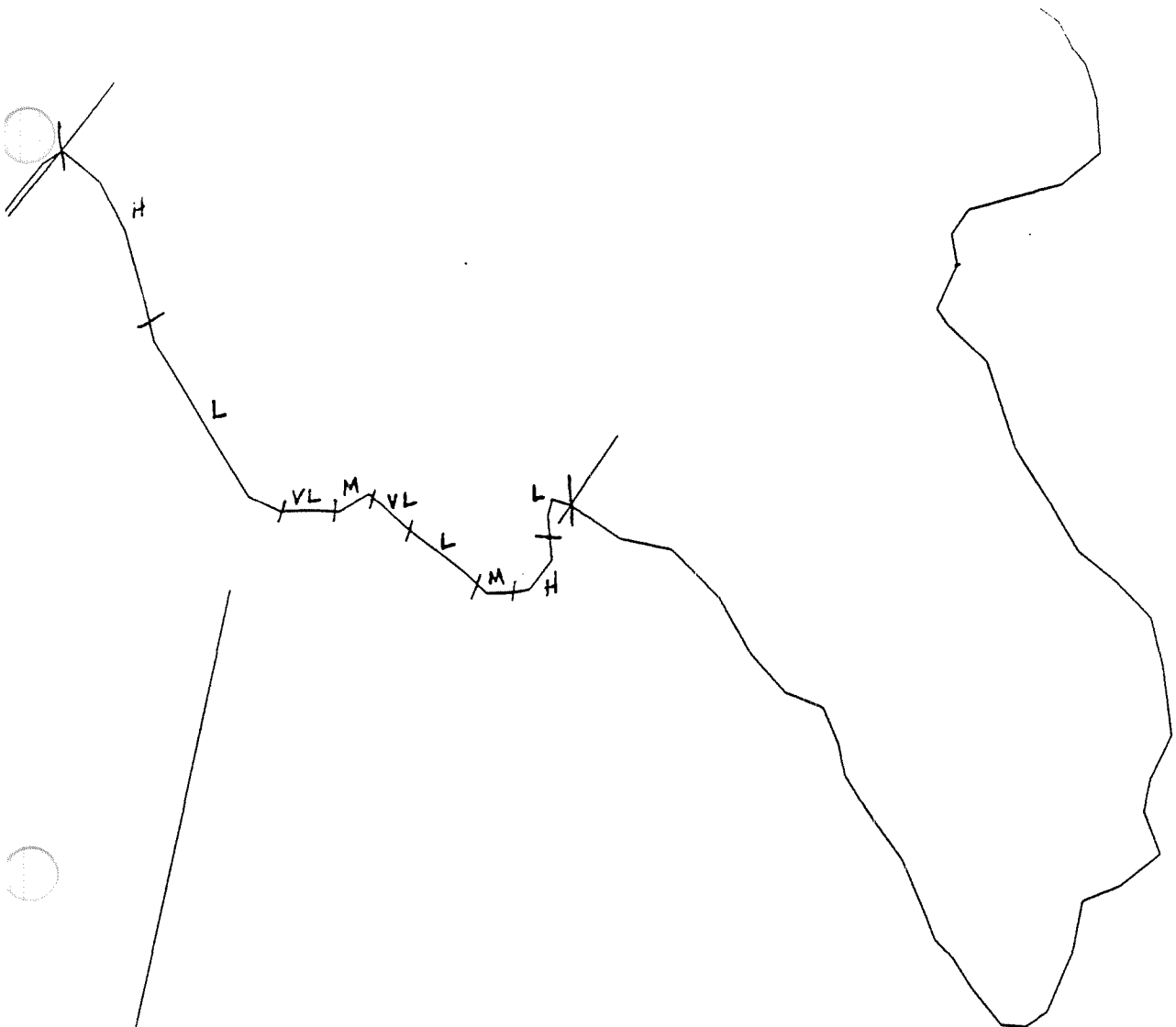
SOLID WASTE FOUND

Type: None

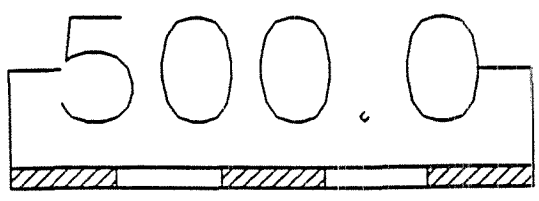
Bags Collected: 0

Draft

Printed: 12/12/89 11:09



EL055



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



ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL056 DATE: 09/14/89
 LOCATION: NORTHWEST BAY, ELEANOR I. TIME: 18:40

Survey Type: Boat, Ground
 Team: C. Robinson, B. McCreedy

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NE
 Sea State: Moderate Knots: 0-15
 Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
 Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

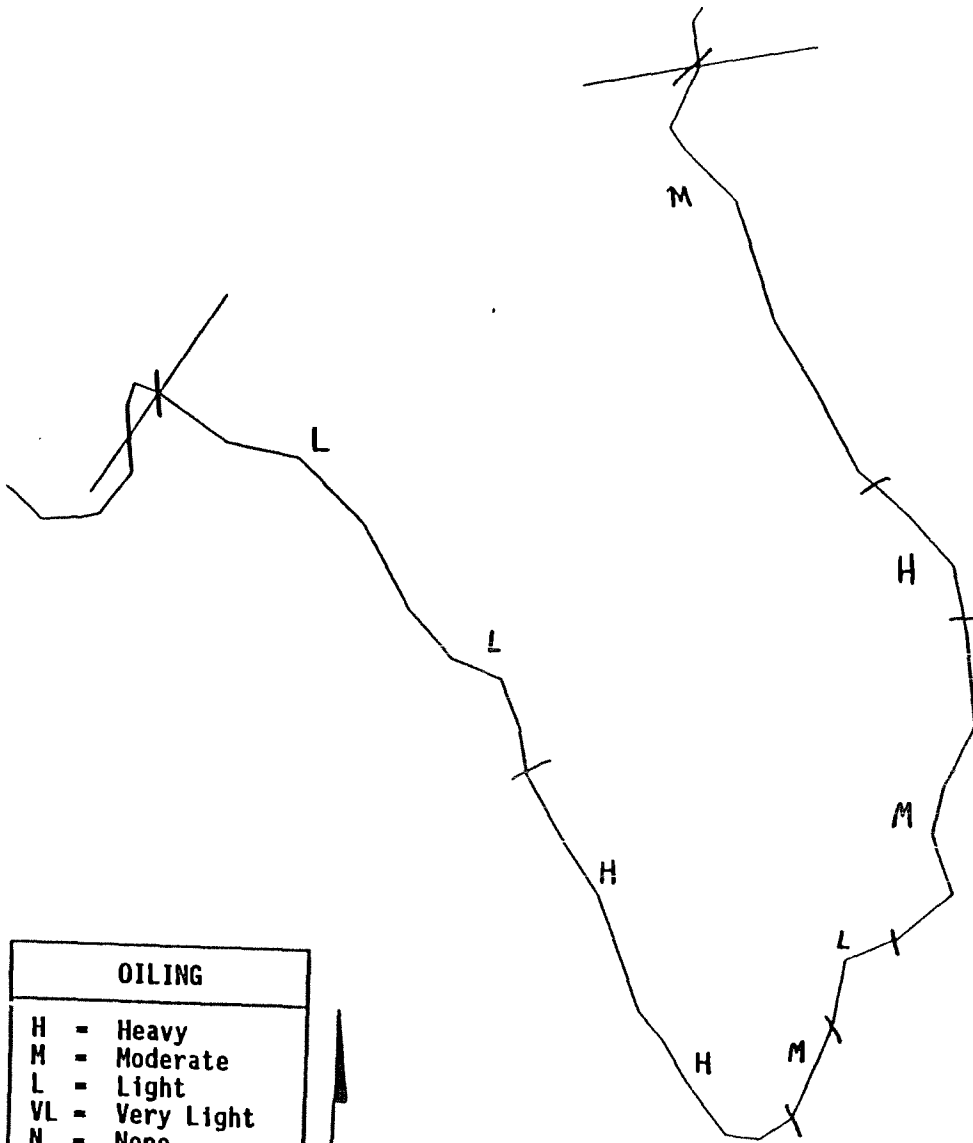
Degree of Oiling: L,M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: S,H,M,L
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 30 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL056-1 / EL056-2 / none / none

DAMAGED OR OILED ORGANISMS

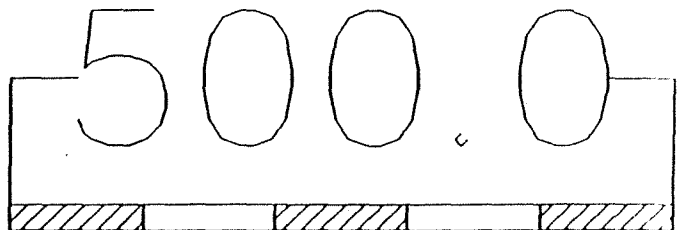
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



E L 0 5 6



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



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL057

DATE: 09/14/89

LOCATION: NORTHWEST BAY, ELEANOR I.

TIME: 18:17

Survey Type: Boat, Ground

Team: C. Robinson, B. McCreedy

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain
Sea State: Moderate

Wind Direction: NE
Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

Shoretypes: H,LR,B

(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

(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M,H

(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M,L

(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: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL057-1 / EL057-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y

Dead Mammals: 0 Dead Birds: 0

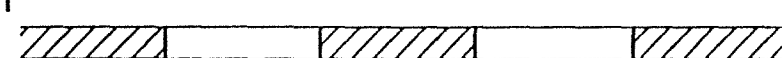
SOLID WASTE FOUND

Type: None

Bags Collected: 0

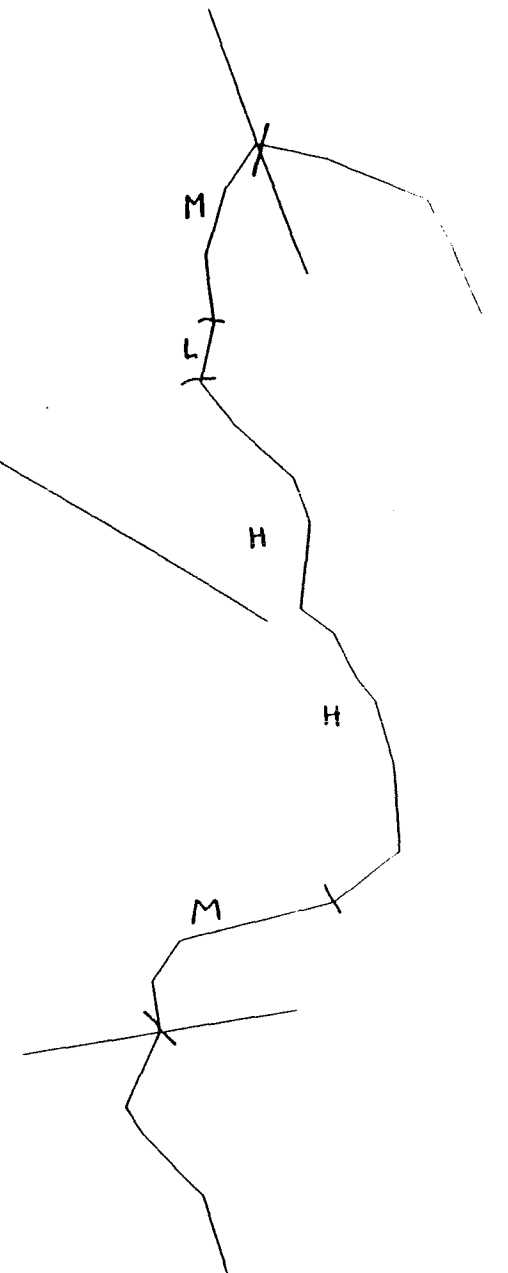
EL 057

500.0



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

ADEC Sep/Oct 1989 Survey



ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ELO58 DATE: 09/14/89
LOCATION: NORTHWEST BAY, ELEANOR I. TIME: 17:23

Survey Type: Boat, Ground
Team: C. Robinson, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

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
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: S,H,M,L
(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: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: ELO58-1 / ELO58-2 / none / none

DAMAGED OR OILED ORGANISMS

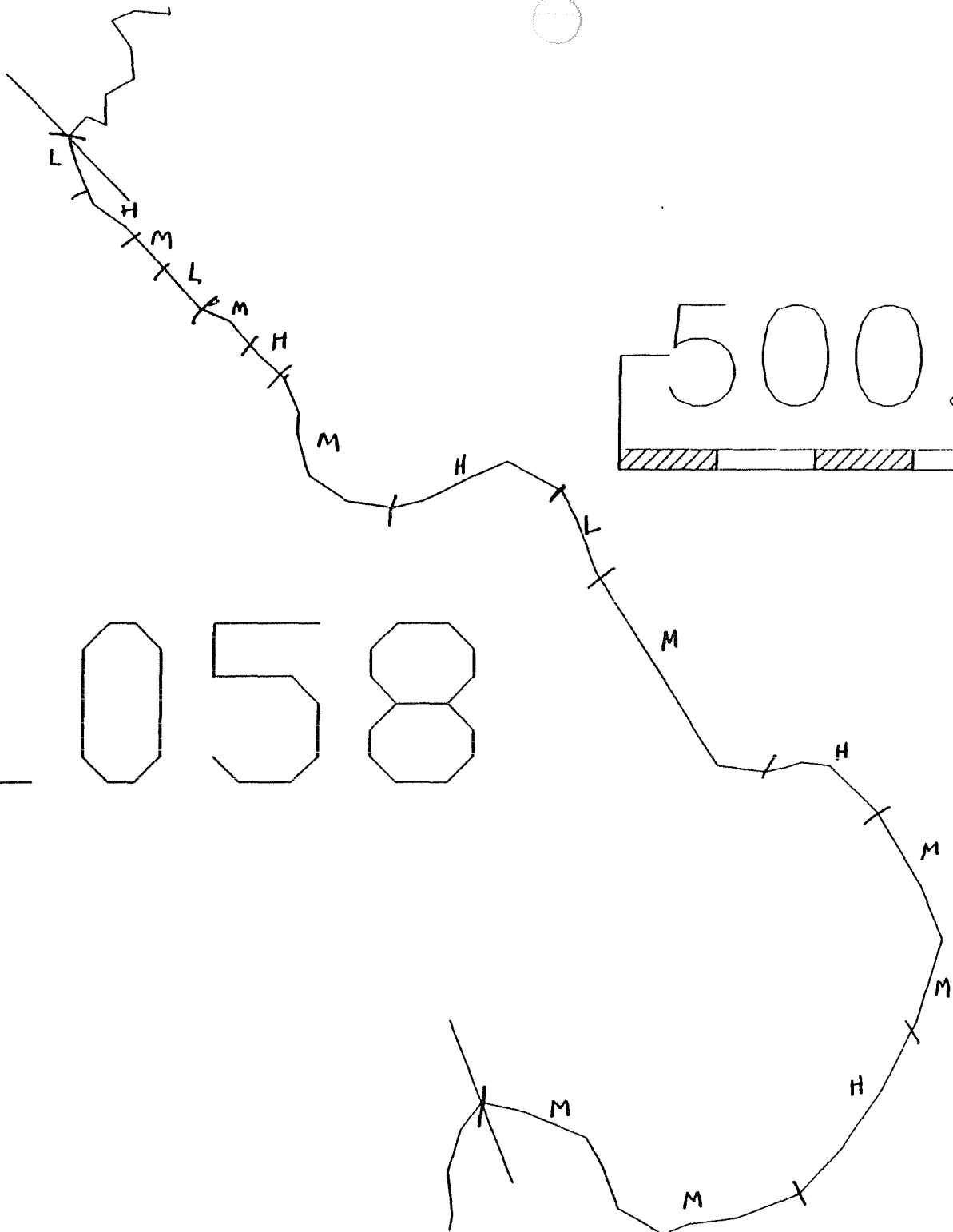
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

EL 058

500.0



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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL100 DATE: 09/14/89
LOCATION: NORTHWEST BAY, ELEANOR I. TIME: 19:00

Survey Type: Boat, Ground
Team: B. Fitzsimons, L. Gresehover

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 7:16 Feet: -1. High Tide: 13:35 Feet: 12.2
Low Tide: 19:29 Feet: 0.48 High Tide: 0:50 Feet: 13.

SHORELINE DESCRIPTION

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

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

Max. Oil Thickness: 4 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 25 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,A
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EL100-1 / EL100-2 / none / none

DAMAGED OR OILED ORGANISMS

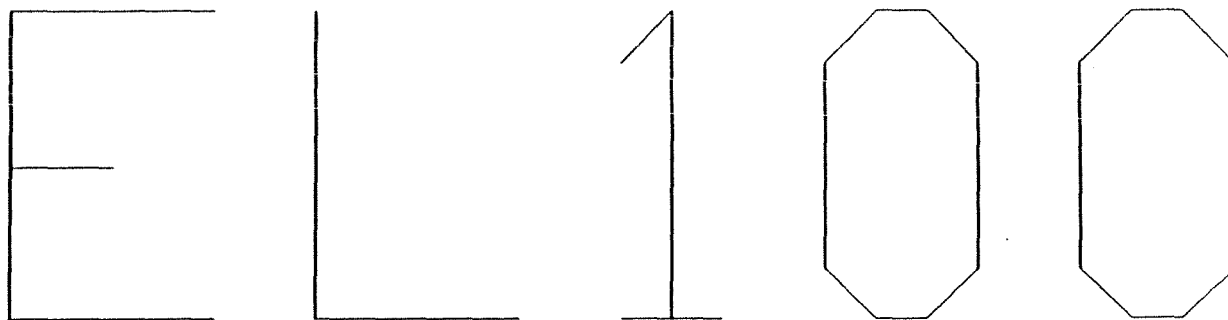
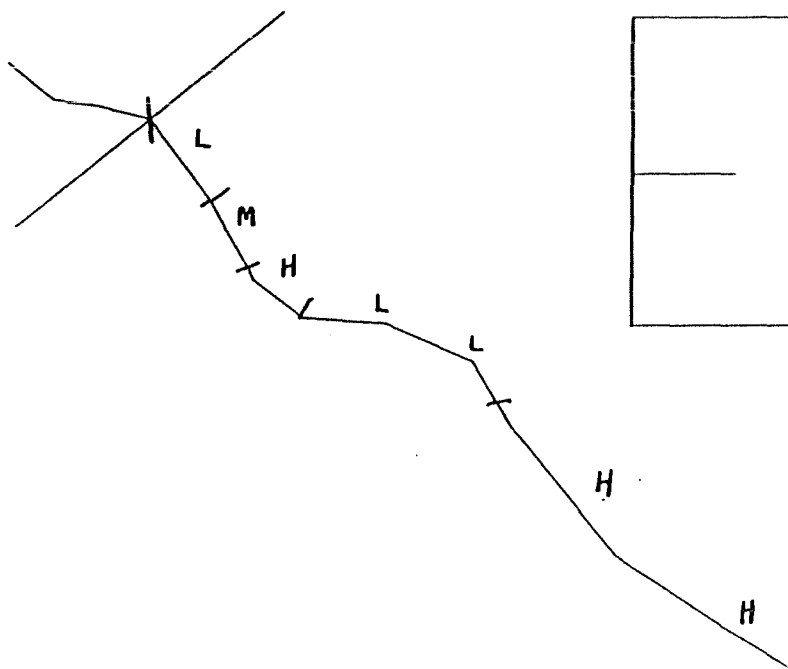
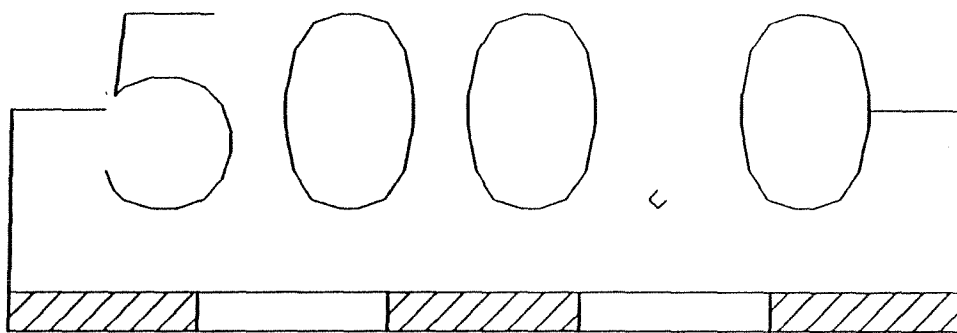
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

Draft

Printed: 12/12/89 11:10



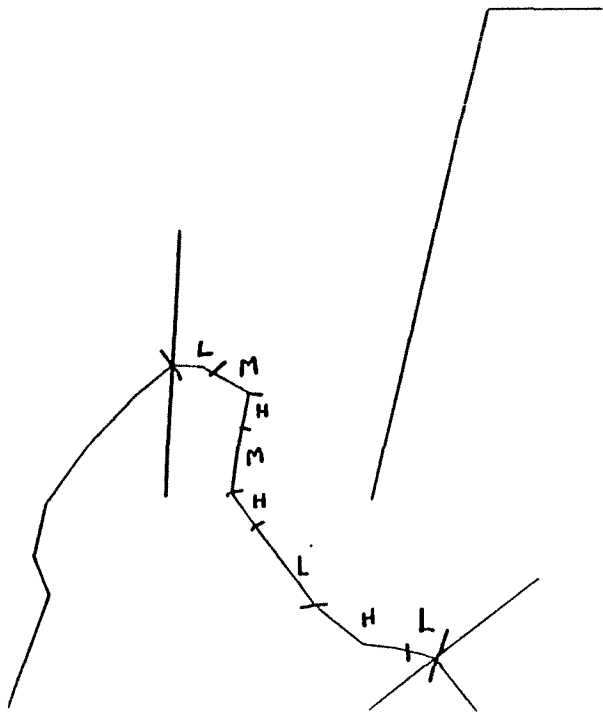
OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed
Distance In Meters	

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL101 LOCATION: NORTHWEST BAY, ELEANOR I.	DATE: 09/14/89 TIME: 17:30		
Survey Type: Boat, Ground Team: B. Fitzsimons			
WEATHER AND SEA CONDITIONS			
Weather: Cloudy, Rain Sea State: Moderate	Wind Direction: NE Knots: 0-15		
Low Tide: 7:16 Low Tide: 19:29	Feet: -1. Feet: 0.48	High Tide: 13:35 High Tide: 0:50	Feet: 12.2 Feet: 13.
SHORELINE DESCRIPTION			
Shoretypes: H,LR,B (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)			
Wave Exposure: H,M (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: L,M,H (N=none, VL=very light, L=Light, M=moderate, H=heavy)			
Area of Impact: S,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: 25 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 100%			
Presence of Oiled Driftwood (y/n): n			
Oil Types: T,A (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: EL101-1 / EL101-2 / none / none			
DAMAGED OR OILED ORGANISMS			
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y			
Dead Mammals: 0 Dead Birds: 0			
SOLID WASTE FOUND			
Type: One locality			
Bags Collected: 0			

500.0

EL 101



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL102
 LOCATION: UPPER PASSAGE

DATE: 09/15/89
 TIME: 8:00

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M,H
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: S,H,M
 (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: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL102-1 / EL102-2 / none / none

DAMAGED OR OILED ORGANISMS

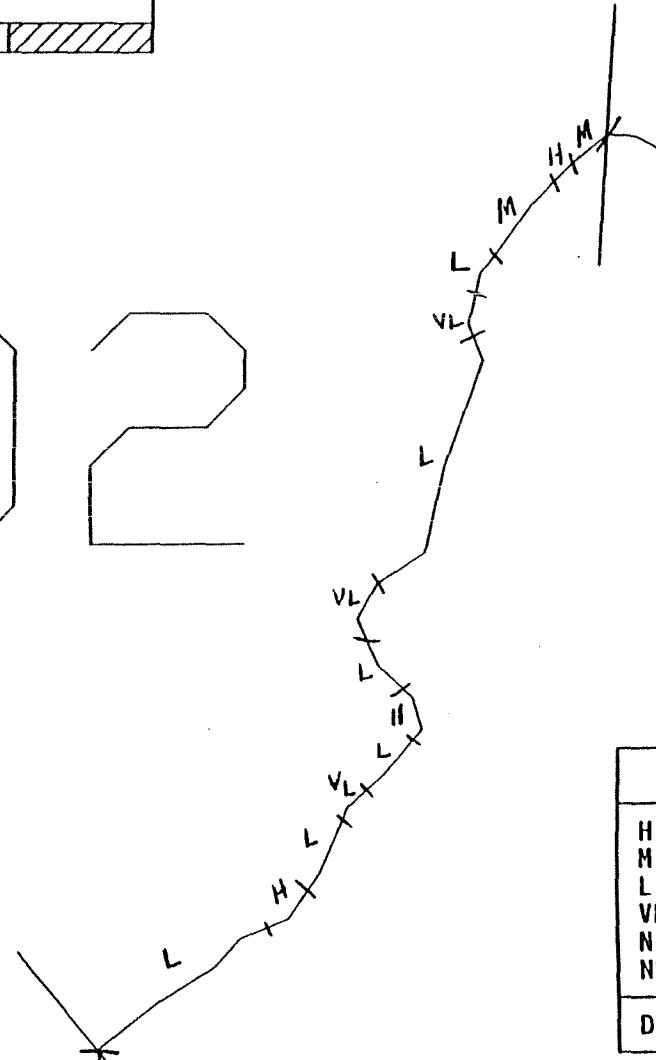
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

500.0

EL 102



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

ACEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL103
 LOCATION: UPPER PASSAGE

DATE: 09/15/89
 TIME: 9:00

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny, Fog Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: R,B
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,H
 (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: 2 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL103-1 / EL103-2 / none / none

DAMAGED OR OILED ORGANISMS

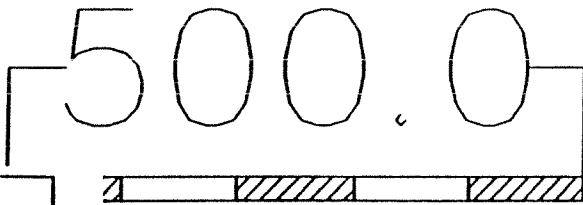
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

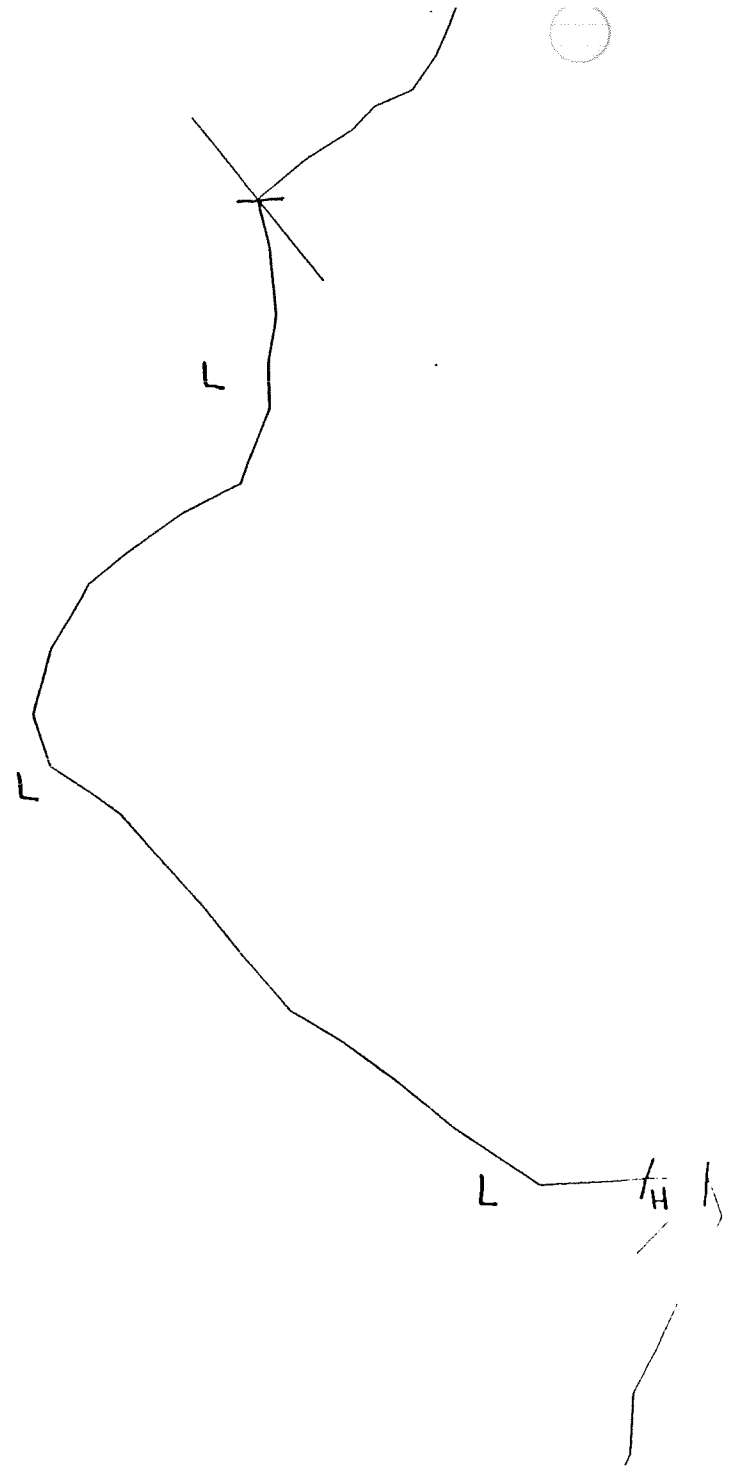
Type: None
 Bags Collected: 0

EL 103

500.0



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



ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL104
 LOCATION: N ELEANOR ISLAND

DATE: 09/15/89
 TIME: 7:59

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

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L,M
 (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: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 15%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL104-1 / EL104-2 / none / none

DAMAGED OR OILED ORGANISMS

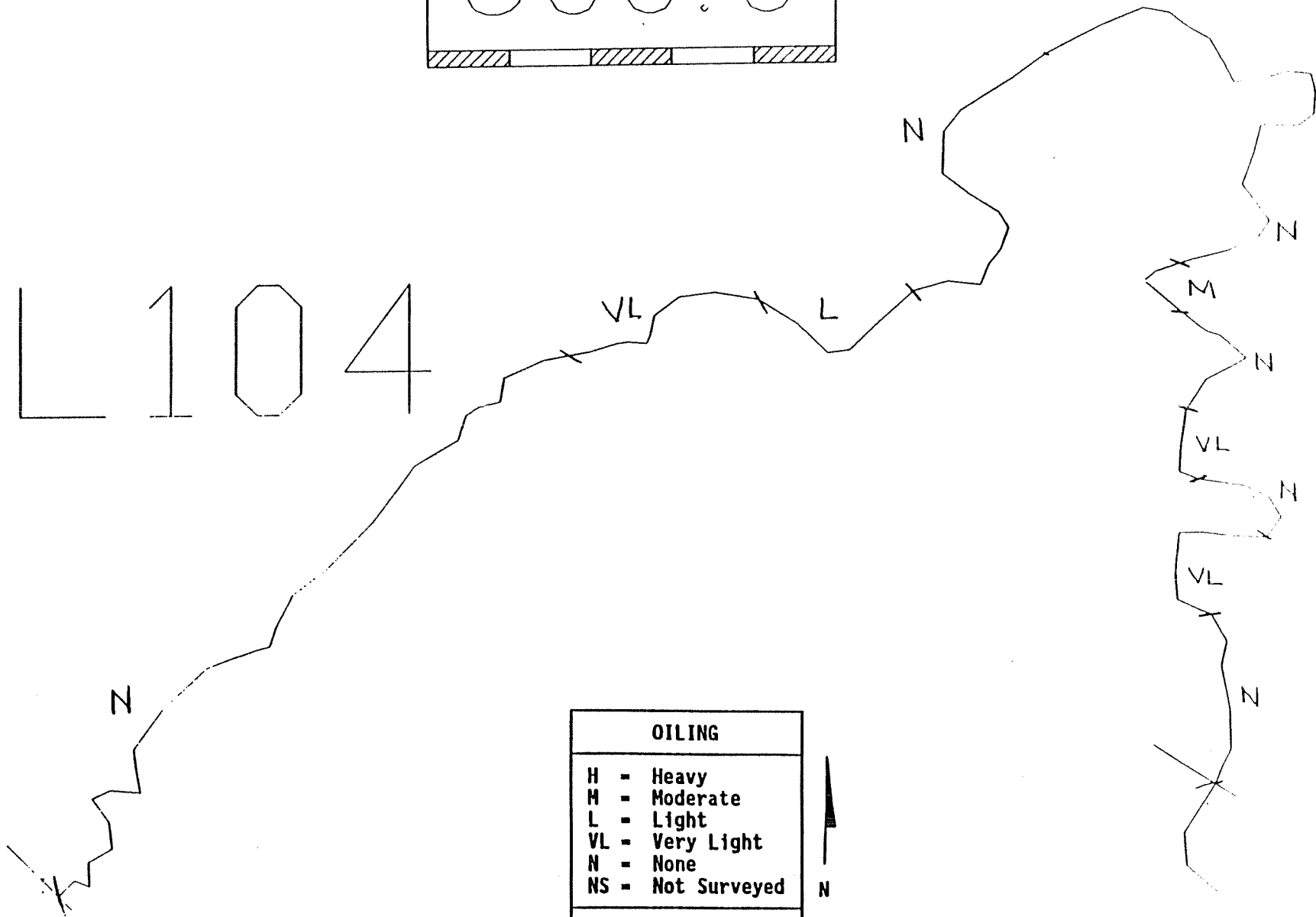
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, cleanup debris
 Bags Collected: 0

500.0

EL104



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL105
LOCATION: E ELEANOR ISLAND

DATE: 09/15/89
TIME: 7:48

Survey Type: Boat, Ground
Team: C. Robinson, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NE
Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C
(H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
Wave Exposure: H,M (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: VL,L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: S,H,M,L
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 30 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EL105-1 / EL105-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Many localities, cleanup debris, garbage
Bags Collected: 0

500.0

EL 105



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

Distance In Meters

ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL106
LOCATION: E ELEANOR ISLAND

DATE: 09/15/89
TIME: 8:30

Survey Type: Boat, Ground
Team: C. Robinson, D. Zobrist, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NE
Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M,L
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 85%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

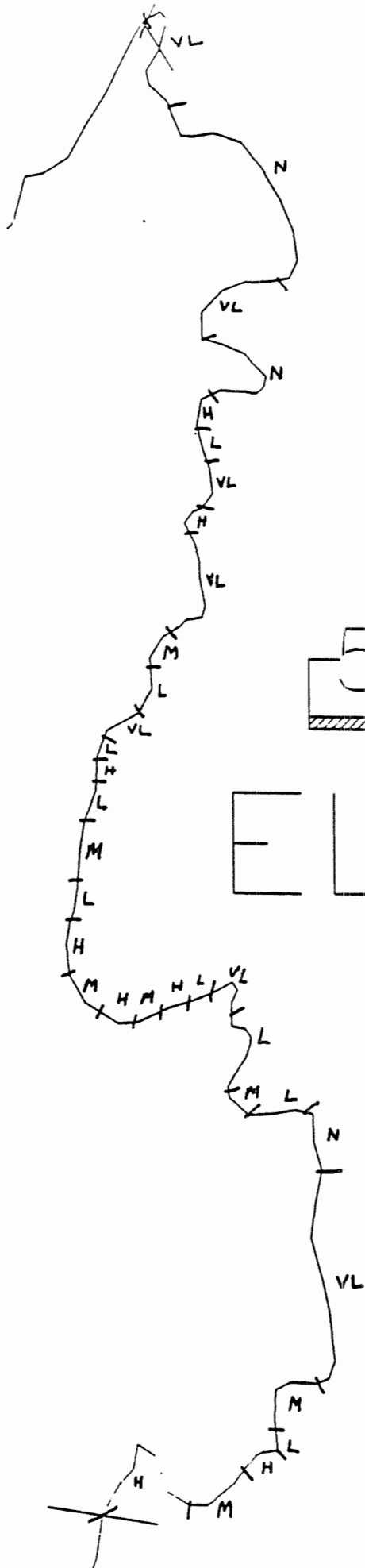
Samples: EL106-1 / EL106-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Many localities, cleanup debris, garbage
Bags Collected: 0



500.0

EL 106

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL107
LOCATION: E ELEANOR ISLAND

DATE: 09/15/89
TIME: 10:25

Survey Type: Boat, Ground
Team: M. Ebel, J. DeRuyter, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: H,M,L
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 50 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

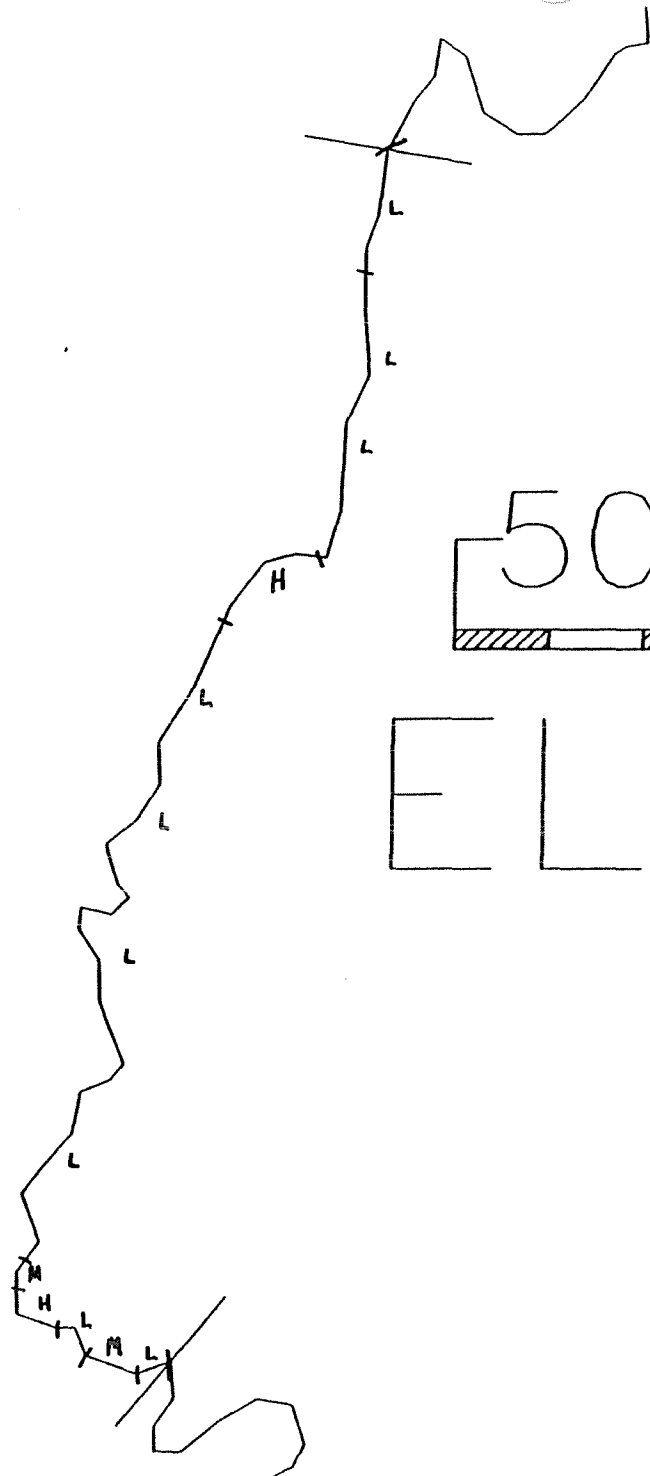
Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EL107-1 / EL107-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few localities, cleanup debris
Bags Collected: 0



500.0

EL 107

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL108
 LOCATION: E ELEANOR ISLAND

DATE: 09/15/89
 TIME: 11:35

Survey Type: Boat, Ground
 Team: J. DeRuyter, P. Endres, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L,M
 (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: 25 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL108-1 / EL108-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

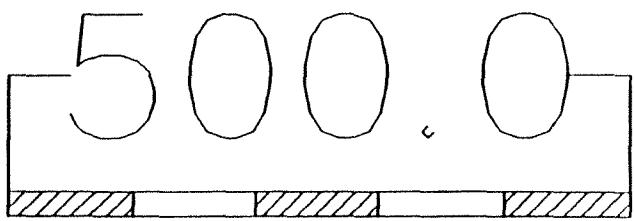
Type: Many localities, cleanup debris
 Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



EL 108



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL109
 LOCATION: S ELEANOR ISLAND

DATE: 09/15/89
 TIME: 8:20

Survey Type: Boat, Ground
 Team: L. Gresehover, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C,G,S,M
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

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

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 25 cm (35 = 35 cm or greater)

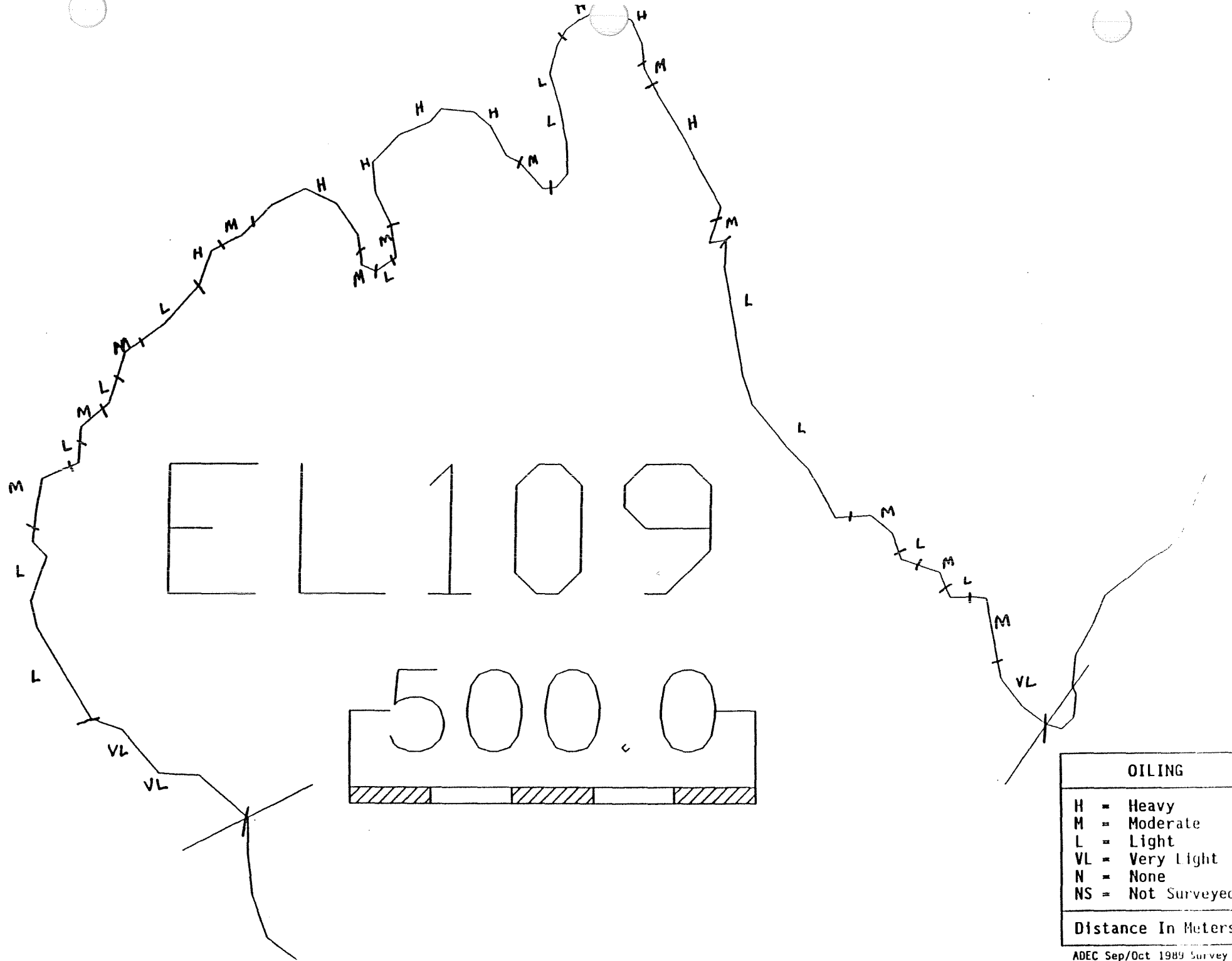
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL109-1 / EL109-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



EL 109

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL110
 LOCATION: S ELEANOR ISLAND

DATE: 09/15/89
 TIME: 10:00

Survey Type: Boat, Ground
 Team: L. Gresehover, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

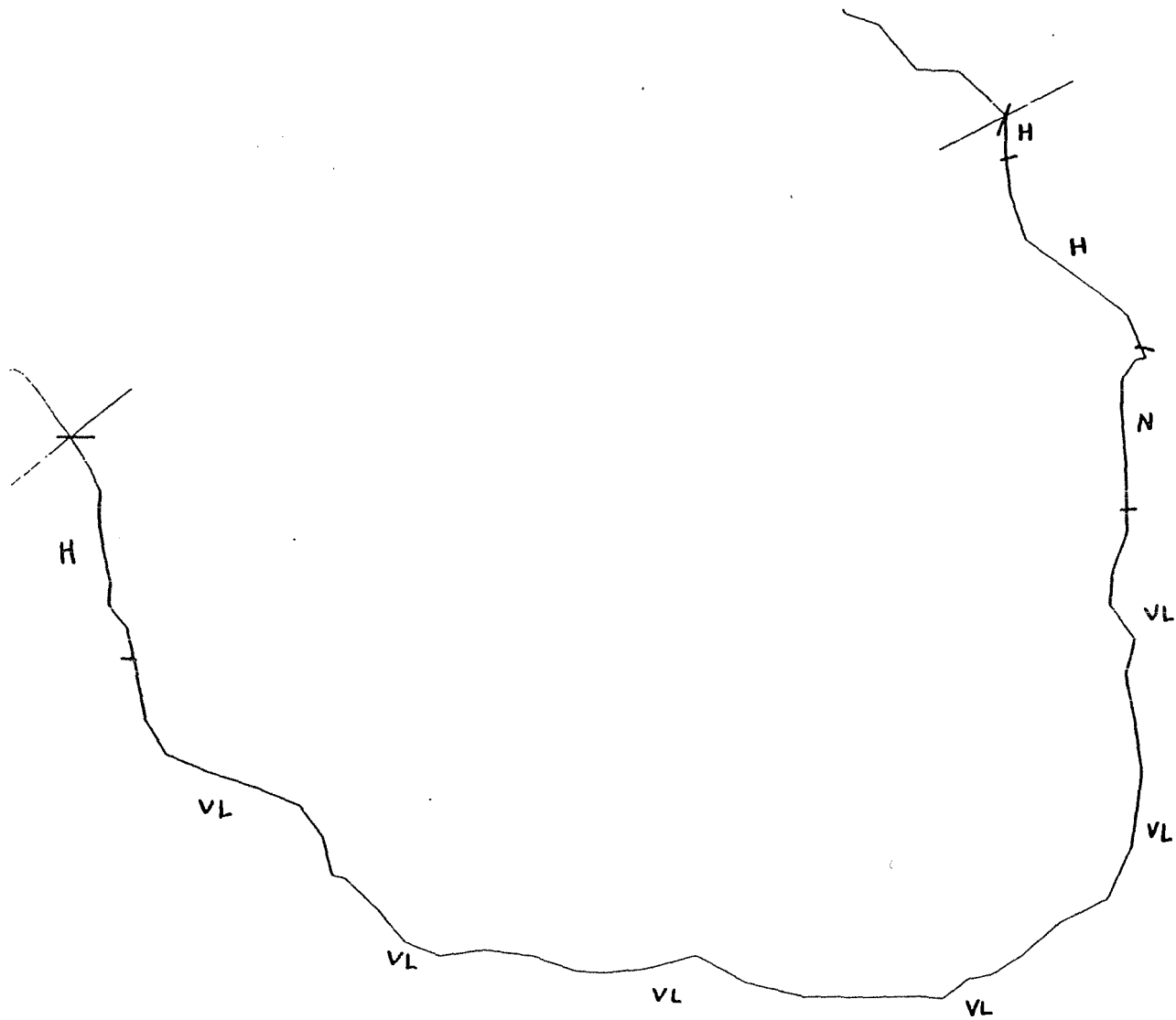
Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EL110-1 / EL110-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



EL 110
500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EL999
 LOCATION: UPPER PASSAGE

DATE: 09/15/89
 TIME: 9:24

Survey Type: Boat, Ground
 Team: G. Pavia, B. McCready, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (H=high, M=moderate, L=low)

Shoreline Composition: R,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EL999-1 / EL999-2 / none / none

DAMAGED OR OILED ORGANISMS

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

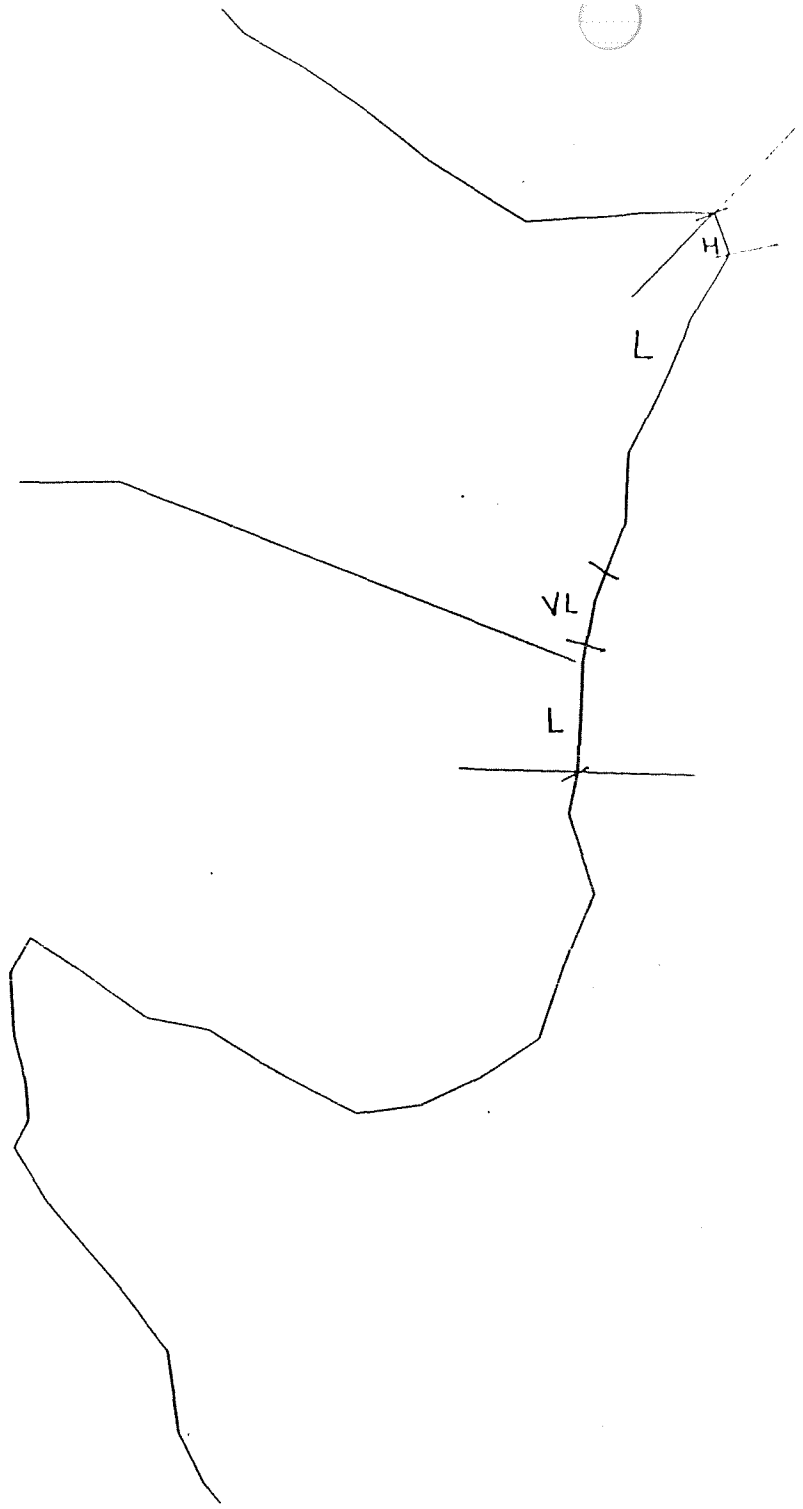
SOLID WASTE FOUND

Type: None

Bags Collected: 0

E L 9 9 9

500.0



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

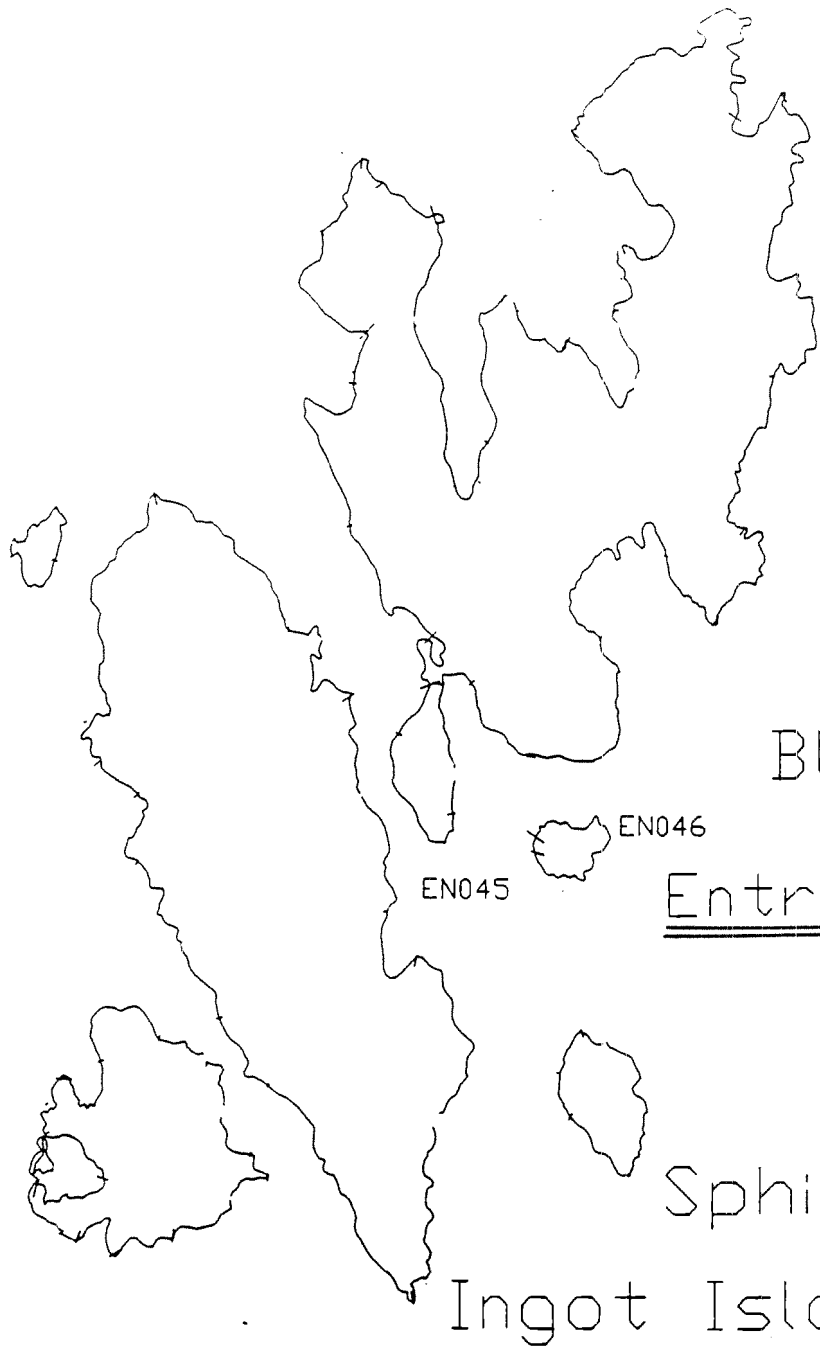


ADEC Sep/Oct 1989 Survey

SECTION CONTENTS — ELRINGTON ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
EN046	ENTRANCE ISLAND

Printed: 12/12/89



Eleanor Island

Block Island

EN046

EN045

Entrance Island

Sphinx Island

Ingot Island

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EN046
 LOCATION: ENTRANCE ISLAND

DATE: 09/15/89
 TIME: 18:30

Survey Type: Boat
 Team: B. McCready, D. Zobrist, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 7:52 Feet: -1.3 High Tide: 14:08 Feet: 13.2
 Low Tide: 20:11 Feet: -0.9 High Tide: 1:37 Feet: 13.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

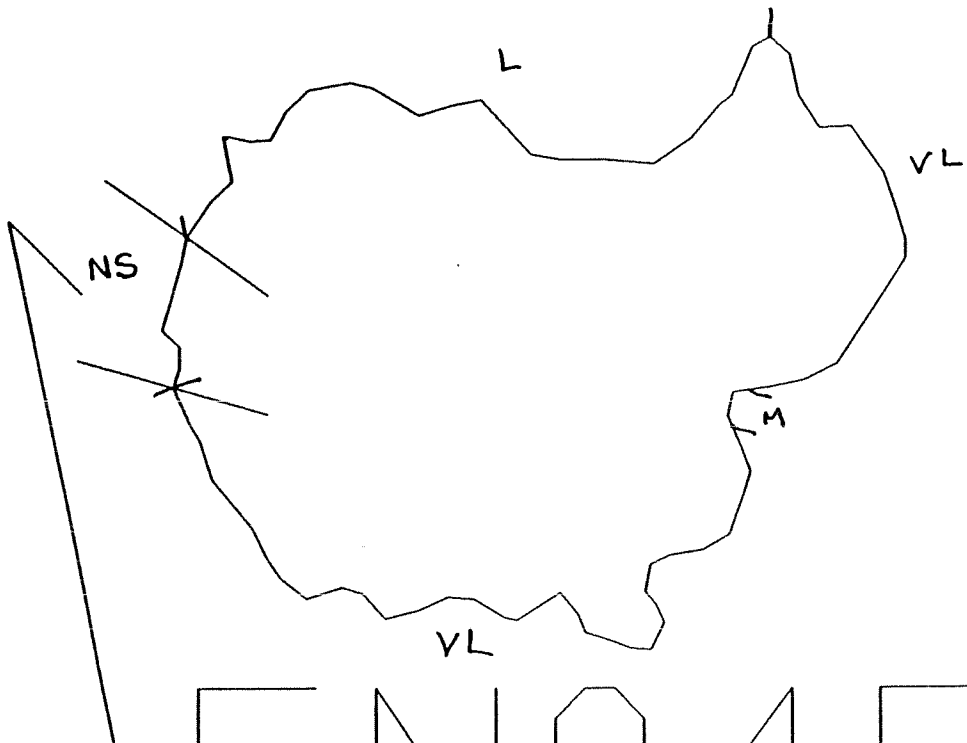
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): -
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: None / None / None / None

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



E N O 4 1

500.0

E N O 4 5

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

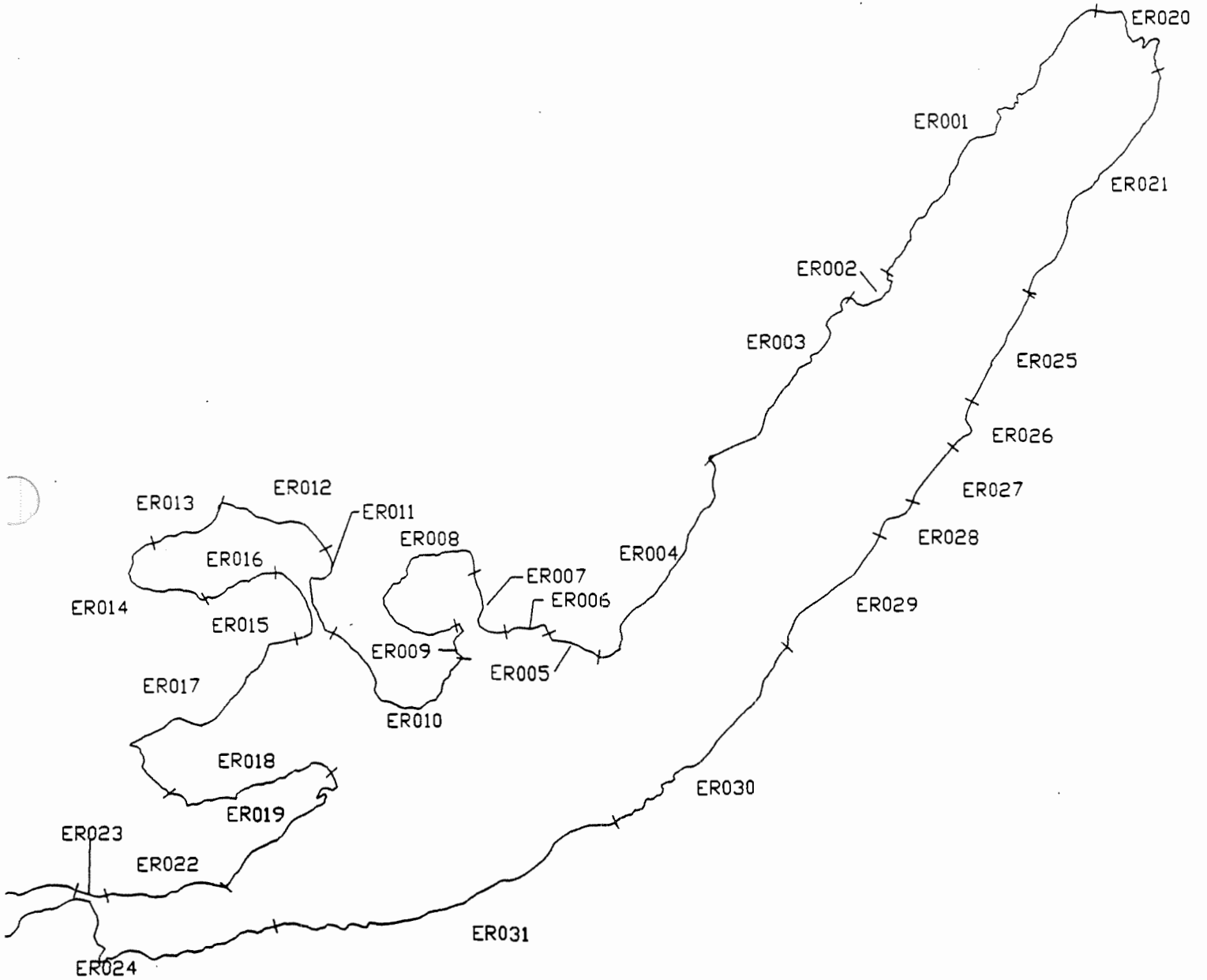
Distance In Meters

SECTION CONTENTS — ELRINGTON ISLAND

SEGMENT#	LOCATION
ER001	NW ELRINGTON ISLAND
ER002	NW ELRINGTON ISLAND
ER003	NW ELRINGTON ISLAND
ER004	SW ELRINGTON ISLAND
ER005	SW ELRINGTON ISLAND
ER006	SW ELRINGTON ISLAND
ER007	SW ELRINGTON ISLAND
ER008	SW ELRINGTON ISLAND
ER009	SW ELRINGTON ISLAND
ER010	SW ELRINGTON ISLAND
ER011	SW ELRINGTON ISLAND
ER012	SW ELRINGTON ISLAND
ER013	SW ELRINGTON ISLAND
ER014	N.TWIN BAY, ELRINGTON I.
ER015	N.TWIN BAY, ELRINGTON I.
ER016	N.TWIN BAY, ELRINGTON I.
ER017	N.TWIN BAY, ELRINGTON I.
ER018	S.TWIN BAY, ELRINGTON I.
ER019	S.TWIN BAY, ELRINGTON I.
ER020	NE ELRINGTON ISLAND
ER021	NE ELRINGTON ISLAND
ER022	S.TWIN BAY, ELRINGTON I.
ER023	S.TWIN BAY, ELRINGTON I.
ER024	SE ELRINGTON ISLAND
ER025	NE ELRINGTON ISLAND
ER026	NE ELRINGTON ISLAND
ER027	NE ELRINGTON ISLAND
ER028	NE ELRINGTON ISLAND
ER029	SE ELRINGTON ISLAND
ER030	SE ELRINGTON ISLAND
ER031	SE ELRINGTON ISLAND

Printed: 12/12/89

Elrington Island



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER001
LOCATION: NW ELRINGTON ISLAND

DATE: 10/04/89
TIME: 9:45

Survey Type: Boat, Ground
Team: D. Hall, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy, Rain Wind Direction: SE
Sea State: Moderate Knots: 0-15

Low Tide: 22:58 Feet: 1. High Tide: 4:33 Feet: 10.2
Low Tide: 10:12 Feet: 3.97 High Tide: 16:03 Feet: 12.2

SHORELINE DESCRIPTION

Shoretupes: H,LR,B
(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
(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: 3 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 50%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: ER001-1 / ER001-2 / none / none

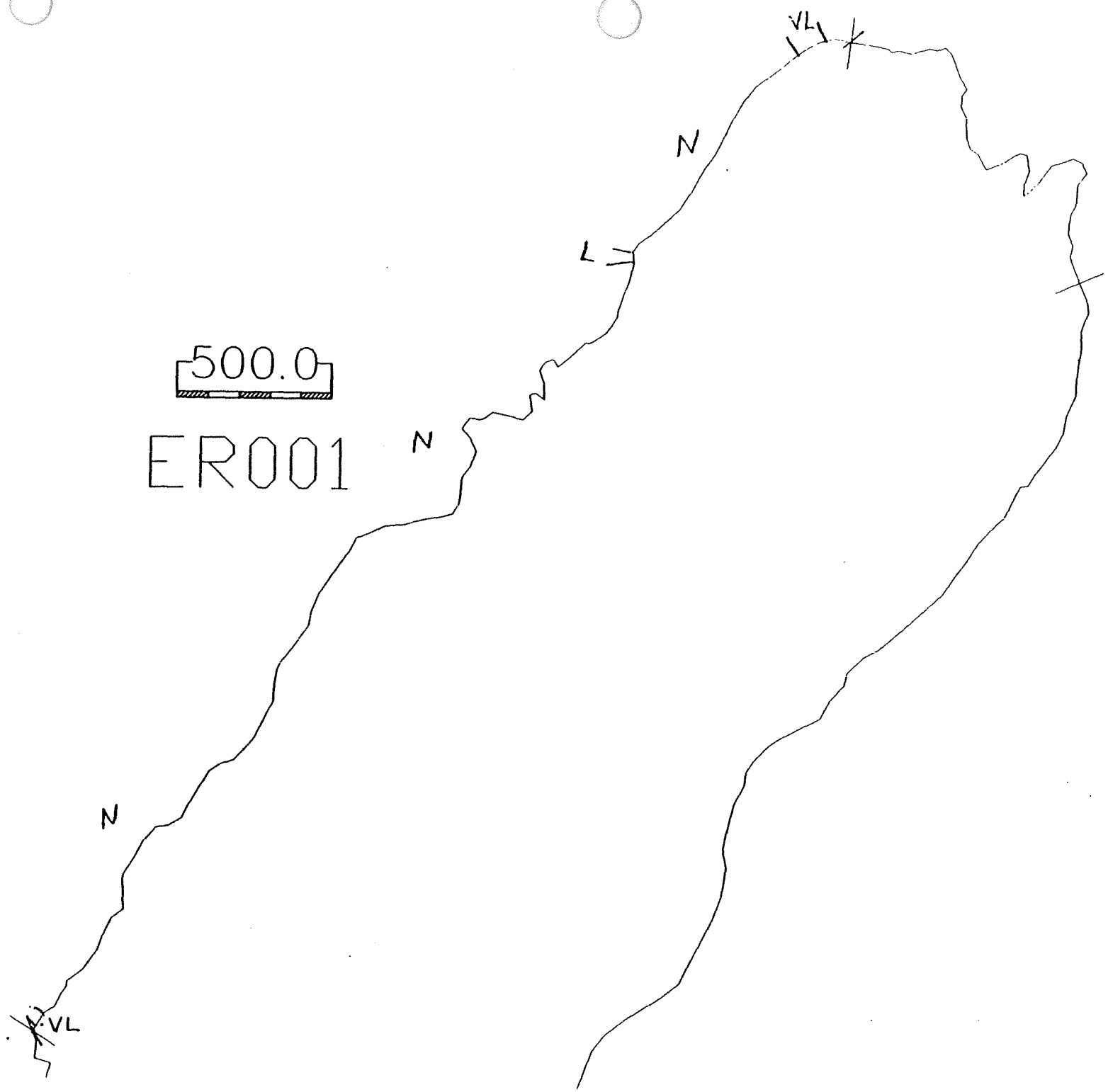
DAMAGED OR OILED ORGANISMS

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

ET - ER



500.0
ER001

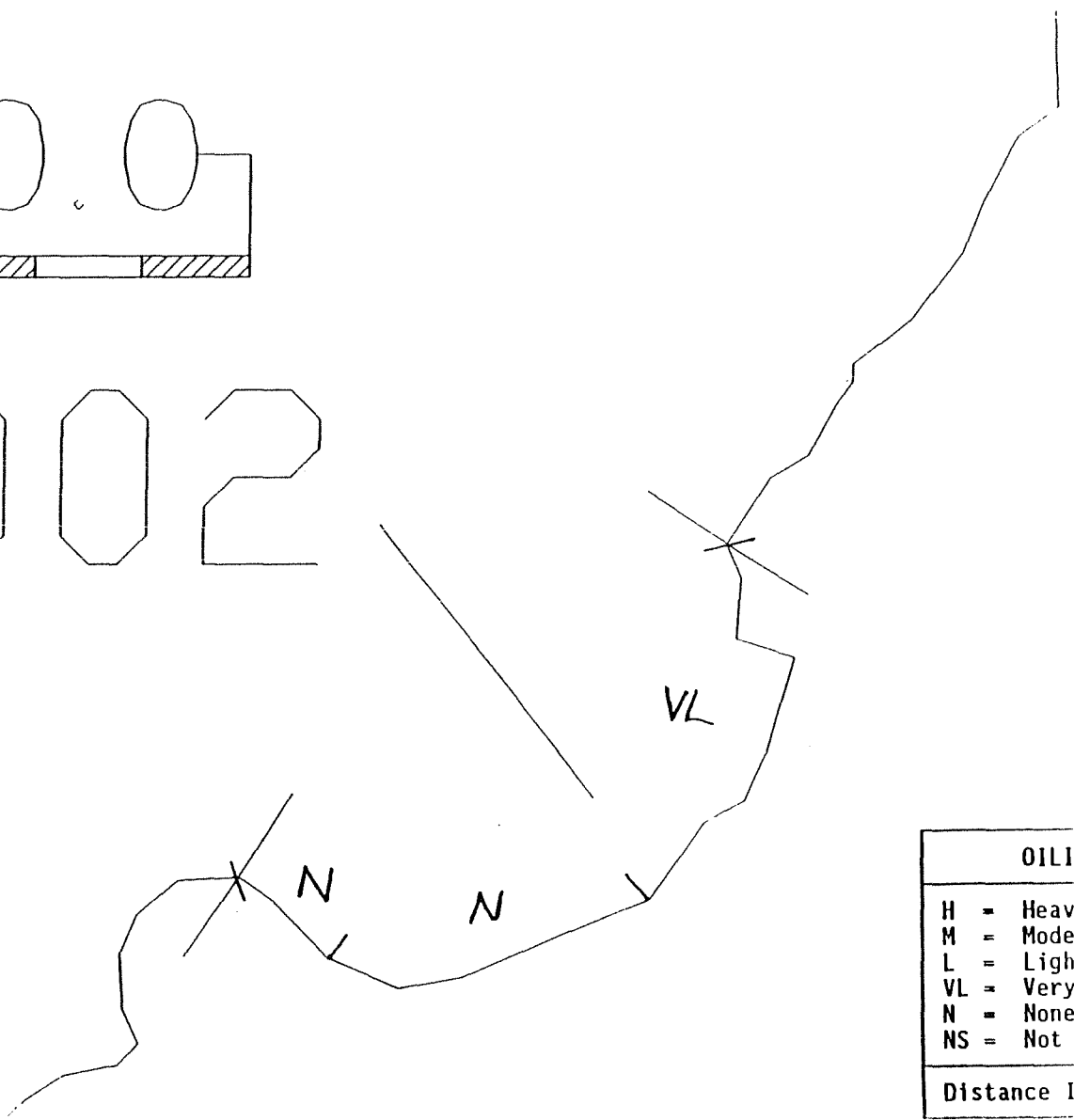
OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveye
Distance In Meter	

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER002 LOCATION: NW ELRINGTON ISLAND Survey Type: Boat, Ground Team: B. McCready, P. Montesano	DATE: 10/14/89 TIME: 10:05
WEATHER AND SEA CONDITIONS	
Weather: Rain Sea State: Rough Low Tide: 7:21 Feet: 0.19 Low Tide: 19:53 Feet: -2.3	Wind Direction: NW Knots: 16-30 High Tide: 13:29 Feet: 14.4 High Tide: 1:24 Feet: 12.8
SHORELINE DESCRIPTION	
Shoretypes: H,LR,B (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh) Wave Exposure: M (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: M,VL (N=none, VL=very light, L=Light, M=moderate, H=heavy) Area of Impact: M (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: 0 cm (35 = 35 cm or greater) Percent Segment Categorized as Oiled: 40% Presence of Oiled Driftwood (y/n): n Oil Types: T (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain) Samples: none / none / none / none	
DAMAGED OR OILED ORGANISMS	
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n Dead Mammals: 0 Dead Birds: 0	
SOLID WASTE FOUND	
Type: None Bags Collected: 0	

500.0

ER0002



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

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER003
 LOCATION: NW ELRINGTON ISLAND

DATE: 10/14/89
 TIME: 9:30

Survey Type: Boat, Ground
 Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Rain
 Sea State: Rough

Wind Direction: NW
 Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: M (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,M
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 20%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none


DAMAGED OR OILED ORGANISMS

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

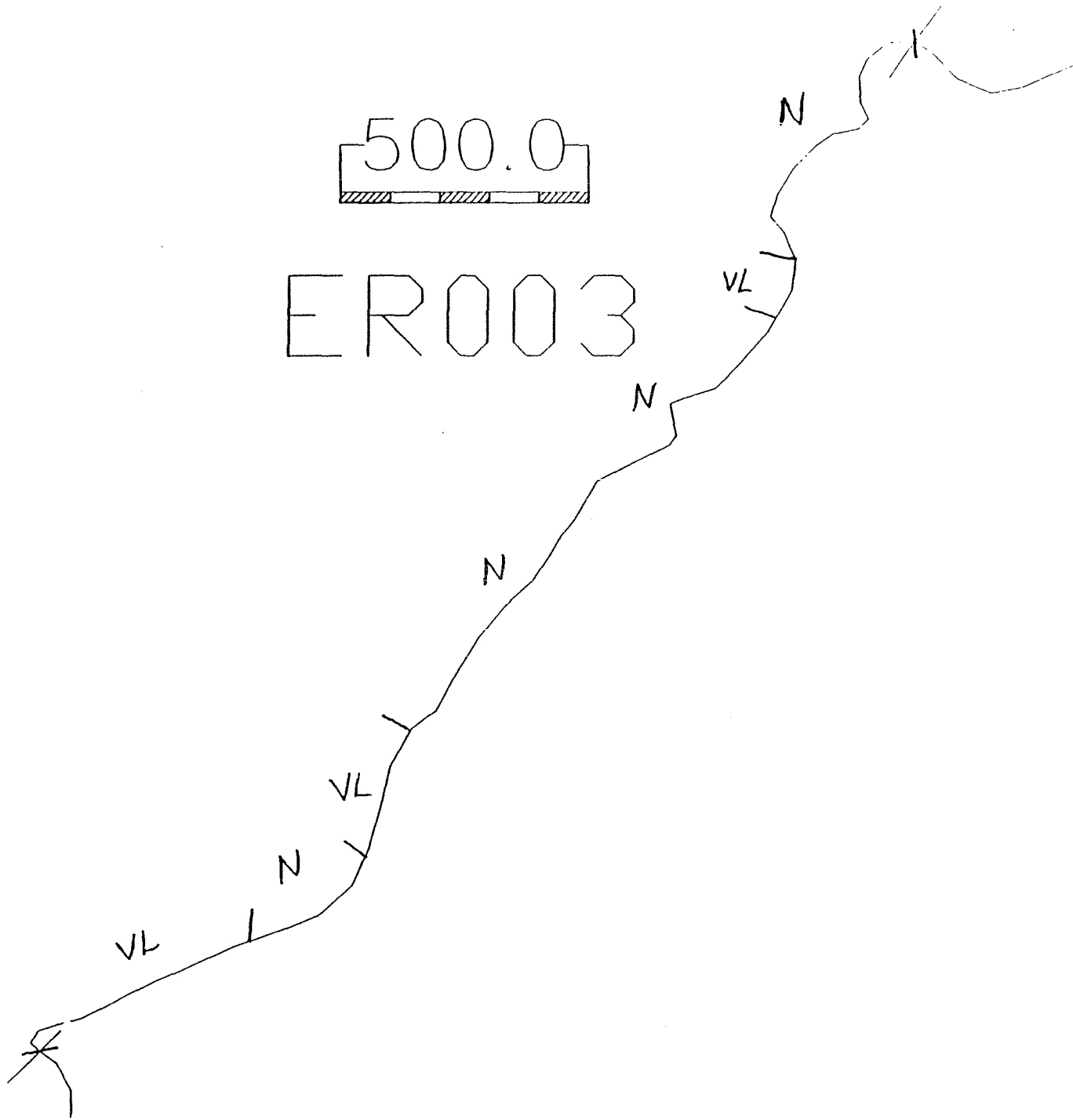
SOLID WASTE FOUND

Type: None
 Bags Collected: 0

500.0



ER003



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER004
 LOCATION: SW ELRINGTON ISLAND

DATE: 10/12/89
 TIME: 18:00

Survey Type: Boat, Ground
 Team: J. Hayes, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (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,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,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: 80%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: ER004-1 / ER004-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 0

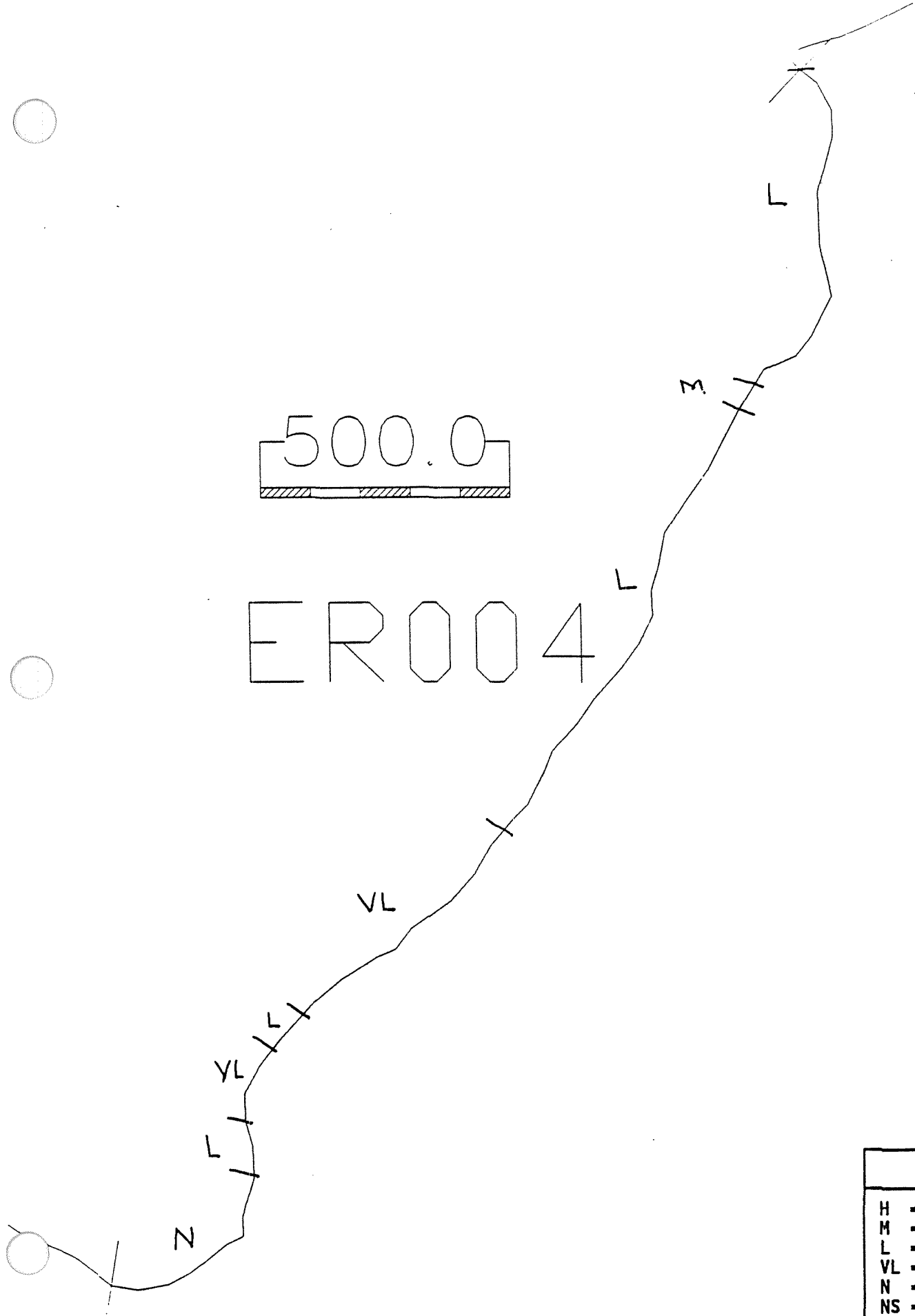
SOLID WASTE FOUND

Type: One locality

Bags Collected: 1

500.0

ER004



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER005
 LOCATION: SW ELRINGTON ISLAND

DATE: 10/14/89
 TIME: 9:11

Survey Type: Boat, Ground
 Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Rain Wind Direction: NW
 Sea State: Rough Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

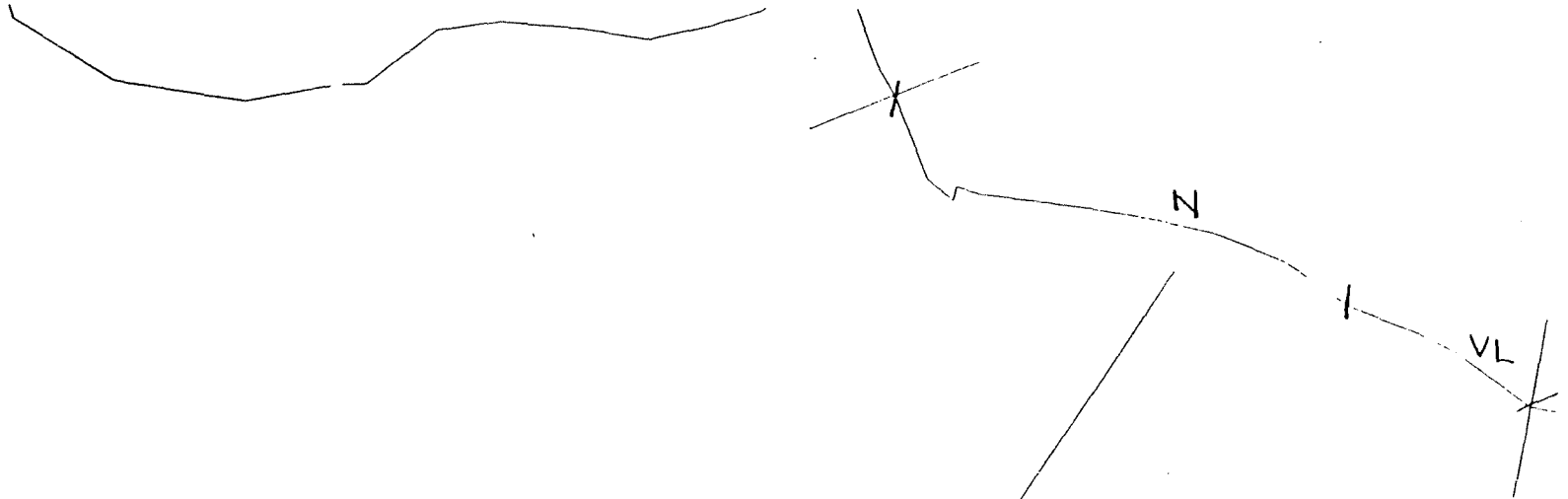
Degree of Oiling: N,VL
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 25%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

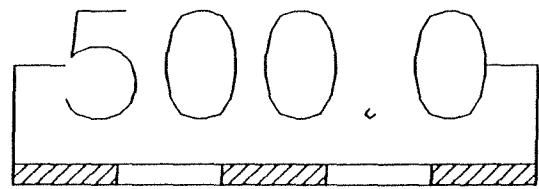
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



ER005



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

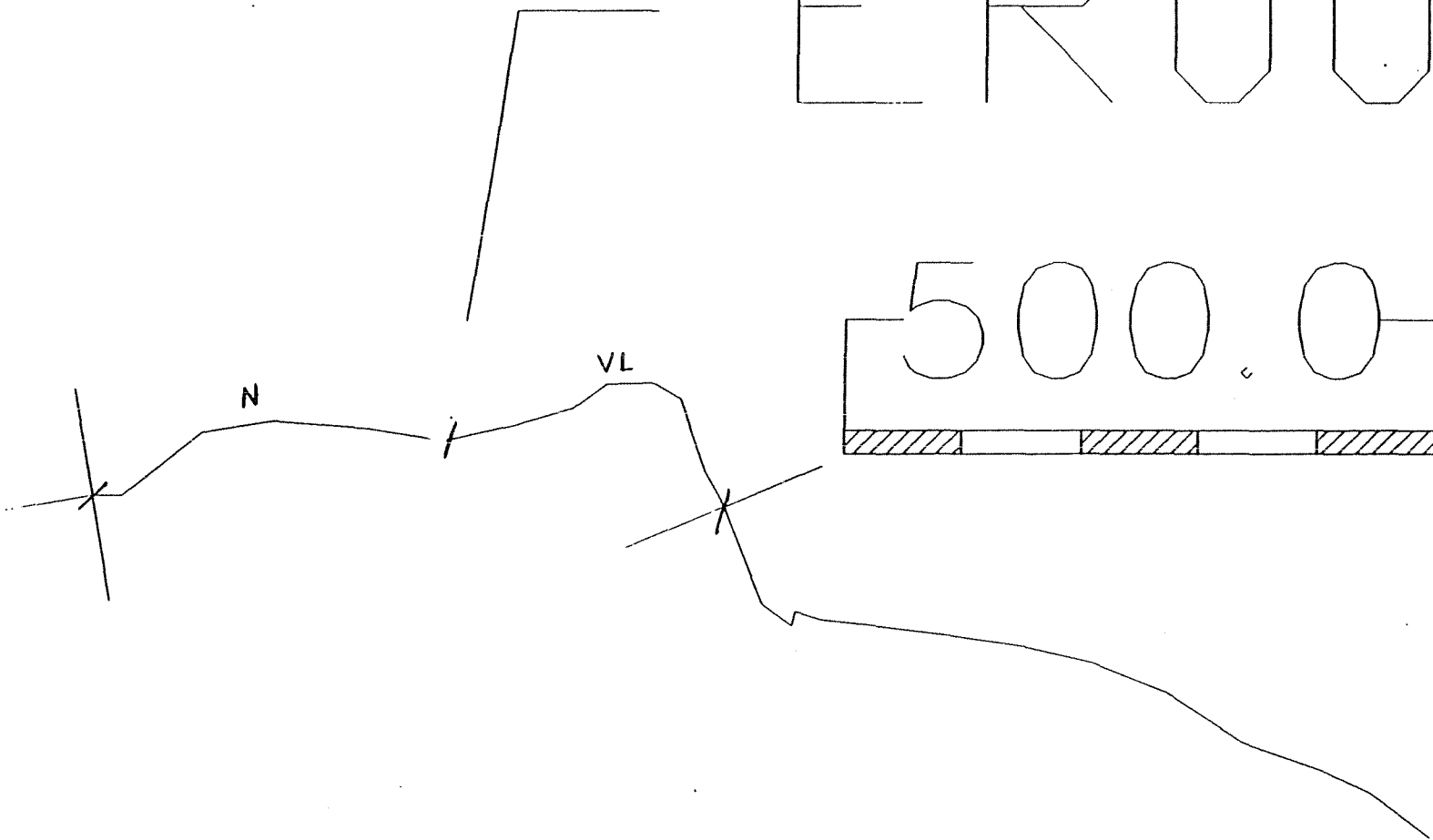


ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER006 LOCATION: SW ELRINGTON ISLAND		DATE: 10/14/89 TIME: 8:55	
Survey Type: Boat, Ground Team: B. McCready, P. Montesano			
<u>WEATHER AND SEA CONDITIONS</u>			
Weather: Rain Sea State: Rough		Wind Direction: NW Knots: 16-30	
Low Tide: 7:21	Feet: 0.19	High Tide: 13:29	Feet: 14.4
Low Tide: 19:53	Feet: -2.3	High Tide: 1:24	Feet: 12.8
<u>SHORELINE DESCRIPTION</u>			
Shoretypes: LR,B (N=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)			
Wave Exposure: M (H=high, M=moderate, L=low)			
Shoreline Composition: B,C (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)			
<u>OIL CHARACTERISTICS</u>			
Degree of Oiling: N,VL (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: 1 mm (1 = 1 mm or less, 0 = no oil)			
Max. Oil Penetration: 0 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 40%			
Presence of Oiled Driftwood (y/n): n			
Oil Types: T (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: none / none / none / none			
<u>DAMAGED OR OILED ORGANISMS</u>			
Fucus (y/n): n		Barnacles (y/n): n	
Dead Mammals: 0		Mussels (y/n): n	
		Dead Birds: 0	
<u>SOLID WASTE FOUND</u>			
Type: None			
Bags Collected: 0			

ER0006

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER007
LOCATION: SW ELRINGTON ISLAND

DATE: 10/12/89
TIME: 17:16

Survey Type: Ground
Team: J. Hayes, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)

Shoreline Composition: G,S
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: H,M,L
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

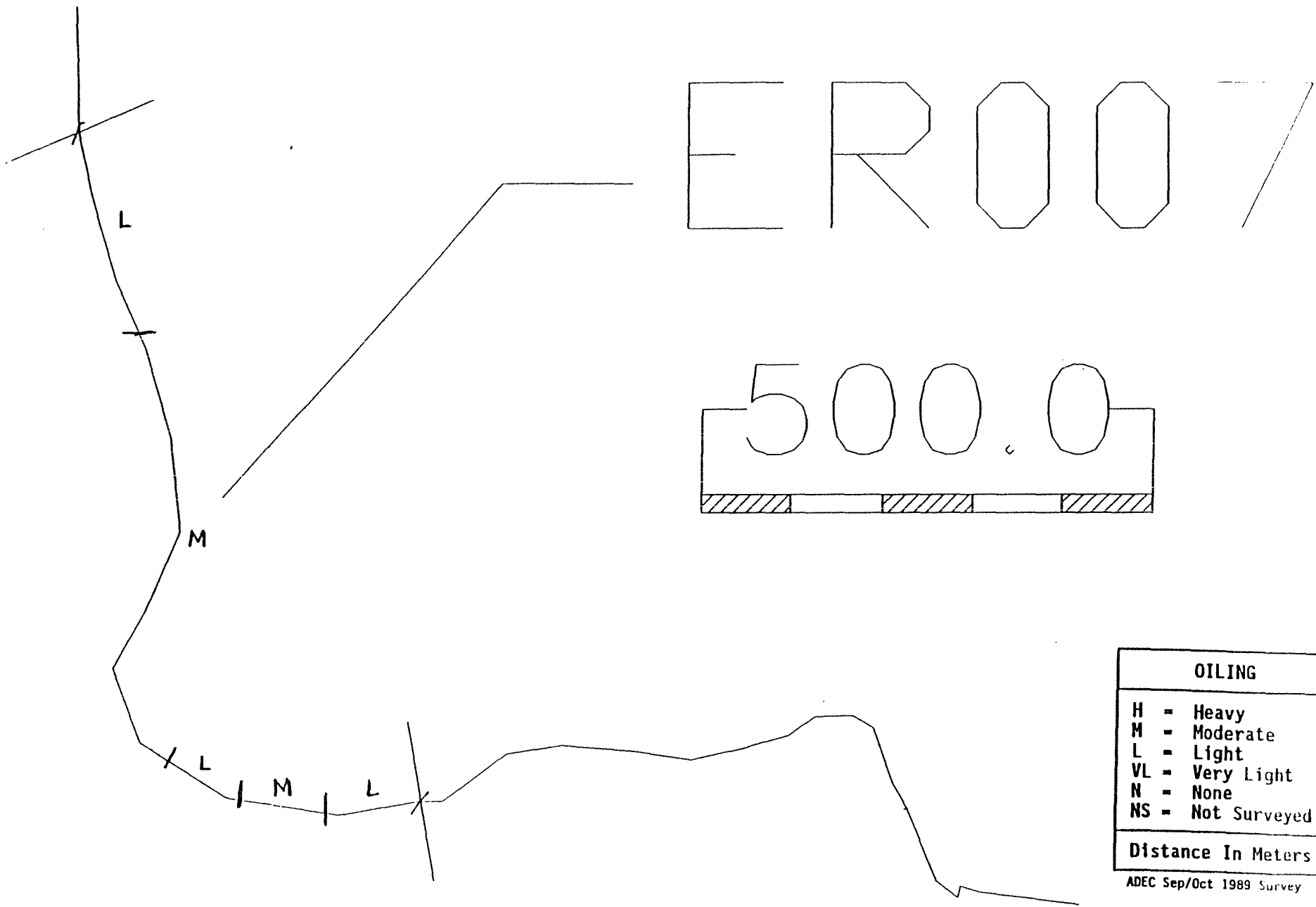
Samples: EL007-1 / EL007-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Many localities, cleanup debris
Bags Collected: 1



ERD007

500.0

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

ADEC Sep/Oct 1989 Survey

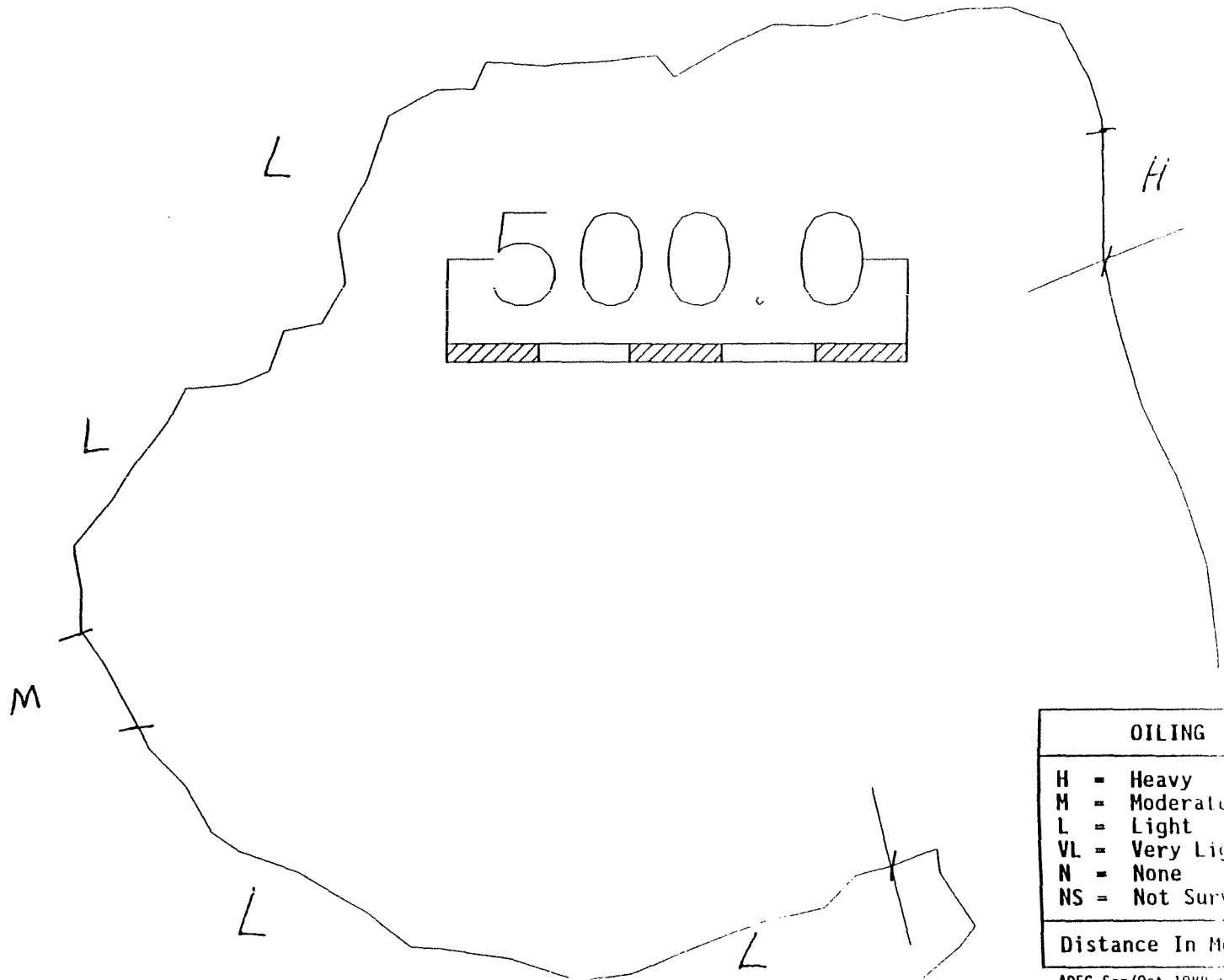
SEEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER008 LOCATION: SW ELRINGTON ISLAND Survey Type: Boat, Ground Team: P. Montesano, J. Hayes		DATE: 10/12/89 TIME: 16:13	
<u>WEATHER AND SEA CONDITIONS</u>			
Weather: Sunny Sea State: Calm		Wind Direction: NW Knots: 0-15	
Low Tide: 6:02 Low Tide: 18:27	Feet: 0.63 Feet: 0.82	High Tide: 12:17 High Tide: -0-	Feet: 12.3 Feet: -0-
<u>SHORELINE DESCRIPTION</u>			
Shoretypes: H,LR,B (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)			
Wave Exposure: H,M (H=high, M=moderate, L=low)			
Shoreline Composition: R,B,C,G (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)			
<u>OIL CHARACTERISTICS</u>			
Degree of Oiling: L,M,H (N=none, VL=very light, L=Light, M=moderate, H=heavy)			
Area of Impact: S,H,M (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: 6 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 100%			
Presence of Oiled Driftwood (y/n): n			
Oil Types: SY,T,A,ST (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: ER008-1 / ER008-2 / none / none			
<u>DAMAGED OR OILED ORGANISMS</u>			
Fucus (y/n): y Dead Mammals: 0		Barnacles (y/n): y Dead Birds: 0	
Mussels (y/n): n			
<u>SOLID WASTE FOUND</u>			
Type: None		Bags Collected: 0	

Draft

Printed: 12/12/89 11:12

ER0008



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

SEGMENT#: ER009
 LOCATION: SW ELRINGTON ISLAND

DATE: 1C/14/89
 TIME: 17:23

Survey Type: Boat, Ground
 Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NW
 Sea State: Moderate Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: 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: 10 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER009-1 / ER009-2 / 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

ER0009

500.0

VL

VL

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER010
 LOCATION: SW ELRINGTON ISLAND

DATE: 10/14/89
 TIME: 16:41

Survey Type: Boat, Ground
 Team: J. Hayes, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

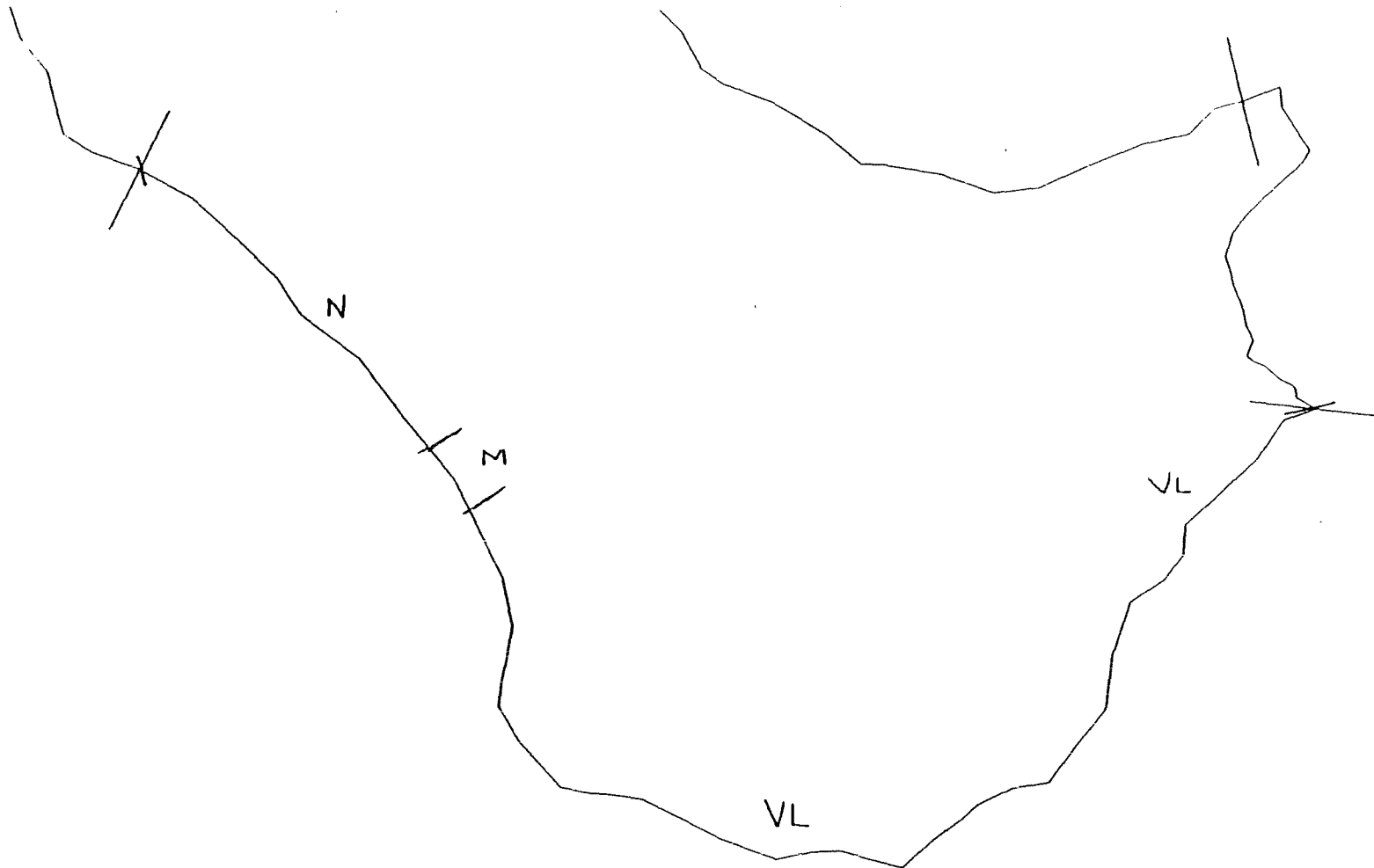
Degree of Oiling: N,VL,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 10 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 75%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER010-1 / ER010-2 / none / none

DAMAGED OR OILED ORGANISMS

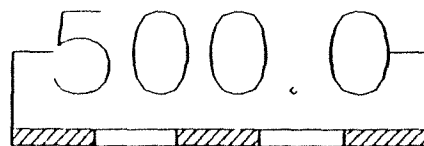
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



ER010



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER011
 LOCATION: SW ELRINGTON ISLAND

DATE: 10/14/89
 TIME: 16:35

Survey Type: Boat, Ground
 Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NW
 Sea State: Moderate Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: B,C,G,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M,L
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 10 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): -
 Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER011-1 / ER011-2 / none / none

DAMAGED OR OILED ORGANISMS

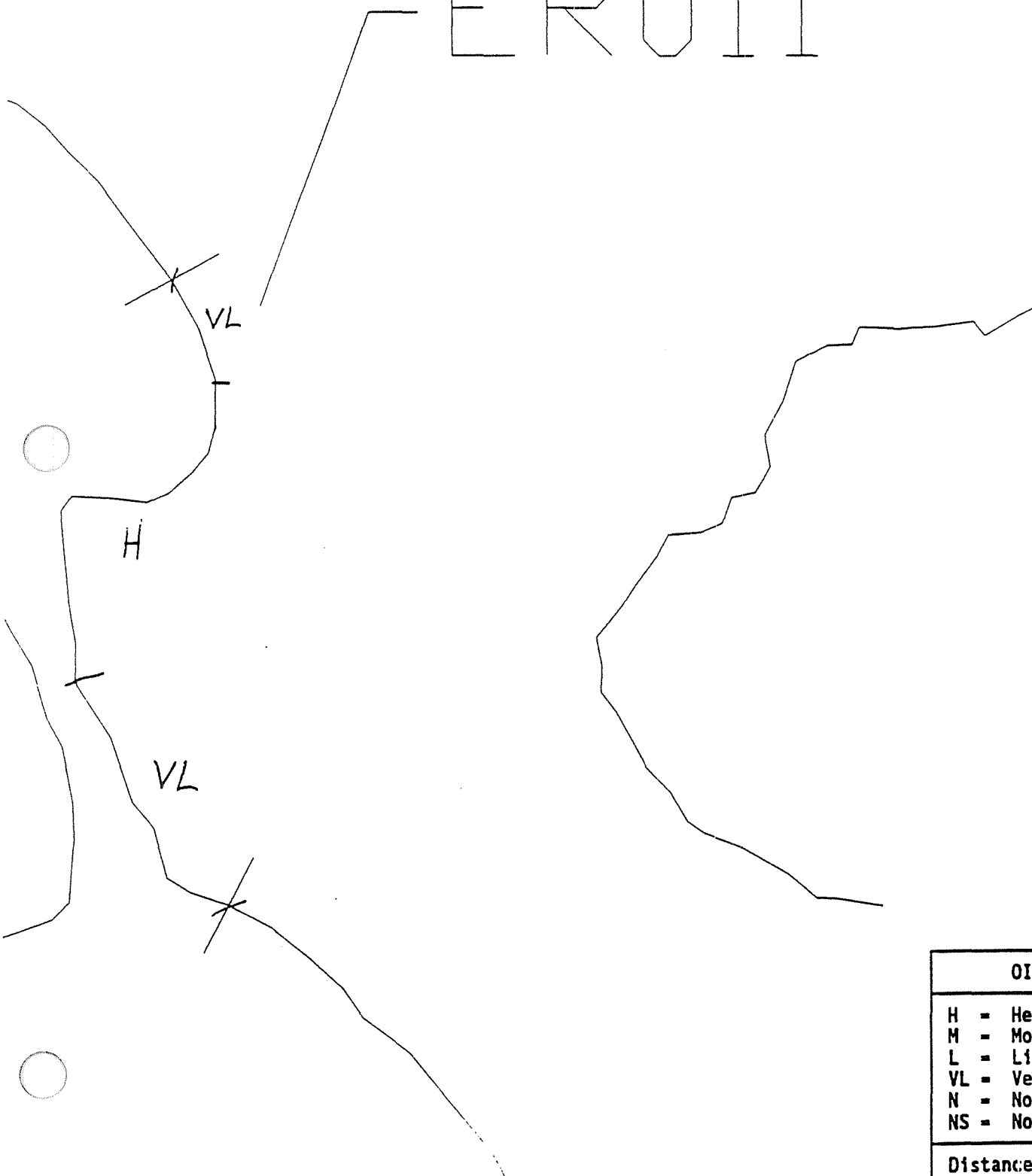
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

500.0

ER011



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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER012
LOCATION: SW ELRINGTON ISLAND

DATE: 10/14/89
TIME: 9:15

Survey Type: Ground
Team: J. Hayes, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Rough Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: B
(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: C,G,S
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,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: 40 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 10 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: ER012-1 / ER012-2 / none / none

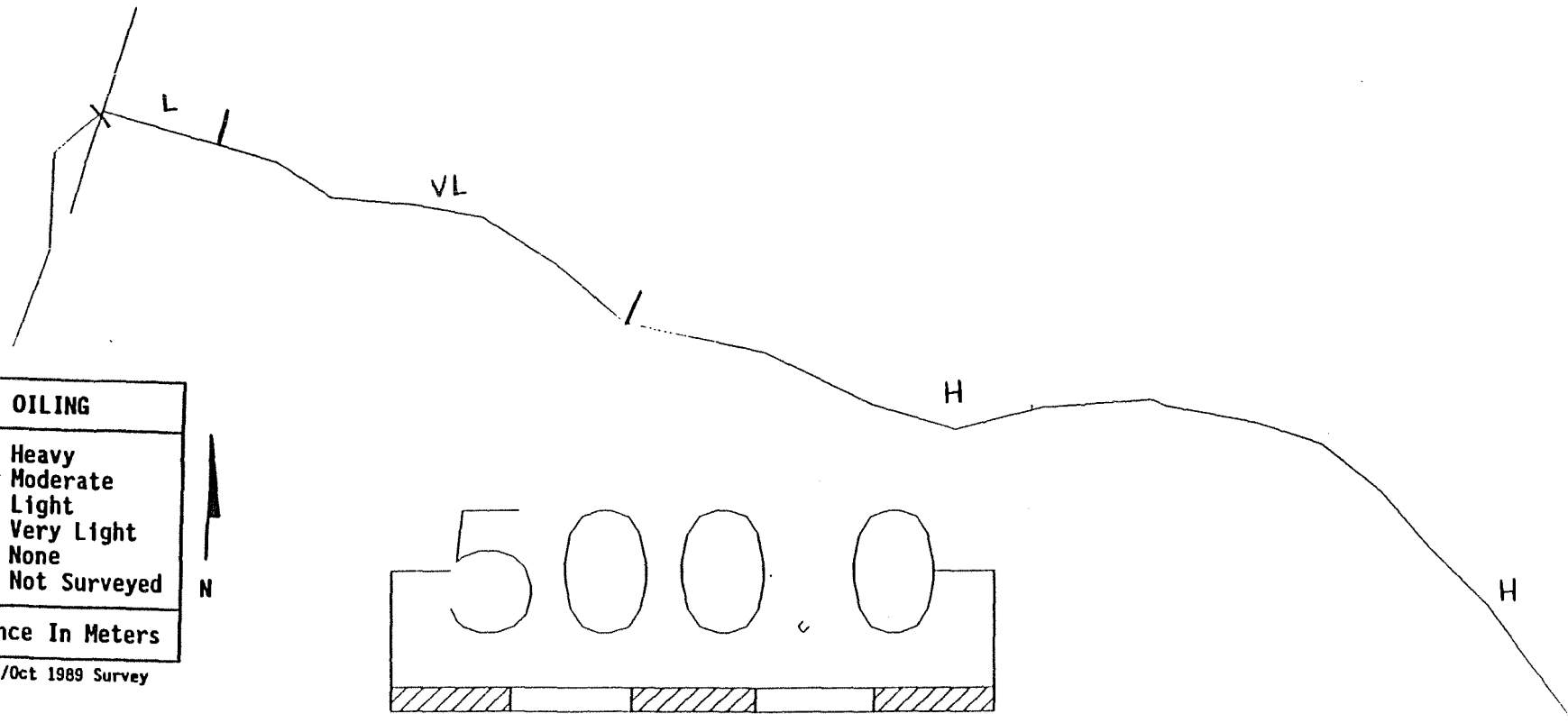
DAMAGED OR OILED ORGANISMS

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

ERRO1



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER013
 LOCATION: SW ELRINGTON ISLAND

DATE: 10/13/89
 TIME: 18:05

Survey Type: Boat, Ground
 Team: J. Hayes, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: C,G,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,H
 (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: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER013-1 / ER013-2 / none / none

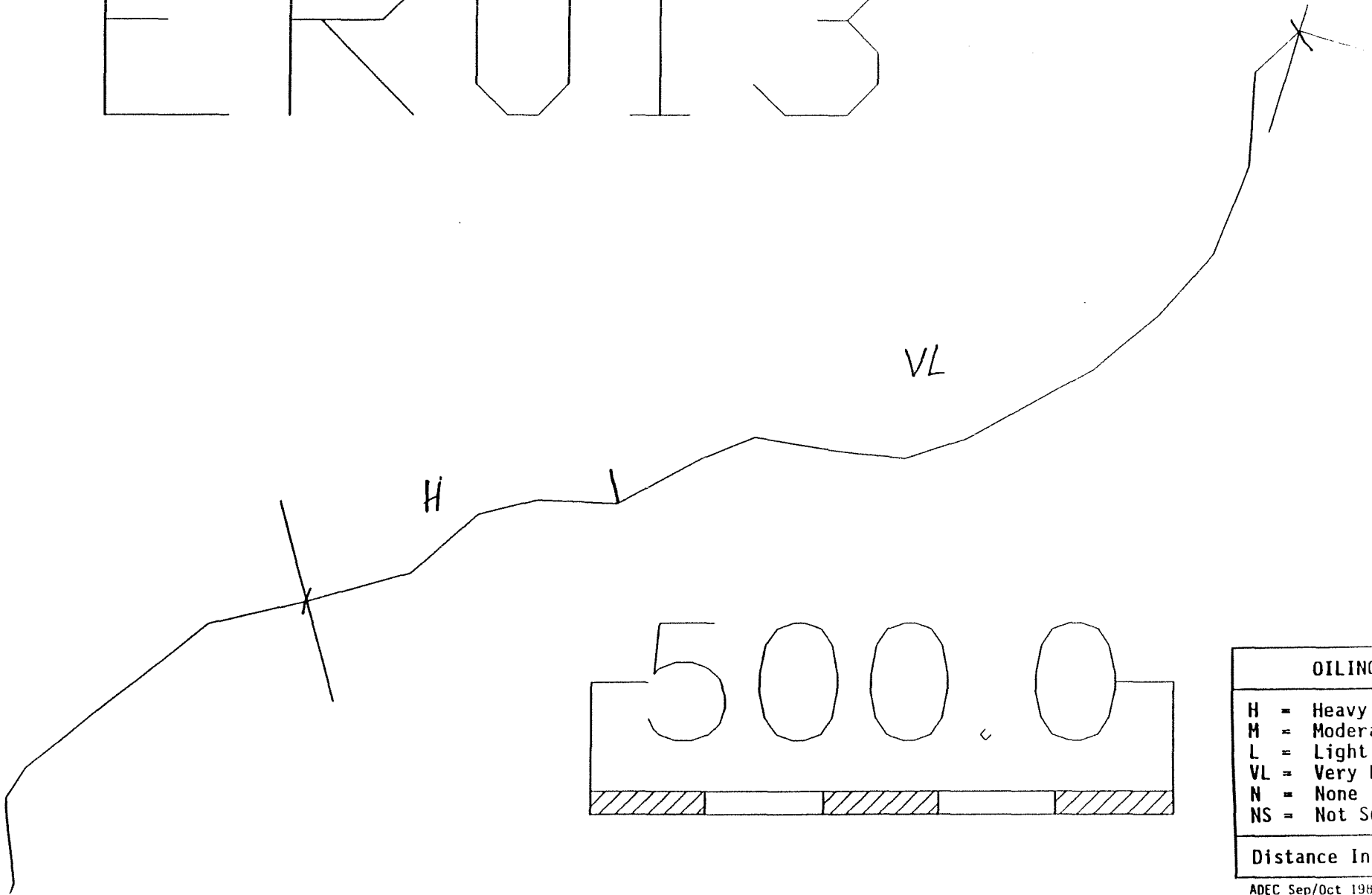
DAMAGED OR OILED ORGANISMS

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

ER013



500.0

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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER014 DATE: 10/13/89
LOCATION: N.TWIN BAY, ELRINGTON I. TIME: 17:21

Survey Type: Boat, Ground
Team: J. Hayes, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
(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
(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: 0 cm (35 = 35 cm or greater)

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

DAMAGED OR OILED ORGANISMS

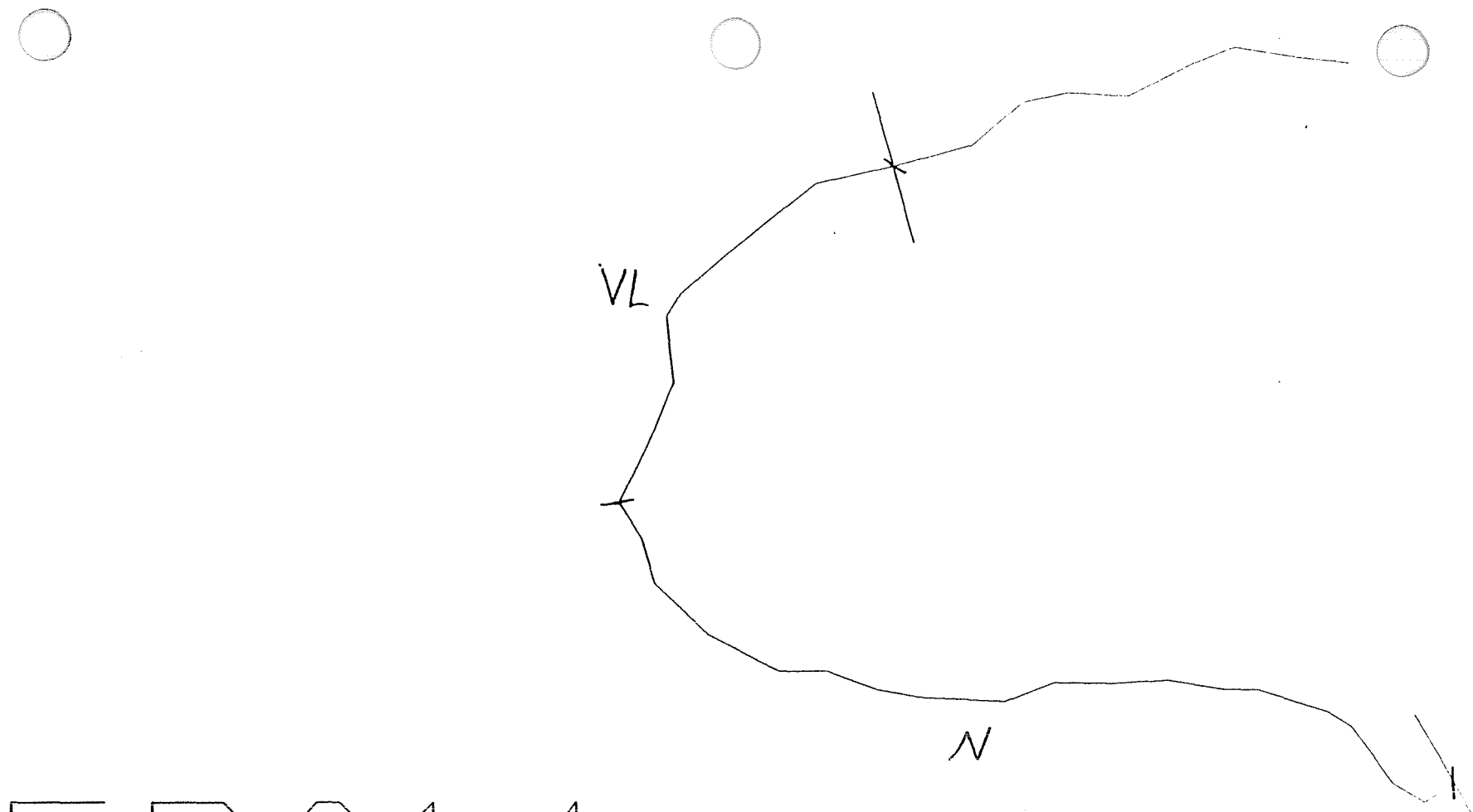
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

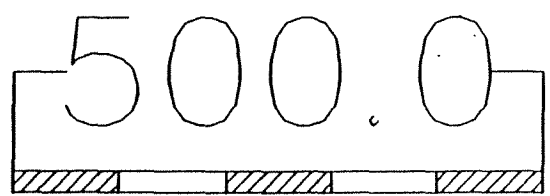
Type: None
Bags Collected: 0

Draft

Printed: 12/12/89 11:13



ER014



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

ALDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER015
 LOCATION: N.TWIN BAY, ELRINGTON I.

DATE: 10/13/89
 TIME: 17:00

Survey Type: Boat, Ground
 Team: J. Hayes, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: B
 (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: B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

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

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

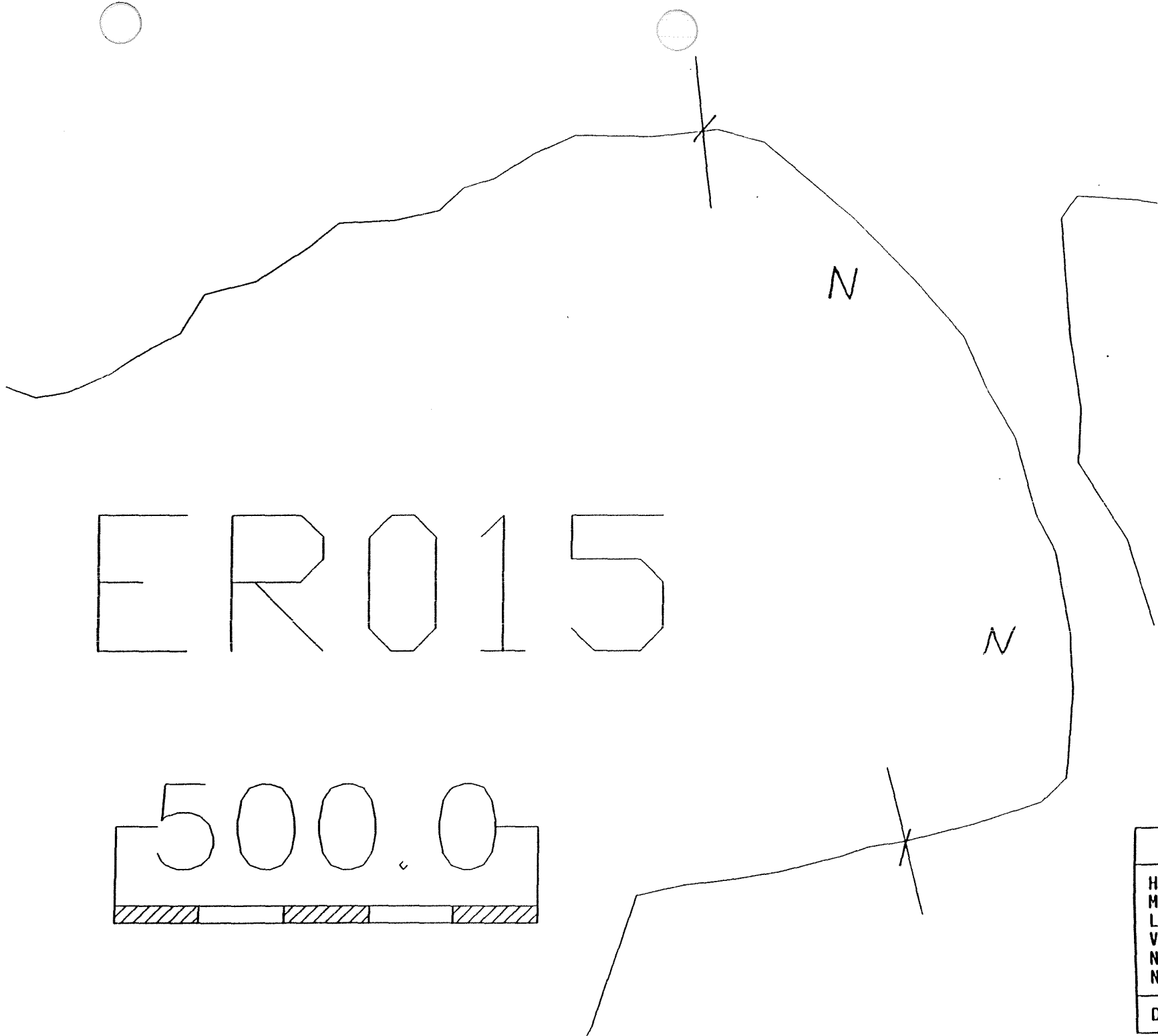
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

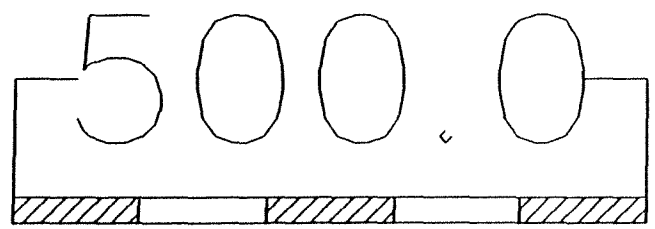
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



ER015



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

4DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER016 DATE: 10/13/89
 LOCATION: N.TWIN BAY, ELRINGTON I. TIME: 17:11

Survey Type: Boat
 Team: J. Hayes, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,LR
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

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

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

Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

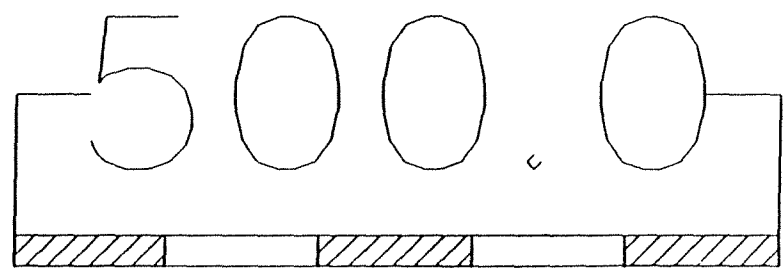
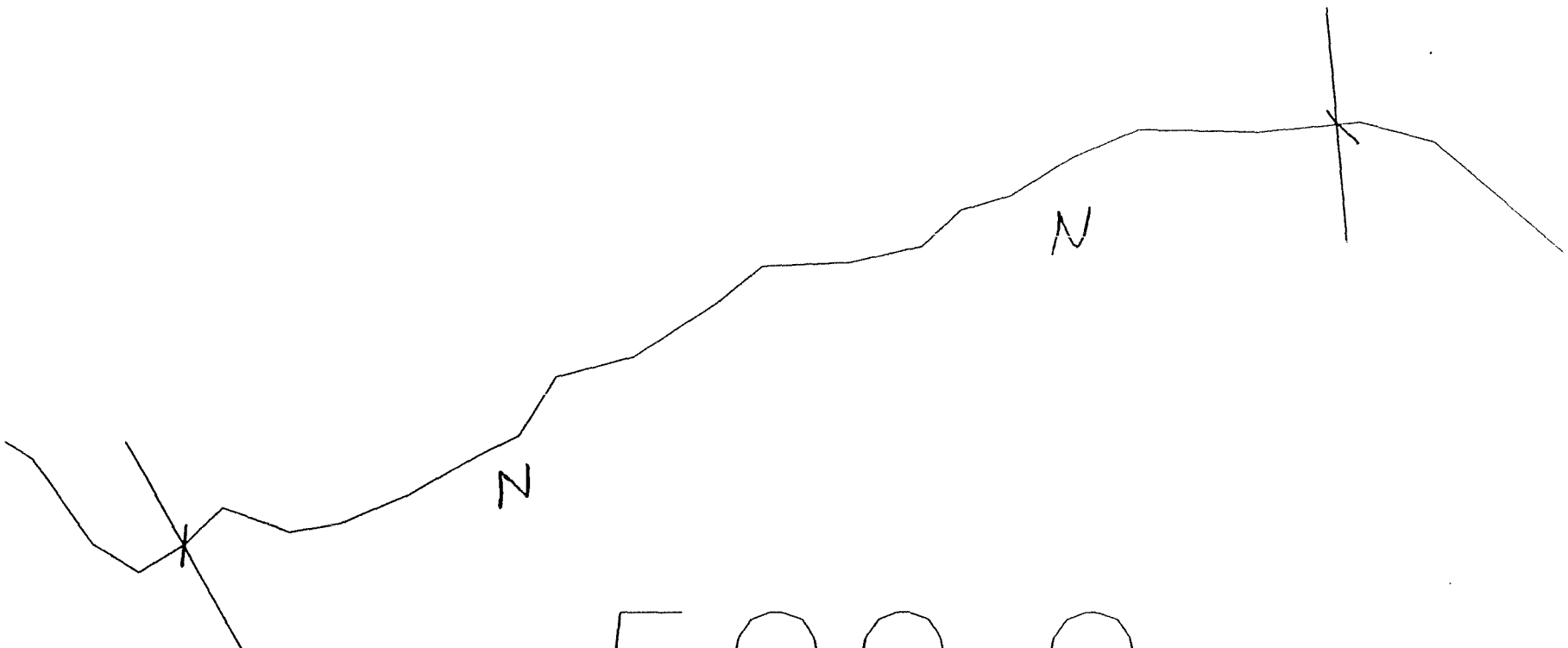
DAMAGED OR OILED ORGANISMS

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

ER016



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

ADDEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER017 DATE: 10/13/89
 LOCATION: N.TWIN BAY, ELRINGTON I. TIME: 17:55

Survey Type: Boat, Ground
 Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

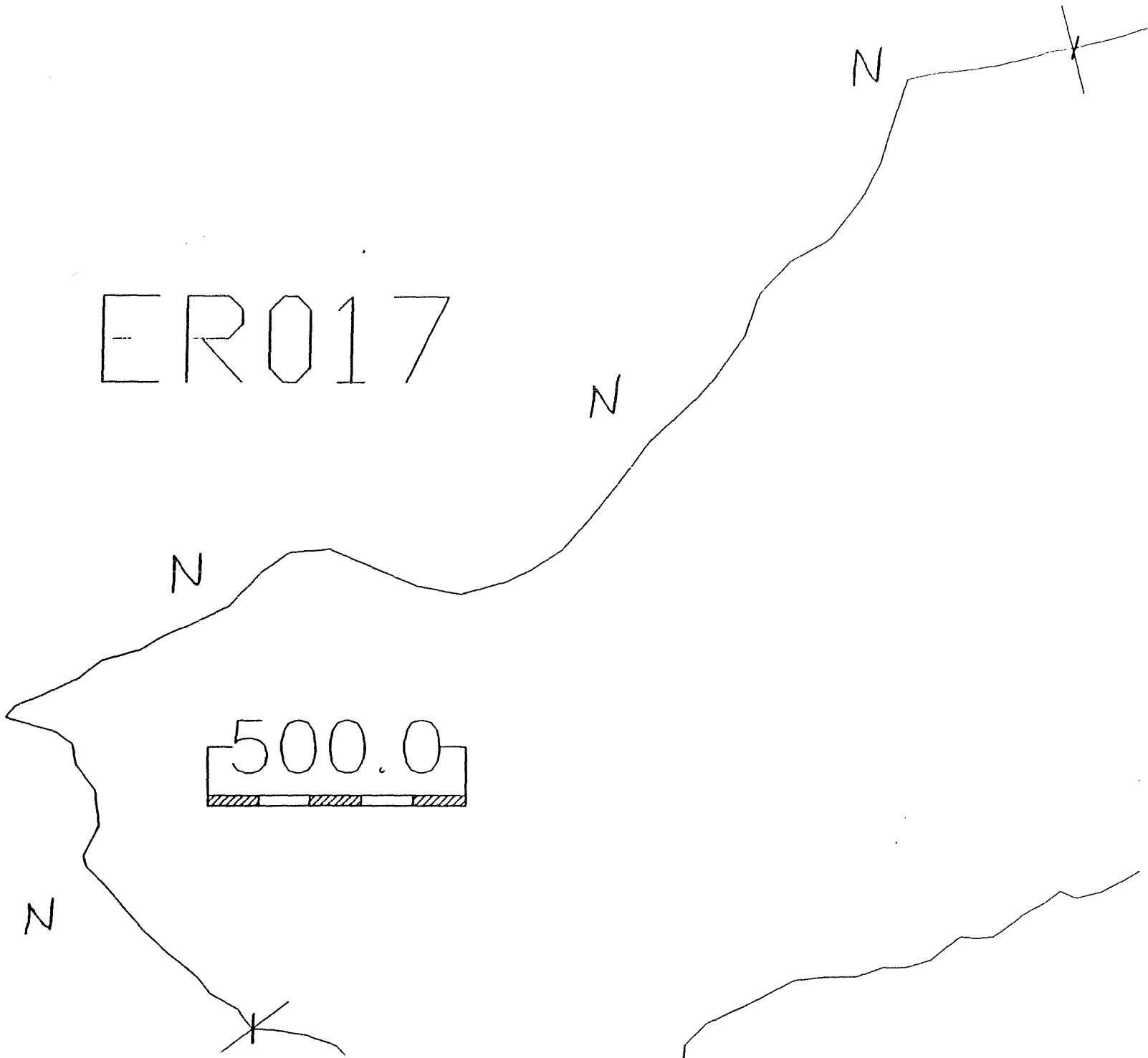
DAMAGED OR OILED ORGANISMS

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

ER017



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

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER018 DATE: 10/13/89
LOCATION: S.TWIN BAY, ELRINGTON I. TIME: 17:20

Survey Type: Boat, Ground
Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
(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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

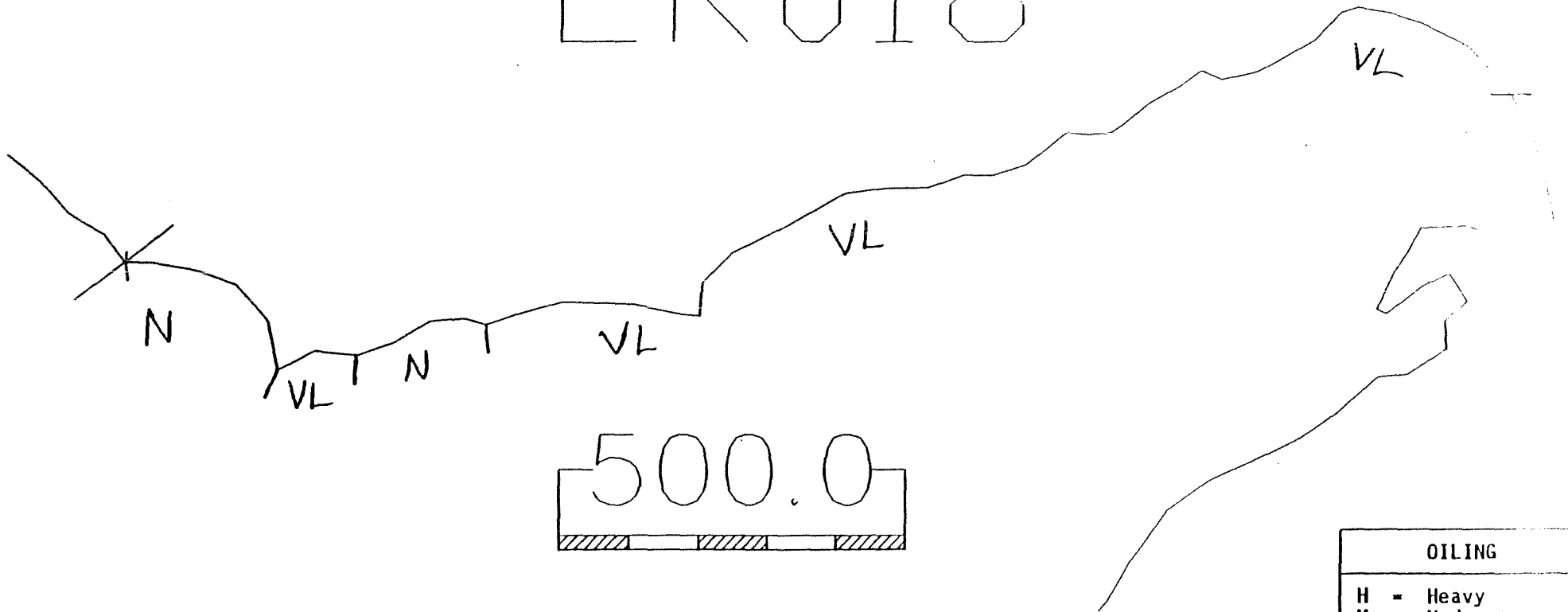
DAMAGED OR OILED ORGANISMS

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

ER018



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER019
 LOCATION: S.TWIN BAY, ELRINGTON I.

DATE: 10/13/89
 TIME: 17:00

Survey Type: Boat, Ground
 Team: B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: B
 (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: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

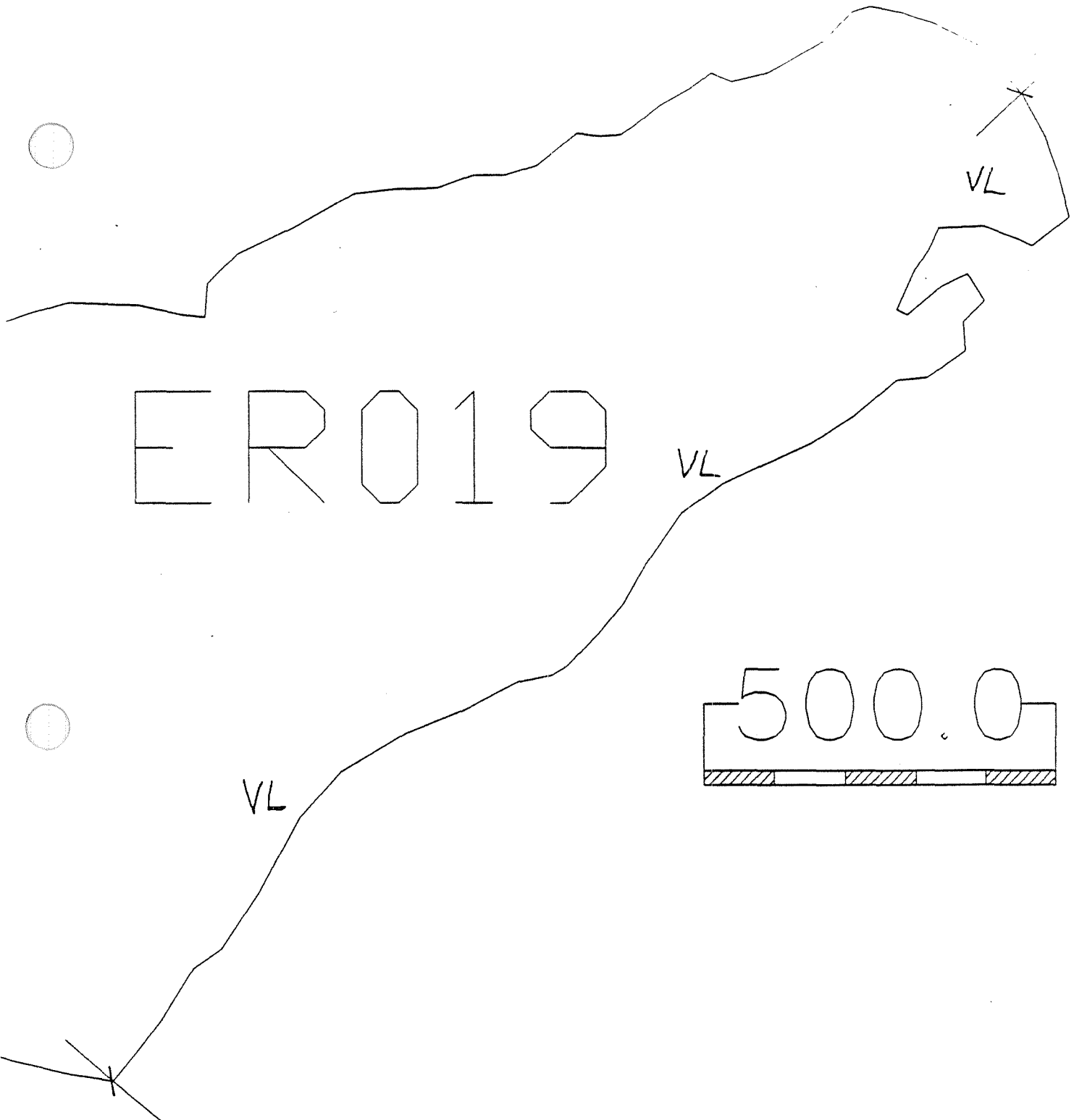
Samples: ER019-1 / ER019-2 / none / none

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



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

N

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER020
 LOCATION: NE ELRINGTON ISLAND

DATE: 10/01/89
 TIME: 10:00

Survey Type: Boat, Ground
 Team: D. Hall, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: SE
 Knots: 0-15

Low Tide: 21:11 Feet: -0.3 High Tide: 2:51 Feet: 11.7
 Low Tide: 8:43 Feet: 1.46 High Tide: 14:47 Feet: 12.9

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C,G,S,M
 (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: S,H,M,L
 (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: 15 cm (35 = 35 cm or greater)

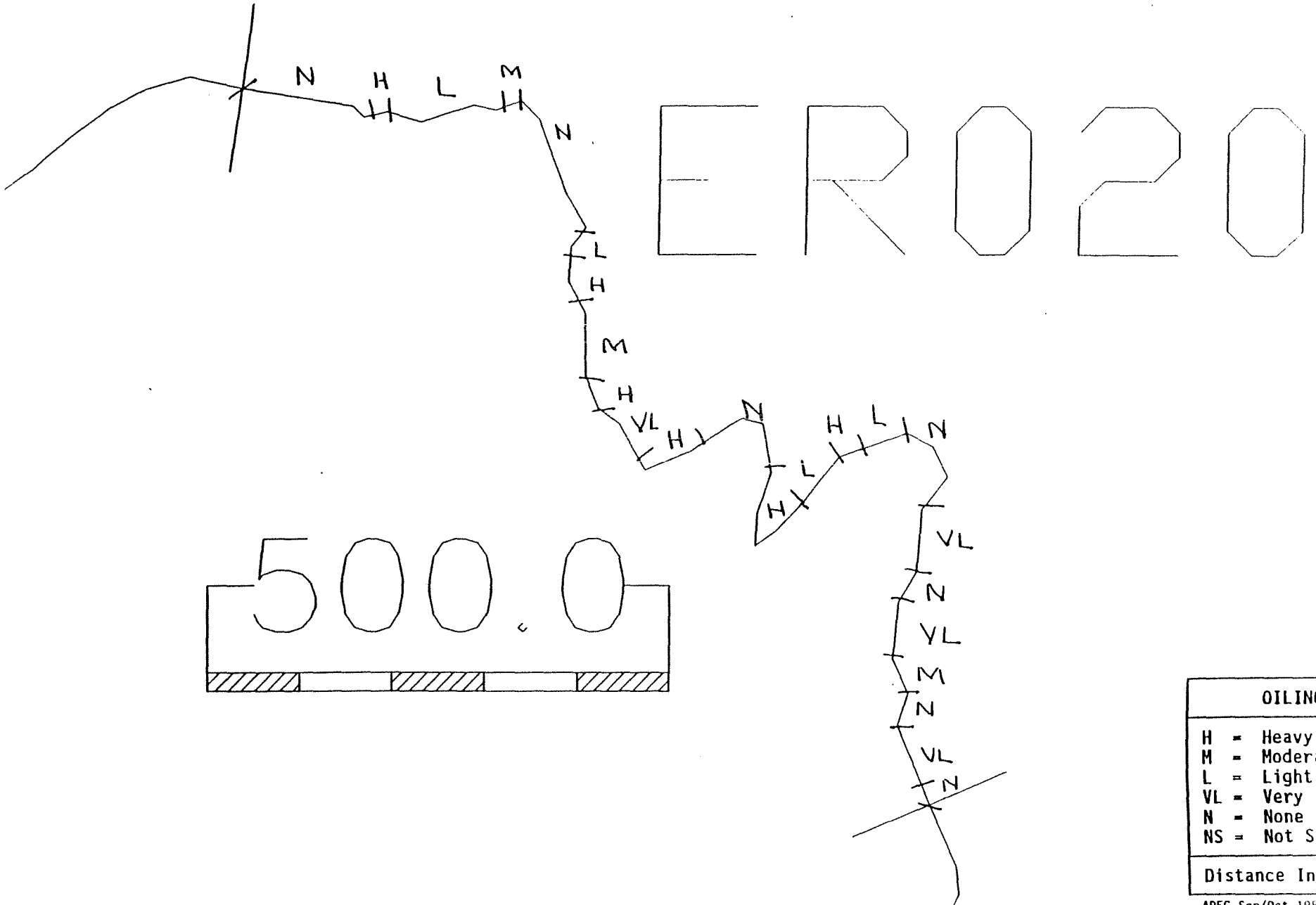
Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER020-1 / ER020-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ERO21
 LOCATION: NE ELRINGTON ISLAND

DATE: 10/11/89
 TIME: 15:54

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 16-30

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M,M (H=high, M=moderate, L=low)
 Shoreline Composition: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

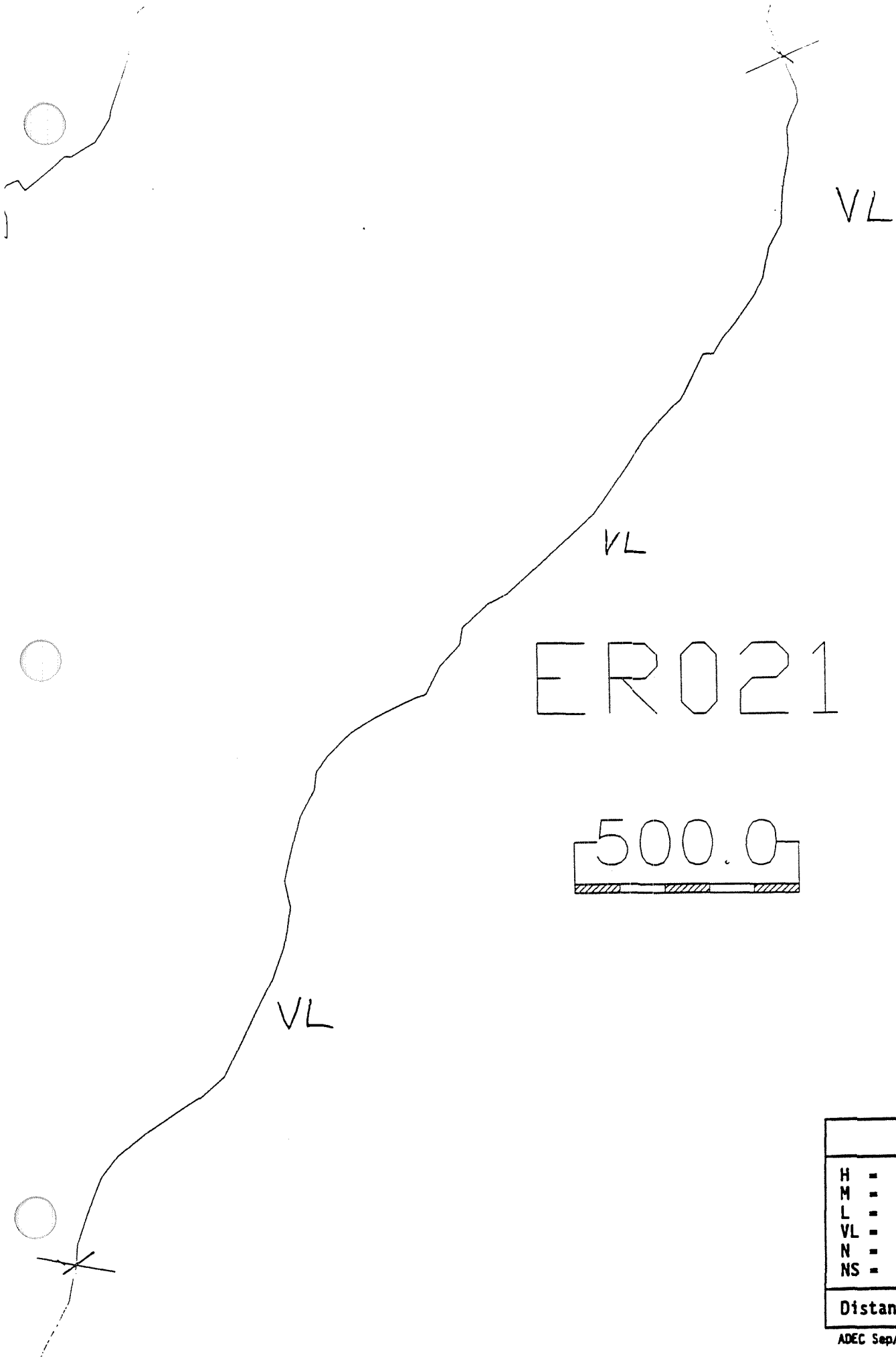
Degree of Oiling: VL
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: M,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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



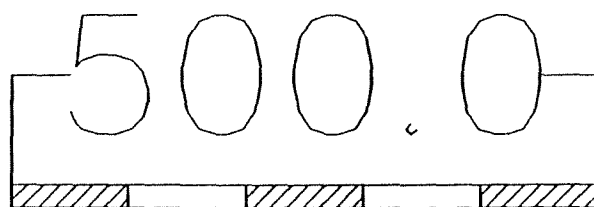
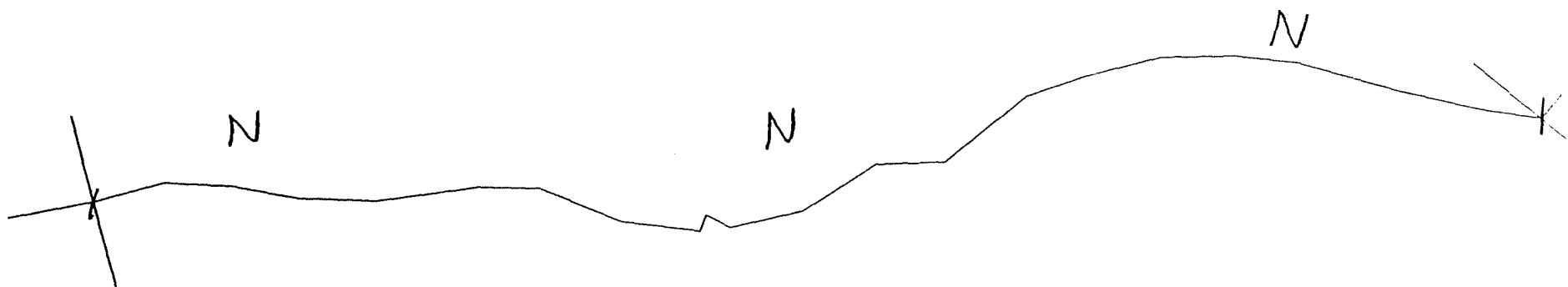
ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER022 LOCATION: S.TWIN BAY, ELRINGTON I.	DATE: 10/13/89 TIME: 16:52
Survey Type: Boat, Ground Team: B. McCready, P. Montesano	
WEATHER AND SEA CONDITIONS	
Weather: Sunny, Cloudy Sea State: Calm	Wind Direction: 0 Knots: 0
Low Tide: 6:42 Feet: 0.22 Low Tide: 19:10 Feet: -0.9	High Tide: 12:53 Feet: 13.4 High Tide: 0:34 Feet: 12.4
SHORELINE DESCRIPTION	
Shoretypes: H,LR,B (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 (N=none, VL=very light, L=light, M=moderate, H=heavy)	
Area of Impact: none (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)	
Max. Oil Thickness: 0 mm (1 = 1 mm or less, 0 = no oil)	
Max. Oil Penetration: 0 cm (35 = 35 cm or greater)	
Percent Segment Categorized as Oiled: 0%	
Presence of Oiled Driftwood (y/n): n	
Oil Types: none (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)	
Samples: none / none / 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 11:14

ER022



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER023 DATE: 10/10/89
LOCATION: S.TWIN BAY, ELRINGTON I. TIME: 18:06

Survey Type: Boat, Ground
Team: G. Pavia

WEATHER AND SEA CONDITIONS

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

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: B,C,G

(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
(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: 1 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 95%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: ER023-1 / ER023-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 0

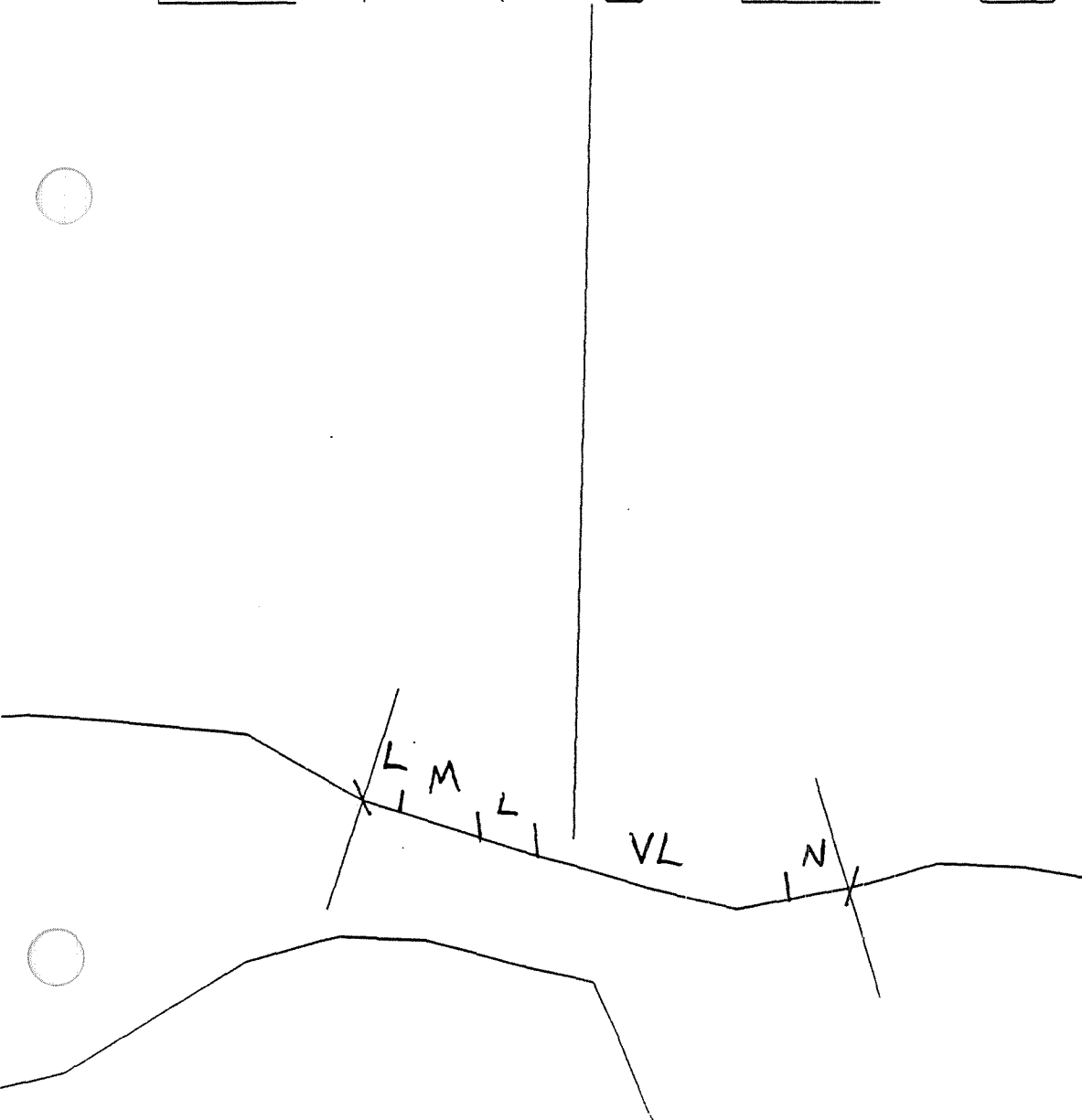
SOLID WASTE FOUND

Type: None

Bags Collected: 0

500.0

ERRO23



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ERO24
 LOCATION: SE ELRINGTON ISLAND

DATE: 10/10/89
 TIME: 19:00

Survey Type: Boat, Ground
 Team: G. Pavia, T. Turner

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: SE
 Sea State: Moderate Knots: 0-15

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
 Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

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

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

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

Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / 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: Many Localities, Garbage, H-P hose, debris
 Bags Collected: 0

EV01 - EV28

ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV054A
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/13/89
 TIME: 9:37

Survey Type: Boat, Ground
 Team: J. Hayes, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M
 (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: 2 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EV054A-1 / EV054A-2 / none / none

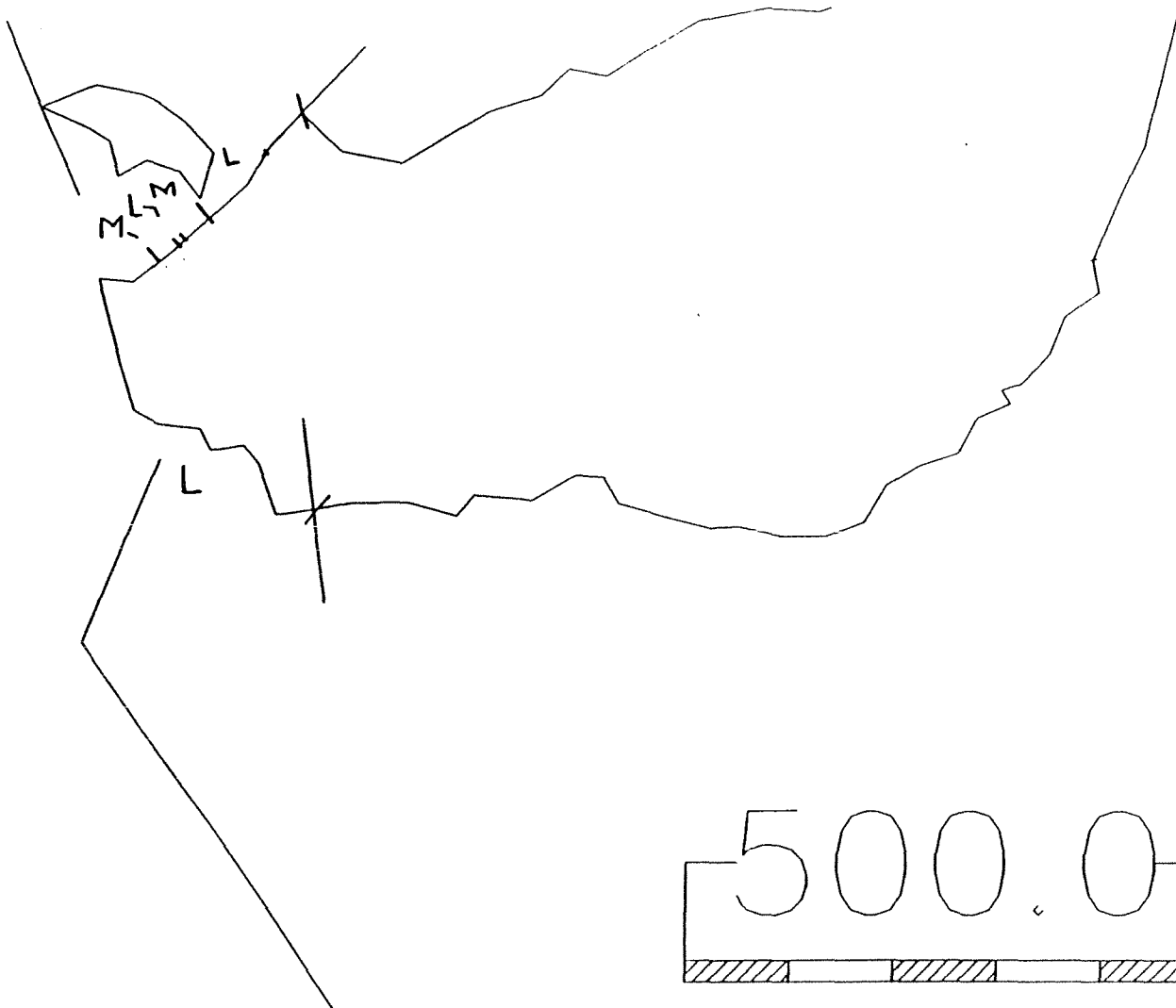
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality

Bags Collected: 1



500.0

EV054A

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

N

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV054B
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/12/89
 TIME: 8:30

Survey Type: Boat, Ground
 Team: P. Montesano, J. Hayes

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M,L
 (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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EV054B-1 / EV054B-2 / none / none

DAMAGED OR OILED ORGANISMS

Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y

Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

Bags Collected: 0

EV054B

500.0

VL L H L M L H L

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

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV056
 LOCATION: SAWMILL BAY, EVANS I.

DATE: 10/13/89
 TIME: 8:35

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 6:42	Feet: 0.22	High Tide: 12:53	Feet: 13.4
Low Tide: 19:10	Feet: -0.9	High Tide: 0:34	Feet: 12.4

SHORELINE DESCRIPTION

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

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

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

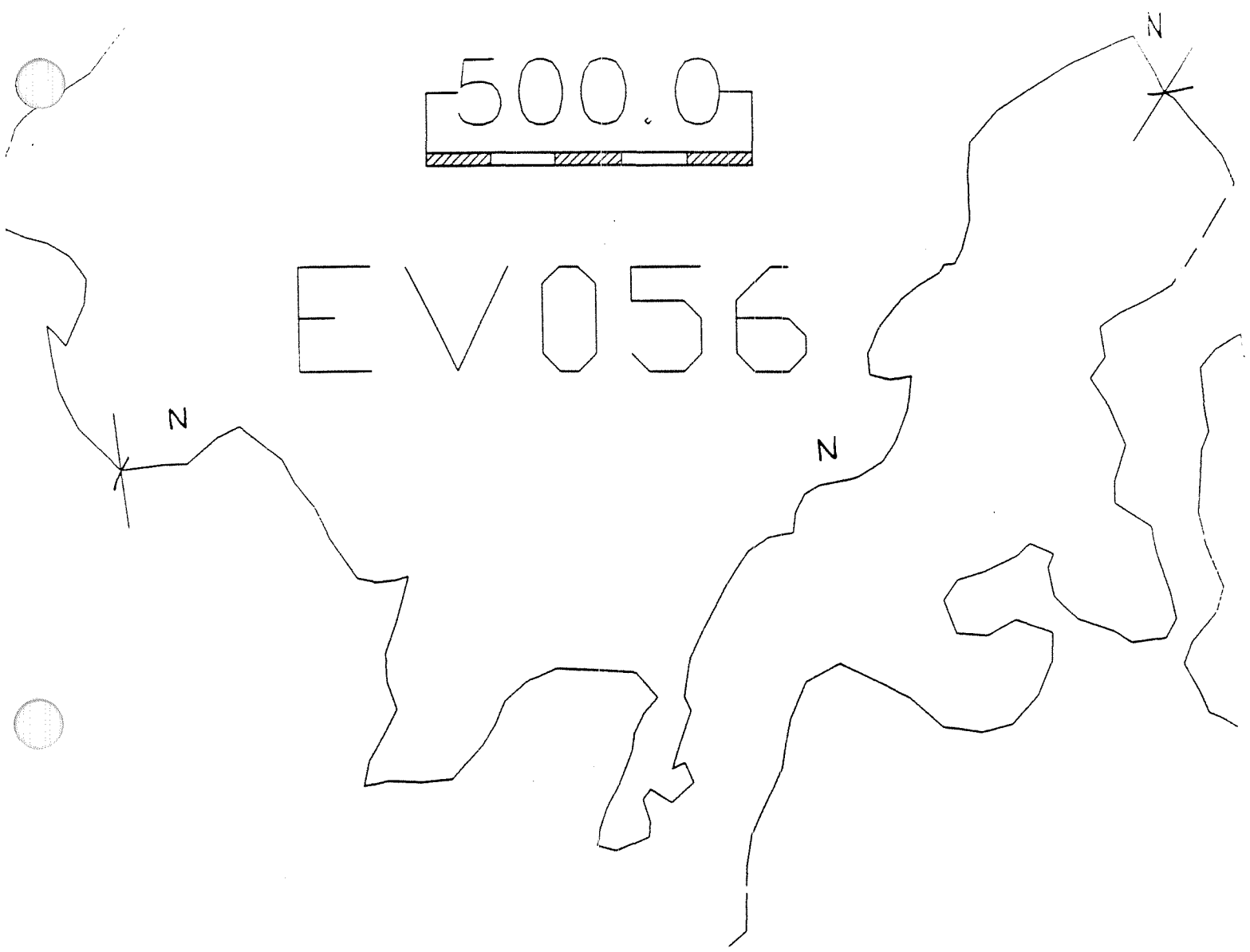
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



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

ADec EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV057A
LOCATION: ISLAND OFF E EVANS I.

DATE: 10/12/89
TIME: 8:30

Survey Type: Boat, Ground
Team: G. Winter, B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 6:02	Feet: 0.63	High Tide: 12:17	Feet: 12.3
Low Tide: 18:27	Feet: 0.82	High Tide: -0-	Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: M (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,L
(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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 70%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EV057A-1 / EV057A-2 / none / none

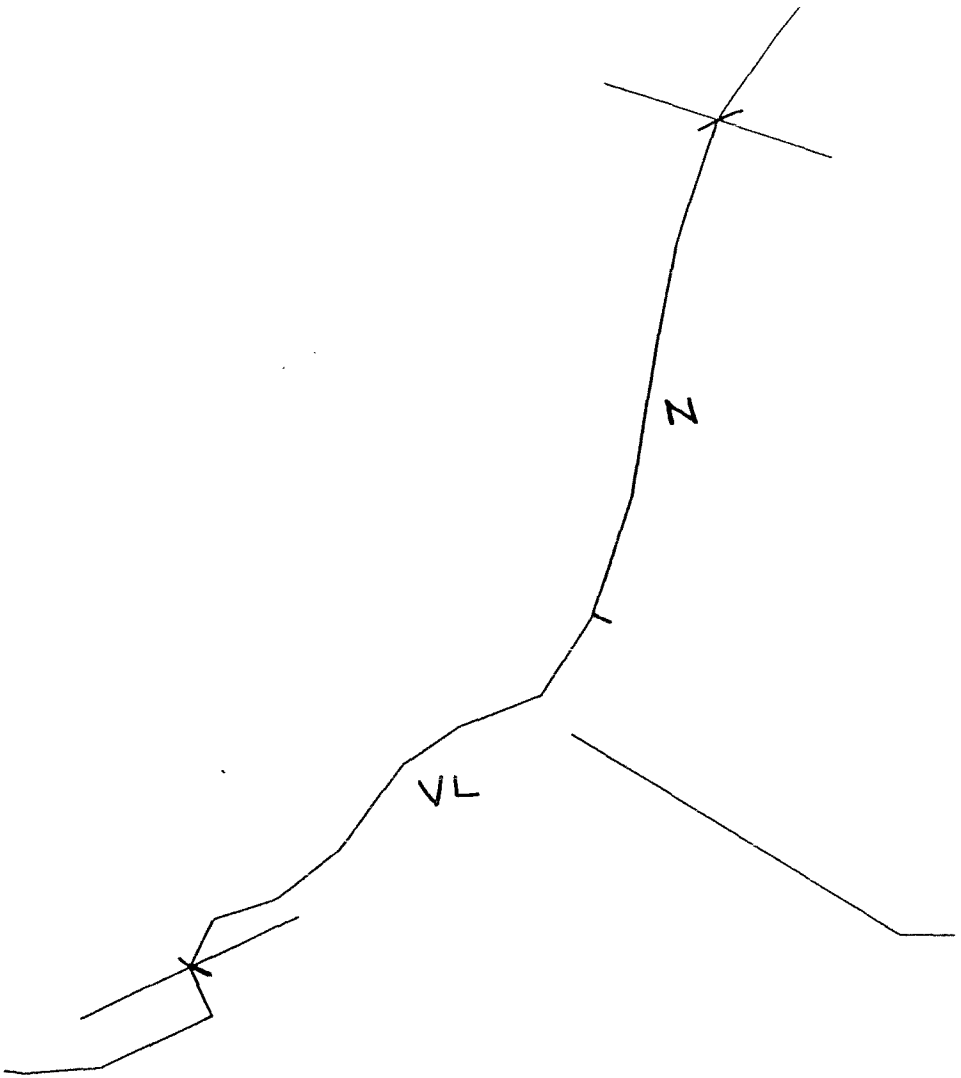
DAMAGED OR OILED ORGANISMS

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

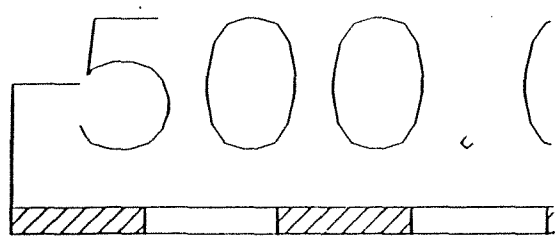
SOLID WASTE FOUND

Type: None

Bags Collected: 0

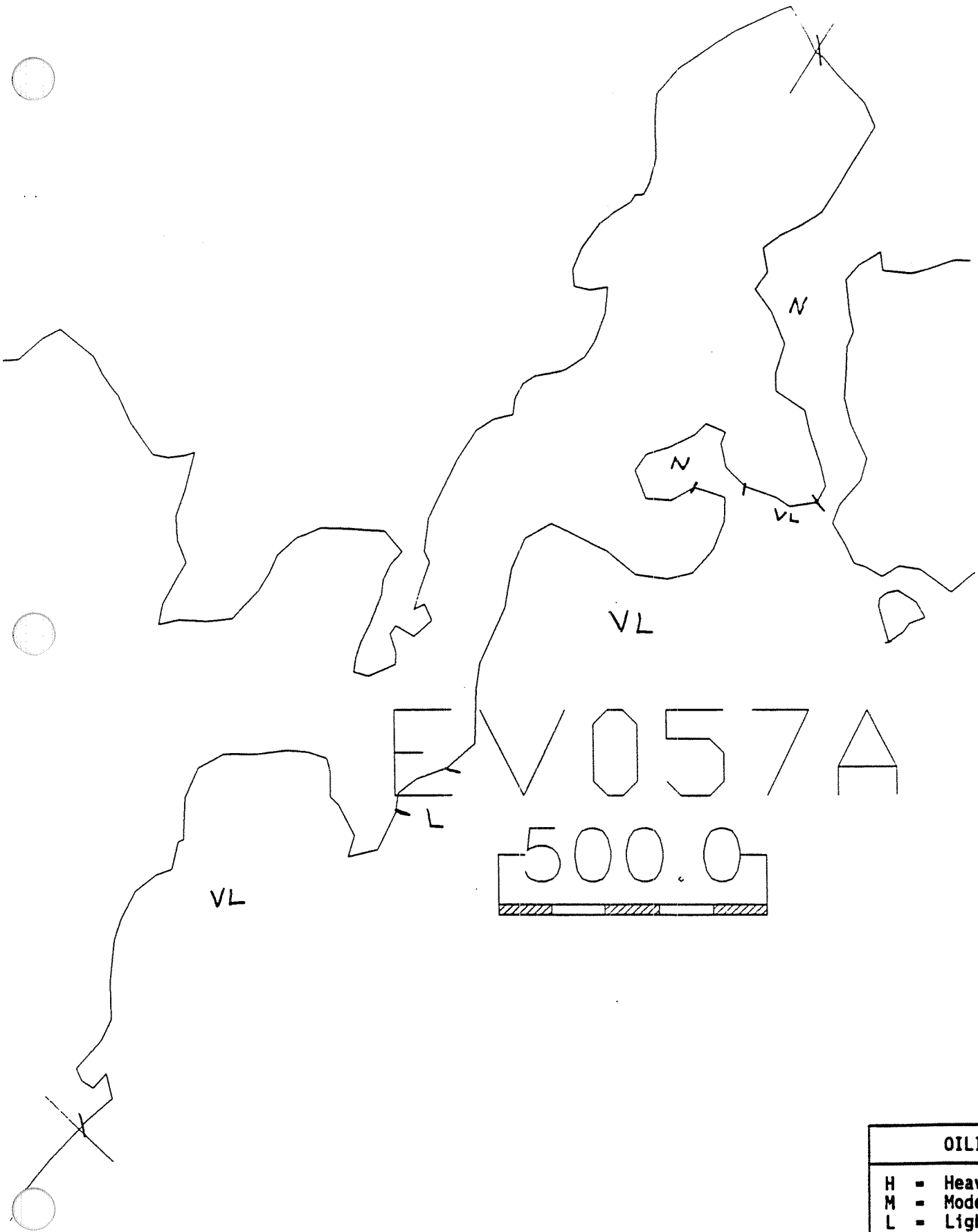


ENV061



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





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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV057B
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/11/89
 TIME: 17:30

Survey Type: Boat, Ground
 Team: B. McCreedy, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 5:18	Feet: 1.32	High Tide: 11:41	Feet: 11.1
Low Tide: 17:41	Feet: 2.77	High Tide: 23:42	Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L
 (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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV057B-1 / EV057B-2 / none / none

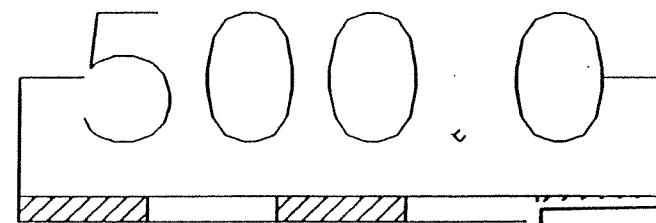
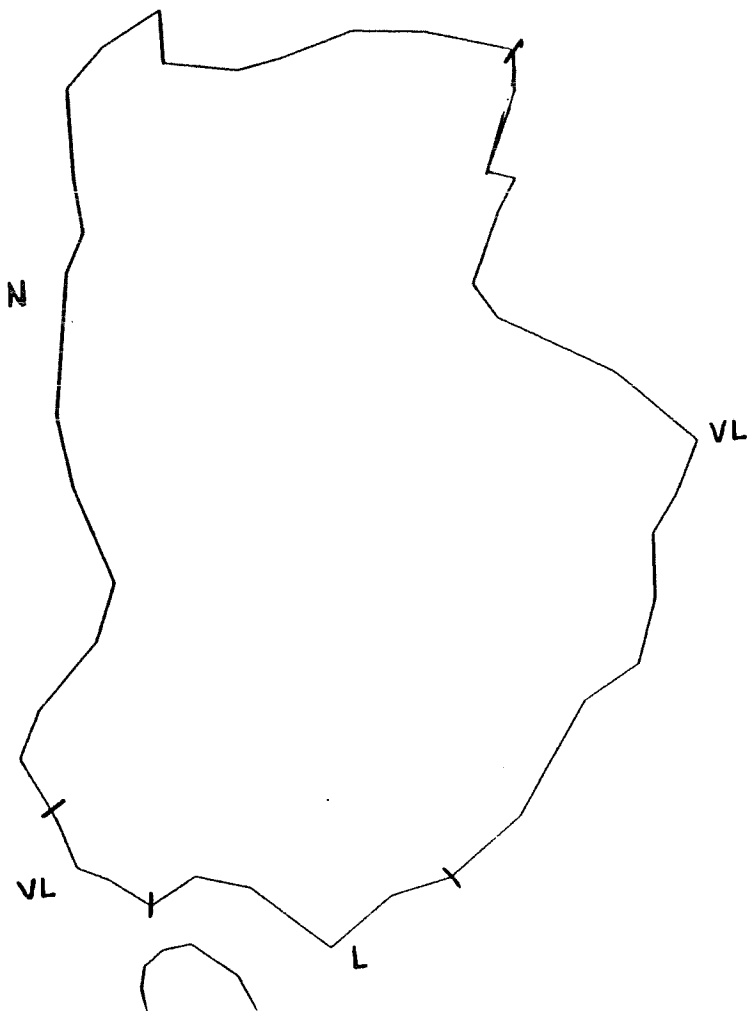
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality, boom
 Bags Collected: 1

E M 0 5 7 B



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV057C
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/11/89
 TIME: 17:21

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 5:18	Feet: 1.32	High Tide: 11:41	Feet: 11.1
Low Tide: 17:41	Feet: 2.77	High Tide: 23:42	Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L
 (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: 0 cm (35 = 35 cm or greater)

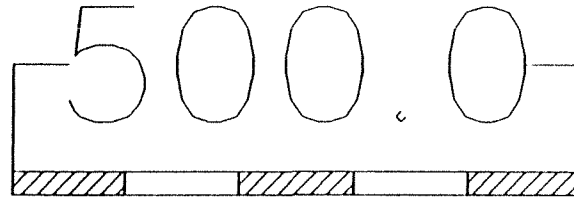
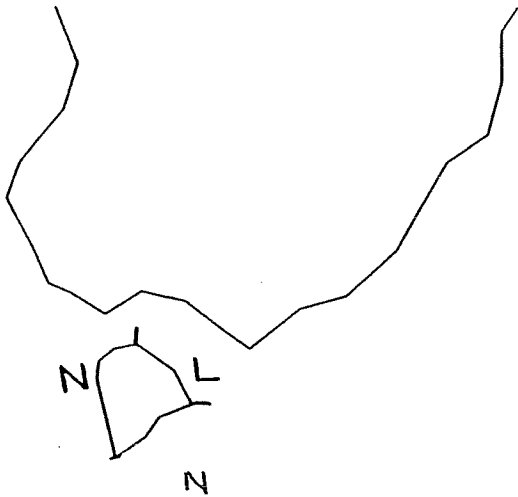
Percent Segment Categorized as Oiled: 30%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

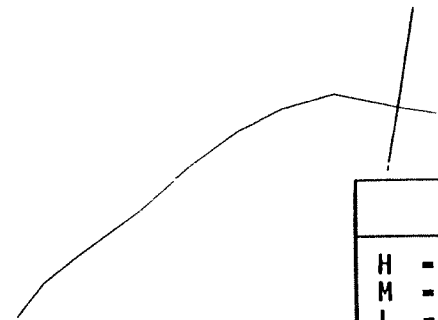
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

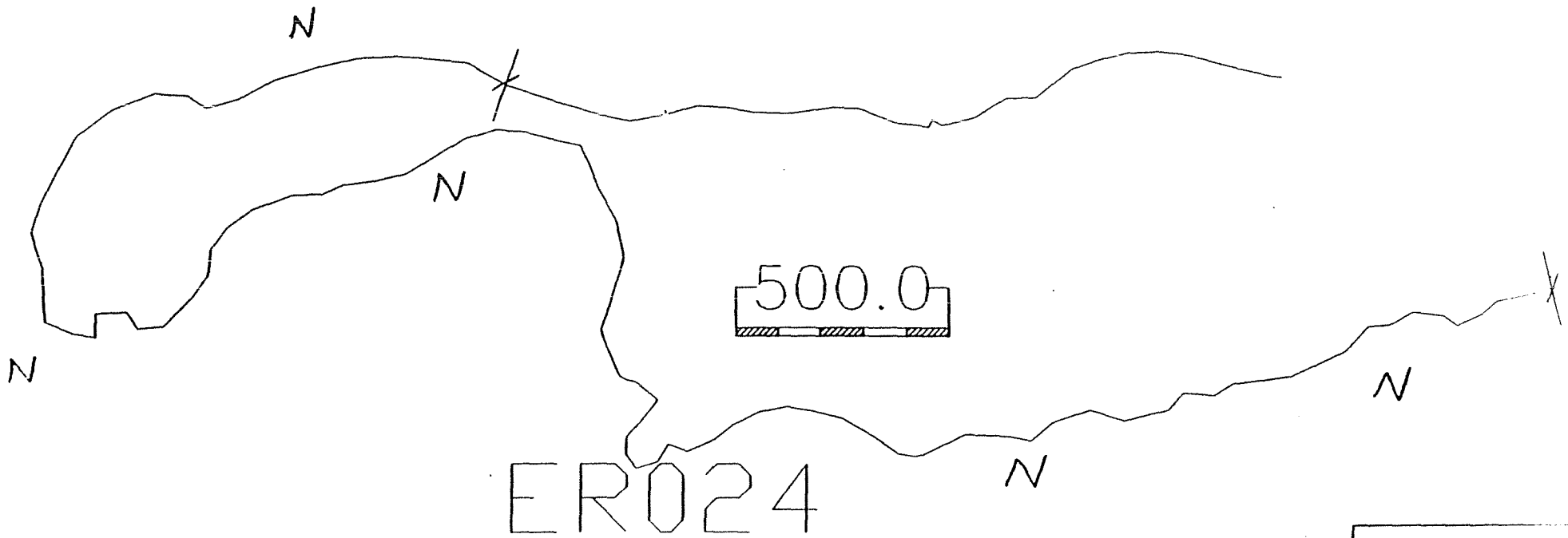
Type: None
 Bags Collected: 0



E V 0 5 7 C



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



ER024

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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER025
 LOCATION: NE ELRINGTON ISLAND

DATE: 10/11/89
 TIME: 15:30

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: LR
 (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: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

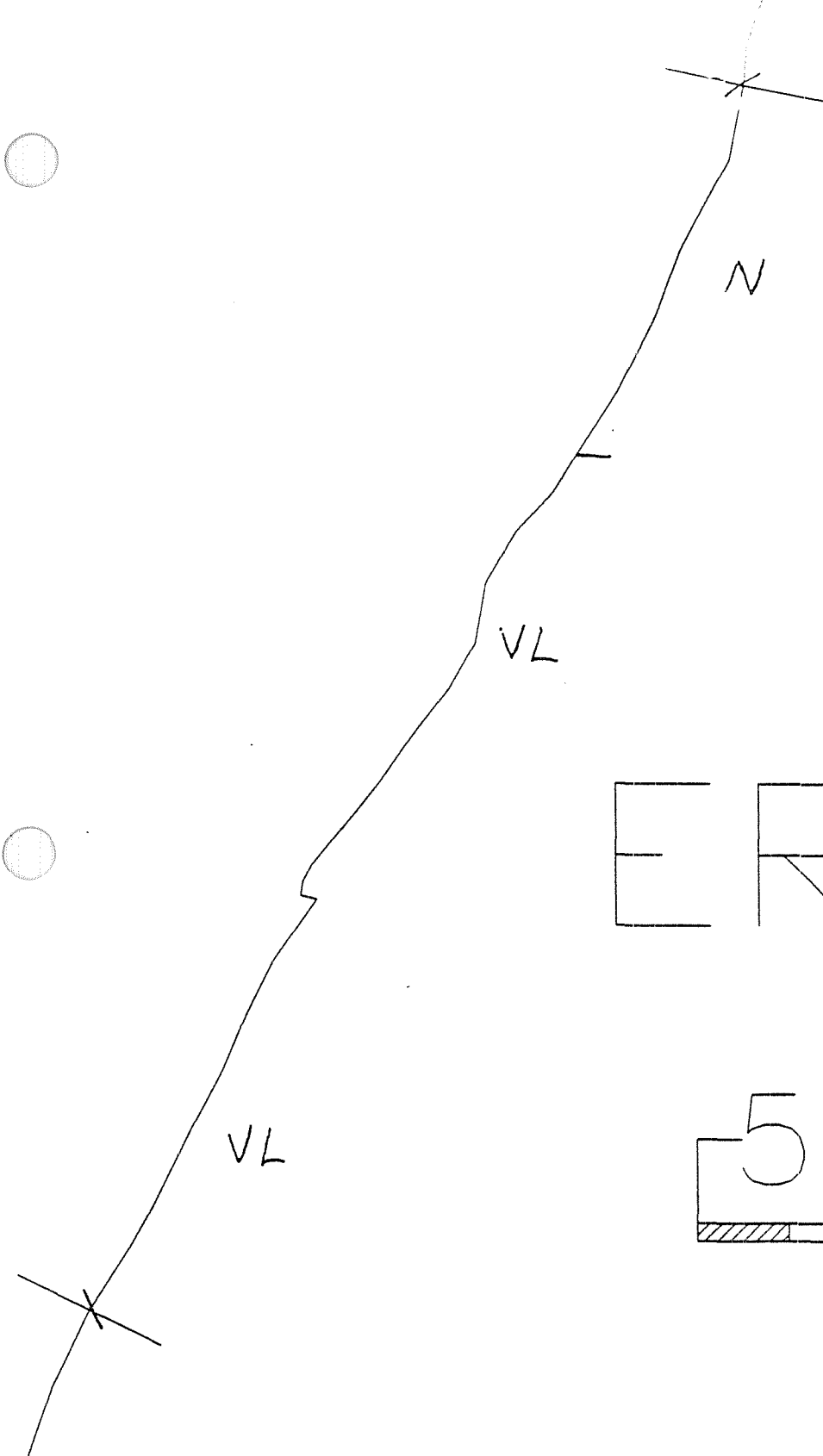
Degree of Oiling: N,VL
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER025-1 / ER025-2 / 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



ER025

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER026
 LOCATION: NE ELRINGTON ISLAND

DATE: 10/11/89
 TIME: 15:05

Survey Type: Boat, Ground
 Team: G. Winter, B. McCready, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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,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: S,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: 23 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER026-1 / ER026-2 / none / none

DAMAGED OR OILED ORGANISMS

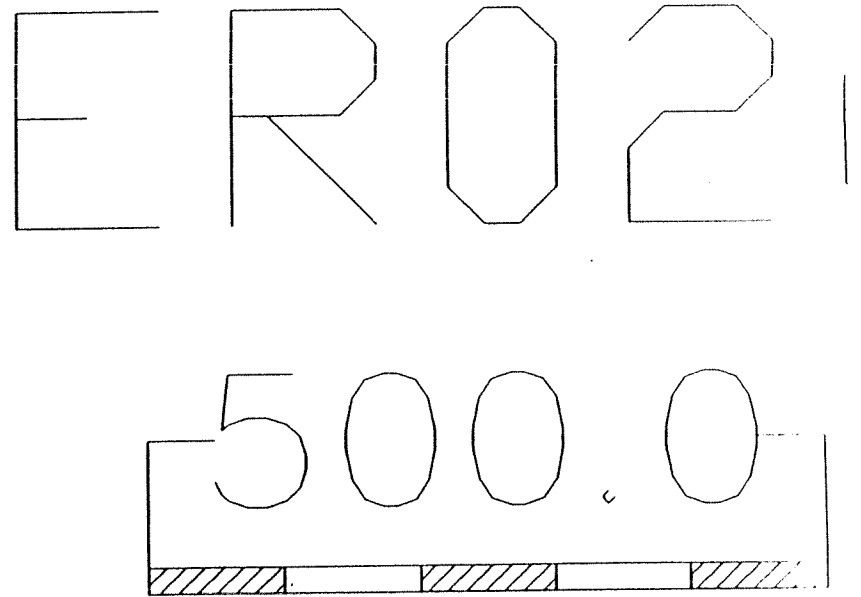
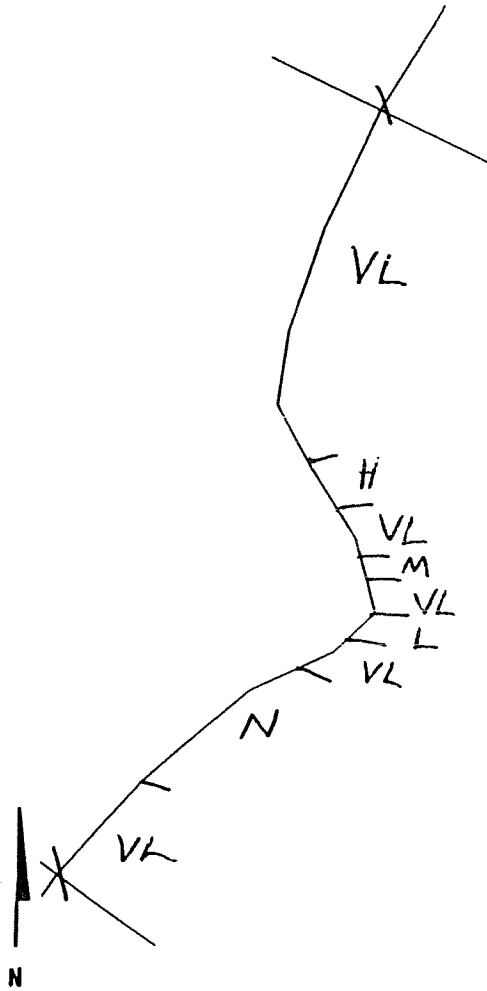
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ERO27
LOCATION: NE ELRINGTON ISLAND

DATE: 10/10/89
TIME: 15:35

Survey Type: Boat, Ground
Team: B. McCready, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy, Rain Wind Direction: SW
Sea State: Moderate Knots: 0-15

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

Shoretupes: LR,B
(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: B,C,G,S
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

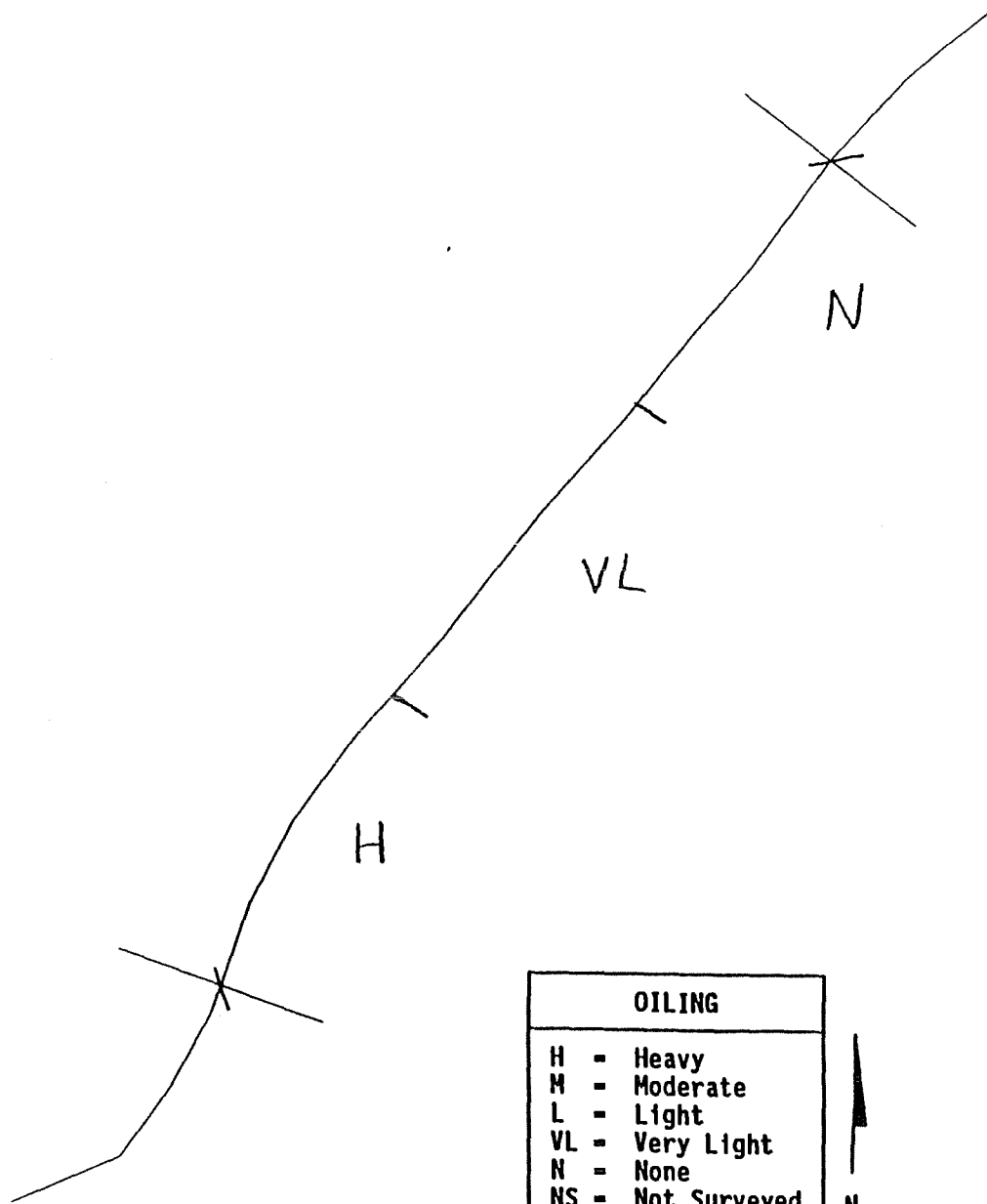
Degree of Oiling: N,VL,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H,M,L
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 30 cm (35 = 35 cm or greater)
Percent Segment Categorized as Oiled: 80%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / 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

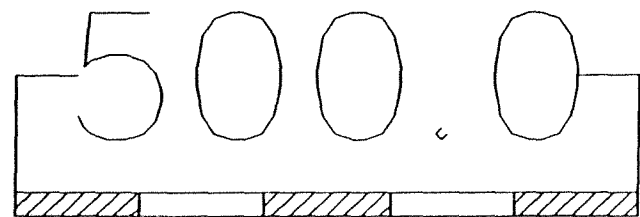
Type: None
Bags Collected: 0



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

ADEC Sep/Oct 1989 Survey

ER027



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER028
LOCATION: NE ELRINGTON ISLAND

DATE: 10/10/89
TIME: 16:10

Survey Type: Boat, Ground
Team: B. McCready, H. Wood

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: SW
Sea State: Moderate Knots: 0-15

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

Shoretypes: LR,B
(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: B,C,G,S
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,M
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H,M,L
(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: 30 cm (35 = 35 cm or greater)

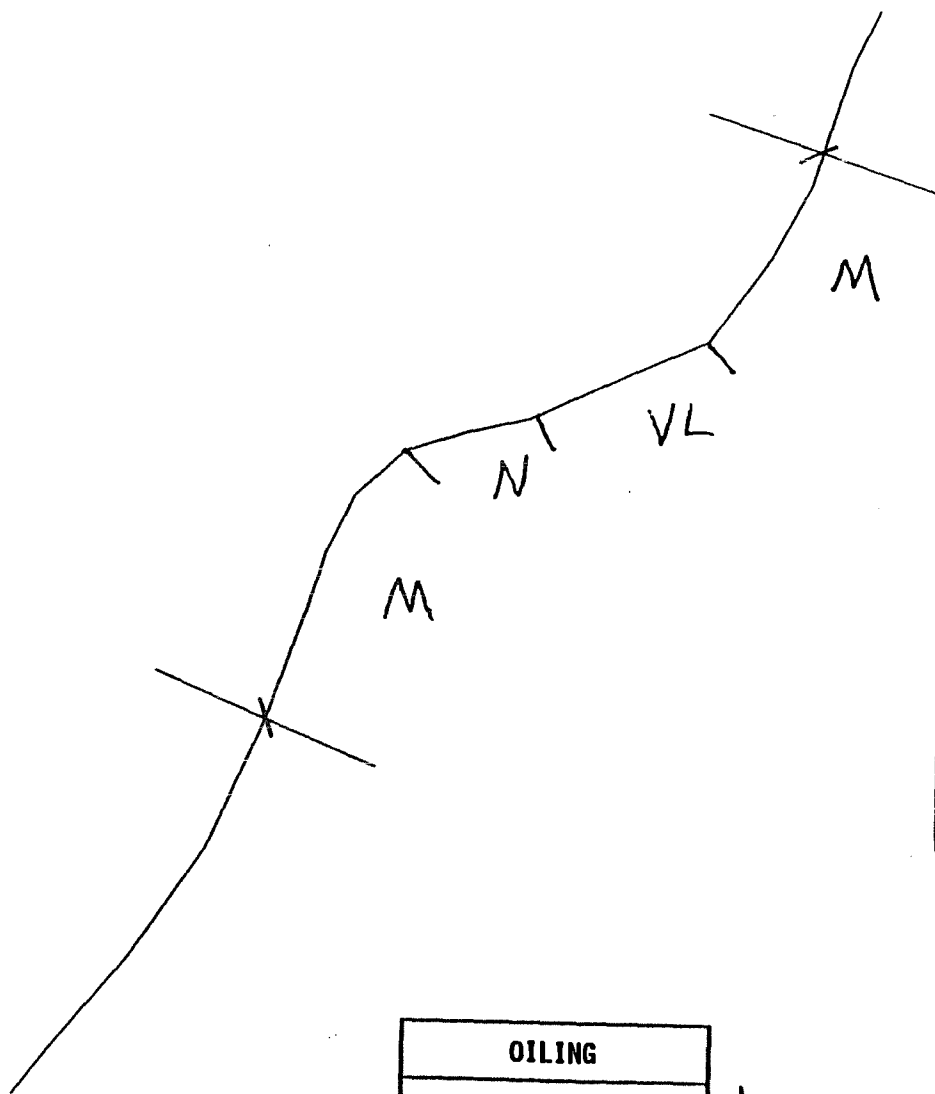
Percent Segment Categorized as Oiled: 90%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: ER028-1 / ER028-2 / none / none

DAMAGED OR OILED ORGANISMS

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

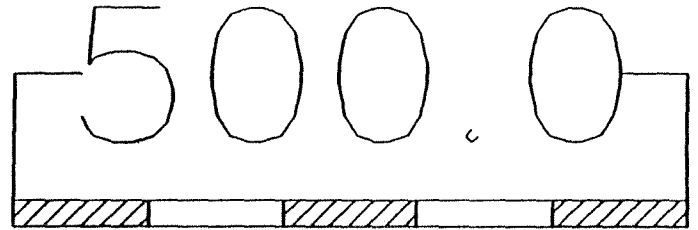
SOLID WASTE FOUND

Type: None
Bags Collected: 0



ER028

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



AD&C EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER029
 LOCATION: SE ELRINGTON ISLAND

DATE: 10/07/89
 TIME: 16:35

Survey Type: Boat, Ground
 Team: B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: SW
 Sea State: Moderate Knots: 0-15

Low Tide: 0:37 Feet: 2.4 High Tide: 7:41 Feet: 8.11
 Low Tide: 12:23 Feet: 6.31 High Tide: 18:14 Feet: 10.2

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (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: B,C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: M,L
 (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: 5 cm (35 = 35 cm or greater)

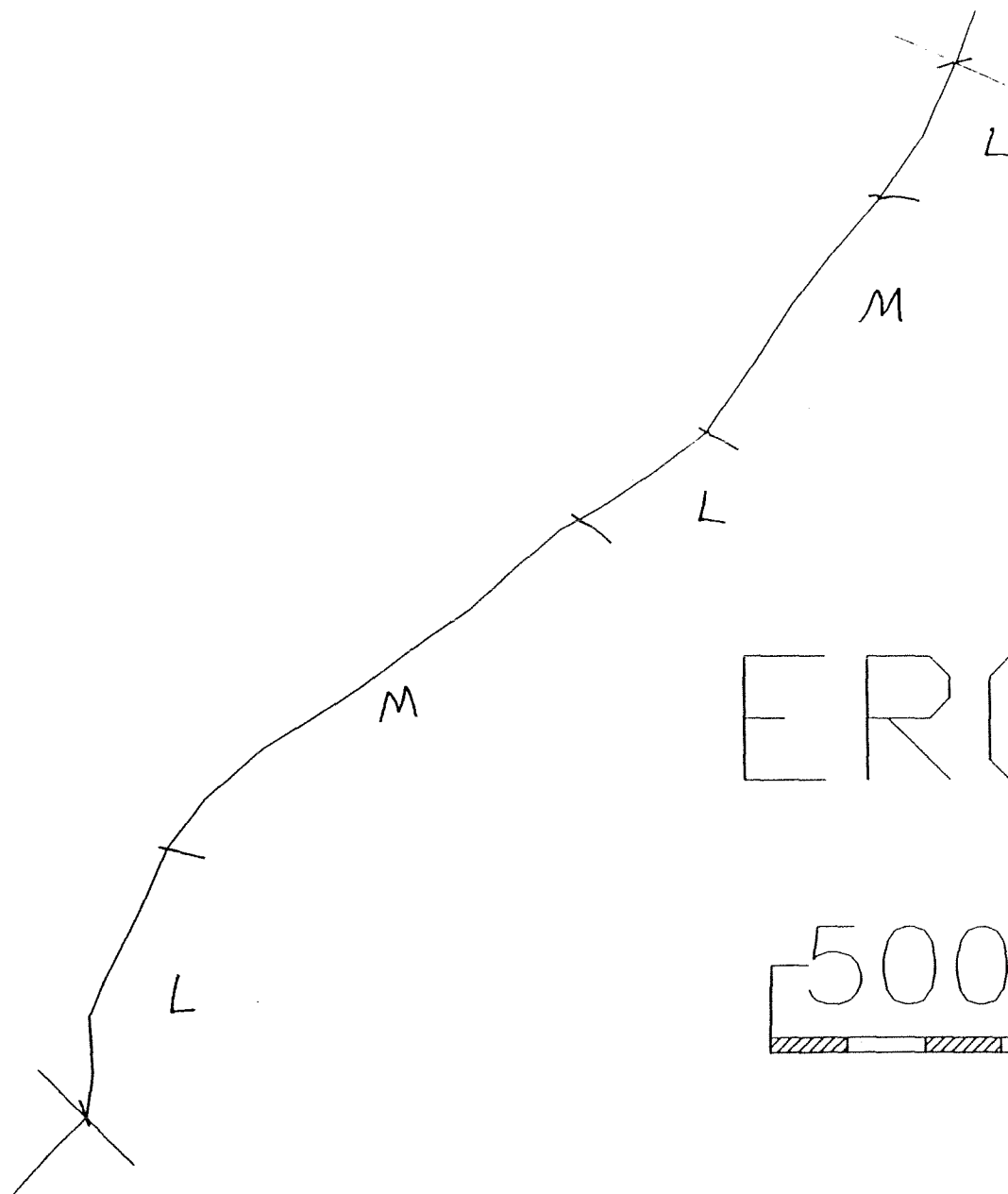
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: ER029-1 / ER029-2 / none / none

DAMAGED OR OILED ORGANISMS

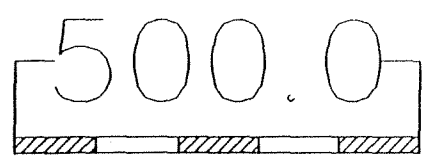
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



ER029



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

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ER030
 LOCATION: SE ELRINGTON ISLAND

DATE: 10/10/89
 TIME: 15:55

Survey Type: Boat, Ground
 Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: SW
 Sea State: Rough Knots: 16-30

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
 Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

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

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

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

Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

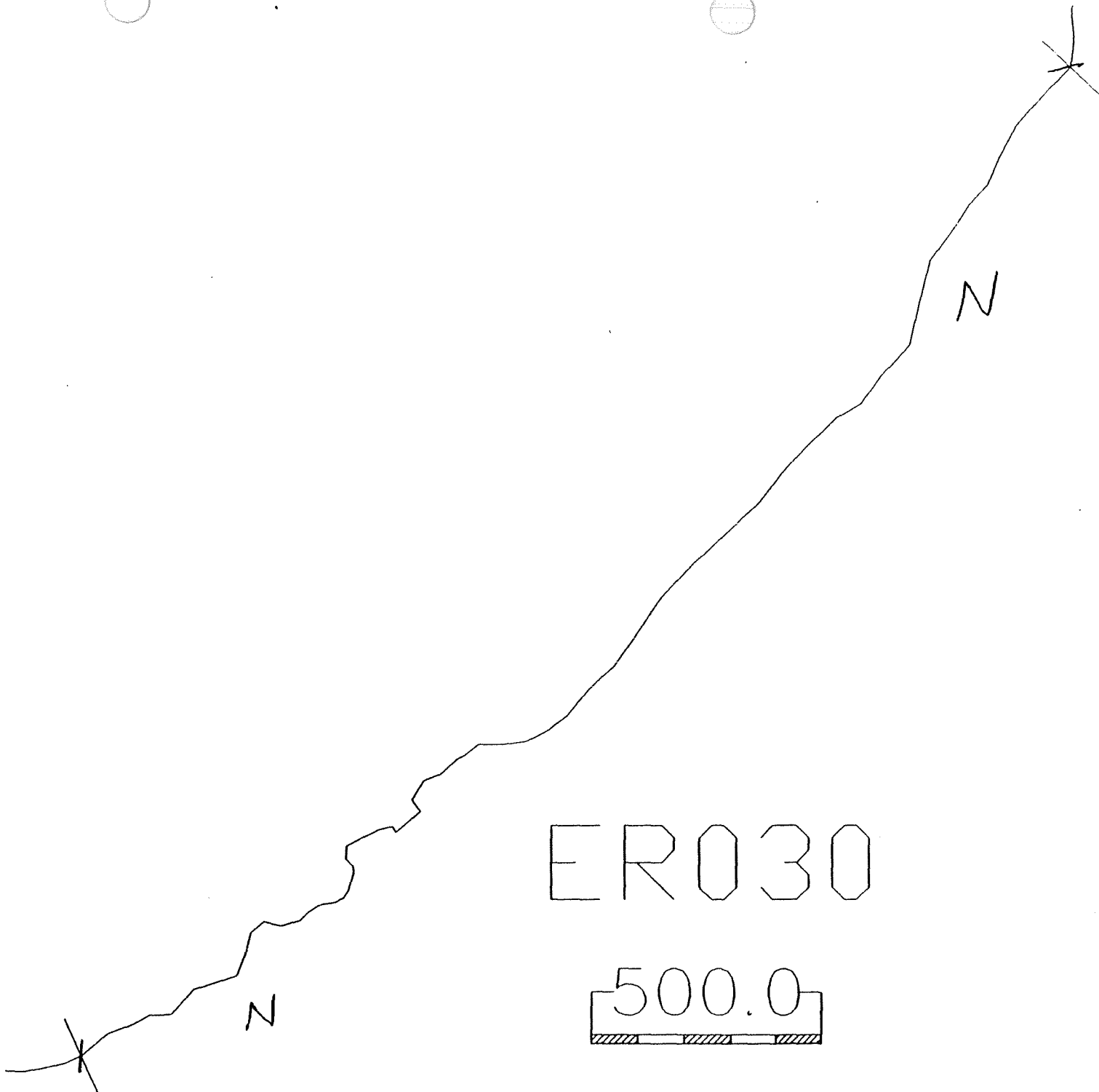
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

ER030

500.0



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: ERO31
 LOCATION: SE ELDRINGTON ISLAND

DATE: 10/10/89
 TIME: 15:40

Survey Type: Boat
 Team: P. Endres, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy, Rain Wind Direction: 0
 Sea State: Moderate Knots: 0

Low Tide: 4:21 Feet: 2.13 High Tide: 11:02 Feet: 9.95
 Low Tide: 16:44 Feet: 4.64 High Tide: 22:45 Feet: 10.9

SHORELINE DESCRIPTION

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

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

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

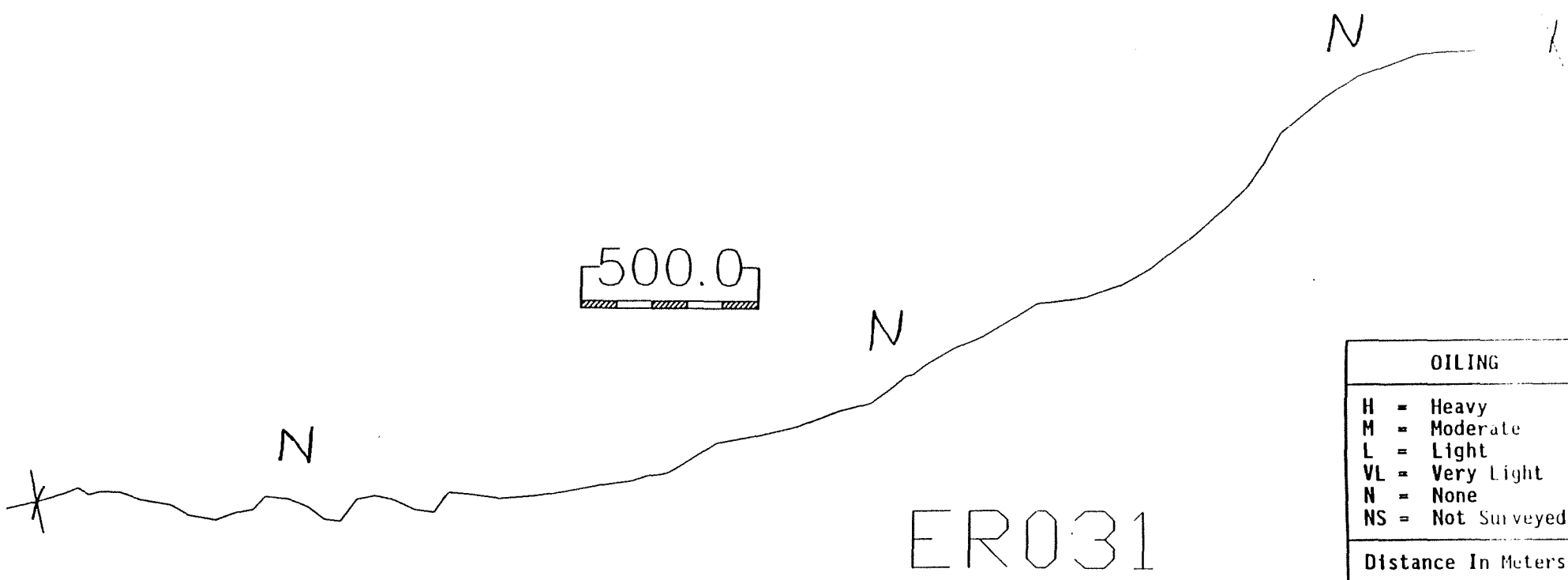
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



500.0

ER031

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

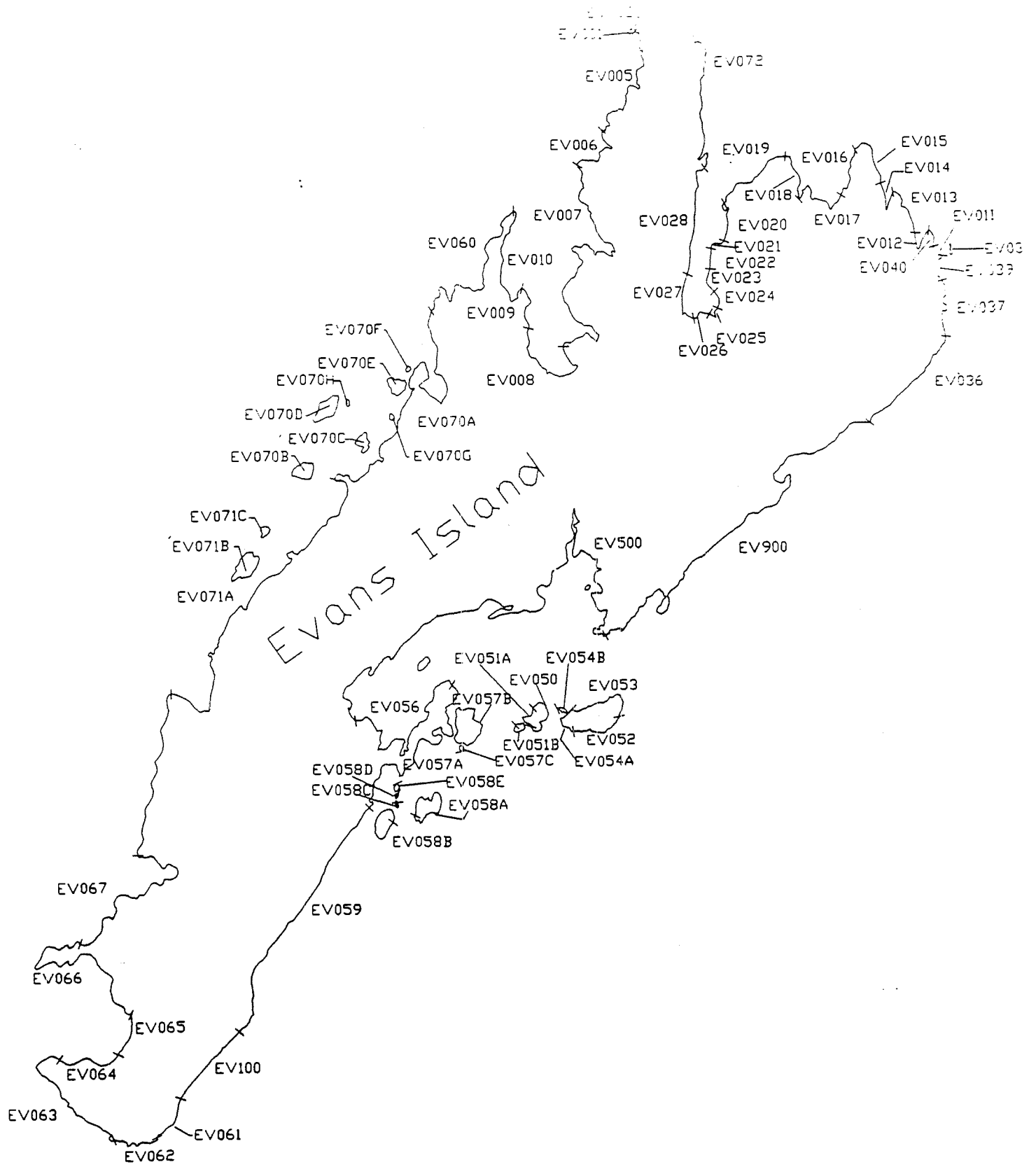
SECTION CONTENTS — EVANS ISLAND

SEGMENT#	LOCATION
EV001	N EVANS ISLAND
EV002	N EVANS ISLAND
EV003	N EVANS ISLAND
EV004	N EVANS ISLAND
EV005	N EVANS ISLAND
EV006	N EVANS ISLAND
EV007	N EVANS ISLAND
EV008	N EVANS ISLAND
EV009	N EVANS ISLAND
EV010	N EVANS ISLAND
EV011	NE EVANS ISLAND
EV012	NE EVANS ISLAND
EV013	NE EVANS ISLAND
EV014	NE EVANS ISLAND
EV015	NE EVANS ISLAND
EV016	NE EVANS ISLAND
EV017	NE EVANS ISLAND
EV018	SHELTER BAY, EVANS I.
EV019	SHELTER BAY, EVANS I.
EV020	SHELTER BAY, EVANS I.
EV021	SHELTER BAY, EVANS I.
EV022	SHELTER BAY, EVANS I.
EV023	SHELTER BAY, EVANS I.
EV024	SHELTER BAY, EVANS I.
EV025	SHELTER BAY, EVANS I.
EV026	SHELTER BAY, EVANS I.
EV027	SHELTER BAY, EVANS I.
EV028	SHELTER BAY, EVANS I.
EV036	NE EVANS ISLAND
EV037	NE EVANS ISLAND
EV039	NE EVANS ISLAND
EV040	NE EVANS ISLAND
EV050	ISLAND OFF E EVANS I.
EV051A	ISLAND OFF E EVANS I.
EV051B	ISLAND W OF EVANS ISLAND
EV052	ISLAND OFF E EVANS I.
EV053	ISLAND OFF E EVANS I.
EV054A	ISLAND OFF E EVANS I.
EV054B	ISLAND OFF E EVANS I.
EV056	SAWMILL BAY, EVANS I.
EV057A	ISLAND OFF E EVANS I.
EV057B	ISLAND OFF E EVANS I.
EV057C	ISLAND OFF E EVANS I.
EV058A	ISLAND OFF E EVANS I.
EV058B	N CRAB BAY, EVANS I.
EV058C	ISLAND OFF E EVANS I.
EV058D	ISLAND OFF E EVANS I.
EV058E	ISLAND OFF E EVANS I.
EV059	S EVANS ISLAND
EV060	NW EVANS ISLAND
EV061	S EVANS ISLAND
EV062	S EVANS ISLAND
EV063	S EVANS ISLAND
EV064	SQUIRREL BAY EVANS I.
EV065	SQUIRREL BAY EVANS I.
EV066	SQUIRREL BAY EVANS I.
EV067	SW EVANS ISLAND
EV068	SW EVANS ISLAND
EV070A	ISLAND OFF W EVANS I.
EV070B	ISLAND OFF W EVANS I.
EV070C	ISLAND OFF W EVANS I.

SECTION CONTENTS — EVANS ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
EVO70D	ISLAND OFF W EVANS I.
EVO70E	ISLAND OFF W EVANS I.
EVO70F	ISLAND OFF W EVANS I.
EVO70G	ISLAND OFF W EVANS I.
EVO70H	ISLAND OFF W EVANS I.
EVO71A	ISLAND OFF W EVANS I.
EVO71B	ISLAND OFF W EVANS I.
EVO71C	ISLAND OFF W EVANS I.
EVO72	SHELTER BAY, EVANS I.
EV100	S EVANS ISLAND
EV500	SAWMILL BAY, EVANS ISLAND
EV900	NE EVANS ISLAND

Printed: 12/12/89



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV001
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 17:46

Survey Type: Boat, Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,B
 (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: B,C,G,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 2 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

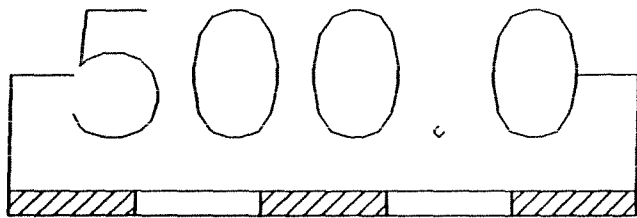
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

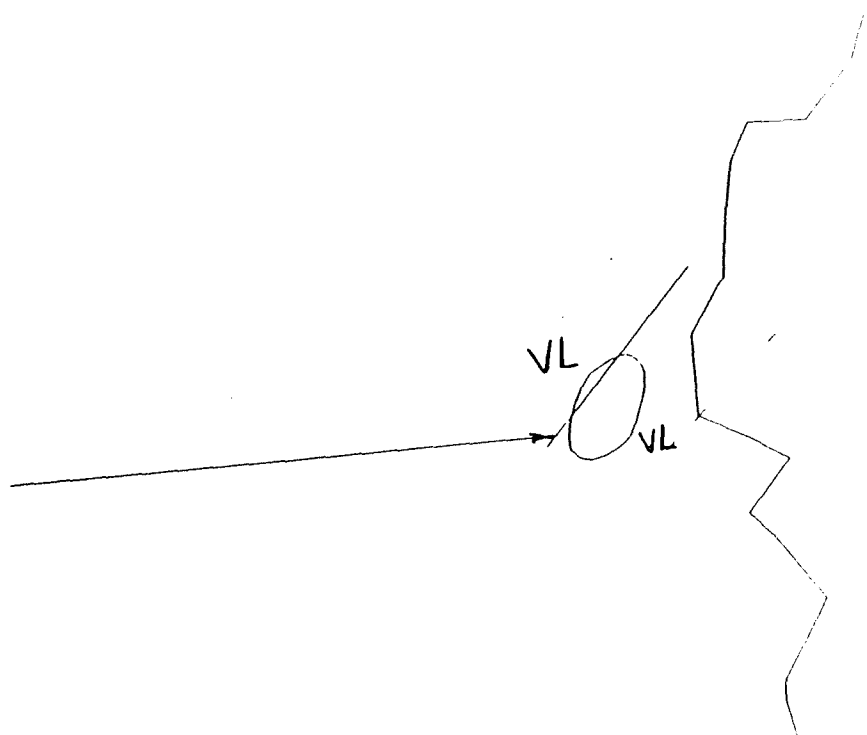
Type: None
 Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



EV001



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV002
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 17:32

Survey Type: Boat, Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: VL,L
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 2 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

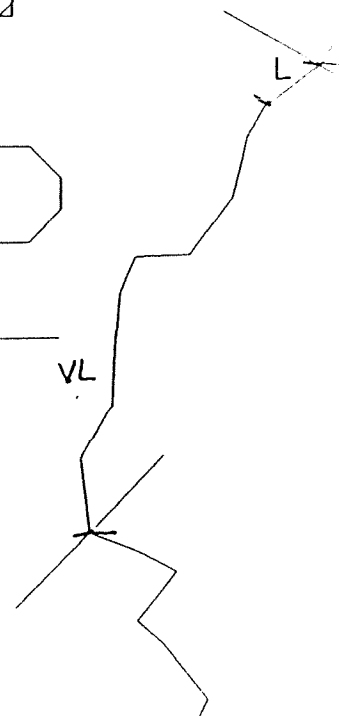
OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed
Distance In Meters	

ADEC Sep/Oct 1989 Survey



EV002

500.0



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV003
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 16:30

Survey Type: Boat, Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 22 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EV003-1 / EV003-2 / none / none

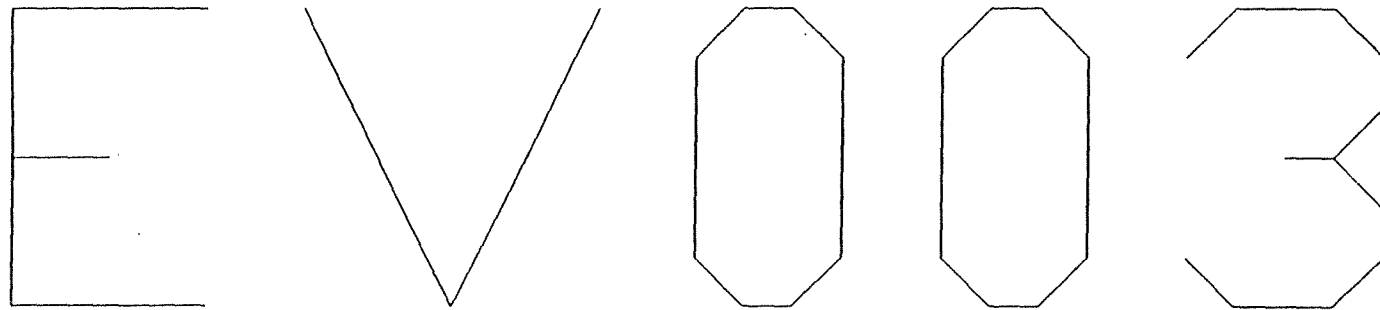
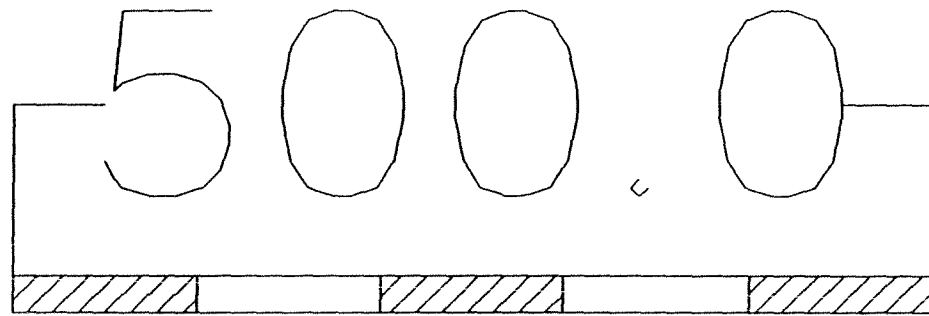
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality

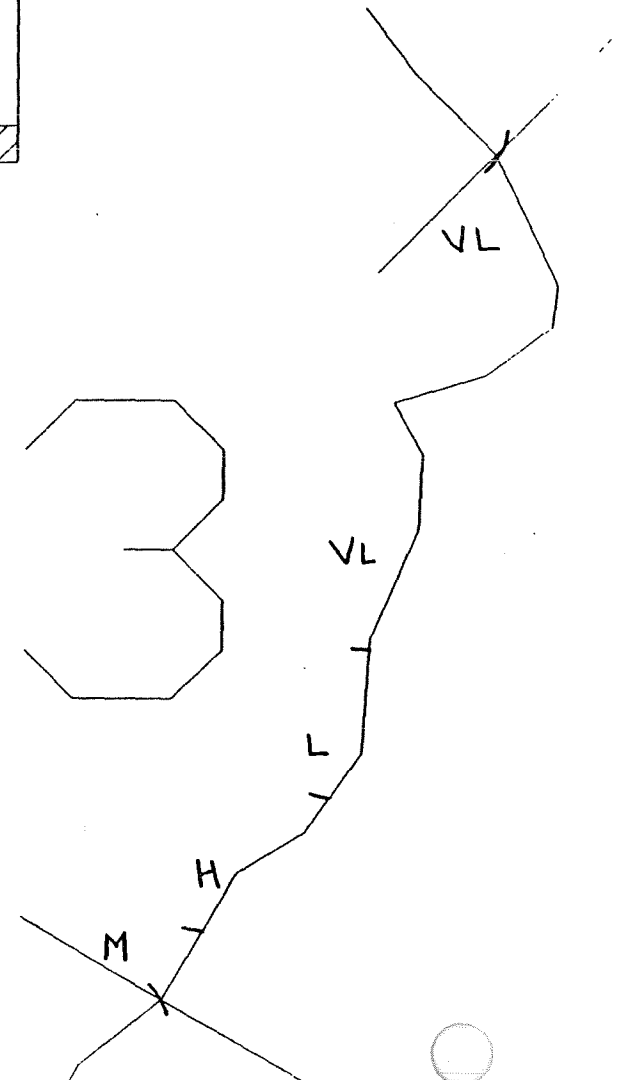
Bags Collected: 0



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV004
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 16:00

Survey Type: Boat
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretupes: H
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: 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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

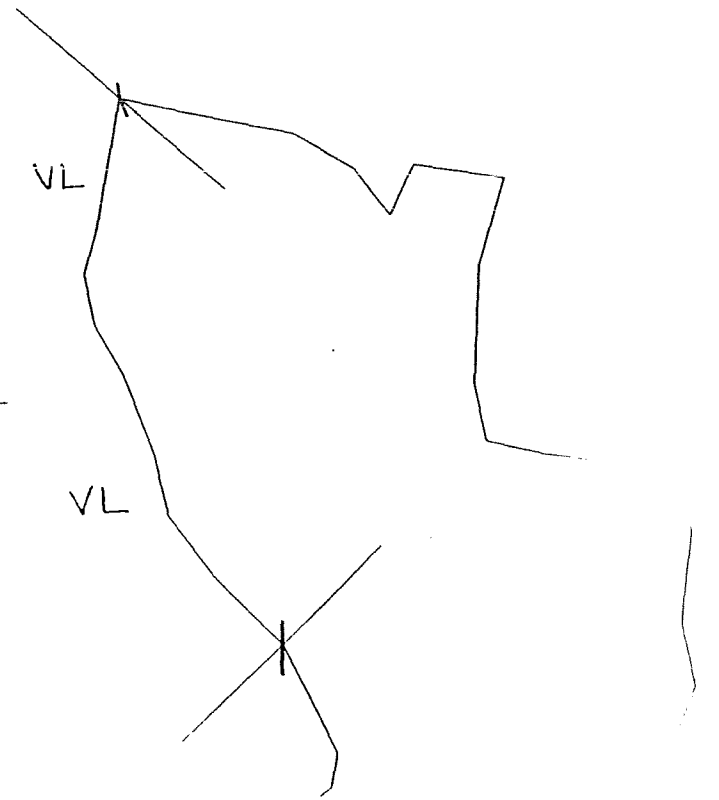
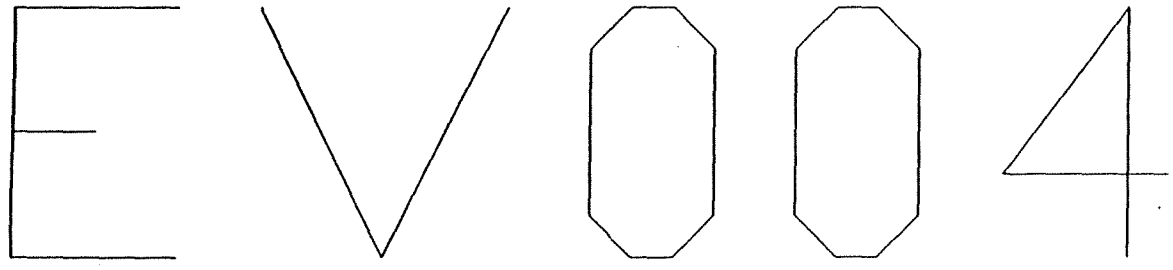
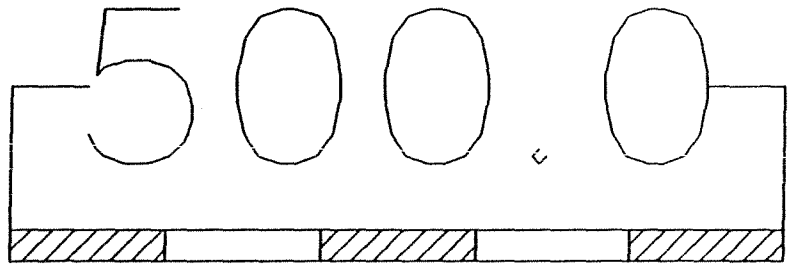
SOLID WASTE FOUND

Type: None

Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV005
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 18:00

Survey Type: Boat, Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,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: VL,L,M
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 8 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV005-1&2 / EV005-3&4 / none / none

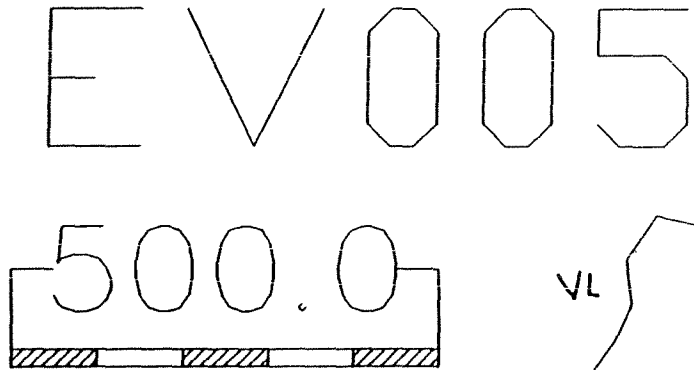
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One Locality
 Bags Collected: 0

EV005
500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV006
 LOCATION: N EVANS ISLAND

DATE: 10/19/89
 TIME: 10:53

Survey Type: Boat, Ground
 Team: B. McCreedy, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: -0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

Wave Exposure: L (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: none
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

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

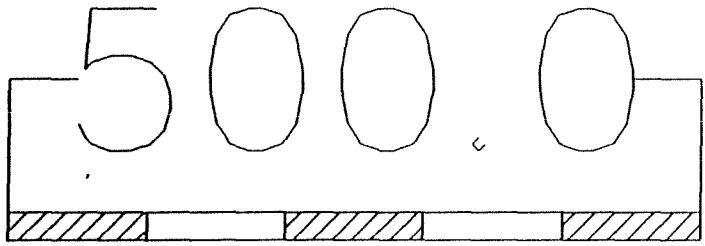
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

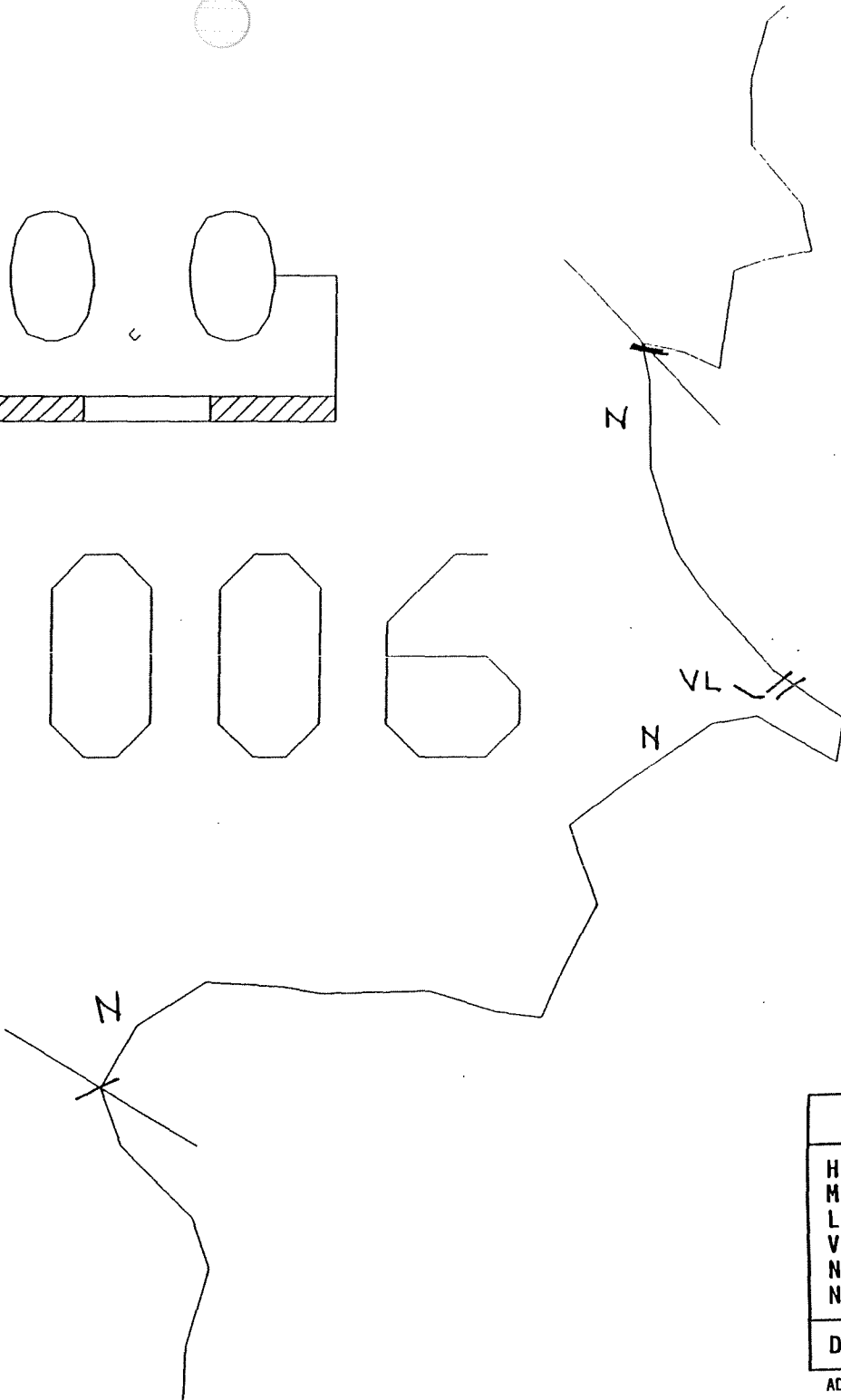
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, garbage
 Bags Collected: 0



EV006



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO07
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 18:30

Survey Type: Boat, Ground
 Team: G. Pavia, W. Ghormley

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretupes: H,LR,B,C,M
 (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,M
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 25%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

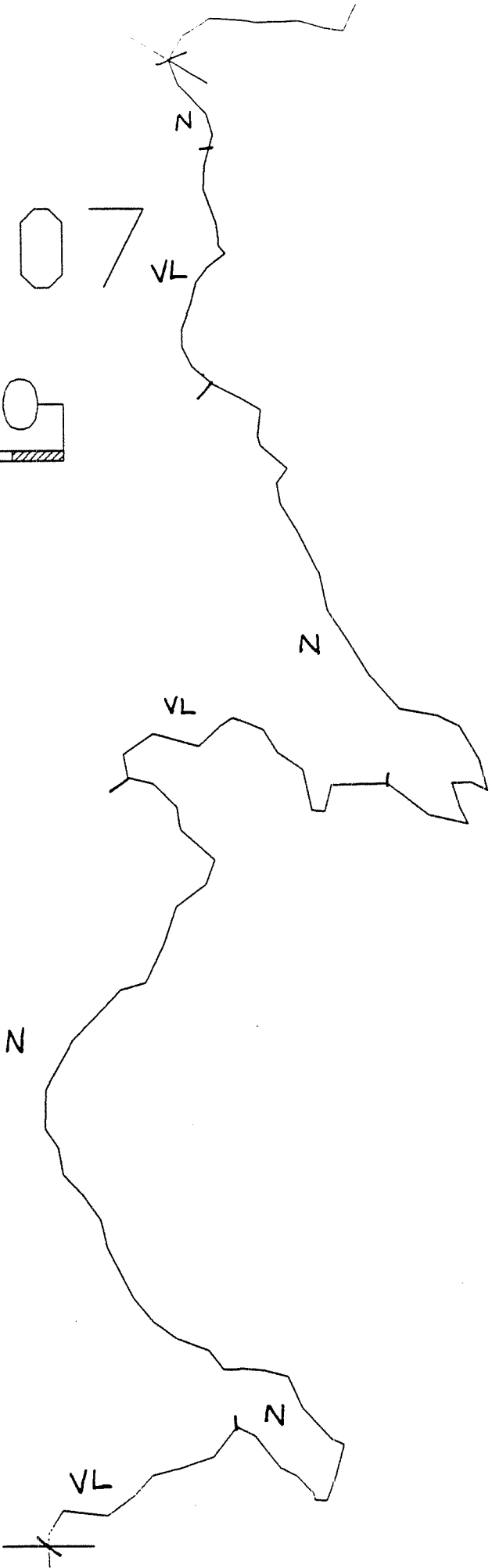
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, garbage
 Bags Collected: 0

EV007

500.0



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV008
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 17:45

Survey Type: Boat, Ground
 Team: W. Ghormley, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,B,C
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: L (H=high, M=moderate, L=low)
 Shoreline Composition: R
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 3 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 10%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV008-1 / EV008-2 / none / none

DAMAGED OR OILED ORGANISMS

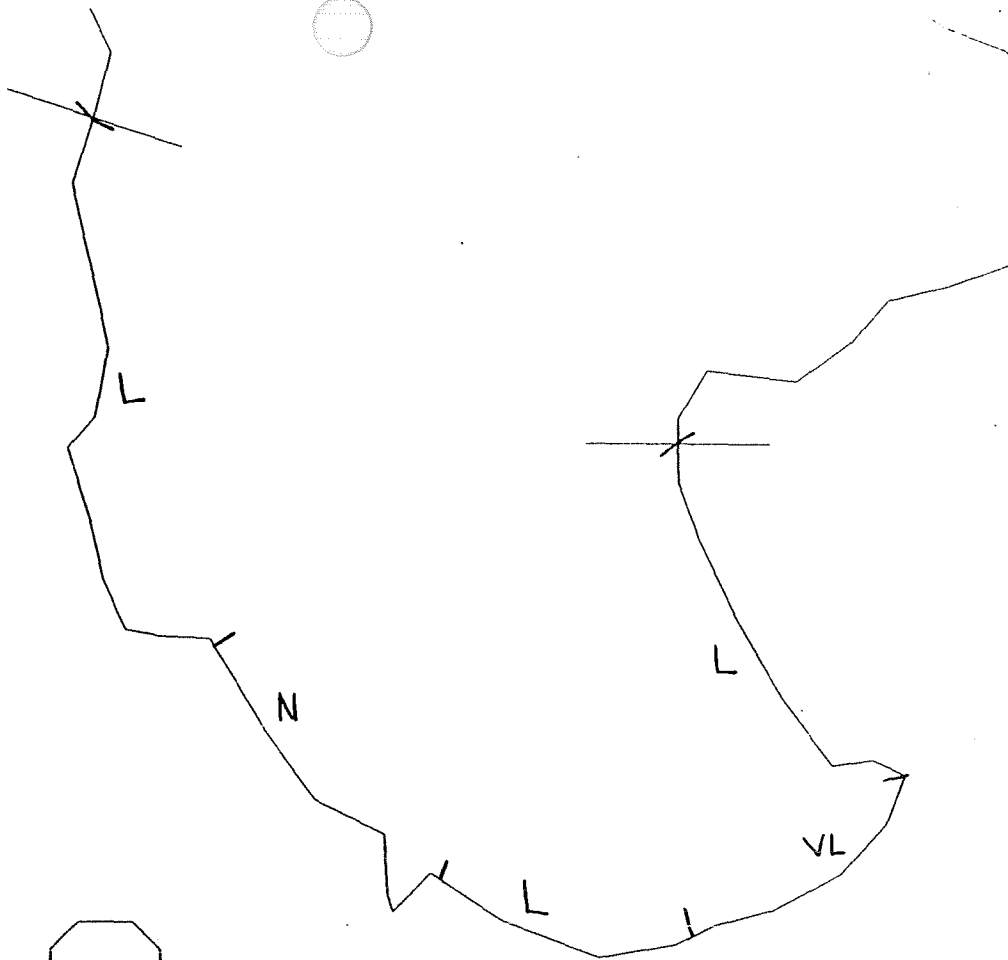
Fucus (y/n): y Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, cleanup debris
 Bags Collected: 0

EV008

500.0



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV009
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 17:15

Survey Type: Boat, Ground
 Team: W. Ghormley, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

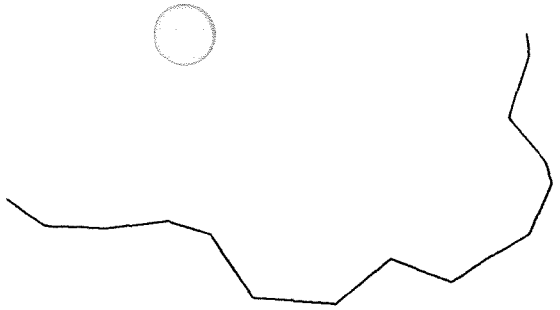
Degree of Oiling: VL
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV009-1 / EV009-2 / none / none

DAMAGED OR OILED ORGANISMS

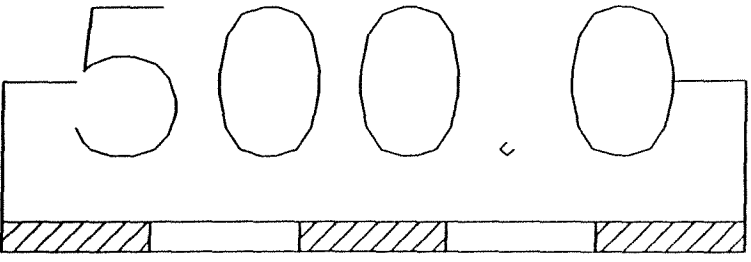
Fucus (y/n): y Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities
 Bags Collected: 1



E V 0 0 9



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV010
 LOCATION: N EVANS ISLAND

DATE: 10/13/89
 TIME: 16:00

Survey Type: Boat, Ground
 Team: G. Pavia, W. Ghormley

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretupes: 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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 3 cm (35 = 35 cm or greater)

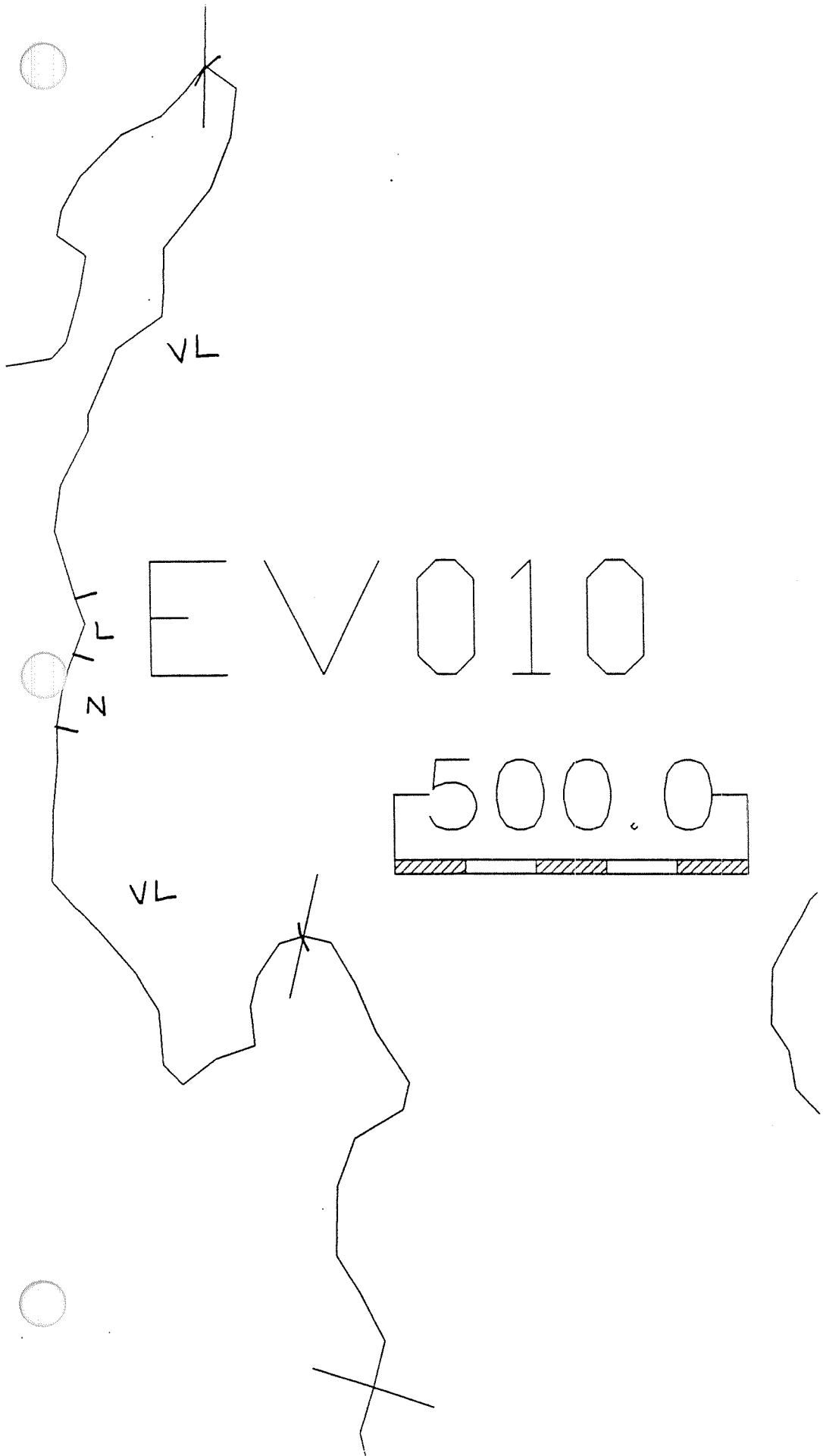
Percent Segment Categorized as Oiled: 95%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV010-1 / EV010-2 / none / none

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: Few localities, Garbage
 Bags Collected: 0



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV011
LOCATION: NE EVANS ISLAND

DATE: 10/14/89
TIME: 9:30

Survey Type: Boat, Ground
Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain
Sea State: Moderate

Wind Direction: NE
Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,B
(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,S
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,M
(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: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 18 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
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: EV011-1 / EV011-2 / none / none

DAMAGED OR OILED ORGANISMS

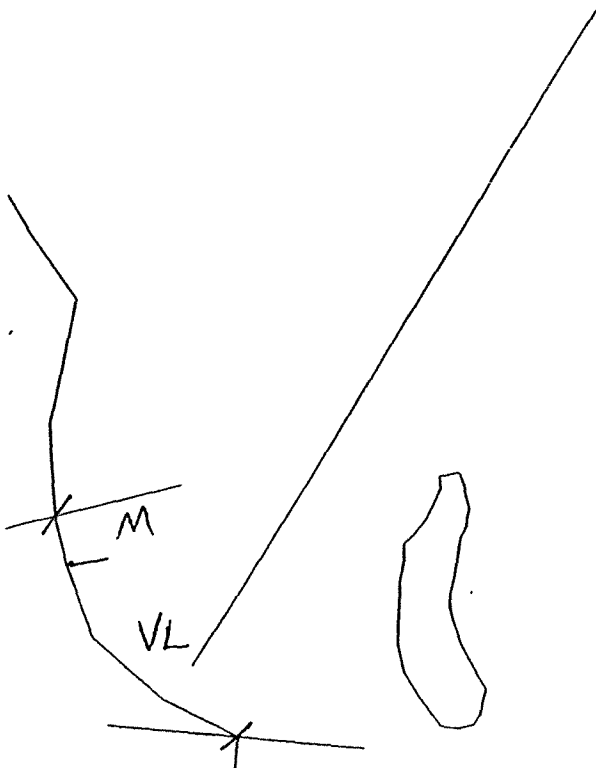
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

E V O 1 1

500.0



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV012
 LOCATION: NE EVANS ISLAND

DATE: 10/14/89
 TIME: 10:40

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain
 Sea State: Rough

Wind Direction: NE
 Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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,L,M,H
 (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: 25 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 75%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV012-1 / EV012-2 / none / none

DAMAGED OR OILED ORGANISMS

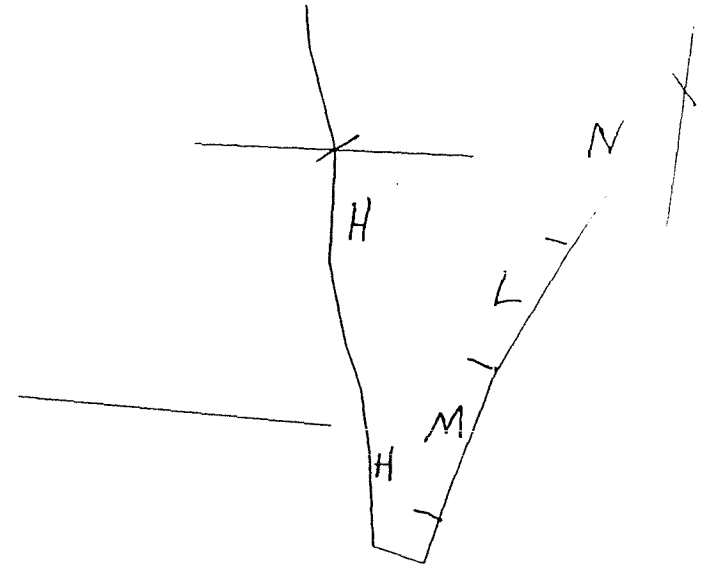
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

E V 0 1 2

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO13
LOCATION: NE EVANS ISLAND

DATE: 10/14/89
TIME: 10:15

Survey Type: Boat, Ground
Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain
Sea State: Rough

Wind Direction: NE
Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretupes: H,LR
(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
(R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N
(N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: none
(S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

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

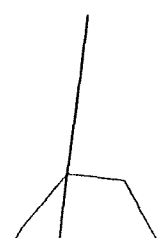
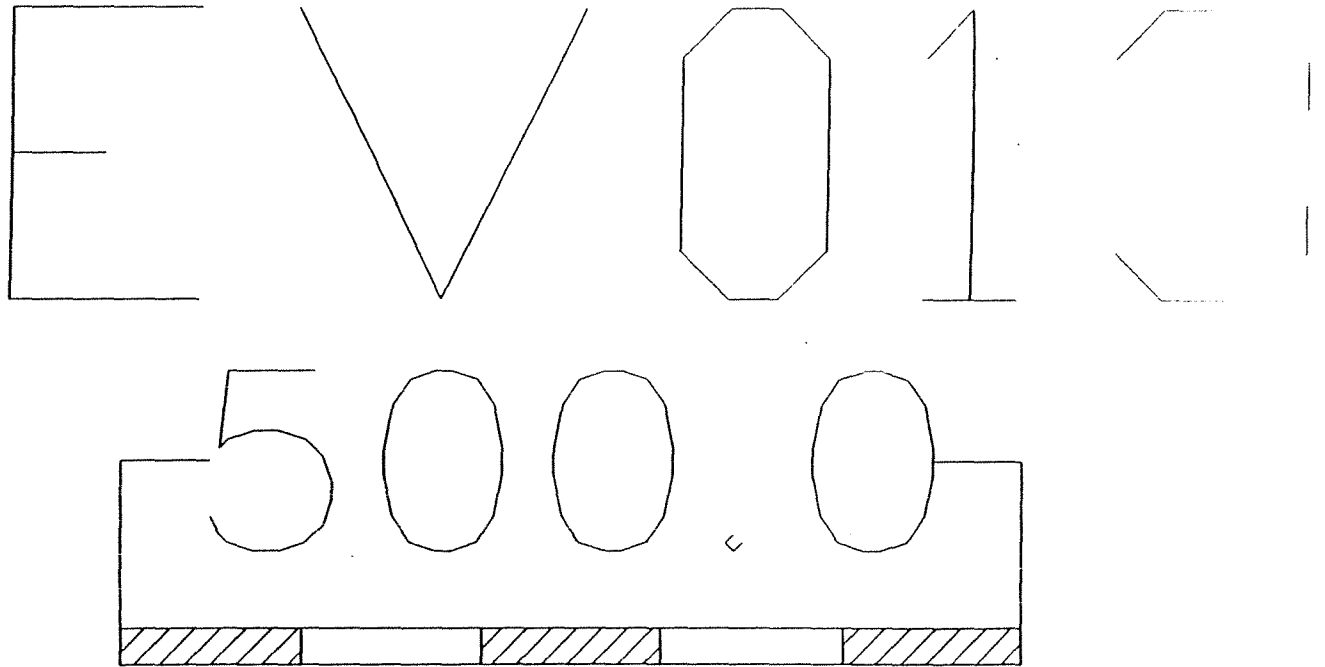
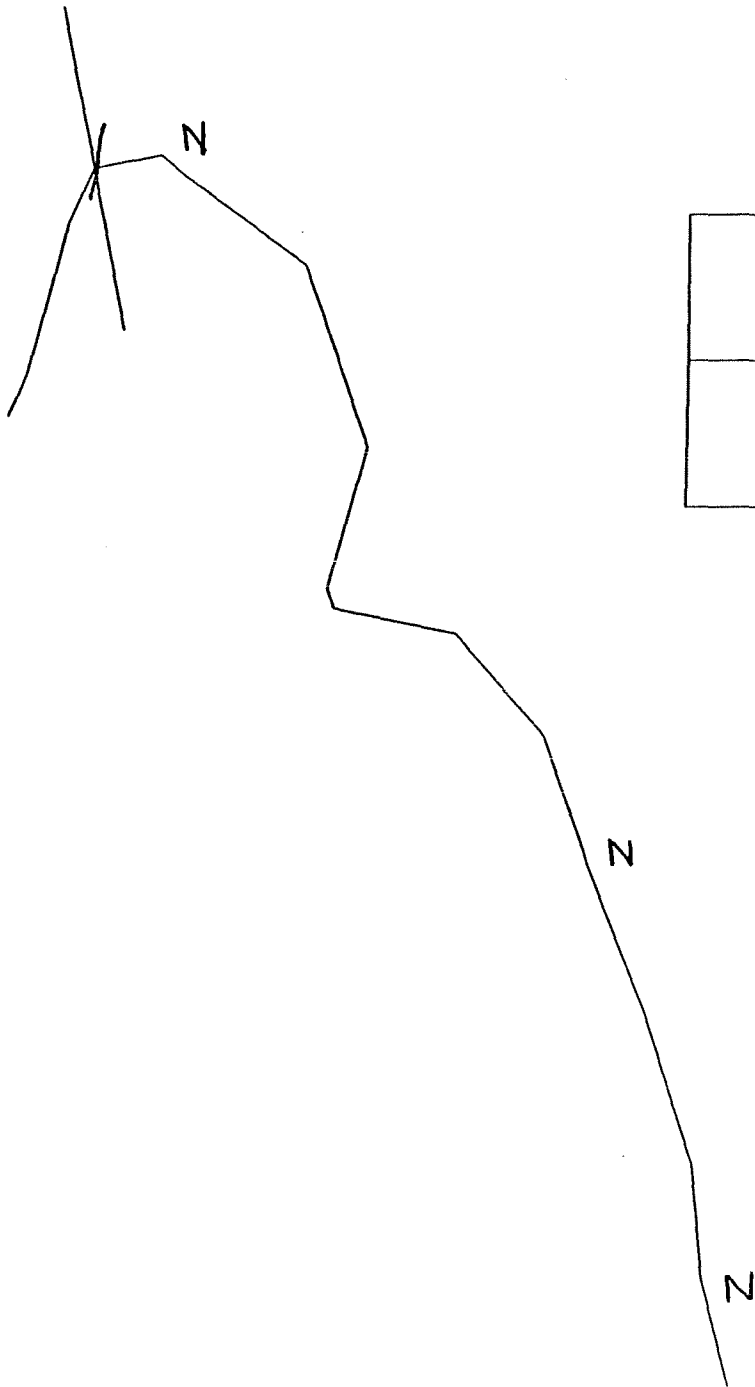
Percent Segment Categorized as Oiled: 0%
Presence of Oiled Driftwood (y/n): n
Oil Types: none
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

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



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV014
LOCATION: NE EVANS ISLAND

DATE: 10/14/89
TIME: 9:45

Survey Type: Boat, Ground
Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain
Sea State: Rough

Wind Direction: N
Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,B
(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,L,M,H
(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: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 75%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

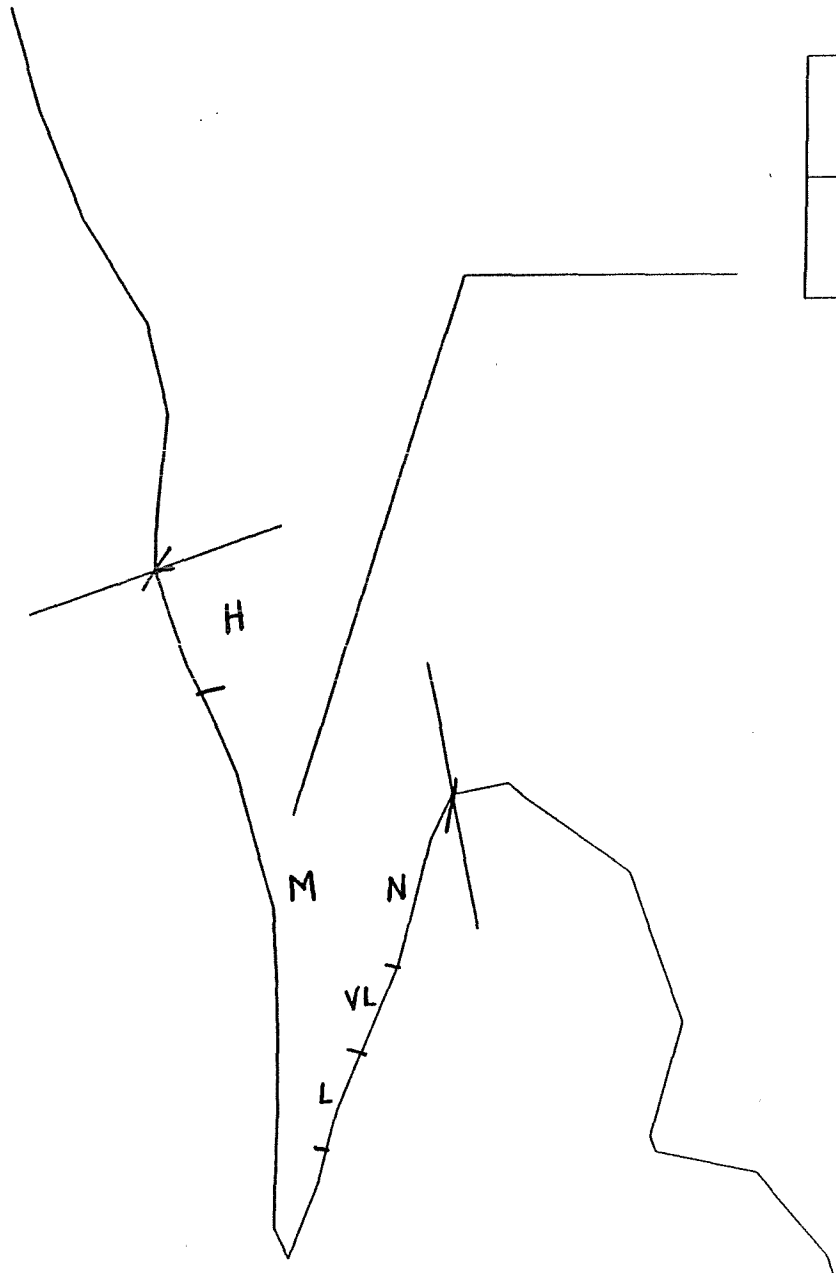
DAMAGED OR OILED ORGANISMS

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



EV014

500.0

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

N

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV015
 LOCATION: NE EVANS ISLAND

DATE: 10/14/89
 TIME: 8:50

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain
 Sea State: Rough

Wind Direction: N
 Knots: 15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,H
 (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: 5 cm (35 = 35 cm or greater)

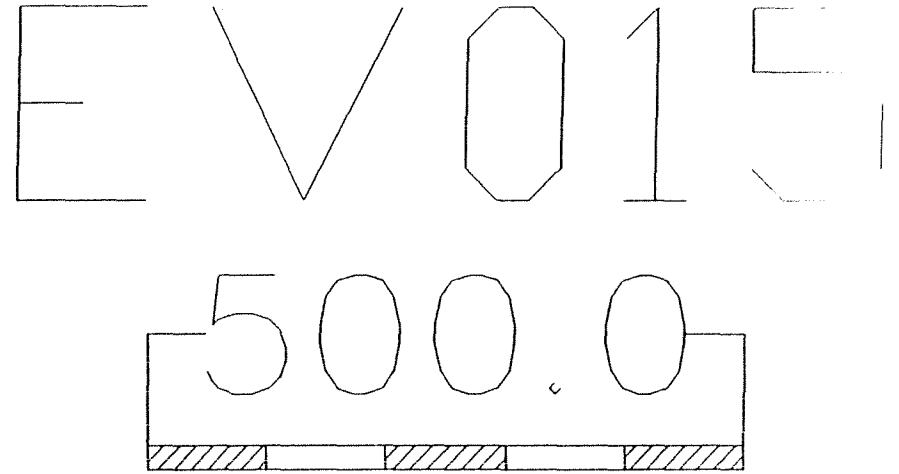
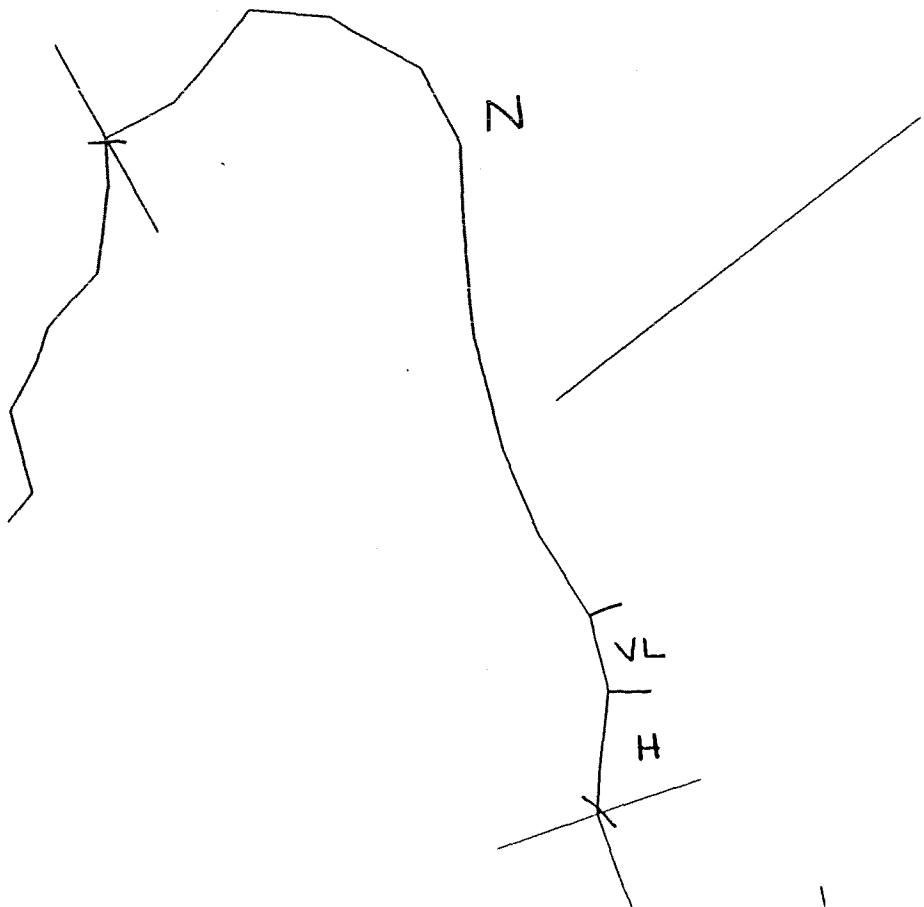
Percent Segment Categorized as Oiled: 10%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV015-1 / EV015-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV016
 LOCATION: NE EVANS ISLAND

DATE: 10/14/89
 TIME: 9:20

Survey Type: Boat, Ground
 Team: G. Pavia, W. Ghormley

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretupes: H,LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (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: VL,L,M,H
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: S,H,M
 (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: 20 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

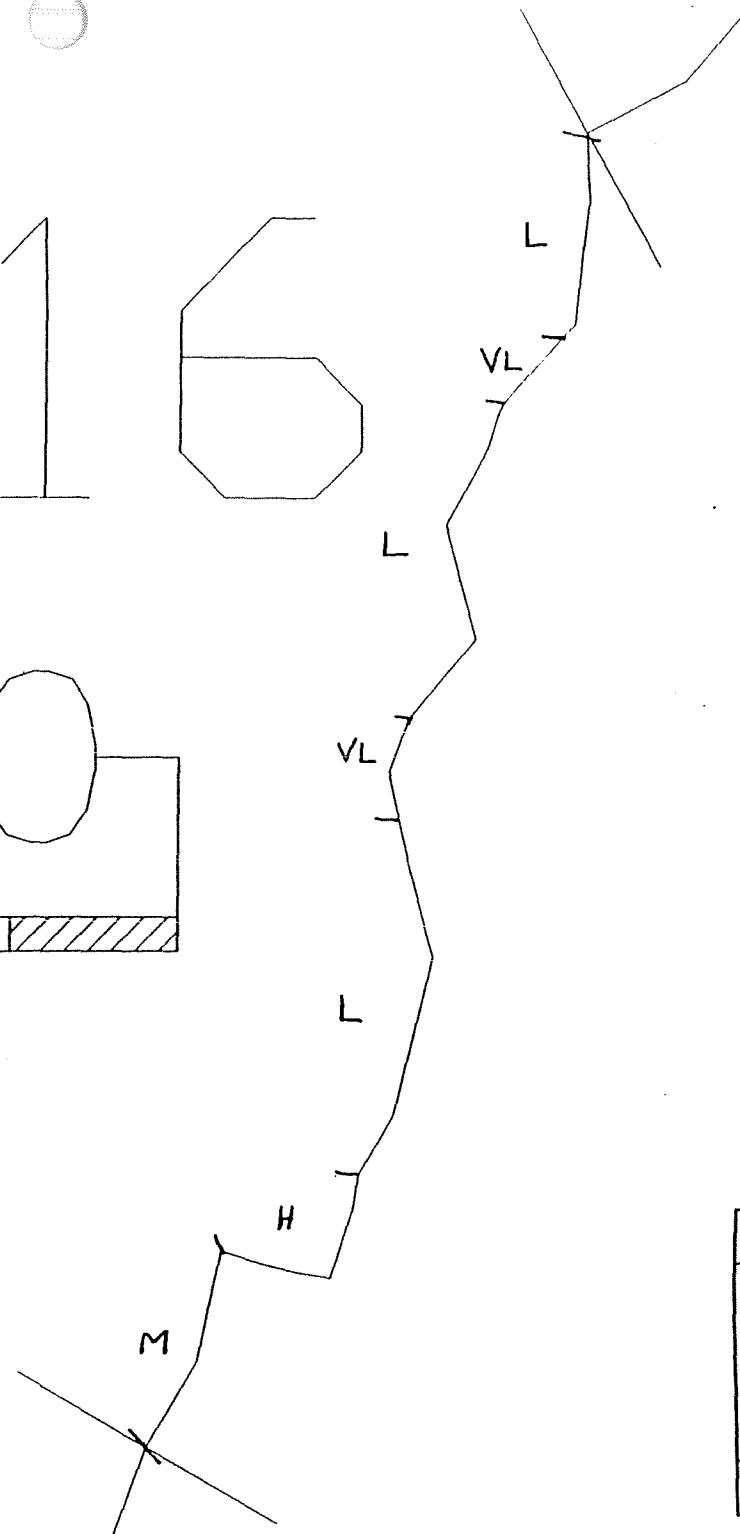
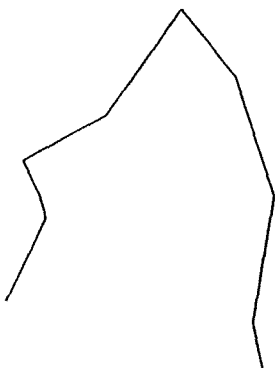
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, garbage
 Bags Collected: 0

EV016

500.0



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV017
LOCATION: NE EVANS ISLAND

DATE: 10/14/89
TIME: 9:45

Survey Type: Boat, Ground
Team: G. Pavia, W. Ghormley

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain
Sea State: Moderate

Wind Direction: NE
Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,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: L,M,H
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: S,H,M
(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: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV017-1 / EV017-2 / EV017-3 / none

DAMAGED OR OILED ORGANISMS

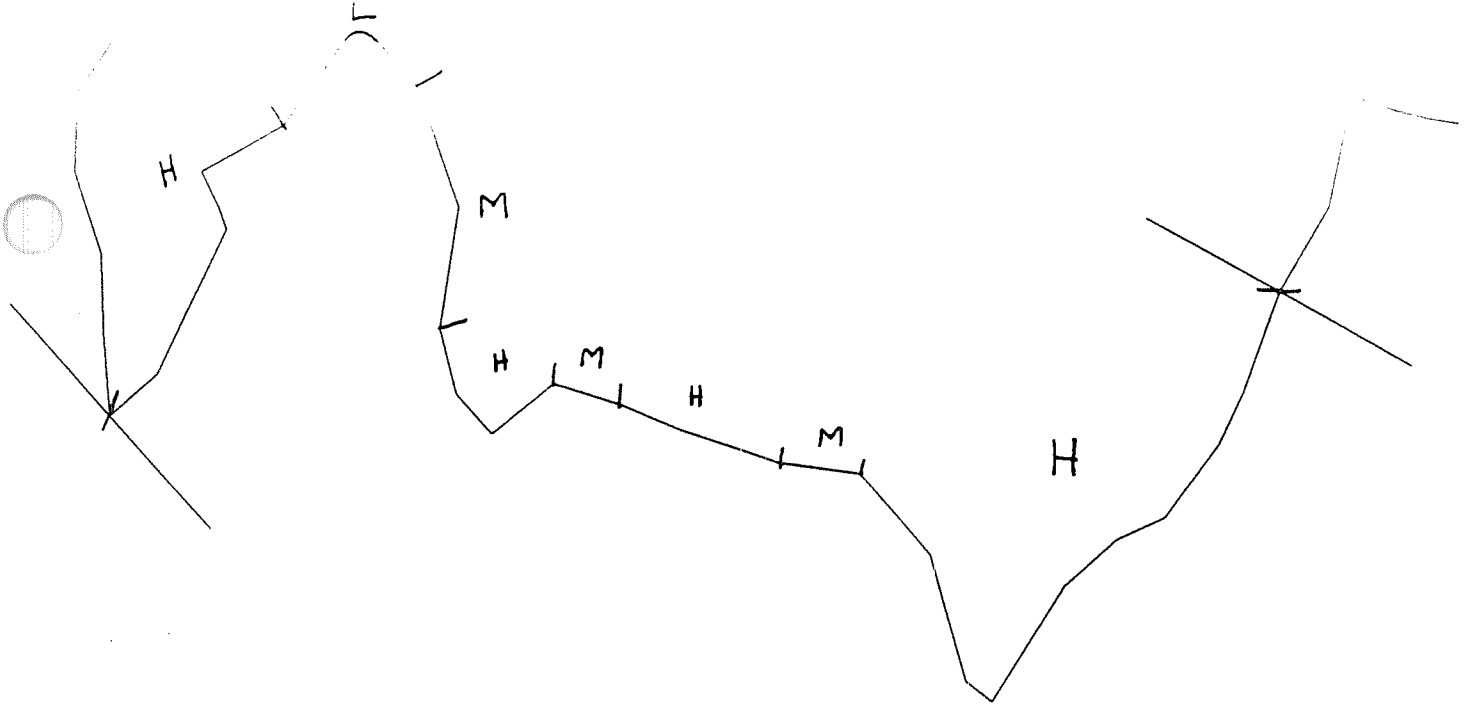
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

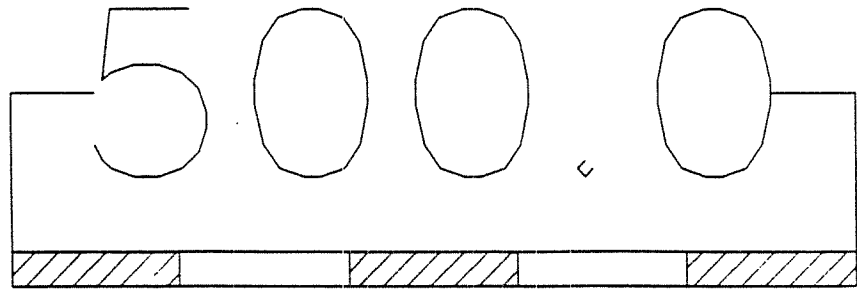
Type: Few localities; cleanup debris, garbage, signs
Bags Collected: 0

Draft

Printed: 12/12/89 11:17



EV017



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV018
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
 TIME: 10:24

Survey Type: Boat, Ground
 Team: G. Pavia, W. Ghormley

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 10 cm (35 = 35 cm or greater)

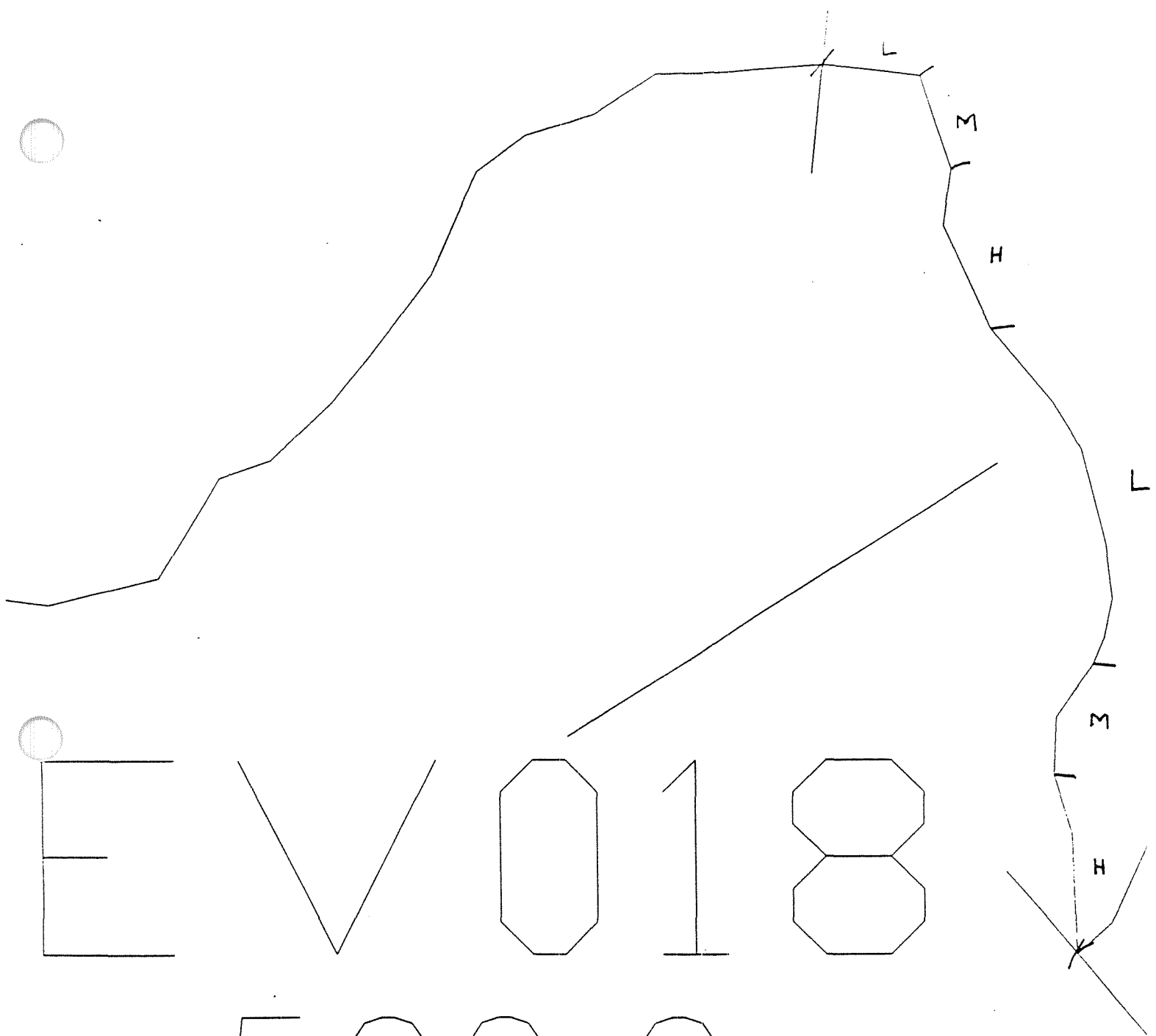
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV018-1 / EV018-2 / none / none

DAMAGED OR OILED ORGANISMS

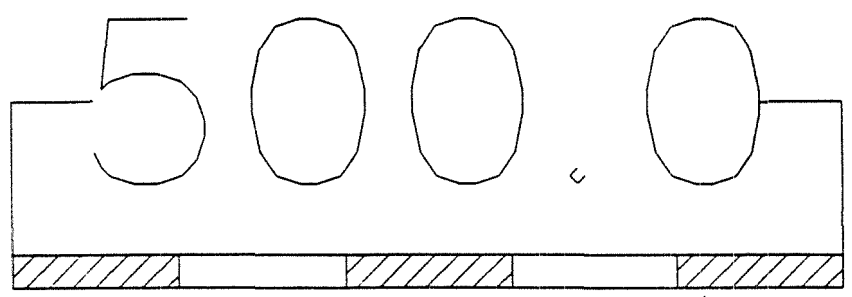
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, boom, garbage
 Bags Collected: 0



E V 0 1 8



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV019
LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
TIME: 10:46

Survey Type: Boat, Ground
Team: G. Pavia, W. Ghormley

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: L,M
(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: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV019-1 / EV019-2 / none / none

DAMAGED OR OILED ORGANISMS

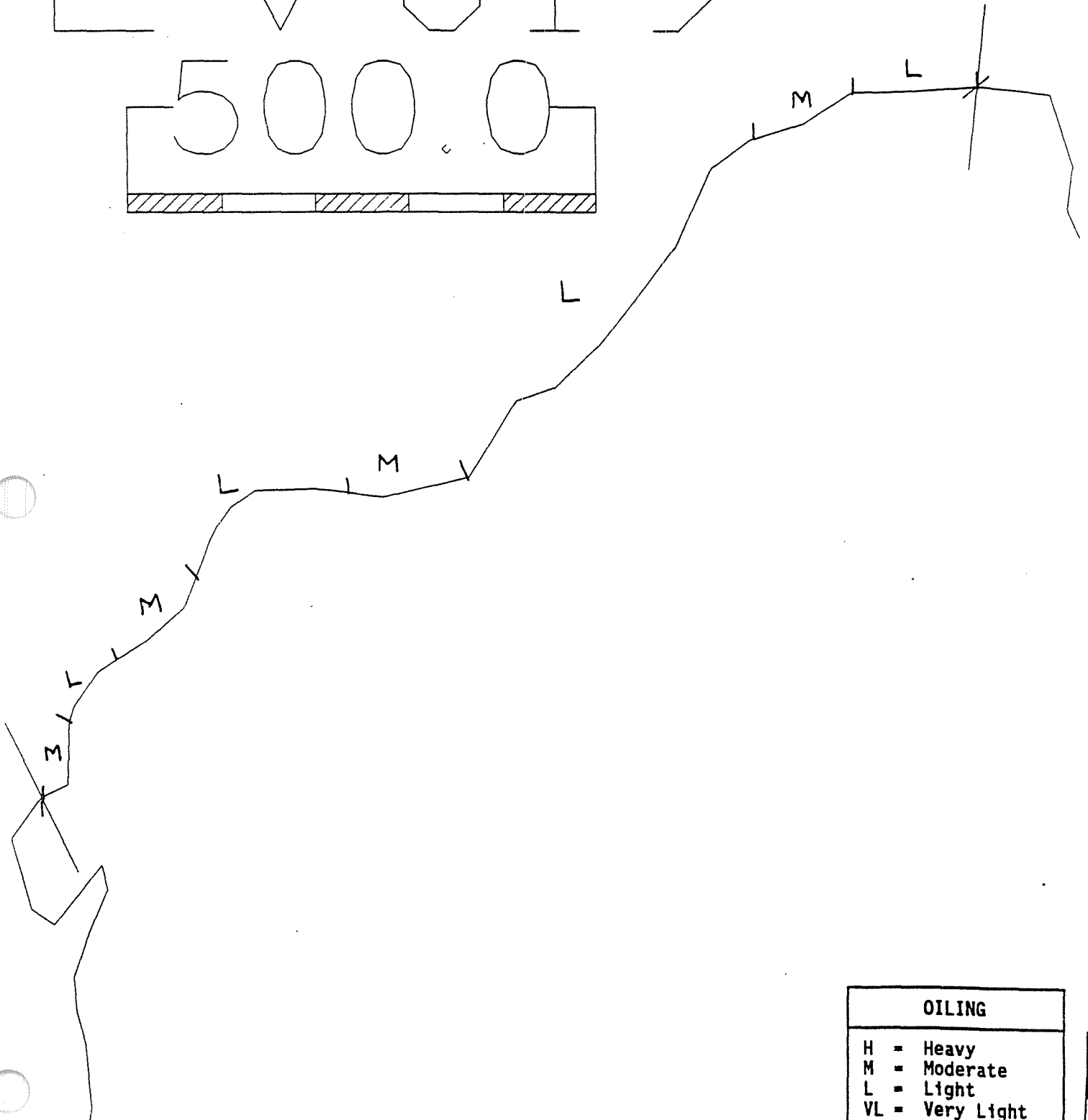
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0

EV019

500.0



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO20
LOCATION: SHELTER BAY, EVANS I.

DATE: 10/19/89
TIME: 10:30

Survey Type: Boat, Ground
Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy
Sea State: Calm

Wind Direction: NW
Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
Low Tide: 23:52 Feet: -0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

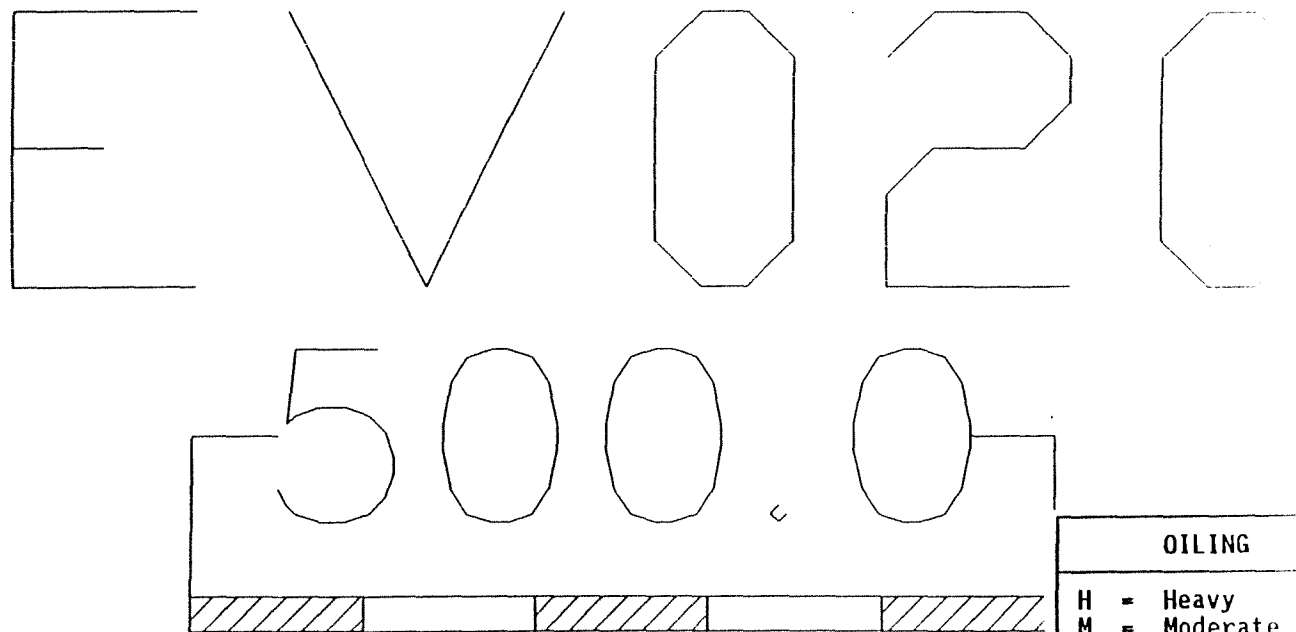
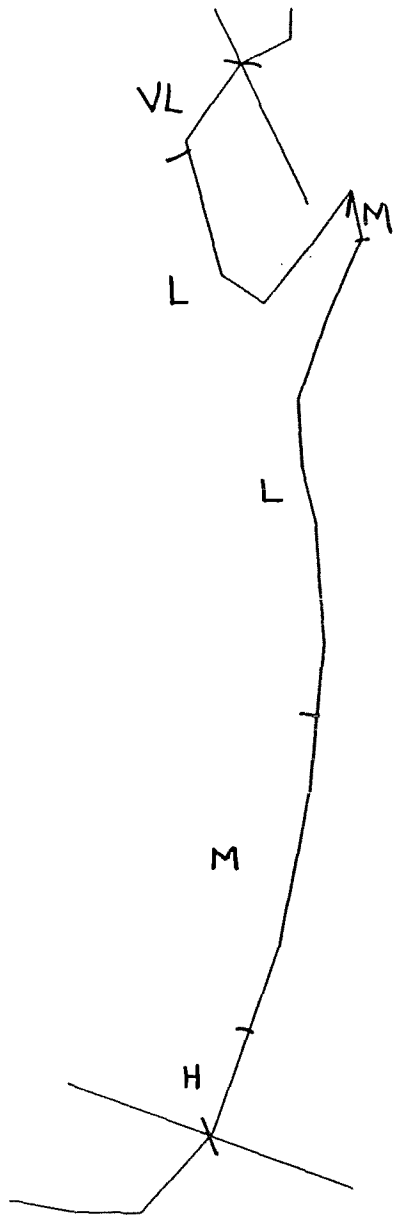
Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV021
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/19/89
 TIME: 9:50

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: -0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 8 cm (35 = 35 cm or greater)

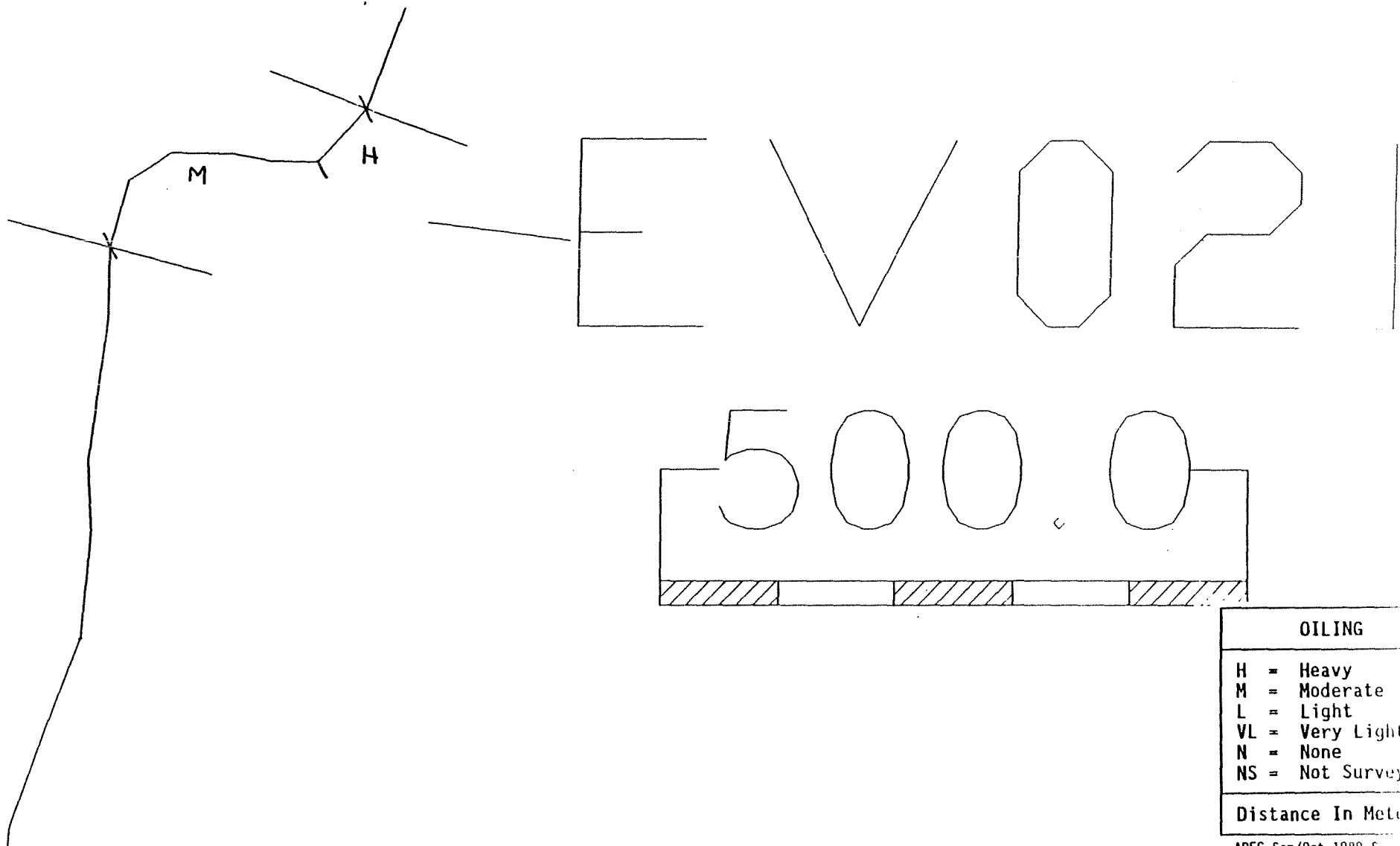
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV021-1 / EV021-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality; Cleanup debris
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV022
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/19/89
 TIME: 9:45

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: -0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: L,M
 (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)

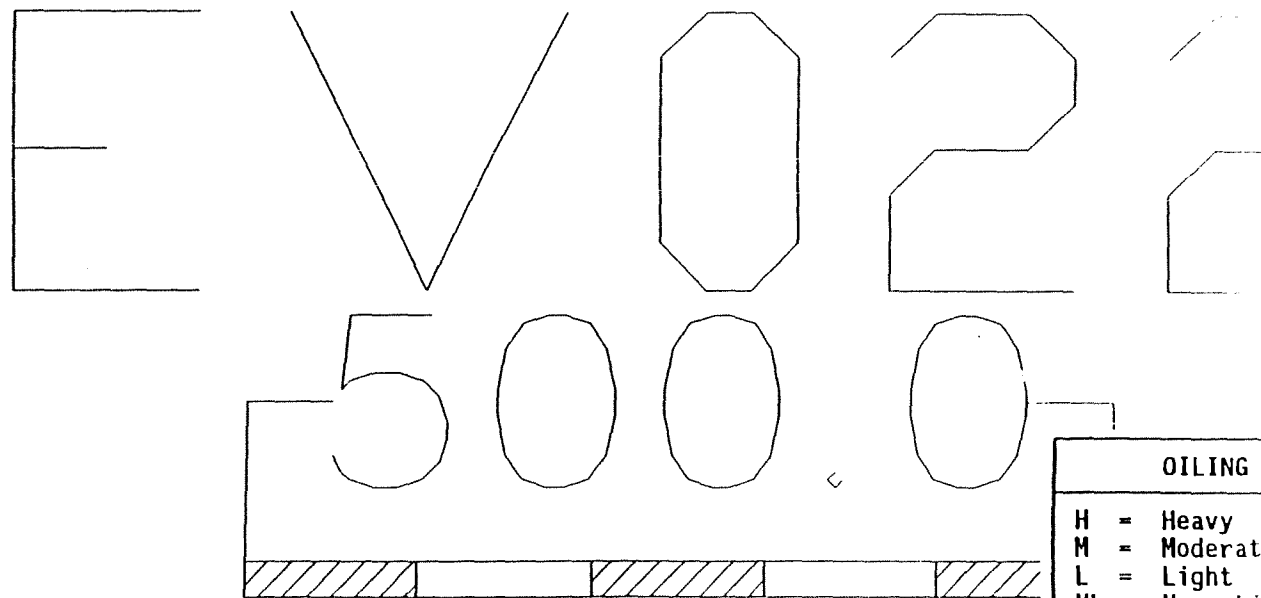
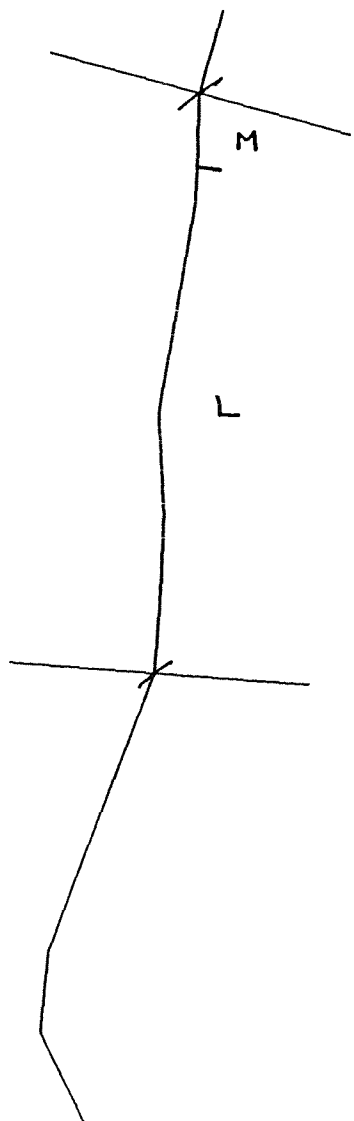
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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: One locality; Pom pom
 Bags Collected: 0



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

ACEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV023
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
 TIME: 10:45

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: 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: 5 cm (35 = 35 cm or greater)

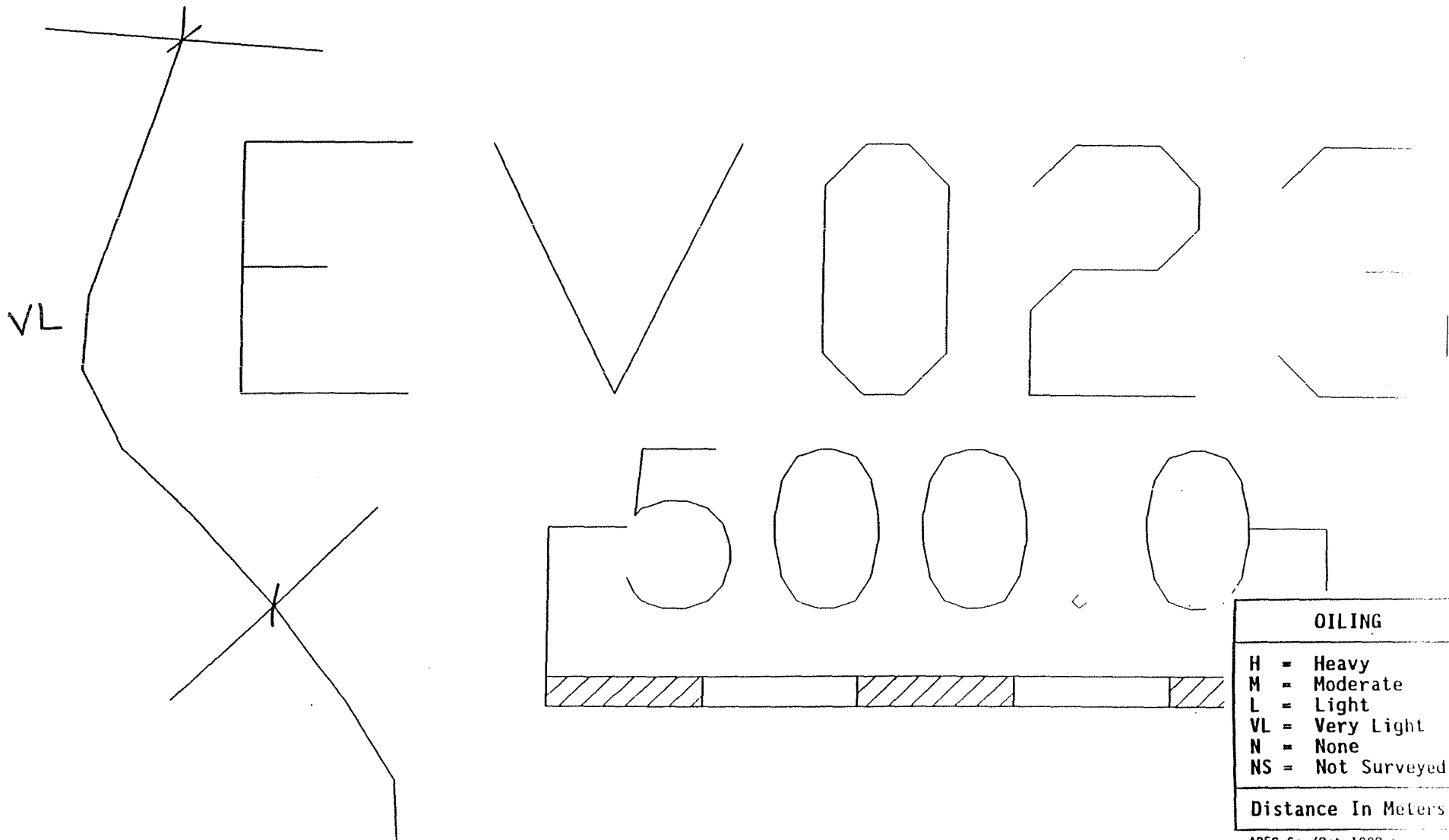
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



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

N ↑

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV024
LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
TIME: 10:37

Survey Type: Boat, Ground
Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain
Sea State: Moderate

Wind Direction: NW
Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: L,M
(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: 3 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV024-1 / EV024-2 / none / none

DAMAGED OR OILED ORGANISMS

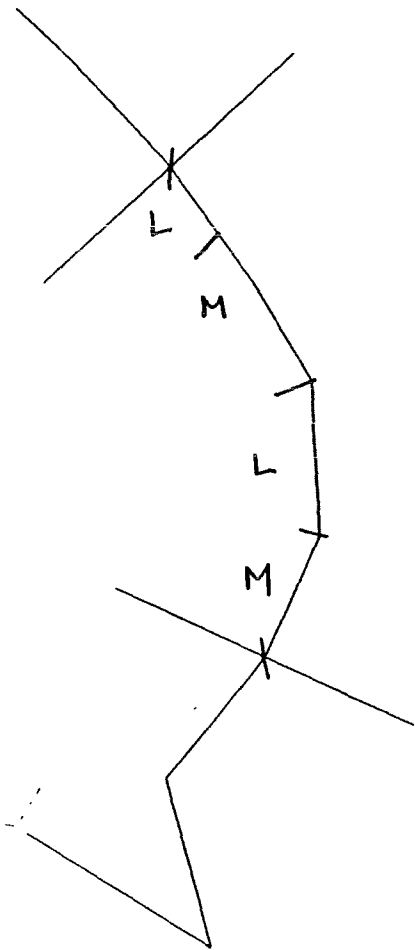
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

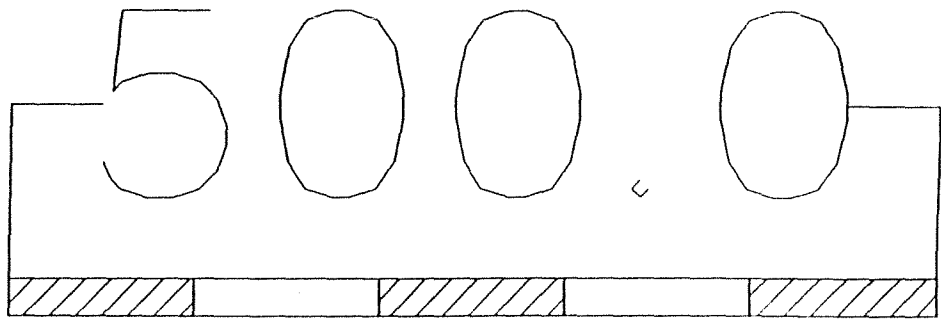
Type: None
Bags Collected: 0

Draft

Printed: 12/12/89 11:17



E V 0 2 4



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV025
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
 TIME: 10:25

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)

Shoreline Composition: C,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,H
 (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)

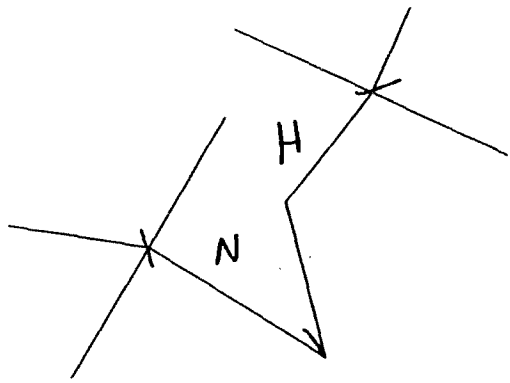
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,A
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV025-1 / EV025-2 / none / none

DAMAGED OR OILED ORGANISMS

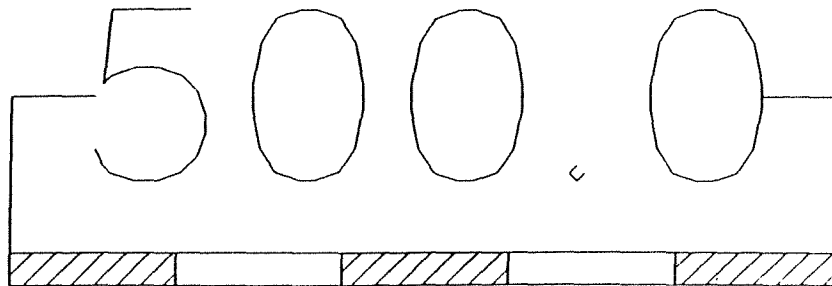
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



E V O 2 5



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV026
LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
TIME: 10:11

Survey Type: Boat, Ground
Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain
Sea State: Moderate

Wind Direction: NW
Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L
(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: 15 cm (35 = 35 cm or greater)

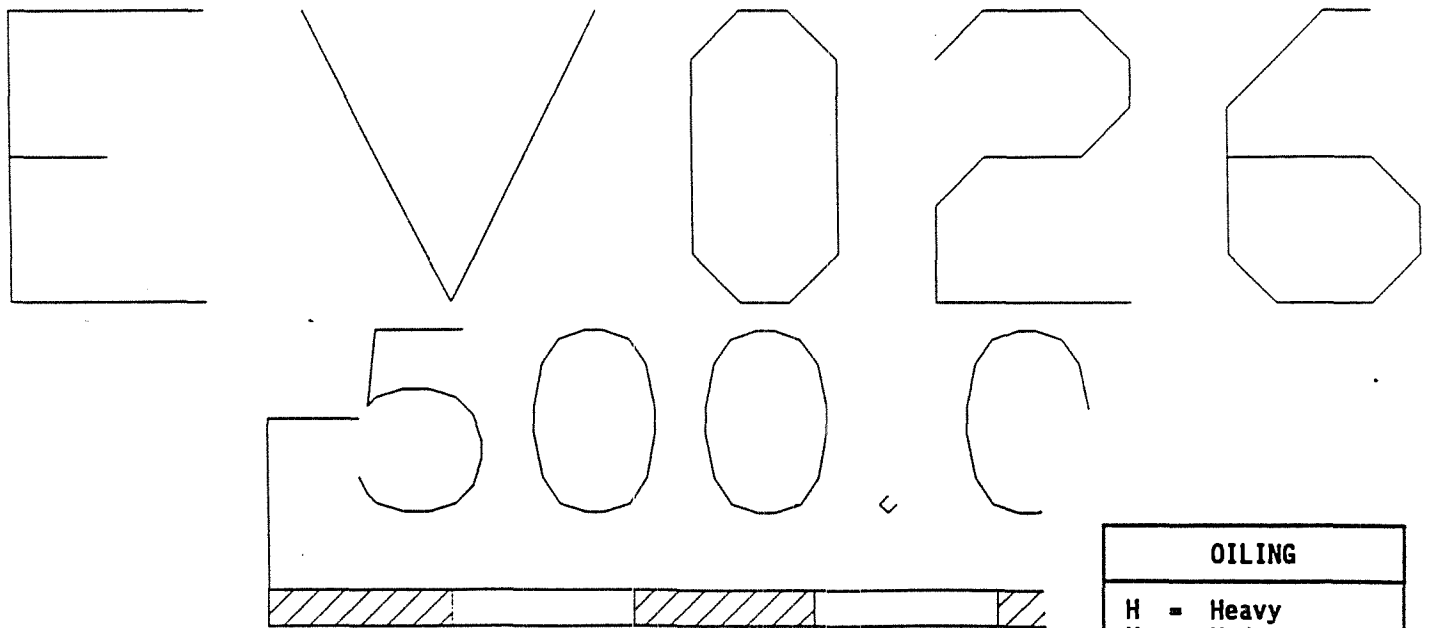
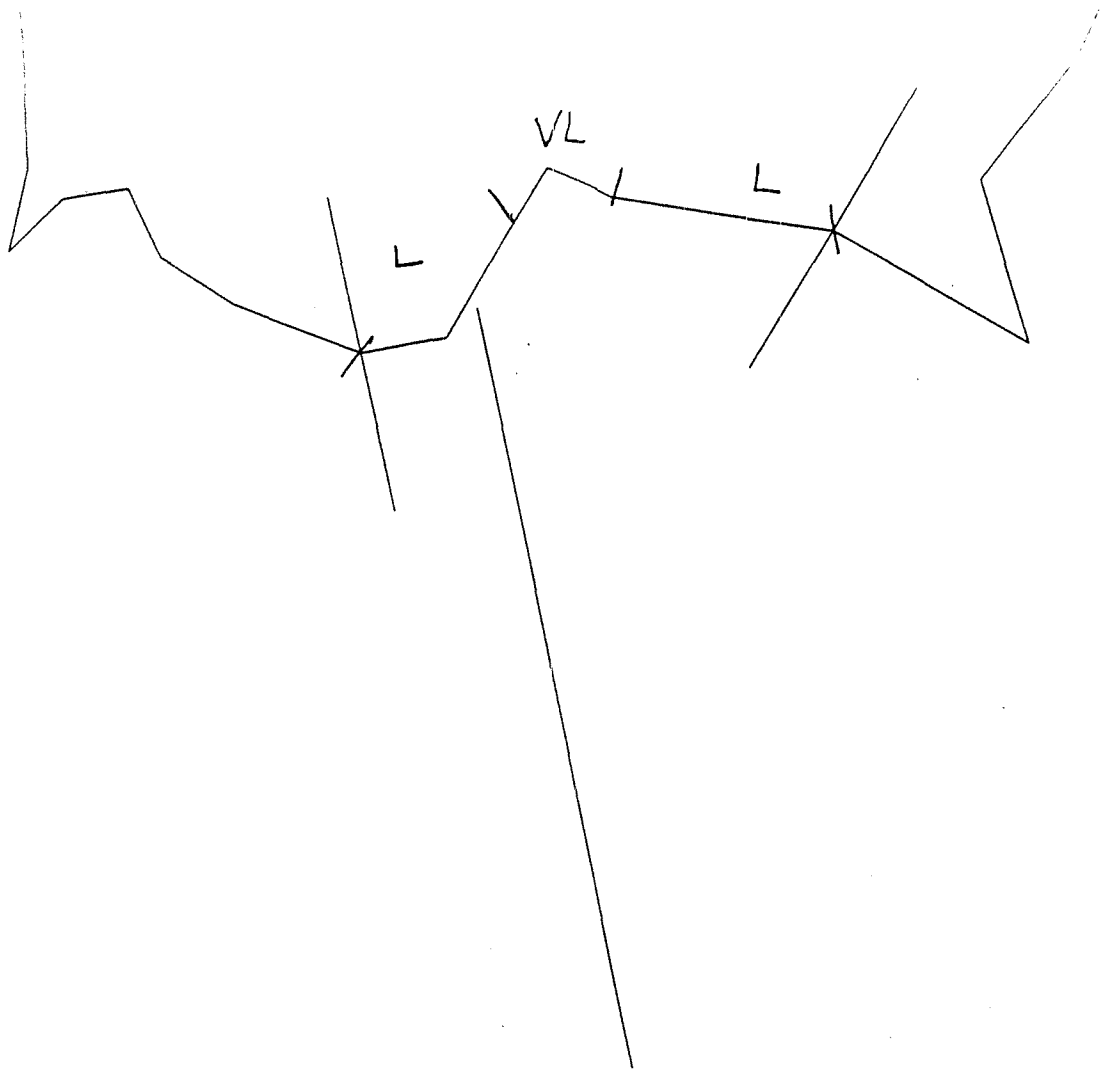
Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: SY,T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV026-1 / EV026-2 / none / none

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



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV027
LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
TIME: 9:39

Survey Type: Boat, Ground
Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NW
Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,L
(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: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 30%
Presence of Oiled Driftwood (y/n): y
Oil Types: SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV027-1 / EV027-2 / 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

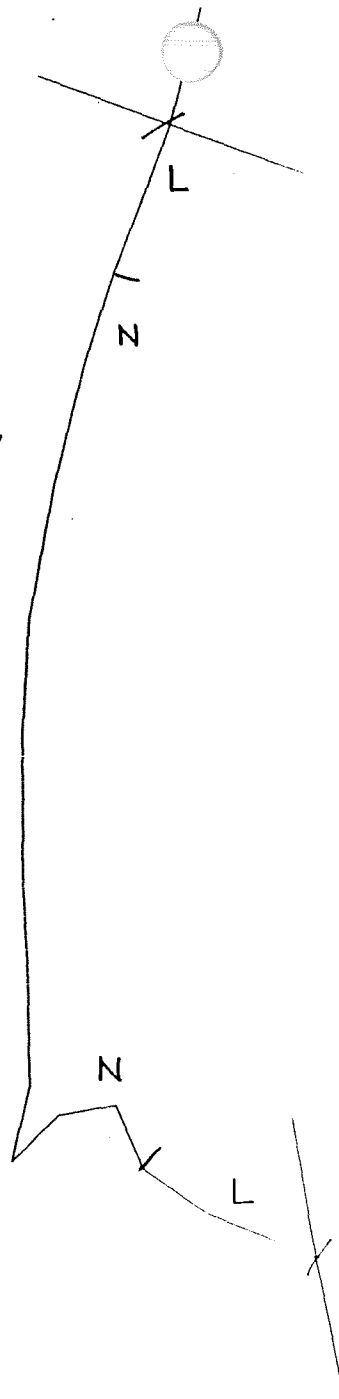
EVO27

500.0

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



ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV028
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
 TIME: 9:01

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (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
 (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: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV028-1 / EV028-2 / none / none

DAMAGED OR OILED ORGANISMS

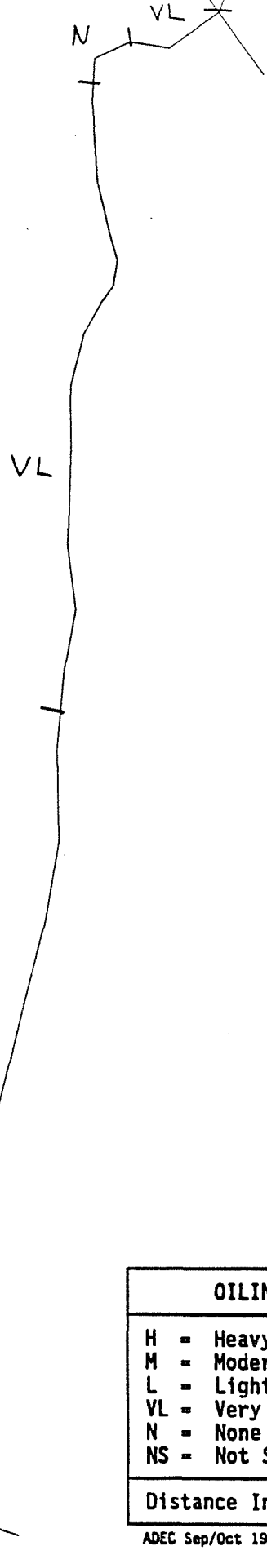
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localites, Boom, Pom poms
 Bags Collected: 0

500.0

EV028



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey



EV36-EV68

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV036
 LOCATION: NE EVANS ISLAND

DATE: 10/14/89
 TIME: 11:10

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

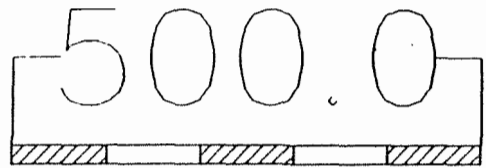
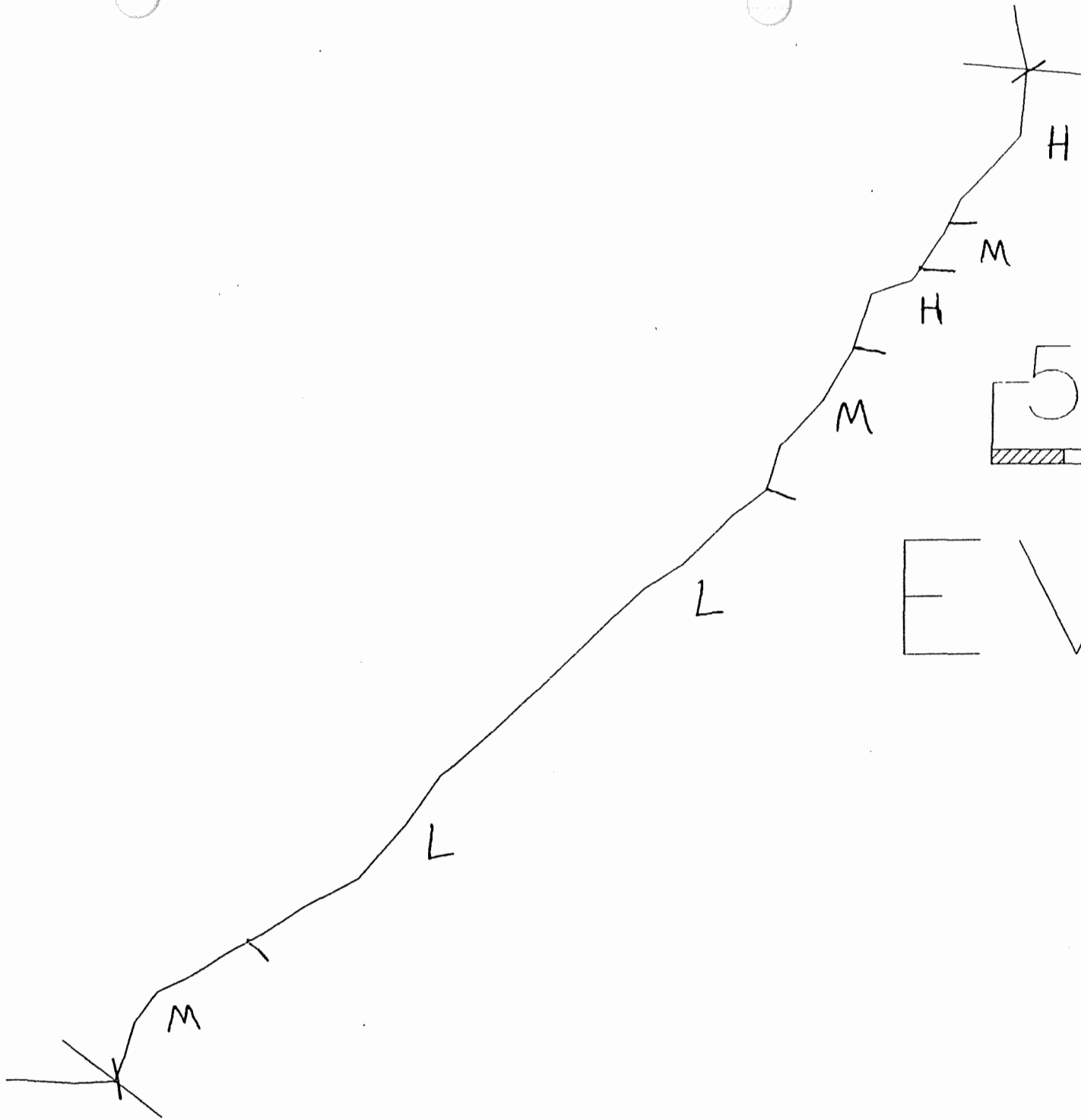
Degree of Oiling: N,L,M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / 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



EV036

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV037
 LOCATION: NE EVANS ISLAND

DATE: 10/14/89
 TIME: 10:45

Survey Type: Boat, Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

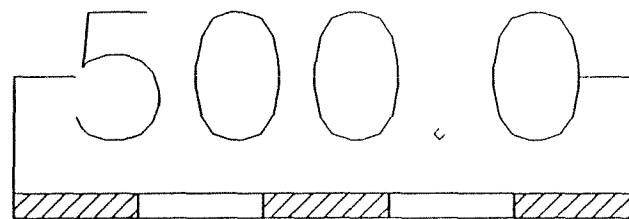
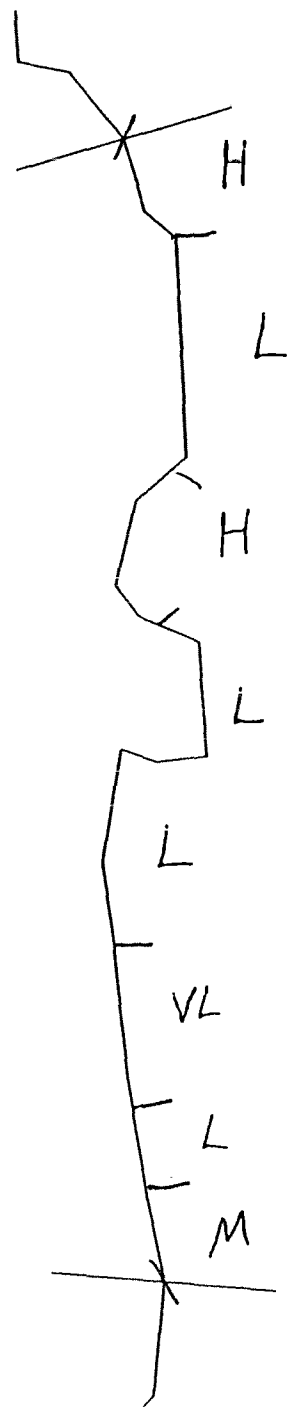
Degree of Oiling: VL,L,M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 18 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV037-1 / EV037-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



EV037

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV039
LOCATION: NE EVANS ISLAND

DATE: 10/14/89
TIME: 10:00

Survey Type: Boat, Ground
Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain
Sea State: Moderate

Wind Direction: NE
Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,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: 2 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 18 cm (35 = 35 cm or greater)

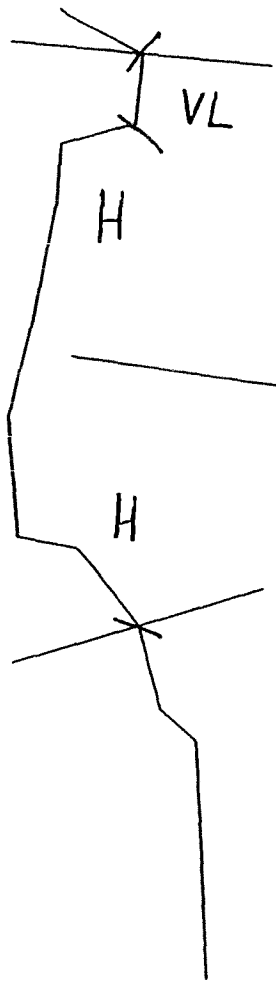
Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): y
Oil Types: M,SY,T,A,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV039-1 / EV039-2 / none / none

DAMAGED OR OILED ORGANISMS

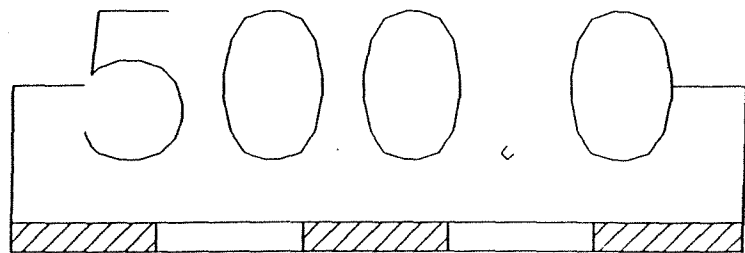
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0



E V 0 3 9



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV040
LOCATION: NE EVANS ISLAND

DATE: 10/14/89
TIME: 10:55

Survey Type: Boat
Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Rain
Sea State: Rough

Wind Direction: NE
Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

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

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

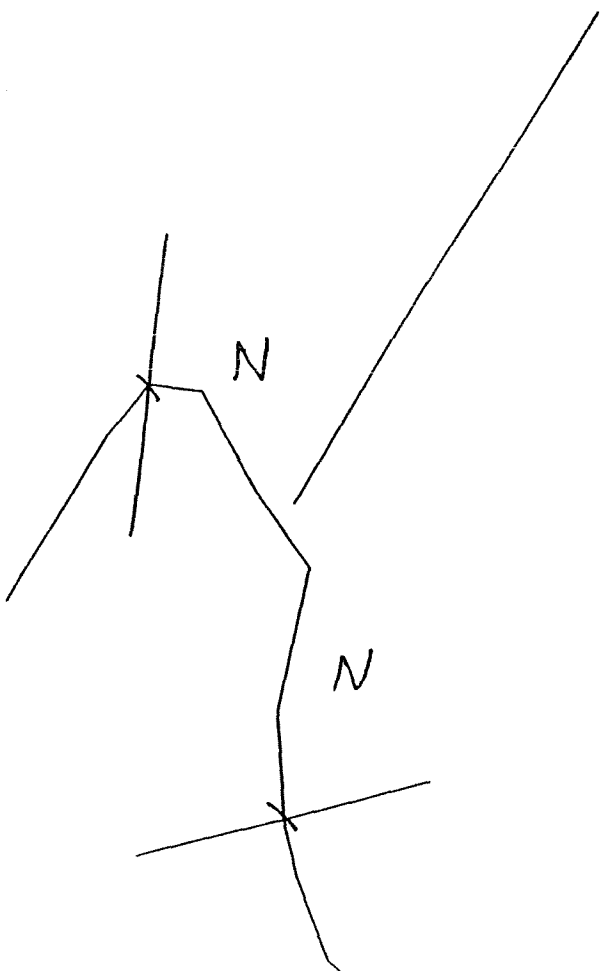
Percent Segment Categorized as Oiled: 0%
Presence of Oiled Driftwood (y/n): n
Oil Types: none
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

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



ENV040

500.0

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV050
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/11/89
 TIME: 16:30

Survey Type: Boat, Ground
 Team: J. Hayes, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: SW
 Sea State: Moderate Knots: 0-15

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

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

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 9 cm (35 = 35 cm or greater)

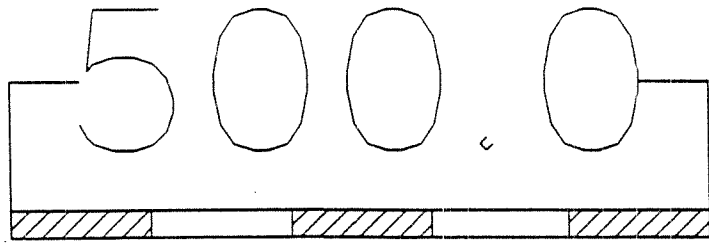
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV050-1 / EV050-2 / none / none

DAMAGED OR OILED ORGANISMS

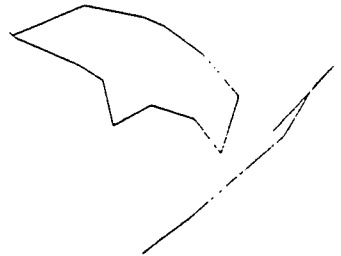
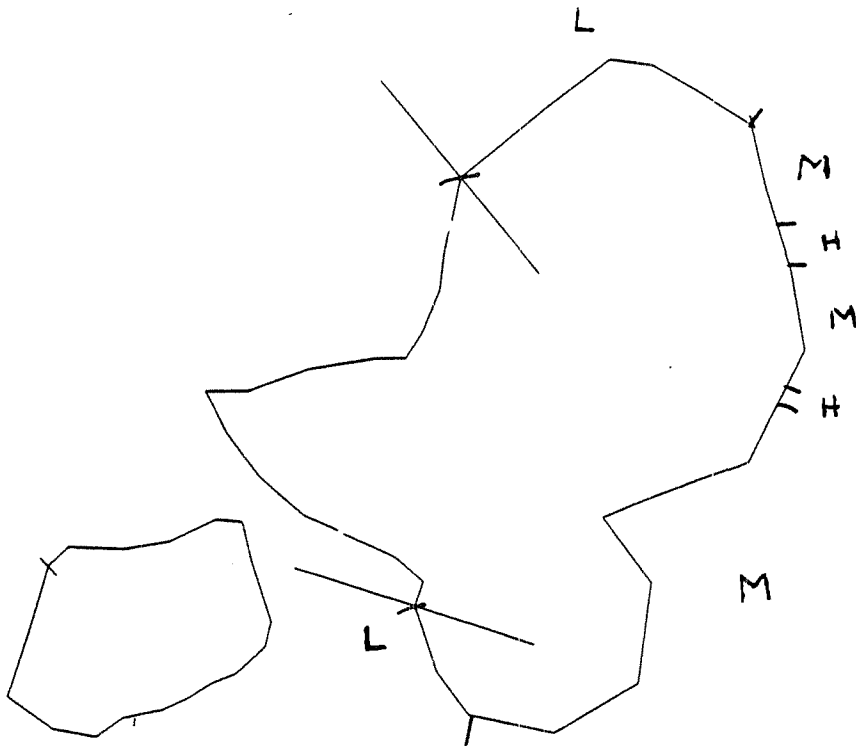
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few Localities; cleanup debris, garbage, signs
 Bags Collected: 1



E V O S O



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV051A
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/11/89
 TIME: 8:53

Survey Type: Boat, Ground
 Team: D. Zobrist, P. Endres, P. Montesano

WEATHER AND SEA CONDITIONS

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

Low Tide: 5:18 Feet: 1.32 High Tide: 11:41 Feet: 11.1
 Low Tide: 17:41 Feet: 2.77 High Tide: 23:42 Feet: 11.7

SHORELINE DESCRIPTION

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

Wave Exposure: M (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,L
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 3 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 70%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV051B-1 / EV051B-2 / none / none

DAMAGED OR OILED ORGANISMS

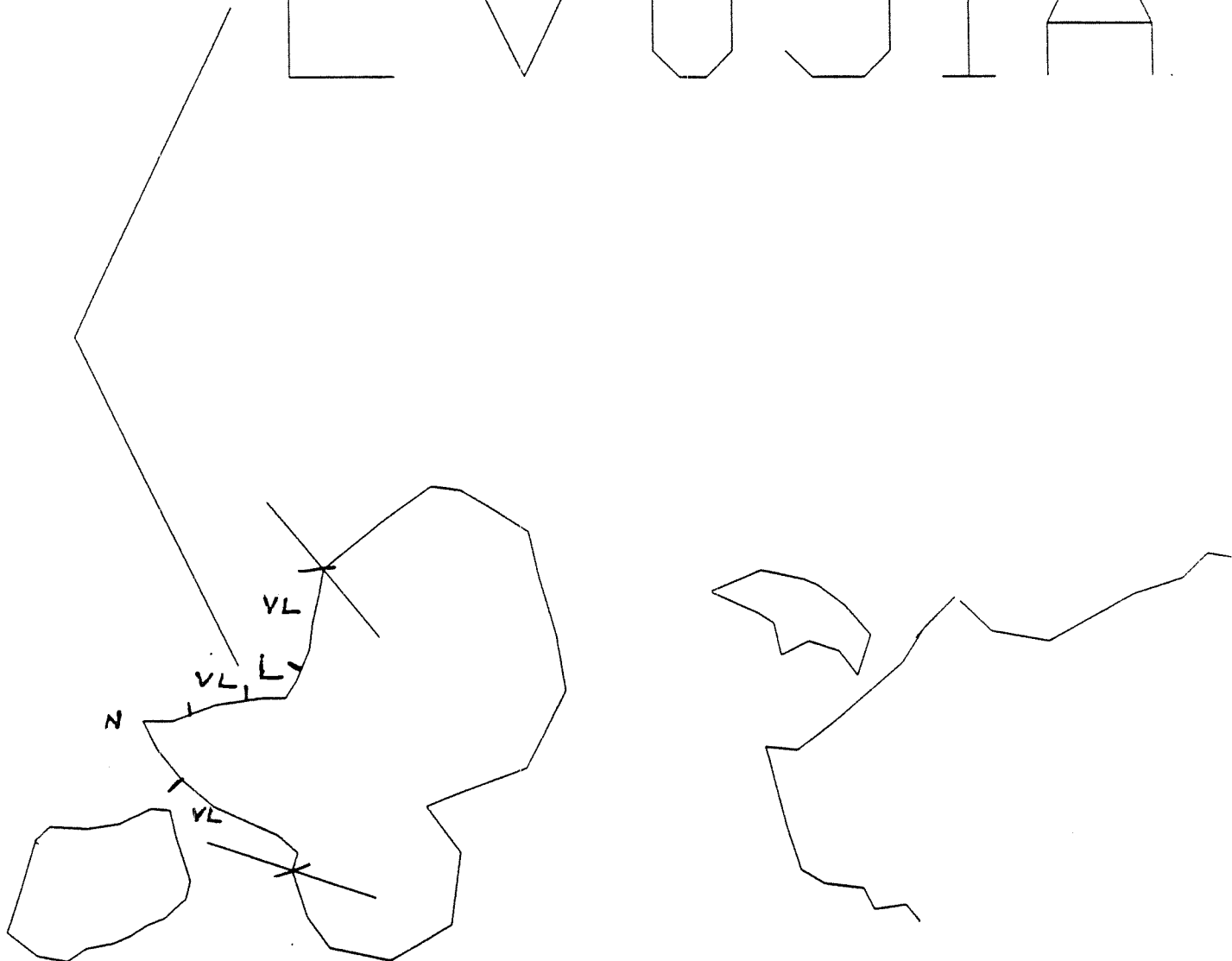
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

500.0

EV051A



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV051B
 LOCATION: ISLAND W OF EVANS ISLAND

DATE: 10/11/89
 TIME: 8:47

Survey Type: Boat, Ground
 Team: D. Zorbist, P. Endres, P. Montesano

WEATHER AND SEA CONDITIONS

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

Low Tide: 5:12 Feet: 1.3 High Tide: 11:38 Feet: 11.5
 Low Tide: 17:36 Feet: 2.6 High Tide: 23:39 Feet: 12.2

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)

Shoreline Composition: R,B
 (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,M
 (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: 2 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 10%

Presence of Oiled Driftwood (y/n): y

Oil Types: M,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EV051B-1 / EV051B-2 / none / none

DAMAGED OR OILED ORGANISMS

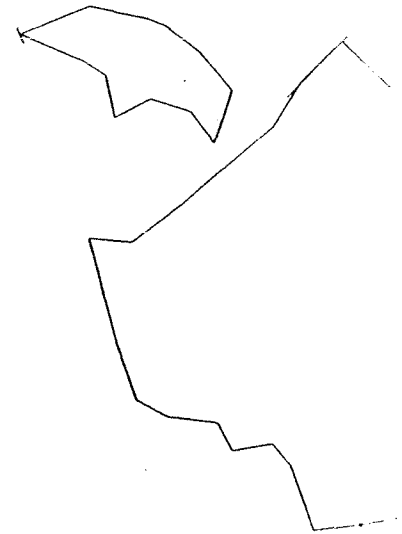
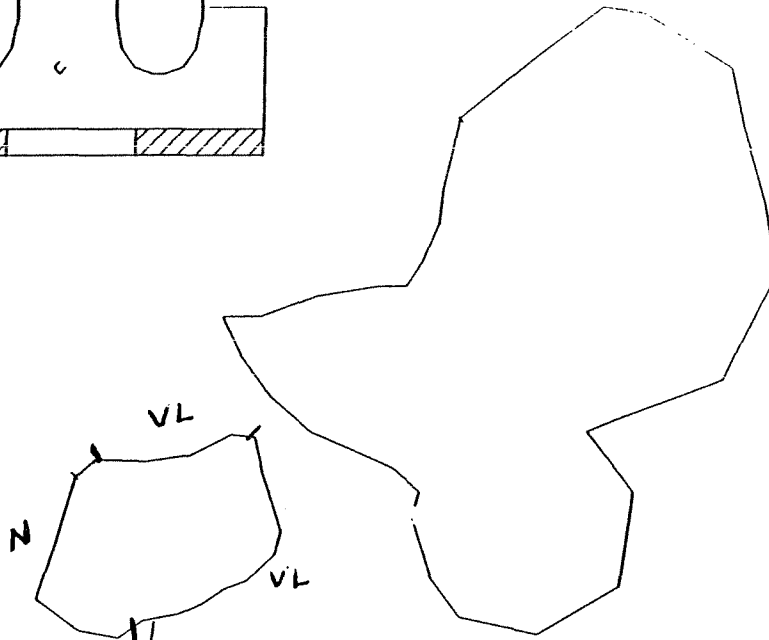
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None

Bags Collected: 0

500.0



FVNS1R

OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed



Distance In Miles

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV052
LOCATION: ISLAND OFF E EVANS I.

DATE: 10/13/89
TIME: 9:29

Survey Type: Boat, Ground
Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: variable
Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

Degree of Oiling: VL,L
(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: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: EV052-1 / EV052-2 / none / none

DAMAGED OR OILED ORGANISMS

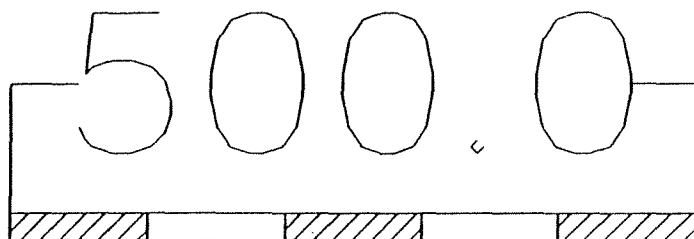
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0



EV052



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV053
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/13/89
 TIME: 9:00

Survey Type: Boat, Ground
 Team: J. Hayes, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

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

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 9 cm (35 = 35 cm or greater)

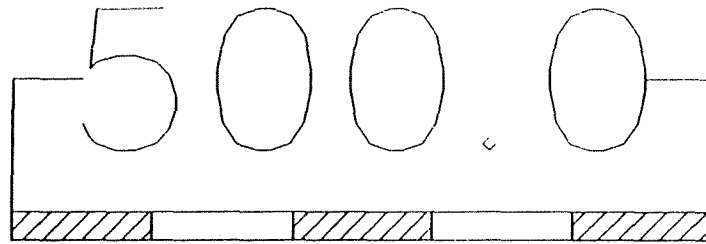
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

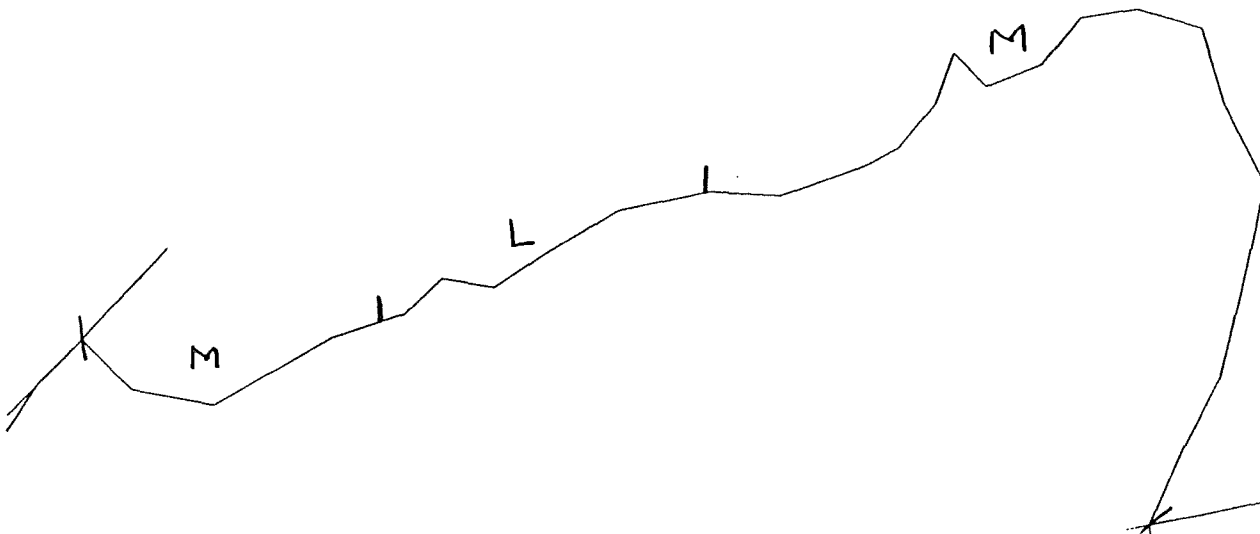
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few localities, boom, cleanup debris, garbage
 Bags Collected: 1



EV053



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV058A
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/04/89
 TIME: 11:30

Survey Type: Boat, Ground
 Team: P. Montesano, D. Hall

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: SE
 Sea State: Moderate Knots: 0-15

Low Tide: 22:58 Feet: 1. High Tide: 4:33 Feet: 10.2
 Low Tide: 10:12 Feet: 3.97 High Tide: 16:03 Feet: 12.2

SHORELINE DESCRIPTION

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

Wave Exposure: M (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,L
 (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: 0 cm (35 = 35 cm or greater)

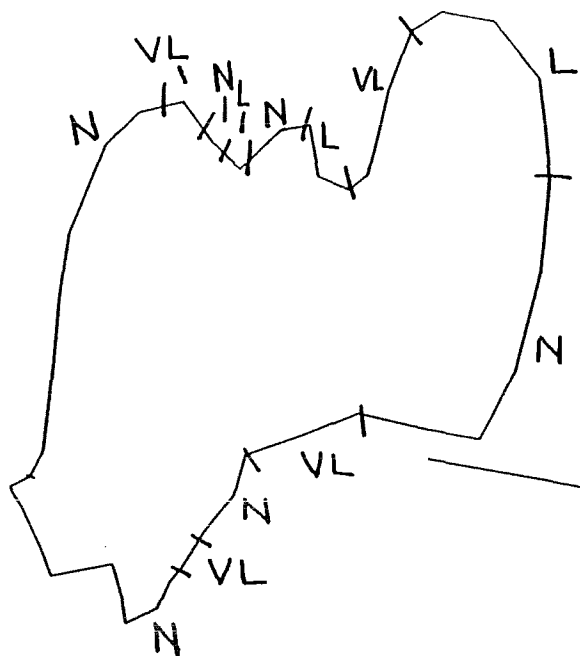
Percent Segment Categorized as Oiled: 35%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

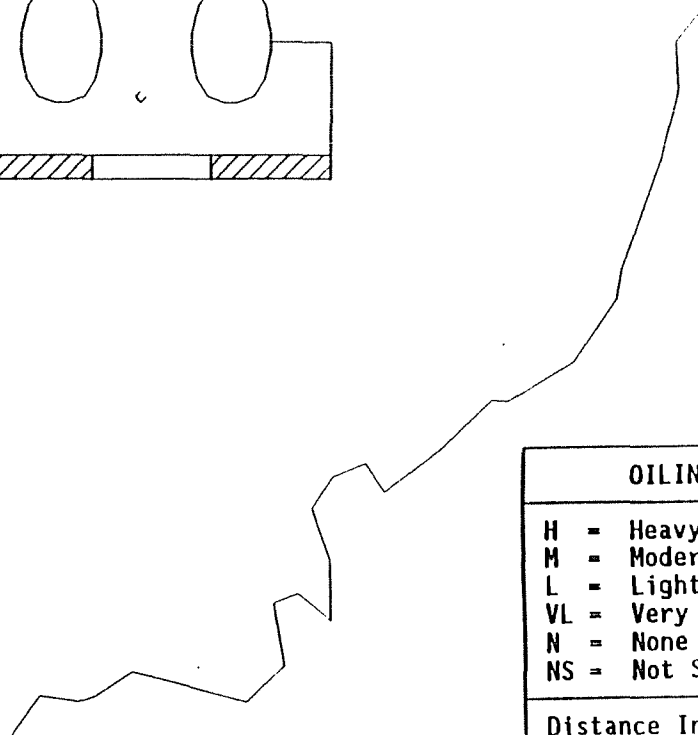


EV058A

500.0

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

N



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO588
 LOCATION: N CRAB BAY, EVANS I.

DATE: 10/04/89
 TIME: 11:00

Survey Type: Boat, Ground
 Team: D. Hall, P. Montesano

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy, Rain Wind Direction: S
 Sea State: Moderate Knots: 0-15

Low Tide: 22:58 Feet: 1. High Tide: 4:33 Feet: 10.2
 Low Tide: 10:12 Feet: 3.97 High Tide: 16:03 Feet: 12.2

SHORELINE DESCRIPTION

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

Wave Exposure: M (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
 (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: 0 cm (35 = 35 cm or greater)

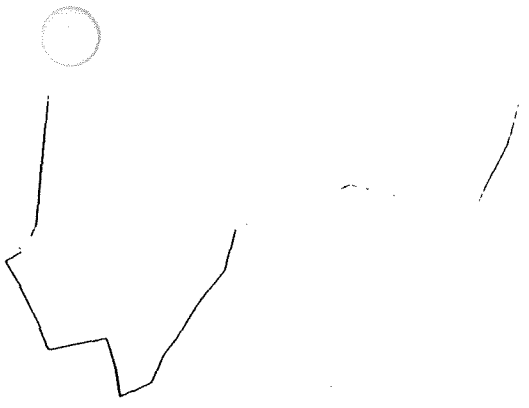
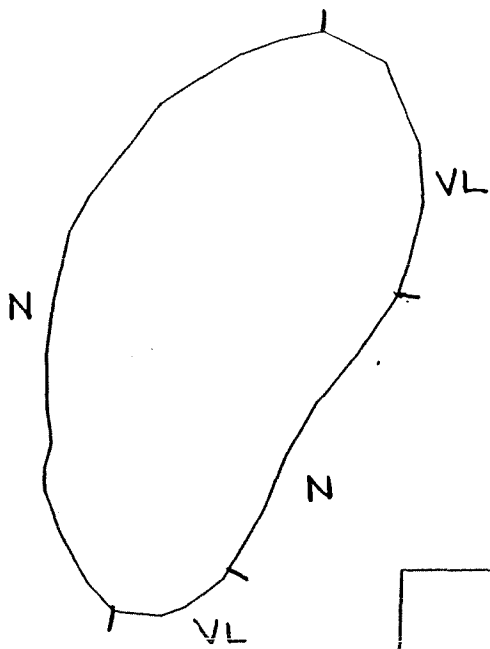
Percent Segment Categorized as Oiled: 30%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

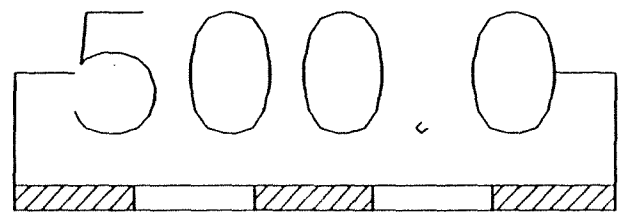
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 1 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



E V 0 5 8 8 B



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV058C
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/12/89
 TIME: 9:20

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 16-30

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: LR
 (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
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 50%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

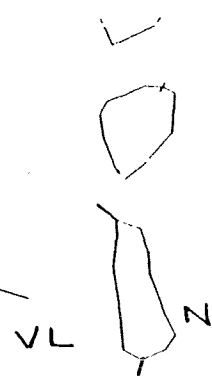
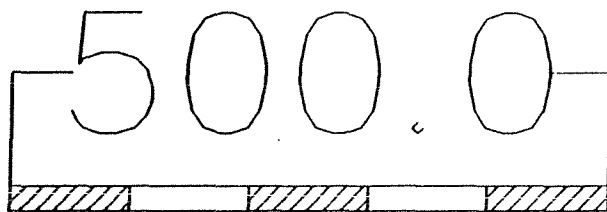
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

EV0580C

500.0



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV058D
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/12/89
 TIME: 9:12

Survey Type: Boat
 Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 16-30

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)

Shoreline Composition: R,B
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 30%

Presence of Oiled Driftwood (y/n): n

Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

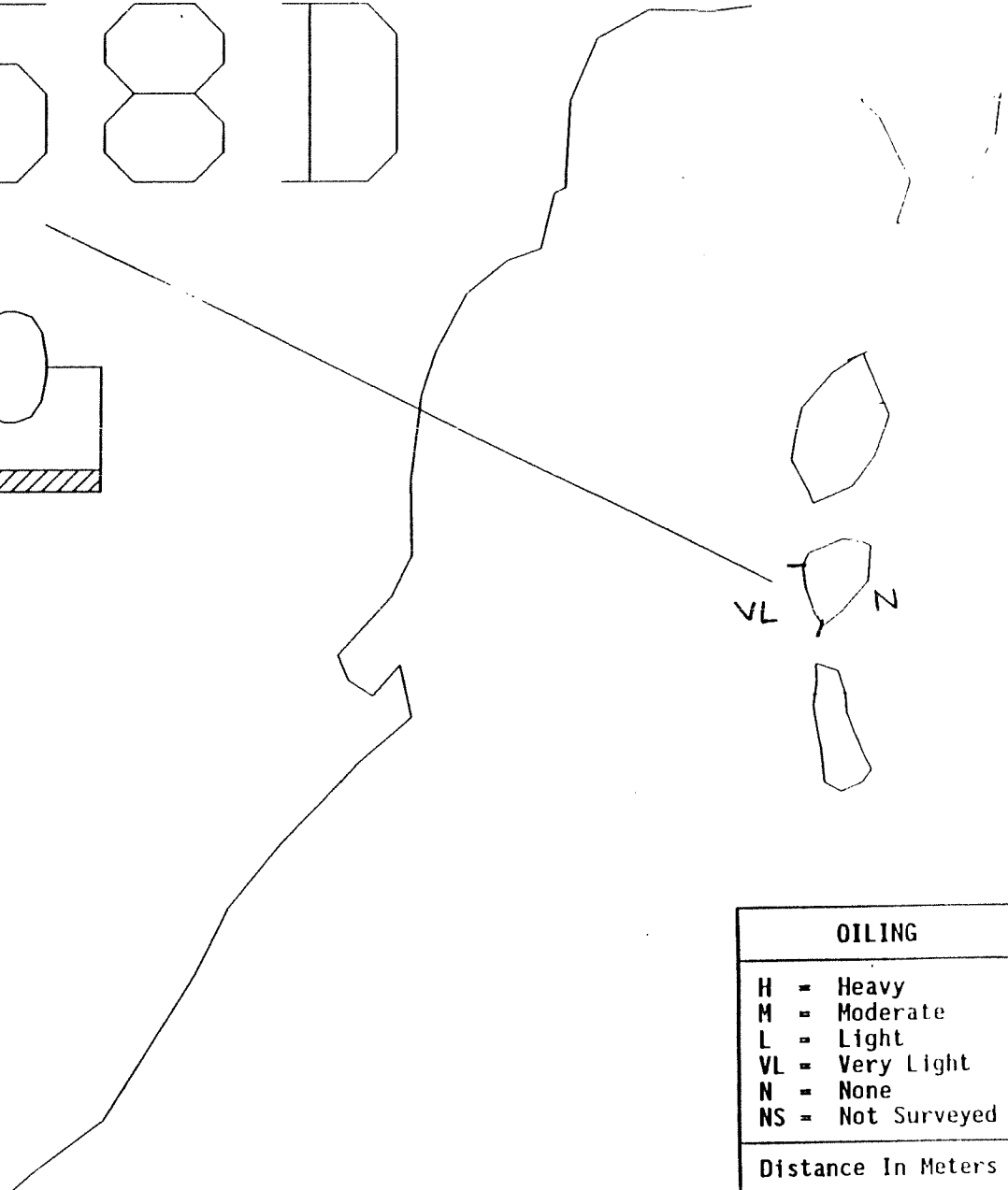
SOLID WASTE FOUND

Type: None

Bags Collected: 0

EV058D

500.0



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

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV058E
 LOCATION: ISLAND OFF E EVANS I.

DATE: 10/12/89
 TIME: 9:12

Survey Type: Boat, Ground
 Team: B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Moderate Knots: 16-30

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: LR
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

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

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

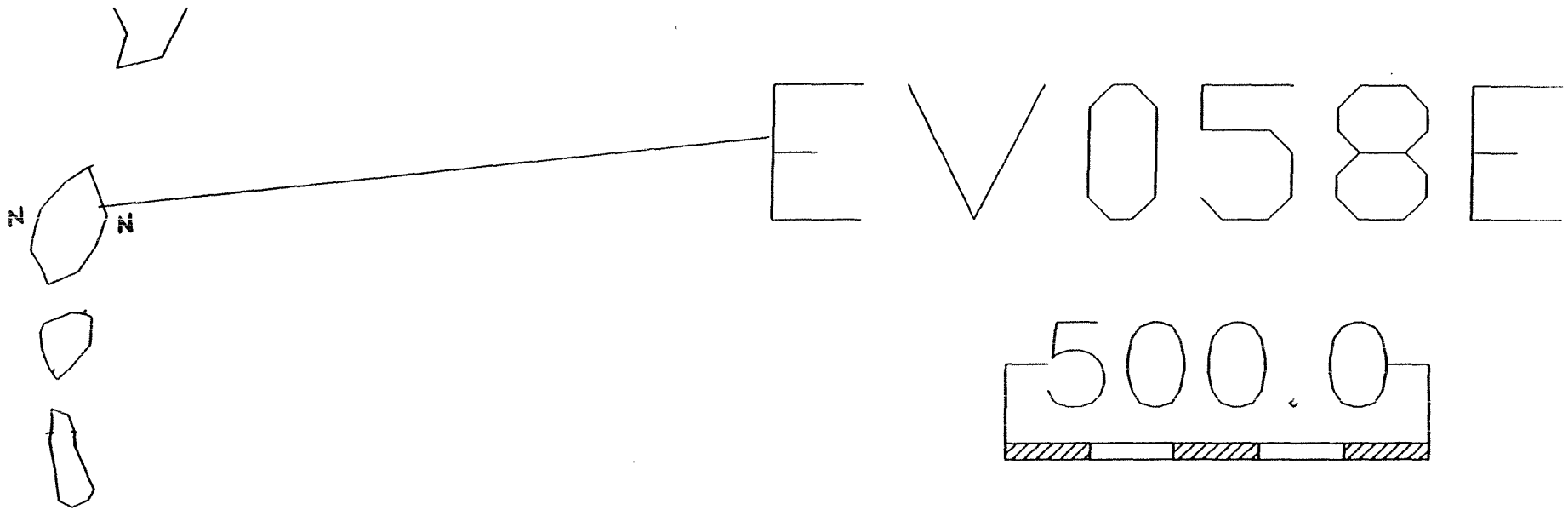
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: none
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



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

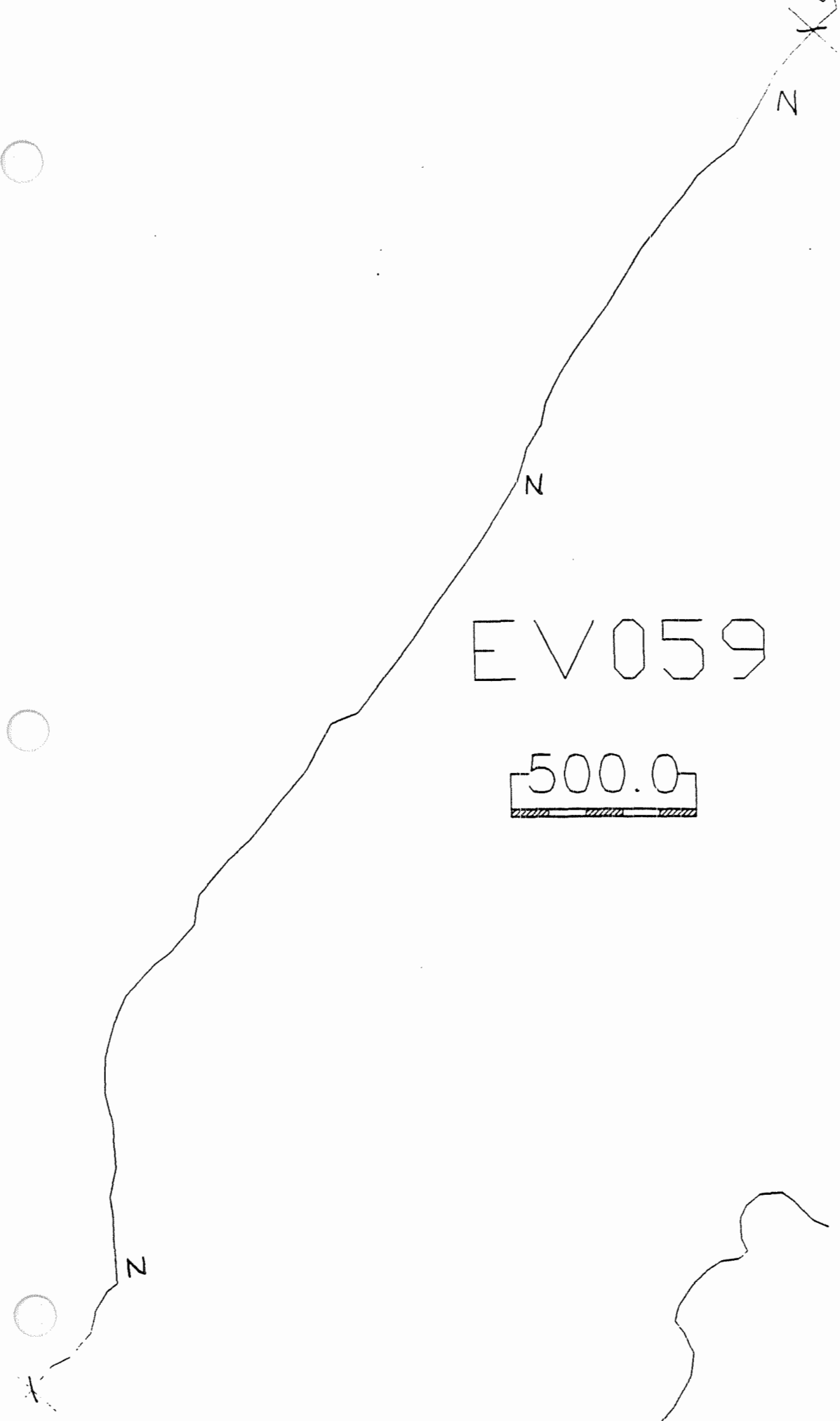
N

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV059 LOCATION: S EVANS ISLAND		DATE: 10/12/89 TIME: 17:50	
Survey Type: Boat, Ground Team: B. McCready, G. Winter			
<u>WEATHER AND SEA CONDITIONS</u>			
Weather: Sunny Sea State: Calm		Wind Direction: NW Knots: 0-15	
Low Tide: 6:02 Low Tide: 18:27	Feet: 0.63 Feet: 0.82	High Tide: 12:17 High Tide: -0-	Feet: 12.3 Feet: -0-
<u>SHORELINE DESCRIPTION</u>			
Shoretypes: H,LR,B (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 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)			
<u>OIL CHARACTERISTICS</u>			
Degree of Oiling: N (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: 0 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 2%			
Presence of Oiled Driftwood (y/n): n			
Oil Types: A (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: none / none / none / none			
<u>DAMAGED OR OILED ORGANISMS</u>			
Fucus (y/n): n		Barnacles (y/n): n	
Dead Mammals: 0		Mussels (y/n): n Dead Birds: 0	
<u>SOLID WASTE FOUND</u>			
Type: None		Bags Collected: 0	

Draft

Printed: 12/12/89 11:20



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV060
 LOCATION: NW EVANS ISLAND

DATE: 10/13/89
 TIME: 15:40

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretupes: 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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 6%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV060-1 / EV060-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

EV060

500.0

VL

N

VL

N

VL

L

VL

N

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



ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV061 LOCATION: S EVANS ISLAND		DATE: 10/12/89 TIME: 17:19	
Survey Type: Boat, Ground Team: B. McCready			
<u>WEATHER AND SEA CONDITIONS</u>			
Weather: Sunny Sea State: Calm		Wind Direction: NW Knots: 0-15	
Low Tide: 6:02	Feet: 0.63	High Tide: 12:17	Feet: 12.3
Low Tide: 18:27	Feet: 0.82	High Tide: -0-	Feet: -0-
<u>SHORELINE DESCRIPTION</u>			
Shoretypes: H,LR,B (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)			
Wave Exposure: H,M (H=high, M=moderate, L=low)			
Shoreline Composition: R,B,C,G (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)			
<u>OIL CHARACTERISTICS</u>			
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: 0 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 45%			
Presence of Oiled Driftwood (y/n): n			
Oil Types: T (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: none / none / none / none			
<u>DAMAGED OR OILED ORGANISMS</u>			
Fucus (y/n): n		Barnacles (y/n): n	
Dead Mammals: 0		Mussels (y/n): n	
		Dead Birds: 0	
<u>SOLID WASTE FOUND</u>			
Type: None		Bags Collected: 0	

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV062
 LOCATION: S EVANS ISLAND

DATE: 10/12/89
 TIME: 16:58

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

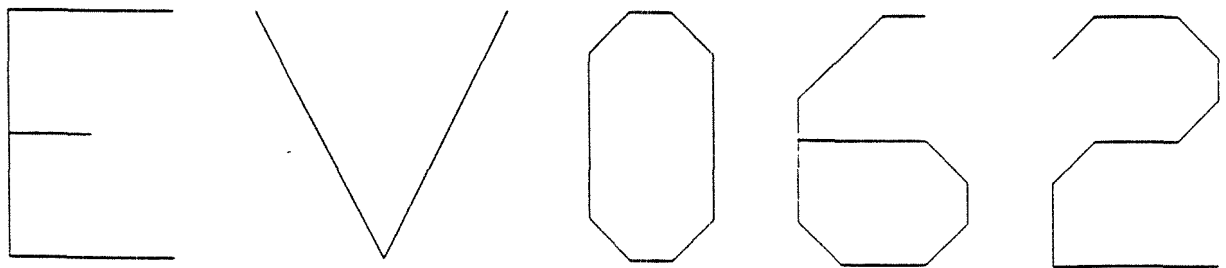
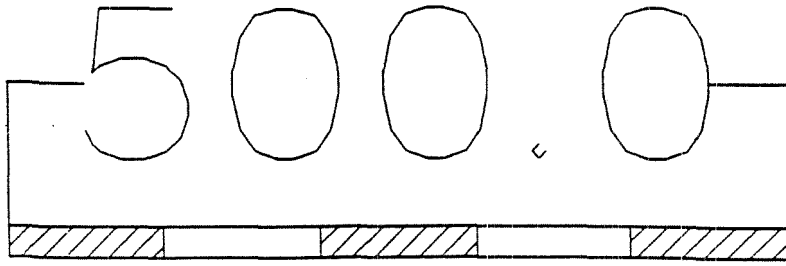
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV063
 LOCATION: S EVANS ISLAND

DATE: 10/12/89
 TIME: 16:00

Survey Type: Boat, Ground
 Team: B. McCready

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NW
 Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

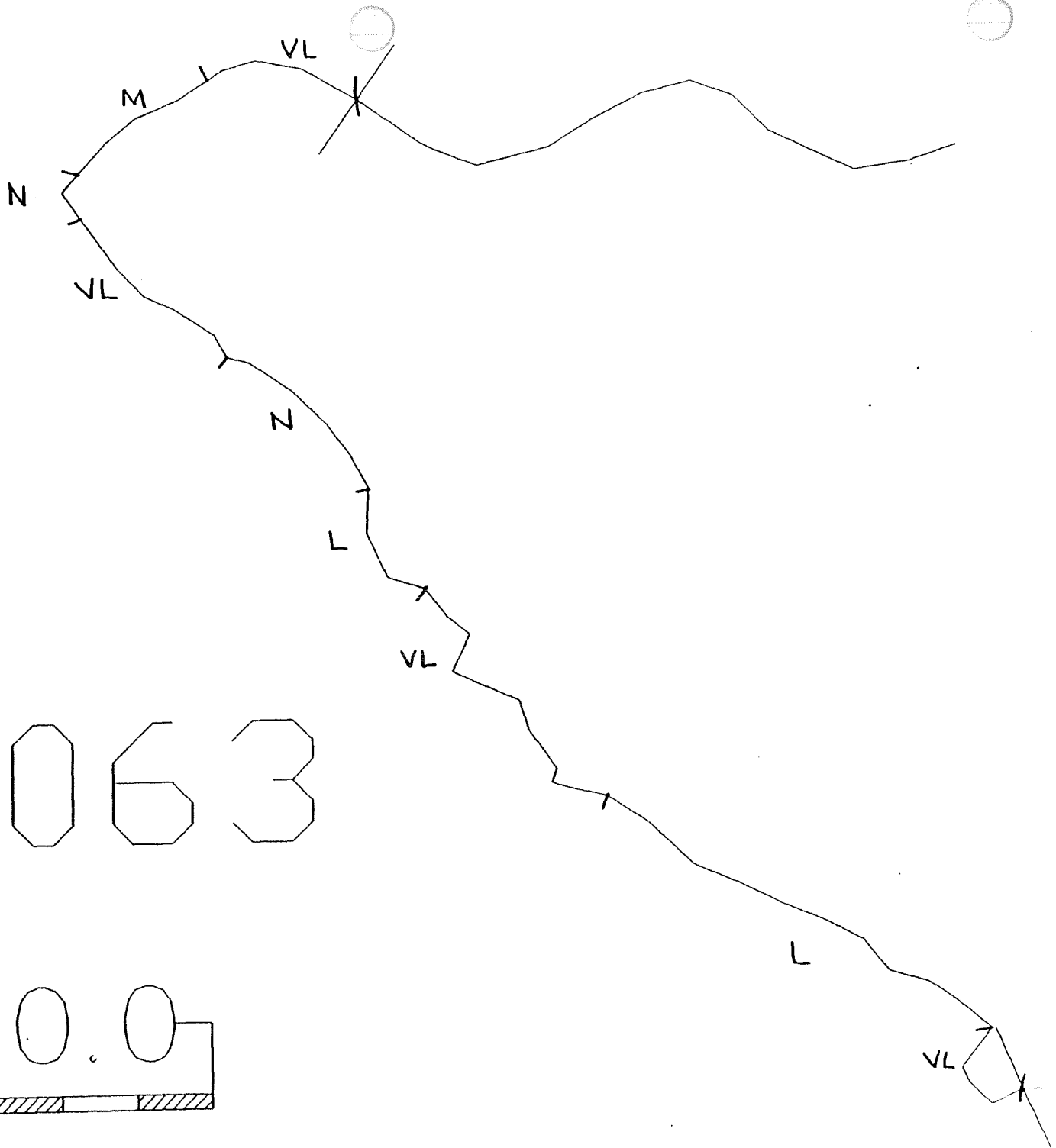
SOLID WASTE FOUND

Type: None

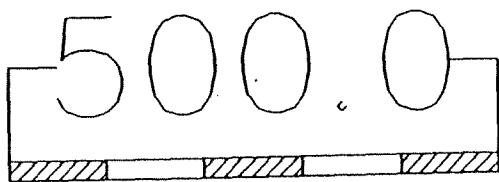
Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



EV063



ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV064
 LOCATION: SQUIRREL BAY EVANS I.

DATE: 10/13/89
 TIME: 16:18

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: 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: B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

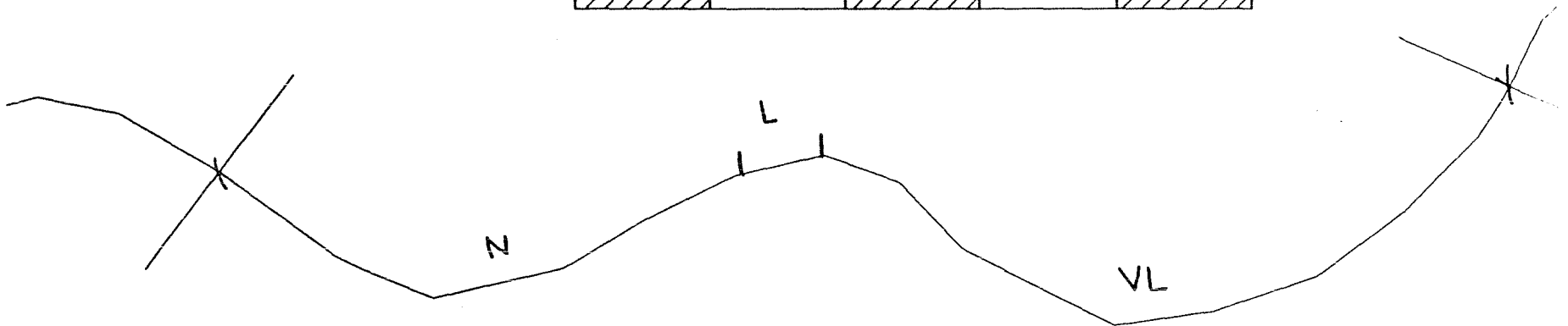
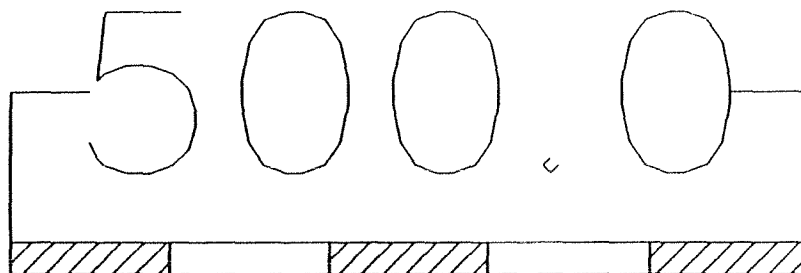
Degree of Oiling: N,VL,L
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 60%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV064-1 / EV064-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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



E V O G 4

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV065
 LOCATION: SQUIRREL BAY EVANS I.

DATE: 10/13/89
 TIME: 16:48

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: L (H=high, M=moderate, L=low)

Shoreline Composition: C,G,S
 (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: 0 cm (35 = 35 cm or greater)

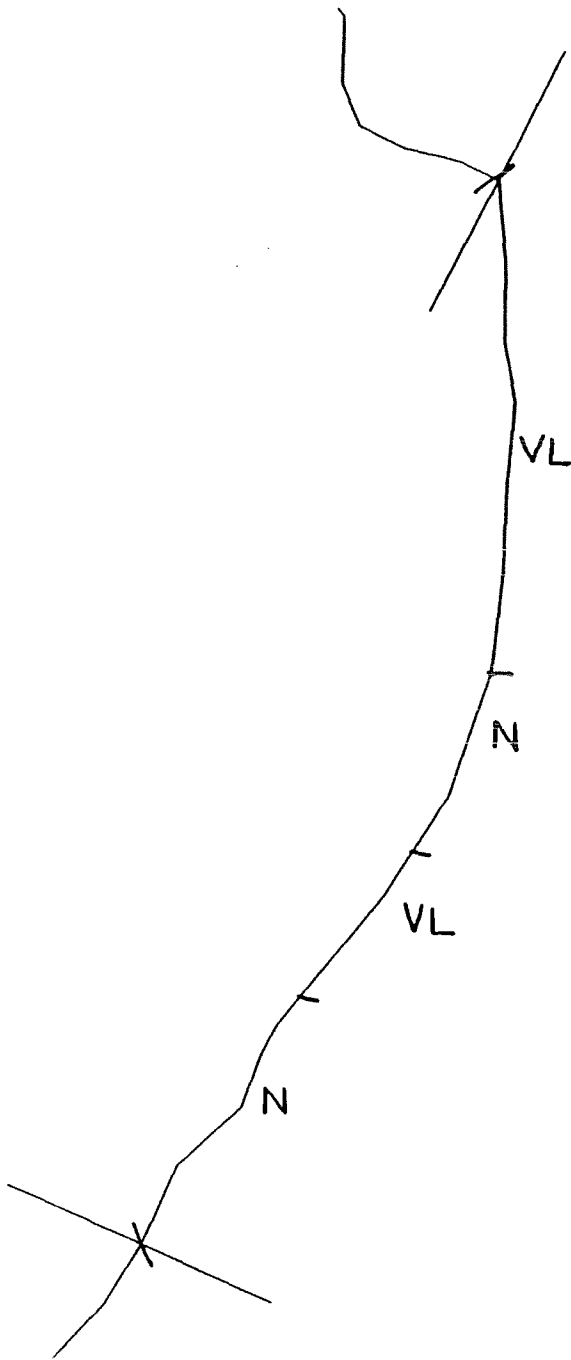
Percent Segment Categorized as Oiled: 60%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV065-1 / EV065-2 / none / none

DAMAGED OR OILED ORGANISMS

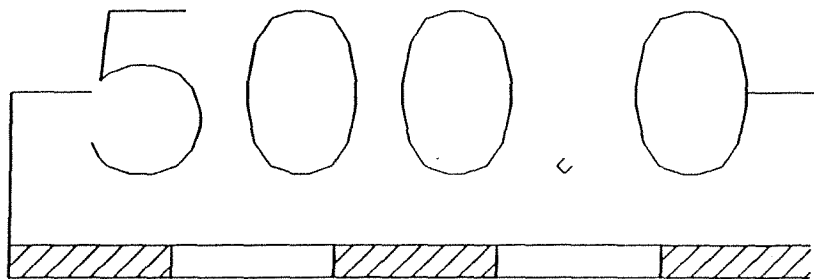
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



E V O 6 5



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO66
 LOCATION: SQUIRREL BAY EVANS I.

DATE: 10/13/89
 TIME: 17:15

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NE
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M,L (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 0 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

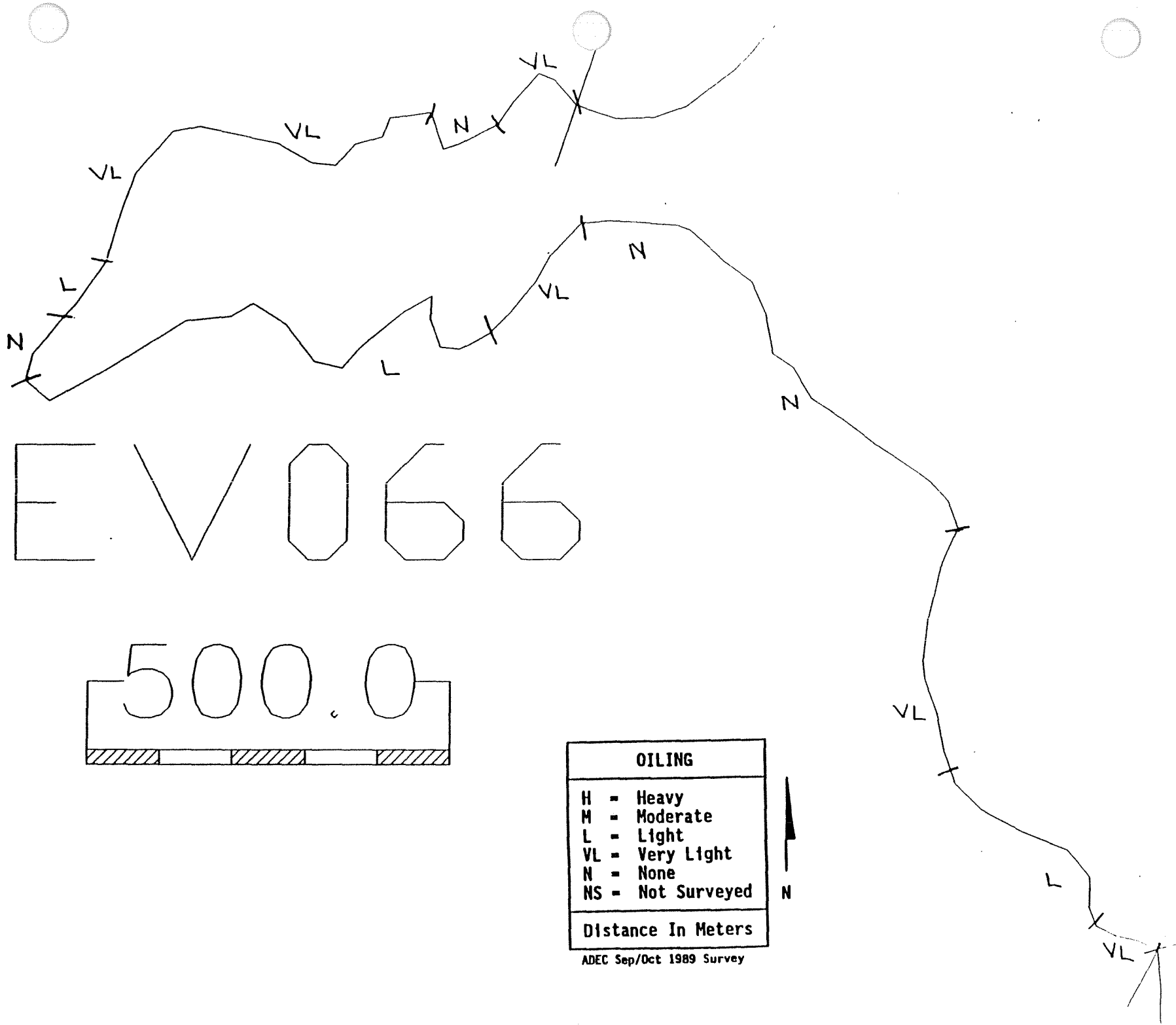
Percent Segment Categorized as Oiled: 0%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

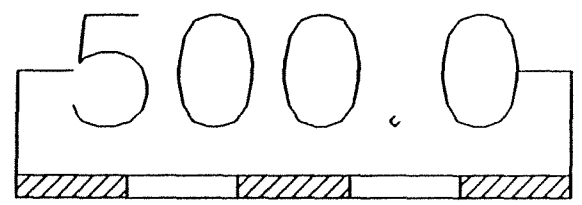
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



EV066



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

ADEC Sep/Oct 1989 Survey

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV067
 LOCATION: SW EVANS ISLAND

DATE: 10/13/89
 TIME: 17:35

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: NE
 Knots: 0-15

Low Tide: 6:42	Feet: 0.22	High Tide: 12:53	Feet: 13.4
Low Tide: 19:10	Feet: -0.9	High Tide: 0:34	Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: 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
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 65%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

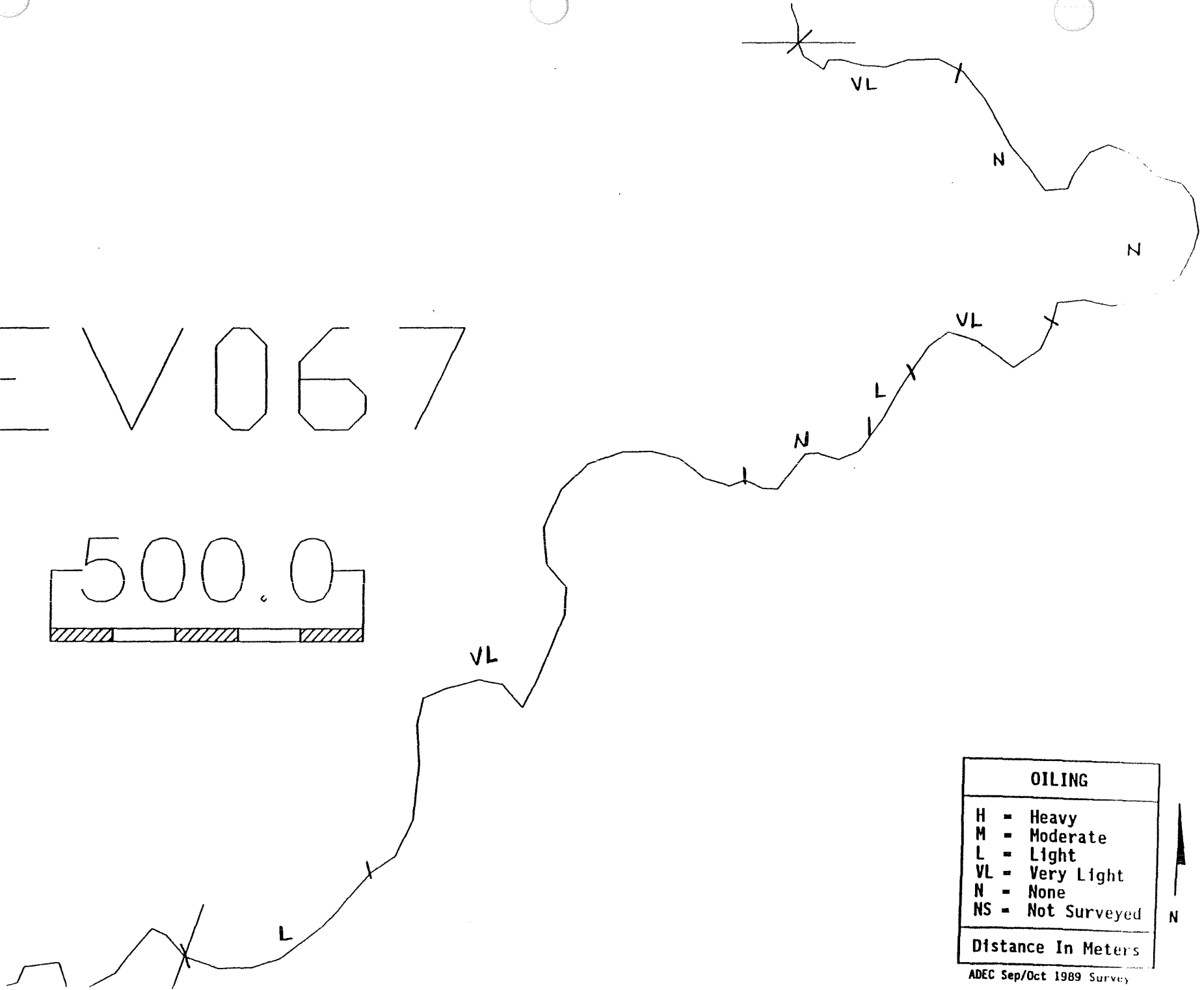
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

EV067

500.0



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV068
LOCATION: SW EVANS ISLAND

DATE: 10/13/89
TIME: 18:11

Survey Type: Boat, Ground
Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NE
Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)
Shoreline Composition: R,B
(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: 0 cm (35 = 35 cm or greater)

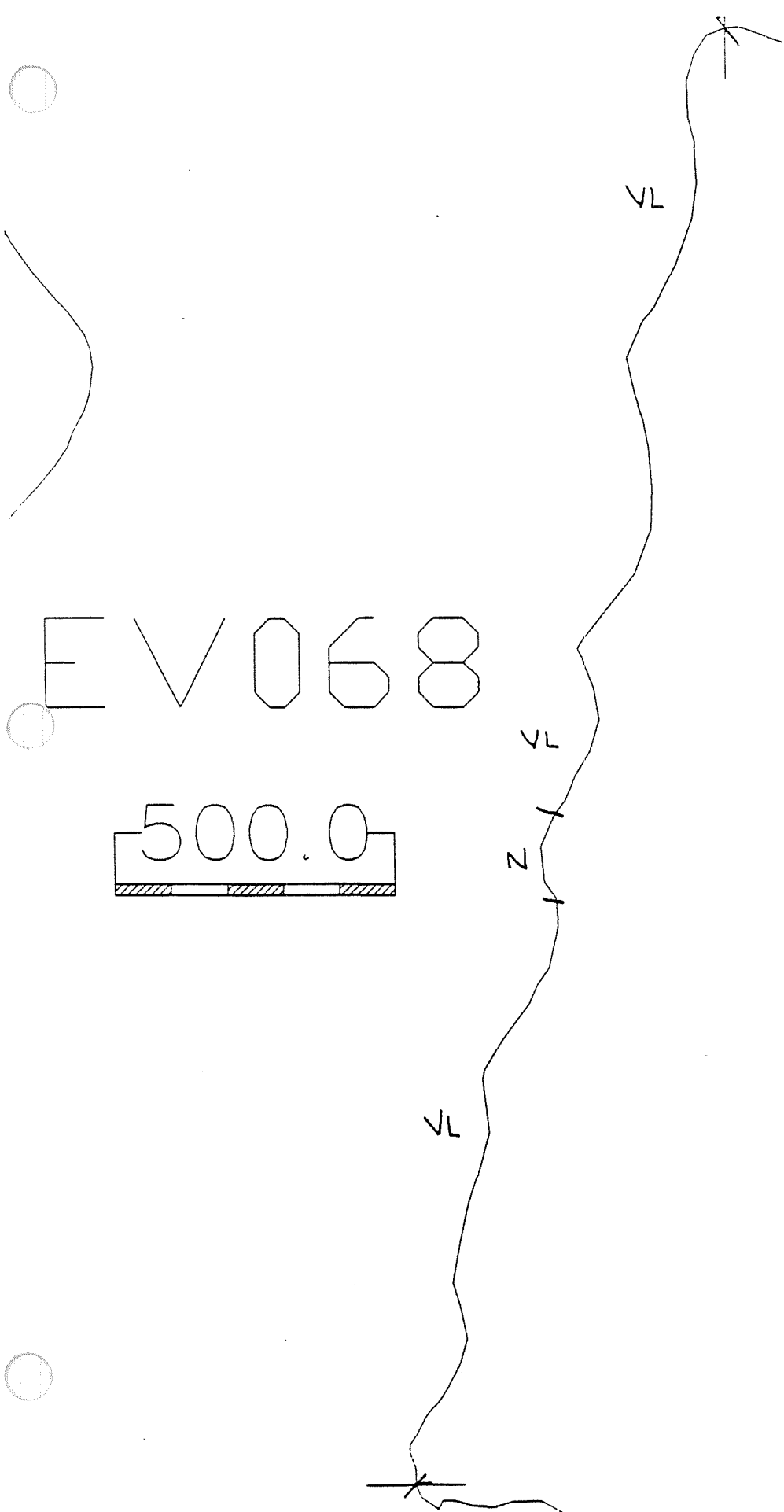
Percent Segment Categorized as Oiled: 95%
Presence of Oiled Driftwood (y/n): n
Oil Types: ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

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



EV068

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

EV70A - EV

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV070A
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 16:45

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

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: 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: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: EV070A-1 / EV070A-2 / none / none

DAMAGED OR OILED ORGANISMS

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

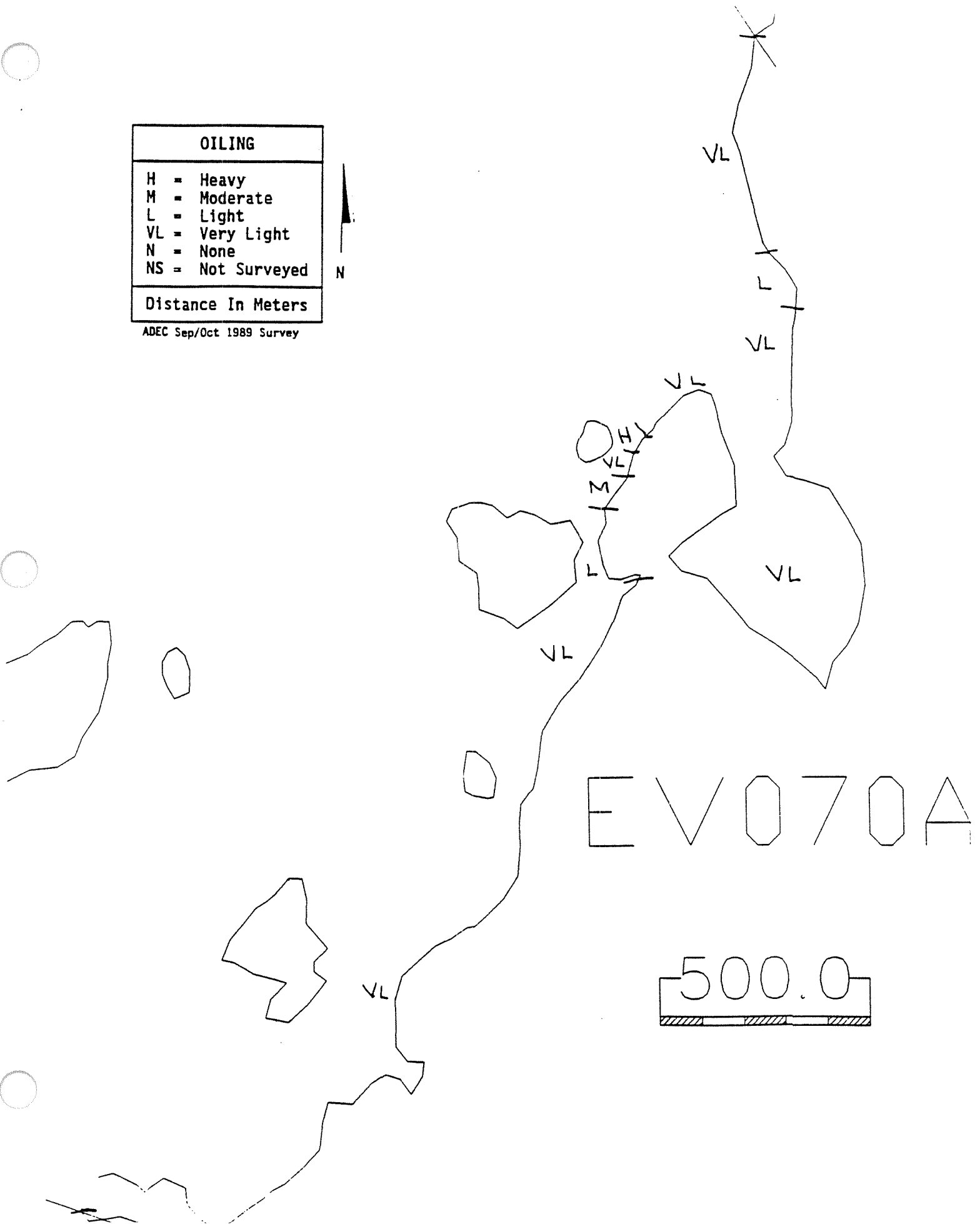
SOLID WASTE FOUND

Type: None

Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV070B
LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
TIME: 18:06

Survey Type: Boat, Ground
Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny
Sea State: Calm

Wind Direction: variable
Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 50%

Presence of Oiled Driftwood (y/n): n

Oil Types: ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0

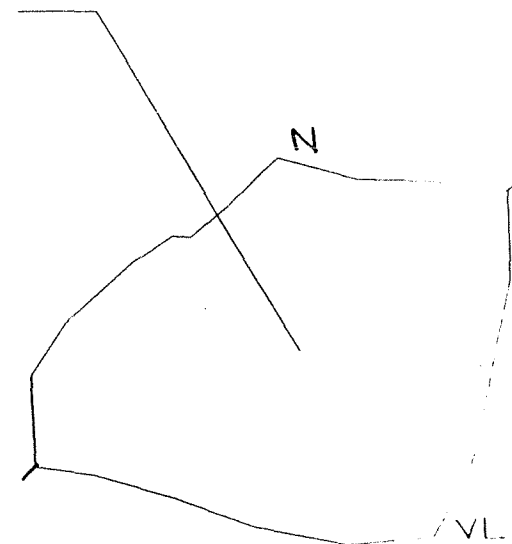
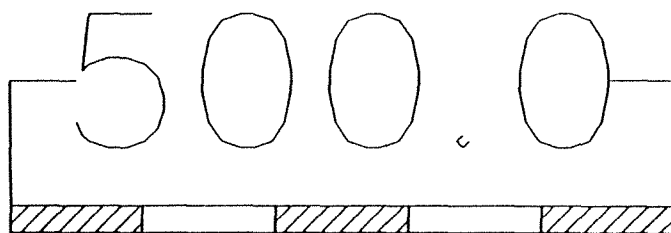
OILING

- H = Heavy
- M = Moderate
- L = Light
- VL = Very Light
- N = None
- NS = Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

E V 0 7 0 B



ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV070C
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 18:15

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Max. Oil Thickness: 10 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 25 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV070C-1 / EV070C-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

OILING

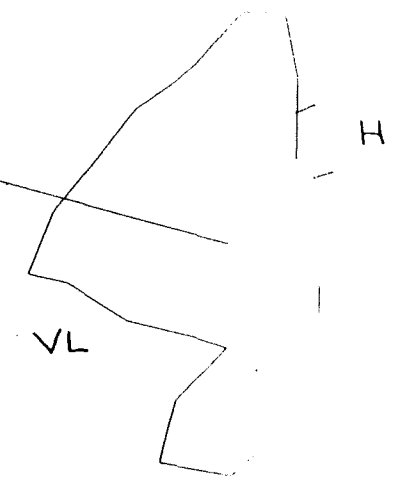
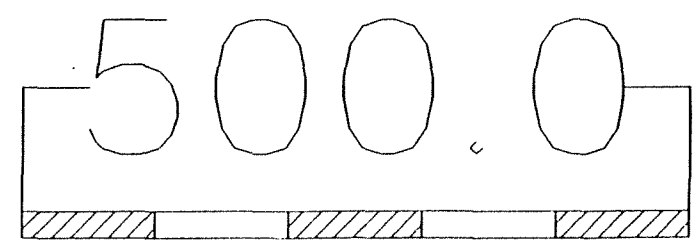
- H = Heavy
- M = Moderate
- L = Light
- VL = Very Light
- N = None
- NS = Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey



E V 0 7 0 C



DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO70D
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/19/89
 TIME: 10:10

Survey Type: Boat, Ground
 Team: B. McCready

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: variable
 Sea State: Moderate Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: -0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

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

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

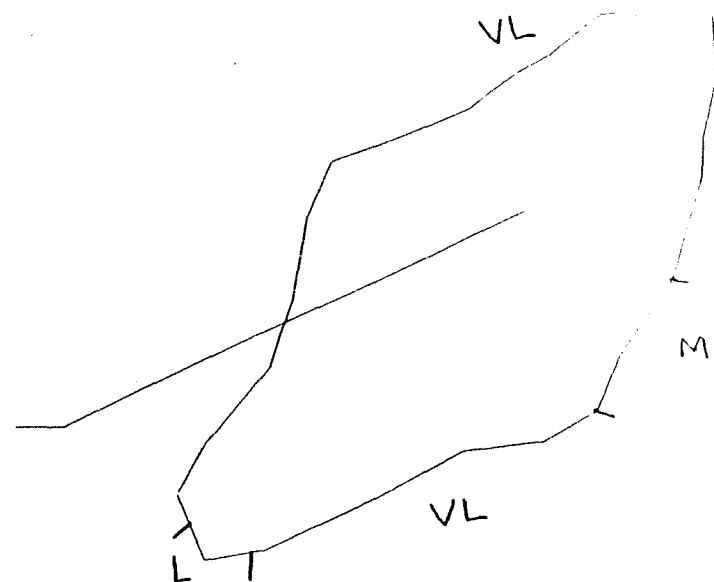
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

E V 0 7 0 D

500.0



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



ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV070E LOCATION: ISLAND OFF W EVANS I.		DATE: 10/13/89 TIME: 17:40	
Survey Type: Boat, Ground Team: D. Gardner, P. Endres			
<u>WEATHER AND SEA CONDITIONS</u>			
Weather: Cloudy Sea State: Calm		Wind Direction: 0 Knots: 0	
Low Tide: 6:42 Low Tide: 19:10	Feet: 0.22 Feet: -0.9	High Tide: 12:53 High Tide: 0:34	Feet: 13.4 Feet: 12.4
<u>SHORELINE DESCRIPTION</u>			
Shoretypes: H,LR,B (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 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)			
<u>OIL CHARACTERISTICS</u>			
Degree of Oiling: VL,L (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: 2 mm (1 = 1 mm or less, 0 = no oil)			
Max. Oil Penetration: 4 cm (35 = 35 cm or greater)			
Percent Segment Categorized as Oiled: 100%			
Presence of Oiled Driftwood (y/n): n			
Oil Types: T,A,ST (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)			
Samples: none / none / none / none			
<u>DAMAGED OR OILED ORGANISMS</u>			
Fucus (y/n): n Dead Mammals: 0		Barnacles (y/n): y Dead Birds: 0	
Mussels (y/n): n			
<u>SOLID WASTE FOUND</u>			
Type: None		Bags Collected: 0	

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO70F
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 17:00

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

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

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

Shoretypes: H,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

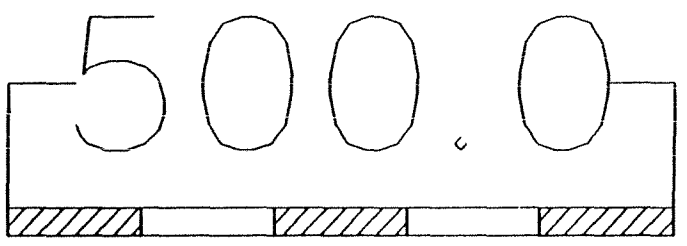
Bags Collected: 0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

E V 0 7 0 F



VL }
 H }
 VL }

4DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EVO70G
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 17:45

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: L (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: VL,L,M
 (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: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,A,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

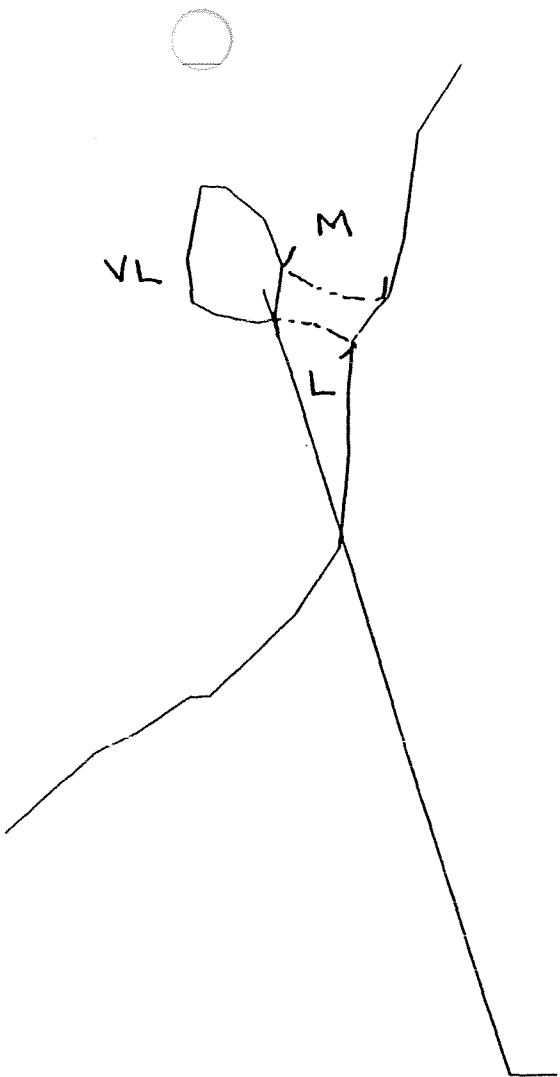
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n

Dead Mammals: 0 Dead Birds: 0

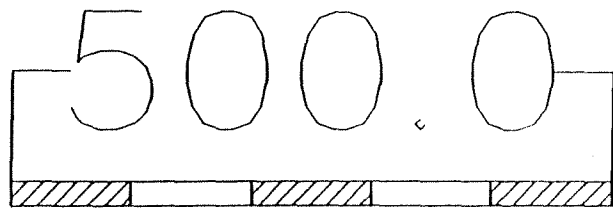
SOLID WASTE FOUND

Type: None

Bags Collected: 0



E V 0 7 0 G



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



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV070H
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/19/89
 TIME: 10:36

Survey Type: Boat, Ground
 Team: B. McCready, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: -0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B
 (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,M
 (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 80%
 Presence of Oiled Driftwood (y/n): -
 Oil Types: T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

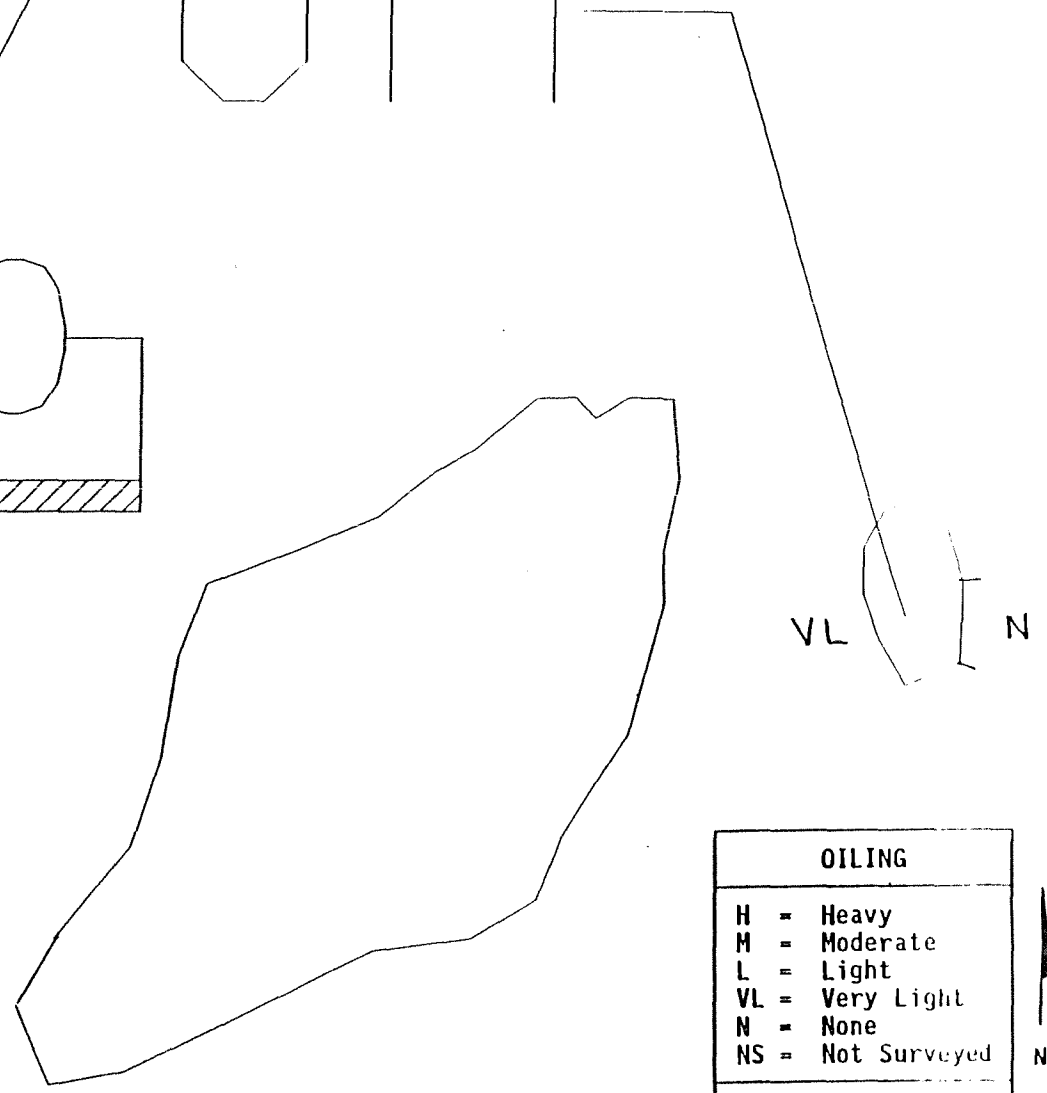
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

E V O 7 O H

500.0



VL N

OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV071A
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 16:04

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: 0
 Sea State: Calm Knots: 0

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,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
 (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: 0 cm (35 = 35 cm or greater)

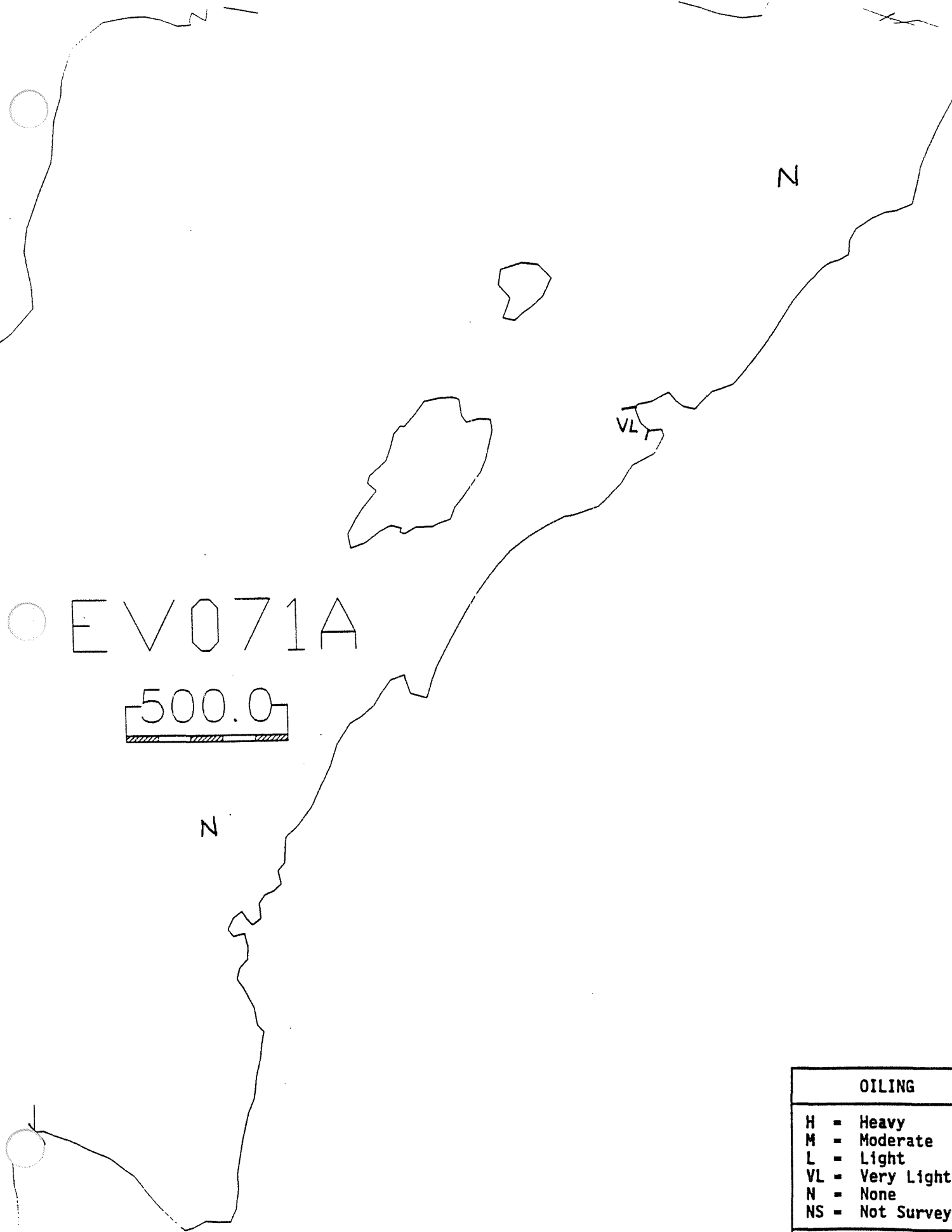
Percent Segment Categorized as Oiled: 5%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



EV071A

500.0

VL

N

N

OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV071B
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 17:25

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 30%
 Presence of Oiled Driftwood (y/n): n

Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

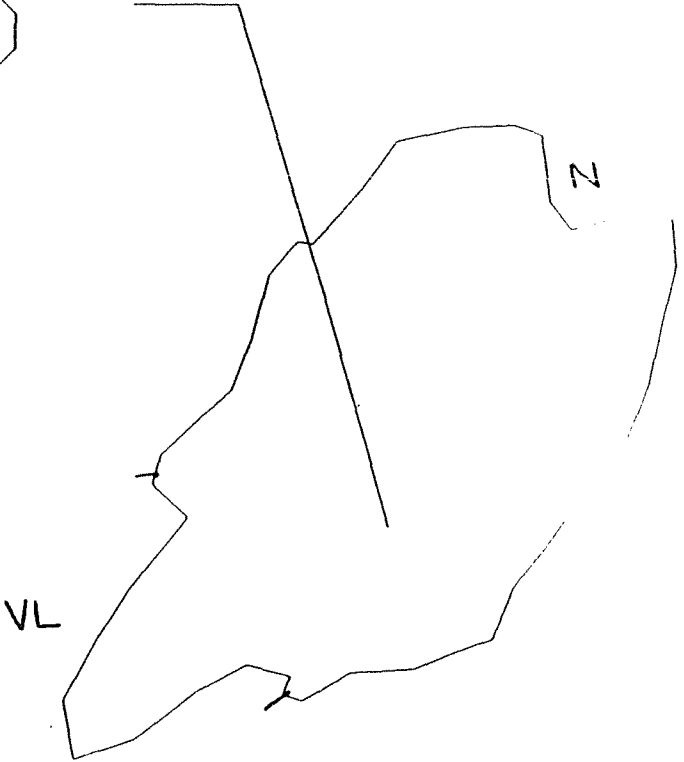
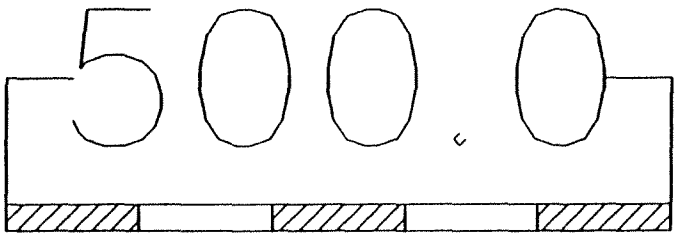
SOLID WASTE FOUND

Type: None
 Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey

EV071B



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV071C
 LOCATION: ISLAND OFF W EVANS I.

DATE: 10/13/89
 TIME: 17:49

Survey Type: Boat, Ground
 Team: J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 6:42 Feet: 0.22 High Tide: 12:53 Feet: 13.4
 Low Tide: 19:10 Feet: -0.9 High Tide: 0:34 Feet: 12.4

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 40%

Presence of Oiled Driftwood (y/n): n

Oil Types: ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

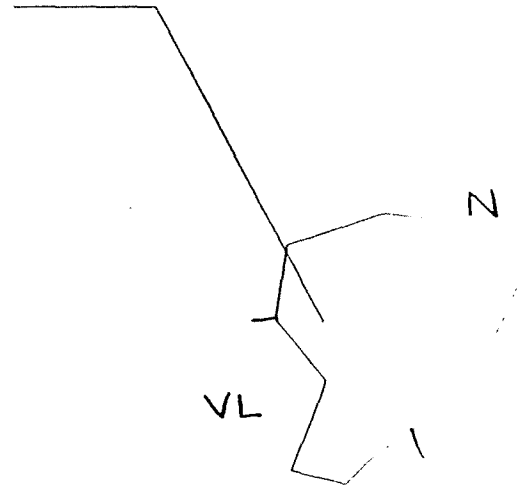
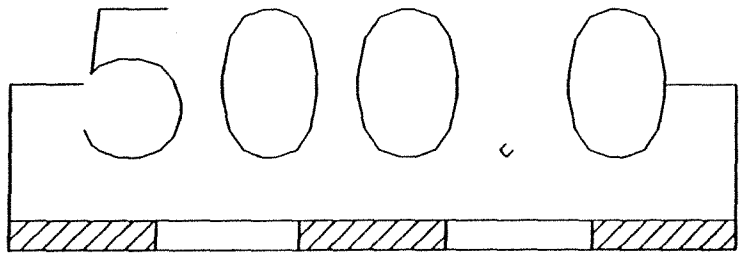
Type: None

Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey

E V 0 7 1 C



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV072
 LOCATION: SHELTER BAY, EVANS I.

DATE: 10/14/89
 TIME: 9:05

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres, J. Krieger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Rough Knots: 16-30

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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,G
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

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

Max. Oil Thickness: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 40 cm (35 = 35 cm or greater)

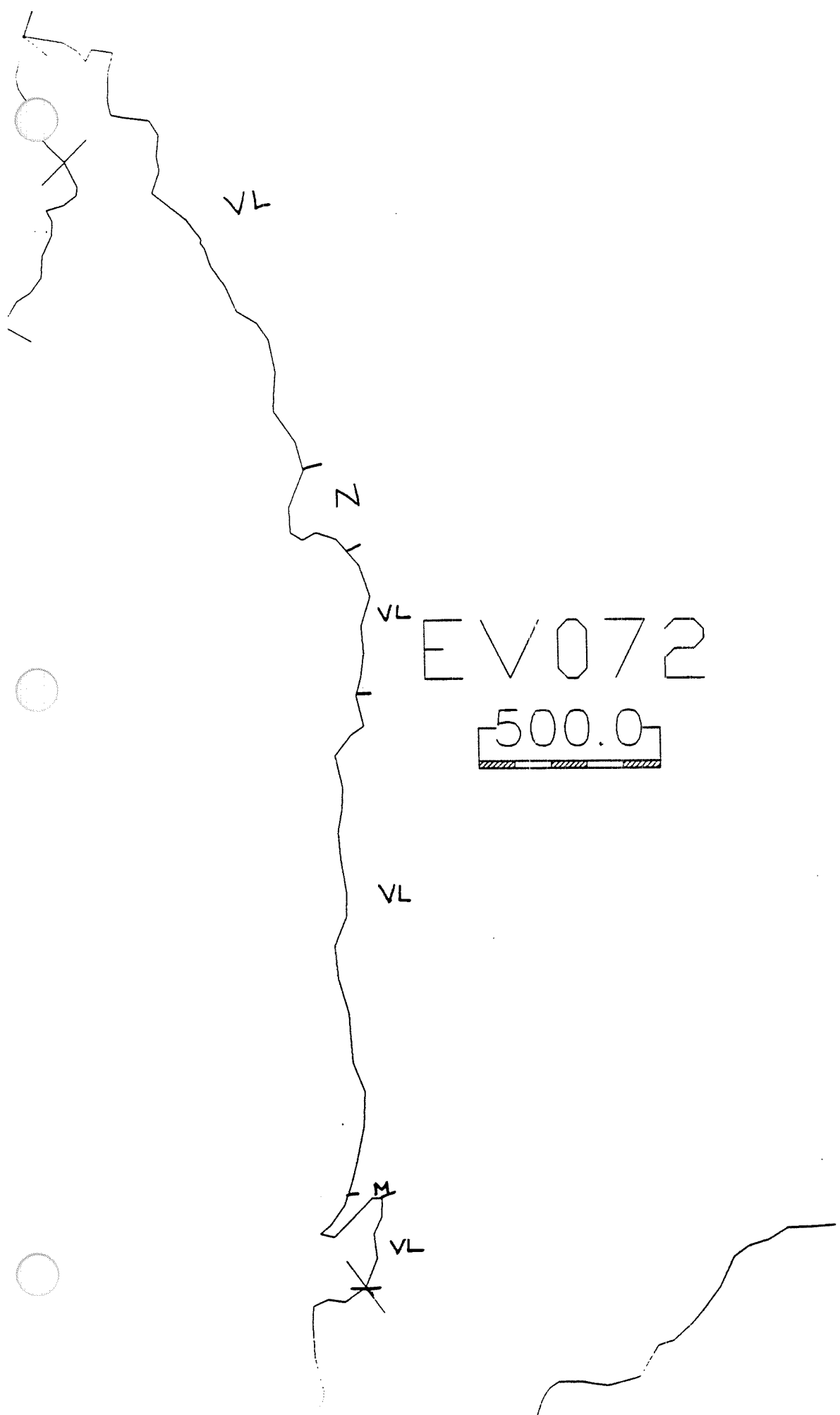
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: EV072-1 / EV072-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV100
 LOCATION: S EVANS ISLAND

DATE: 10/12/89
 TIME: 17:31

Survey Type: Boat, Ground
 Team: B. McCready, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Sunny Wind Direction: NW
 Sea State: Calm Knots: 0-15

Low Tide: 6:02 Feet: 0.63 High Tide: 12:17 Feet: 12.3
 Low Tide: 18:27 Feet: 0.82 High Tide: -0- Feet: -0-

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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,M
 (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: 0 cm (35 = 35 cm or greater)

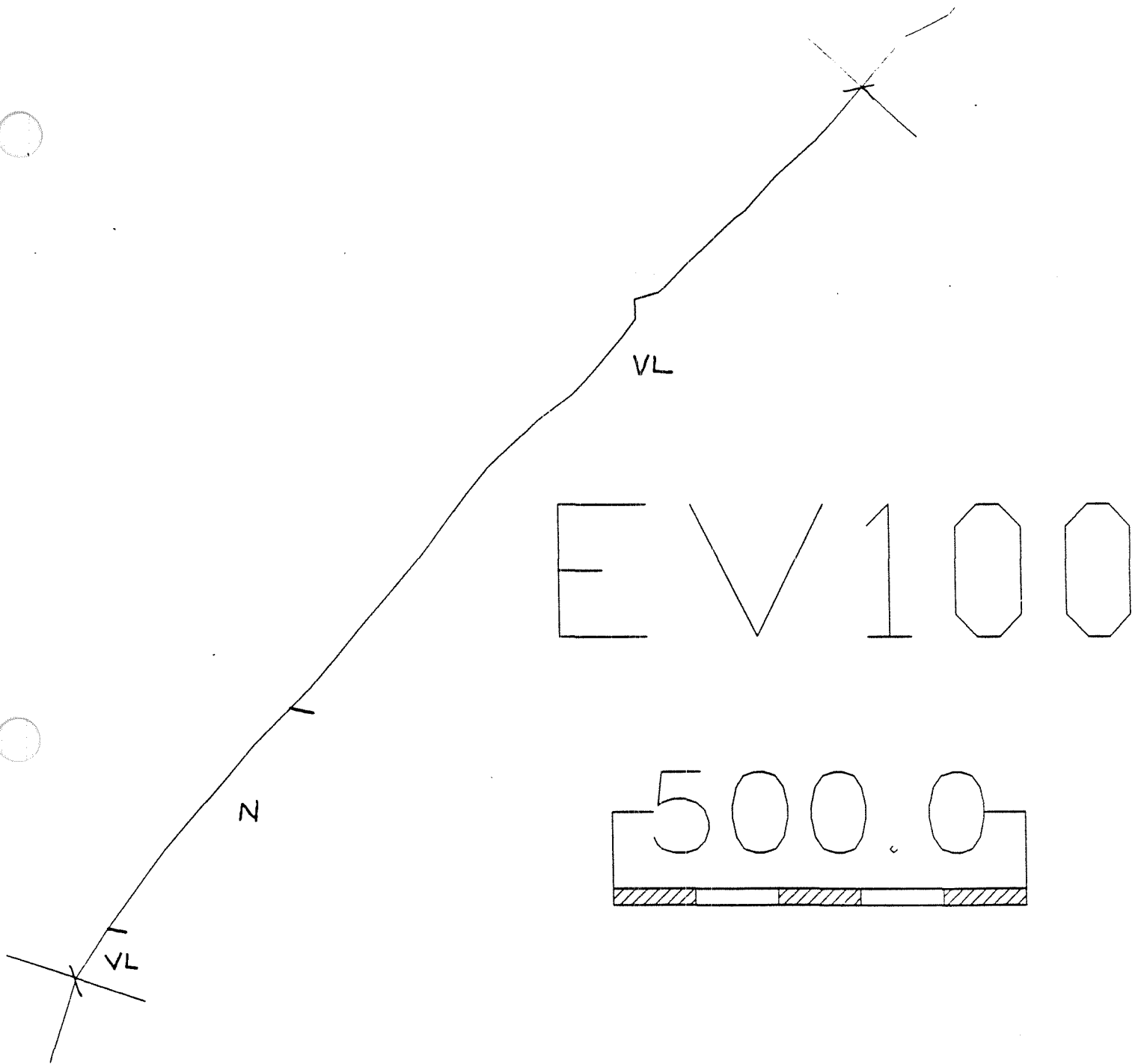
Percent Segment Categorized as Oiled: 85%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

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



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV500 DATE: 10/14/89
 LOCATION: SAWMILL BAY, EVANS ISLAND TIME: 16:58

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist, J. Krieger, K. Dutcher, B. McCreedy, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: NE
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.9 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: L (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: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 20%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

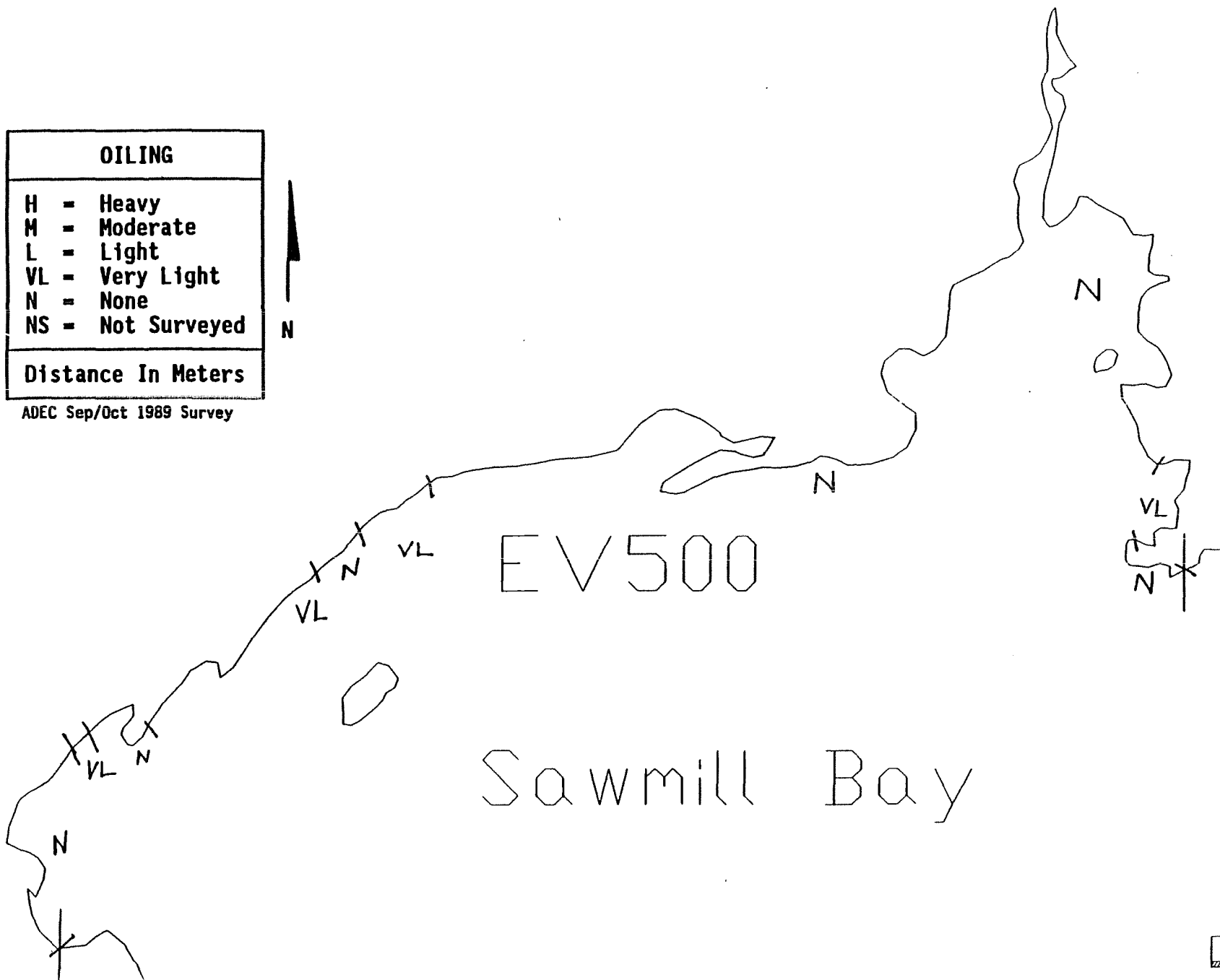
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

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

ADEC Sep/Oct 1989 Survey



500.0

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: EV900
 LOCATION: NE EVANS ISLAND

DATE: 10/14/89
 TIME: 17:00

Survey Type: Boat, Ground
 Team: P. Endres, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Rain Wind Direction: SW
 Sea State: Moderate Knots: 0-15

Low Tide: 7:21 Feet: 0.19 High Tide: 13:29 Feet: 14.4
 Low Tide: 19:53 Feet: -2.3 High Tide: 1:24 Feet: 12.8

SHORELINE DESCRIPTION

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

Wave Exposure: H,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: 30 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 8 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

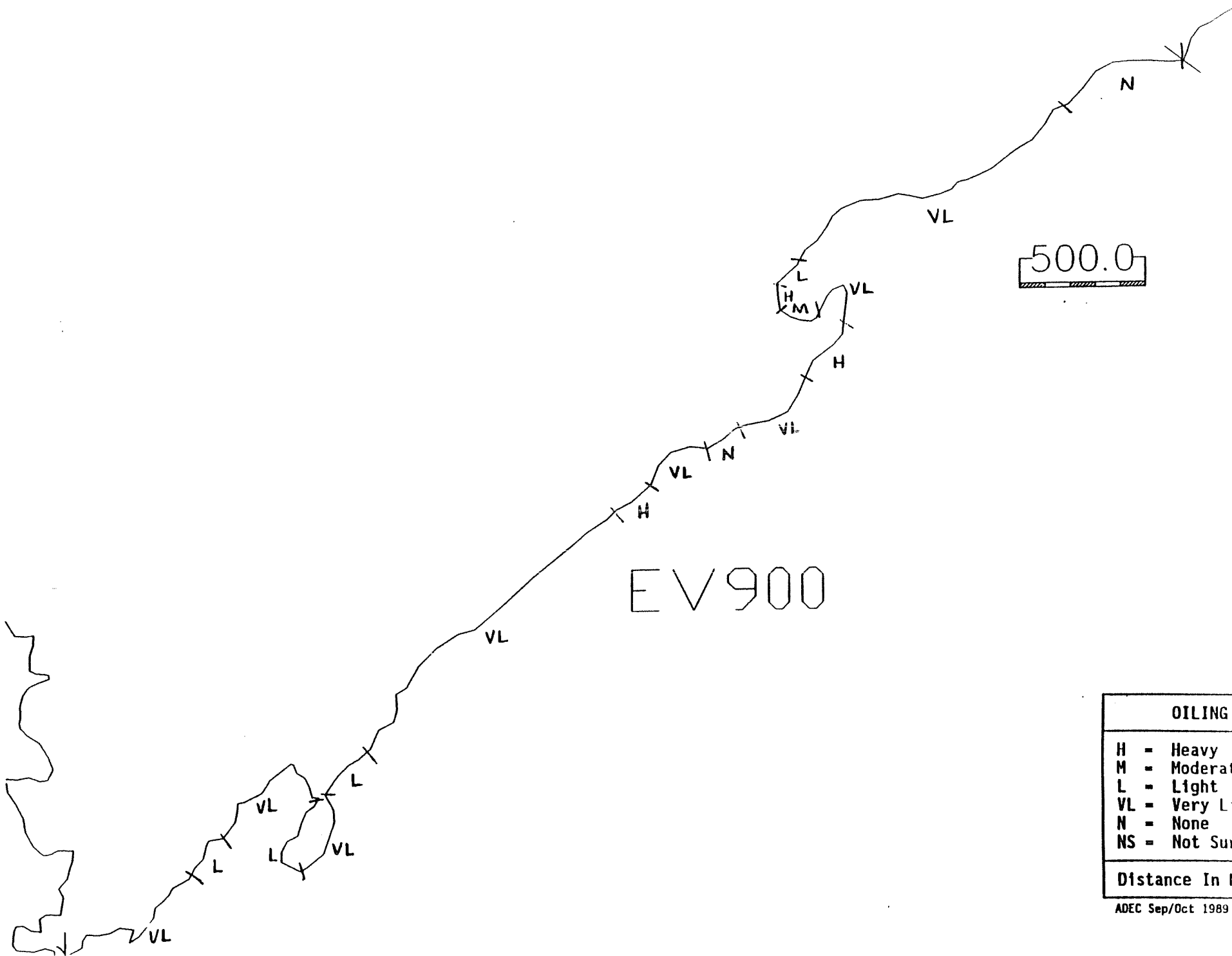
Samples: EV900-1 / EV900-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few Localities; cleanup debris
 Bags Collected: 0



EV900

500.0

OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

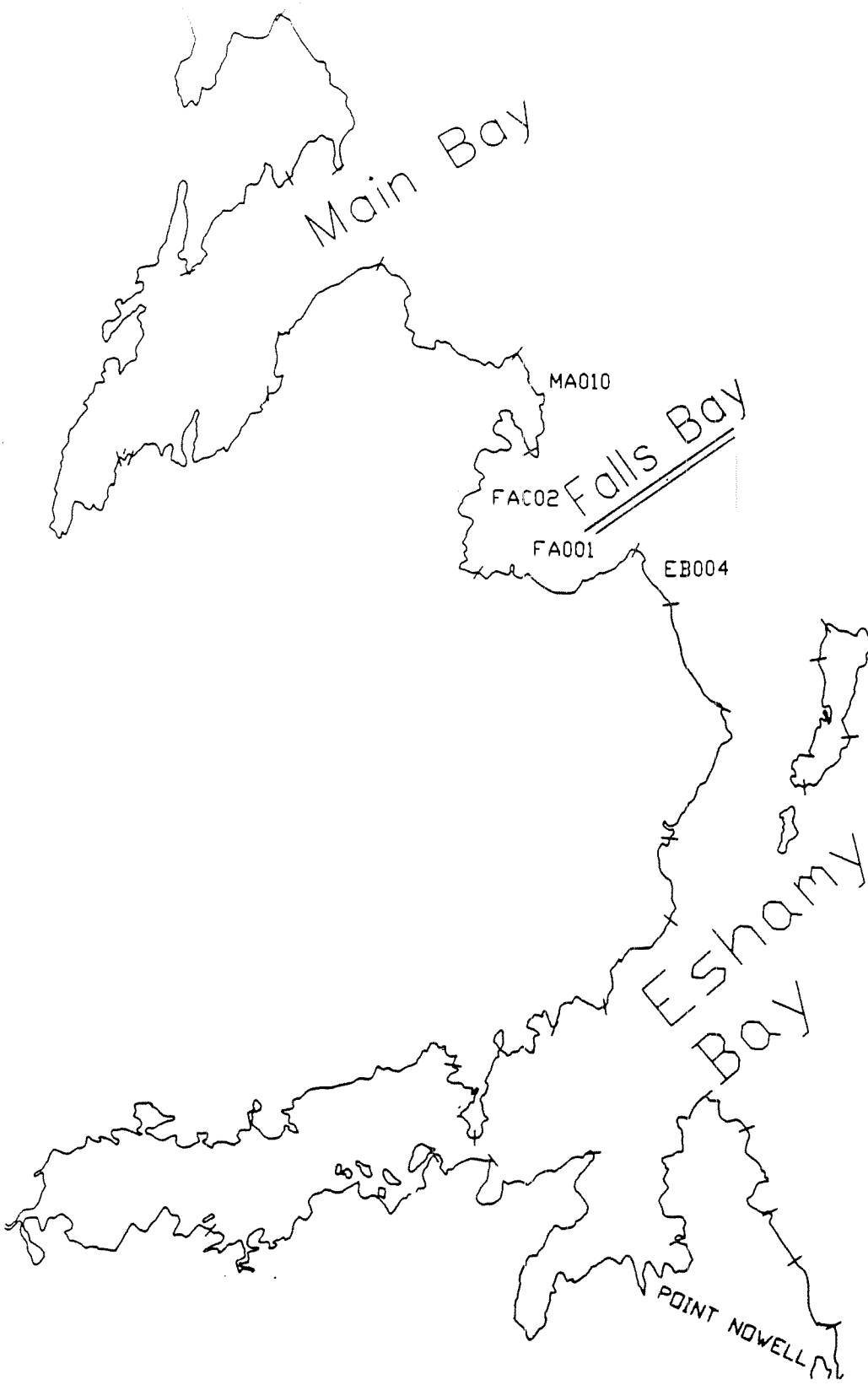
ADEC Sep/Oct 1989 Survey

FA - GR

SECTION CONTENTS -- FALLS BAY

<u>SEGMENT#</u>	<u>LOCATION</u>
FA001	MAINLAND, FALLS BAY
FA002	MAINLAND, FALLS BAY

Printed: 12/12/89



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FA001
 LOCATION: MAINLAND, FALLS BAY

DATE: 09/11/89
 TIME: 18:00

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

WEATHER AND SEA CONDITIONS

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

Low Tide: 5:12 Feet: 1.87 High Tide: 11:46 Feet: 9.02
 Low Tide: 17:07 Feet: 5.31 High Tide: 23:07 Feet: 11.3

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,VL,L
 (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: 5 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 20%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

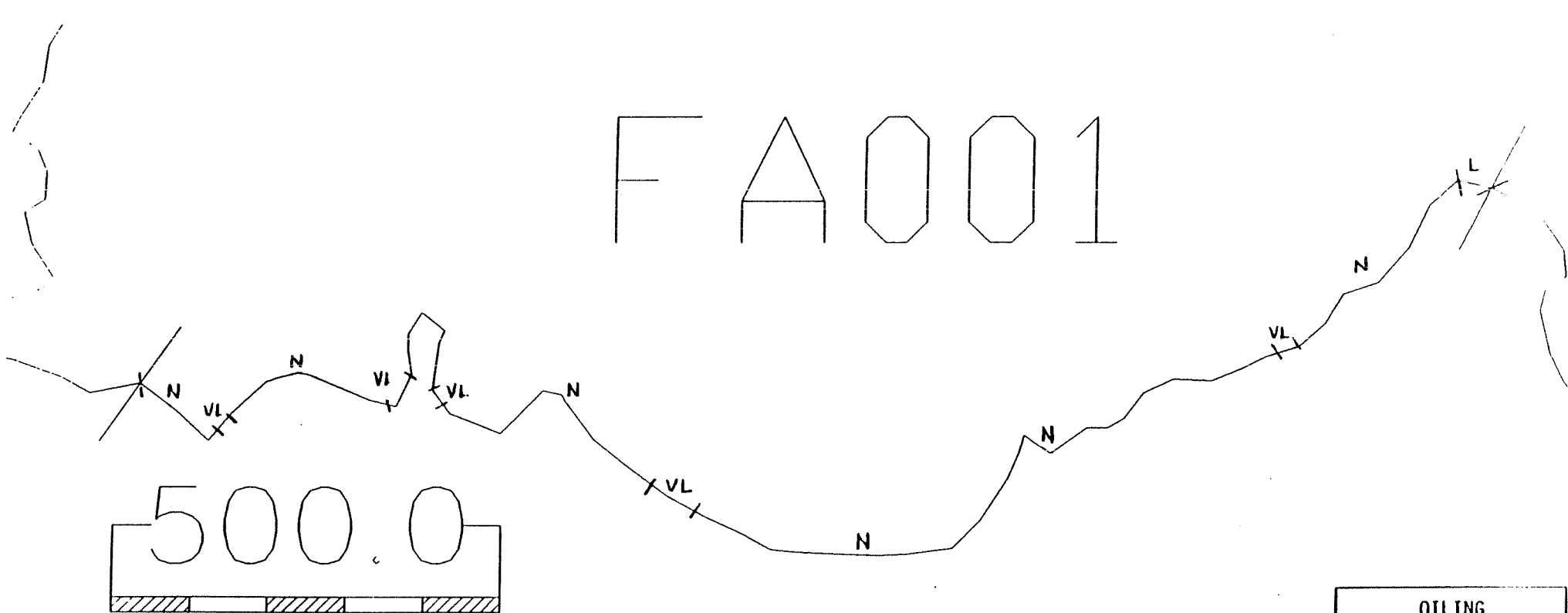
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few localities, boom, cleanup debris
 Bags Collected: 1

FA001



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

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FA002 LOCATION: MAINLAND, FALLS BAY Survey Type: Boat, Ground Team: G. Pavia, B. McCready	DATE: 09/12/89 TIME: 8:10
WEATHER AND SEA CONDITIONS	
Weather: Cloudy, Rain, Fog Sea State: Moderate	Wind Direction: NE Knots: 0
Low Tide: 6:01 Feet: 0.72 Low Tide: 18:02 Feet: 3.77	High Tide: 12:26 Feet: 10. 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: H,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 (N=none, VL=very light, L=Light, M=moderate, H=heavy)	
Area of Impact: S,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: 20 cm (35 = 35 cm or greater)	
Percent Segment Categorized as Oiled: 50% Presence of Oiled Driftwood (y/n): y Oil Types: M,SY,T,ST (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)	
Samples: FA002-1 / FA002-2 / 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: few localities, cleanup debris, garbage Bags Collected: 1	

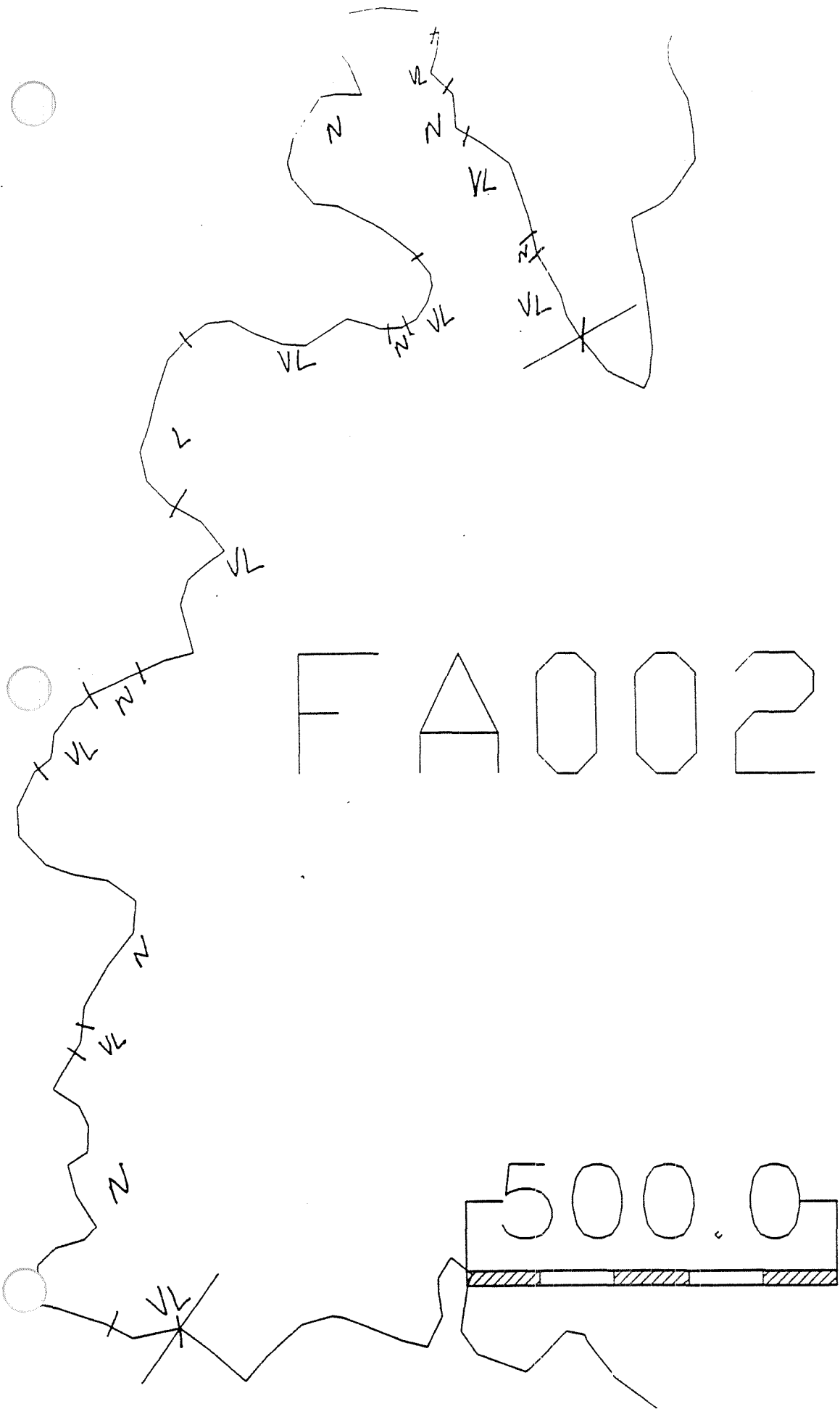
Draft

Printed: 12/12/89 11:23

FA0002

500.0

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

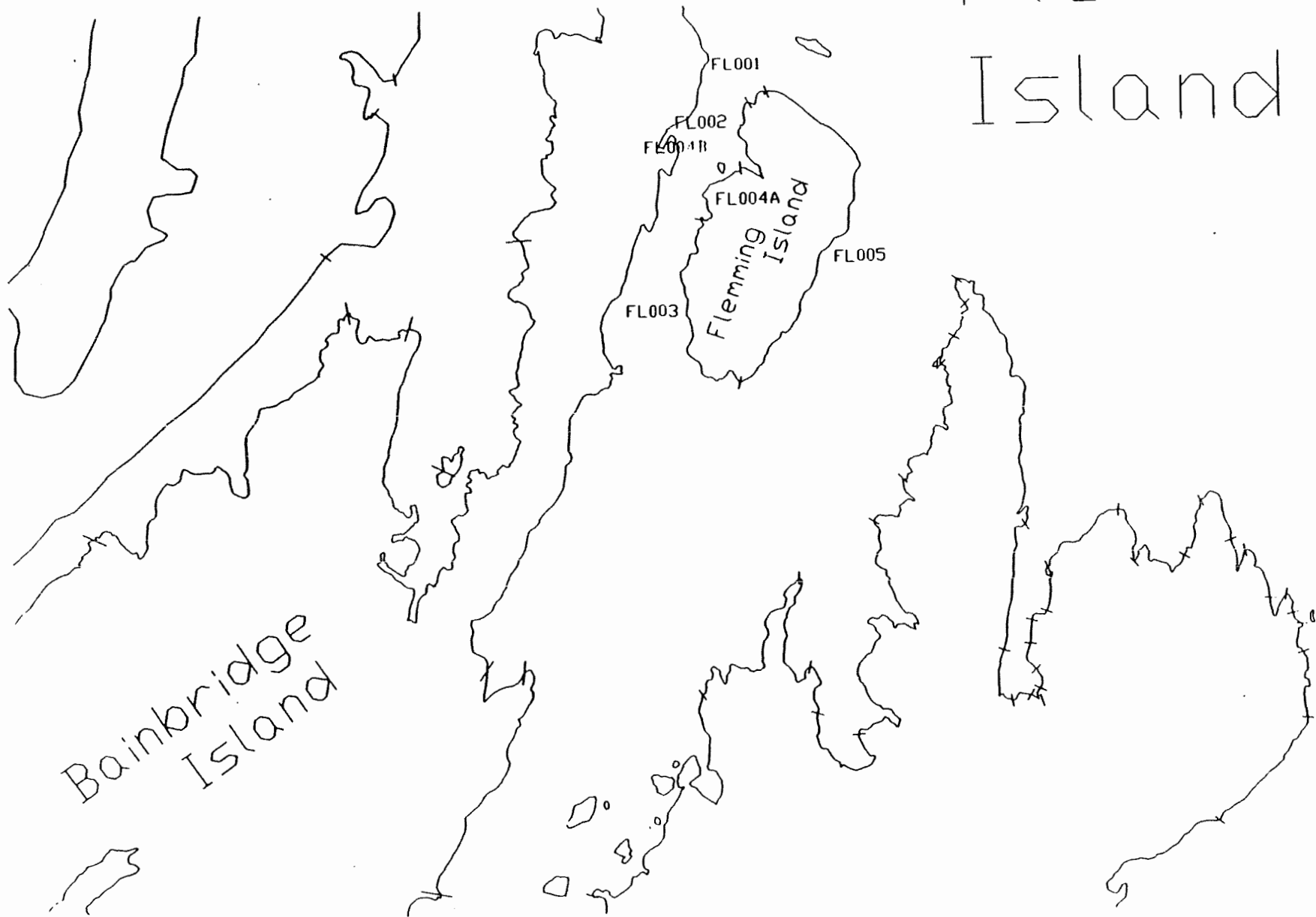


SECTION CONTENTS -- FLEMMING ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
FL001	N FLEMMING ISLAND
FL002	W FLEMMING ISLAND
FL003	SW FLEMMING ISLAND
FL004A	W FLEMMING ISLAND
FL004B	W FLEMMING ISLAND
FL005	E FLEMMING ISLAND

Printed: 12/12/89

Flemming Island



DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FLO01
 LOCATION: N FLEMMING ISLAND

DATE: 10/19/89
 TIME: 10:25

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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,S
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: 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: 15 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 10 cm (35 = 35 cm or greater)

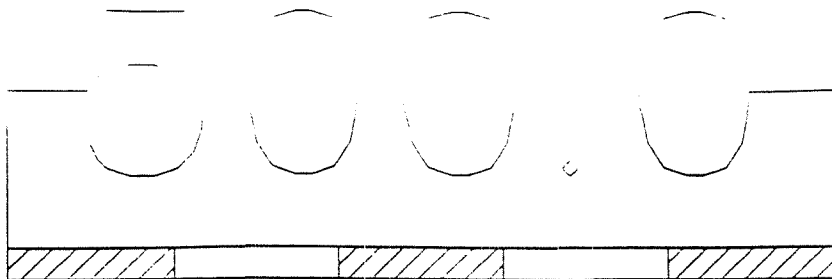
Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: FLO01-1 / FLO01-2 / none / none

DAMAGED OR OILED ORGANISMS

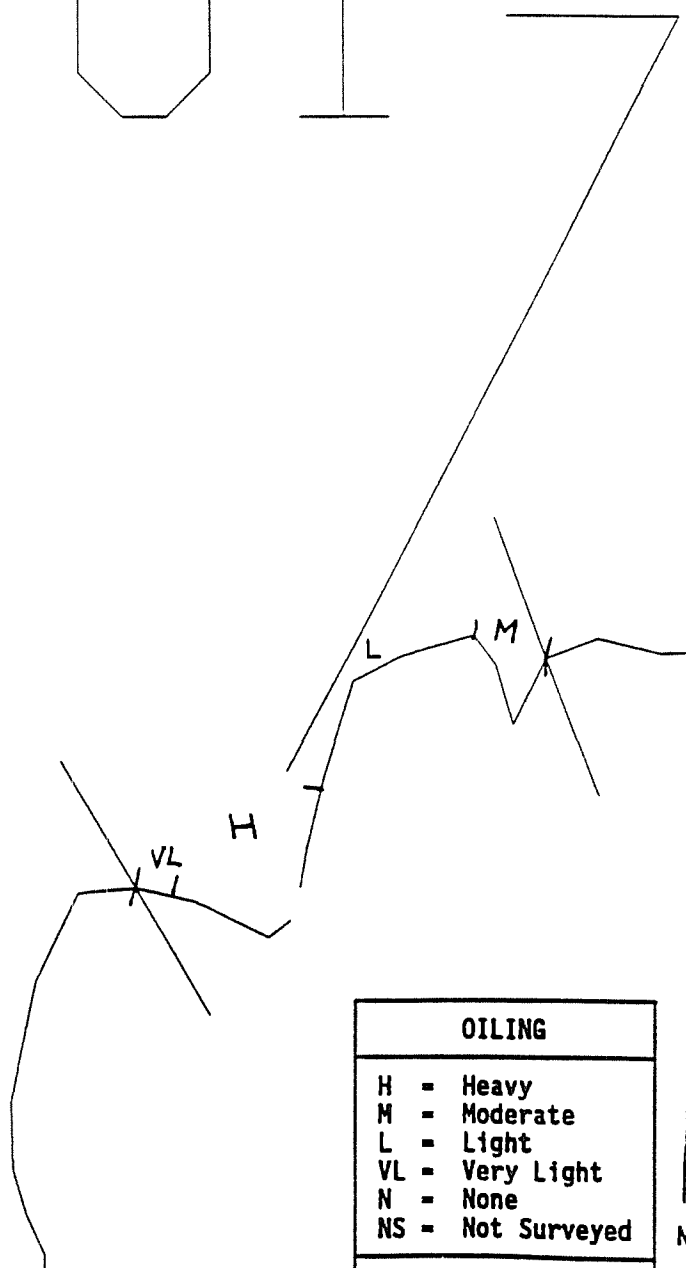
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 1 Dead Birds: 0

SOLID WASTE FOUND

Type: One locality, cleanup debris
 Bags Collected: 1



F L O O 1



OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: F002
 LOCATION: W FLEMING ISLAND

DATE: 10/19/89
 TIME: 11:05

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: variable
 Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

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

Max. Oil Thickness: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 5 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 80%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few localities, cleanup debris
 Bags Collected: 1

DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FLO03
LOCATION: SW FLEMING ISLAND

DATE: 10/19/89
TIME: 9:58

Survey Type: Boat, Ground
Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: variable
Sea State: Rough Knots: 16-30

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,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
(N=none, VL=very light, L=Light, M=moderate, H=heavy)
Area of Impact: H,L
(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: 5 cm (35 = 35 cm or greater)

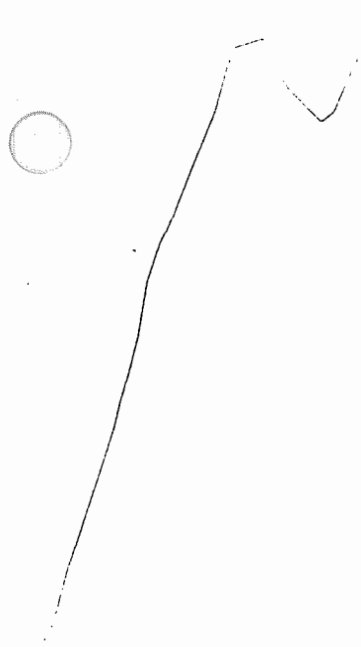
Percent Segment Categorized as Oiled: 80%
Presence of Oiled Driftwood (y/n): y
Oil Types: SY,T,ST
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: FLO03-1 / FLO03-2 / none / none

DAMAGED OR OILED ORGANISMS

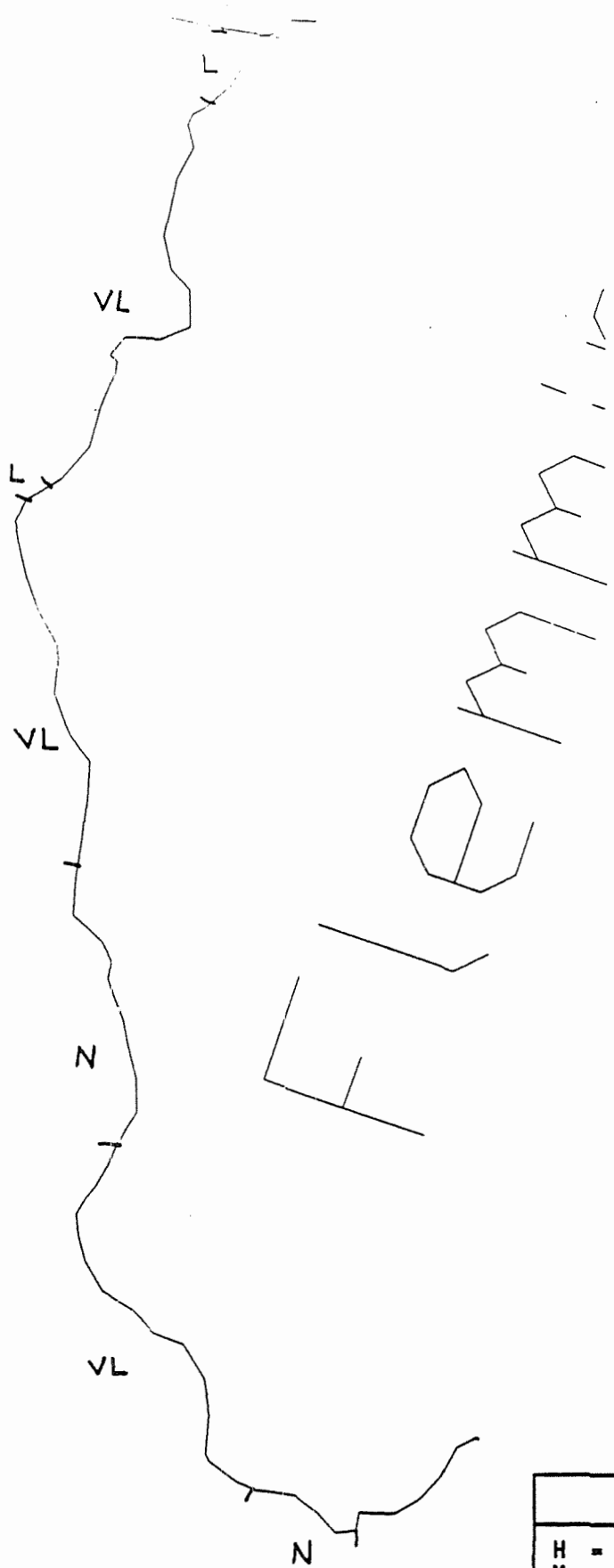
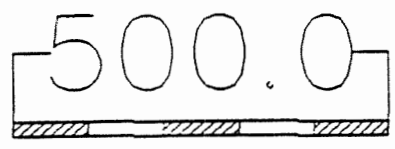
Fucus (y/n): y Barnacles (y/n): y Mussels (y/n): y
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0



FL003



OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

ADEC Sep/Oct 1989 Survey

ACEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FLO04A
 LOCATION: W FLEMMING ISLAND

DATE: 10/19/89
 TIME: 11:30

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

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 (some areas not surveyed)
 (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: 20 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 8 cm (35 = 35 cm or greater)

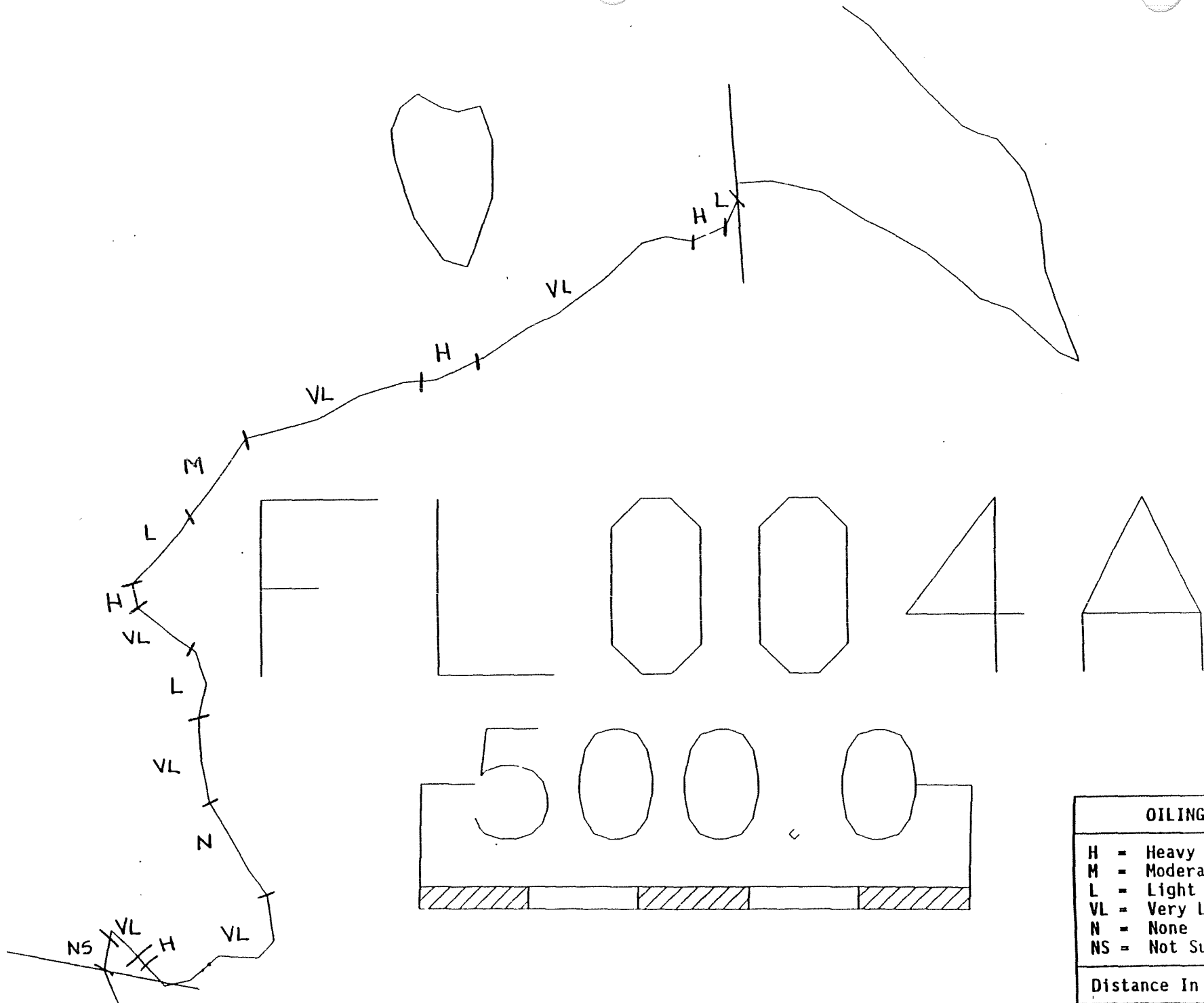
Percent Segment Categorized as Oiled: 90%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: Few localities, cleanup debris, garbage
 Bags Collected: 1



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

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FLO04B
 LOCATION: W FLEMING ISLAND

DATE: 10/19/89
 TIME: 11:50

Survey Type: Boat, Ground
 Team: D. Gardner, P. Endres

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NW
 Sea State: Moderate Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,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: 20 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 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: none / none / none / none

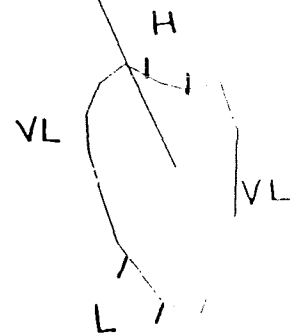
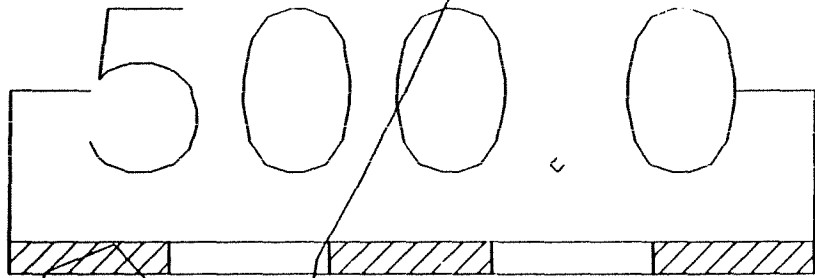
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None
 Bags Collected: 0

F 1500 4 B



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



ADEC Sep/Oct 1989 Survey

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: FLO05
 LOCATION: E FLEMING ISLAND

DATE: 10/19/89
 TIME: 10:30

Survey Type: Boat, Ground
 Team: H. Wood, D. Zobrist

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: SE
 Sea State: Moderate Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
 Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

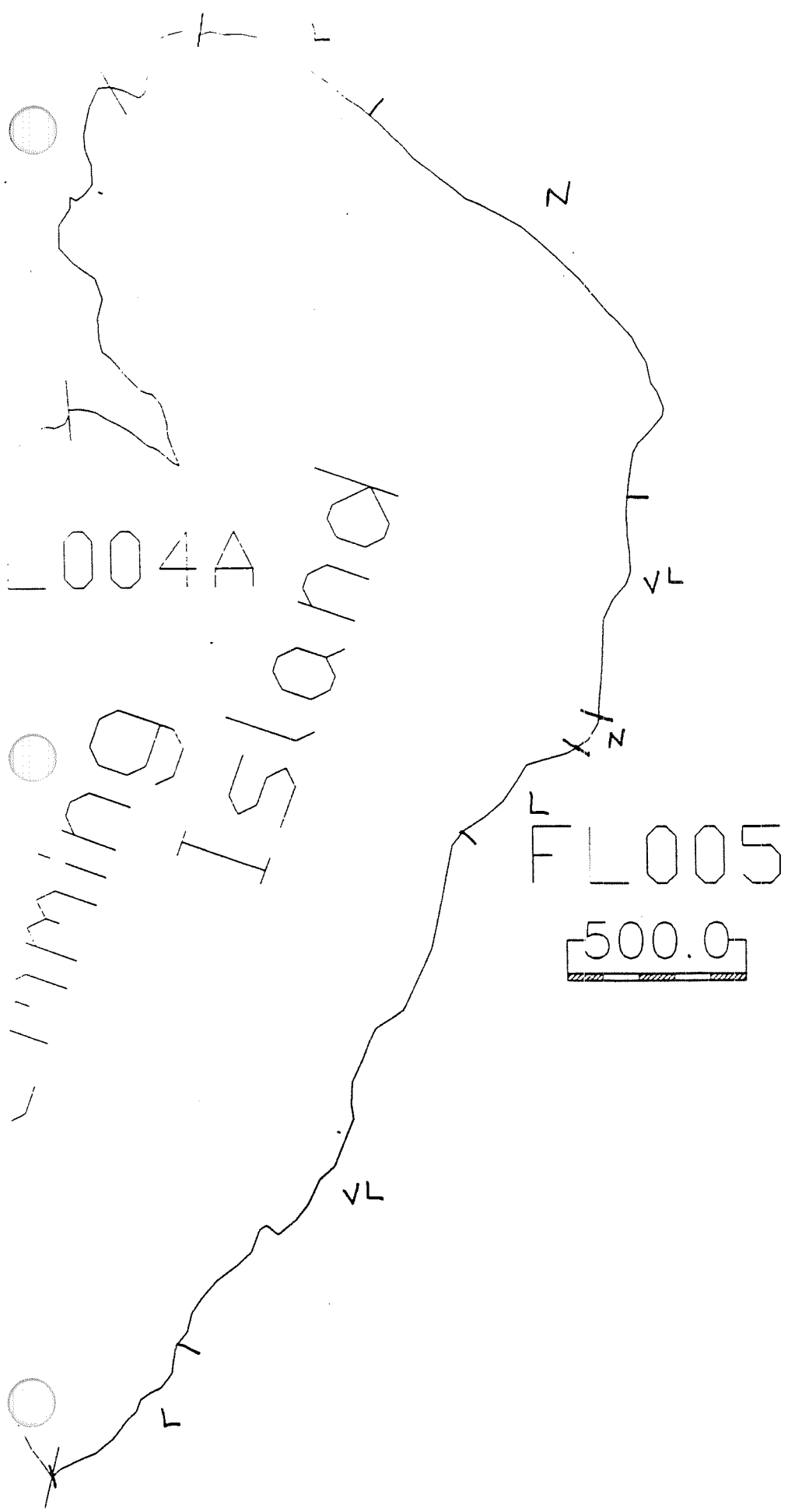
Degree of Oiling: N,VL,L
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 65%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: M,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: FLO05-1 / FLO05-2 / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: One locality, boom
 Bags Collected: 1



L004A

Wilmina Island

FL005

500.0

OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed

Distance In Meters

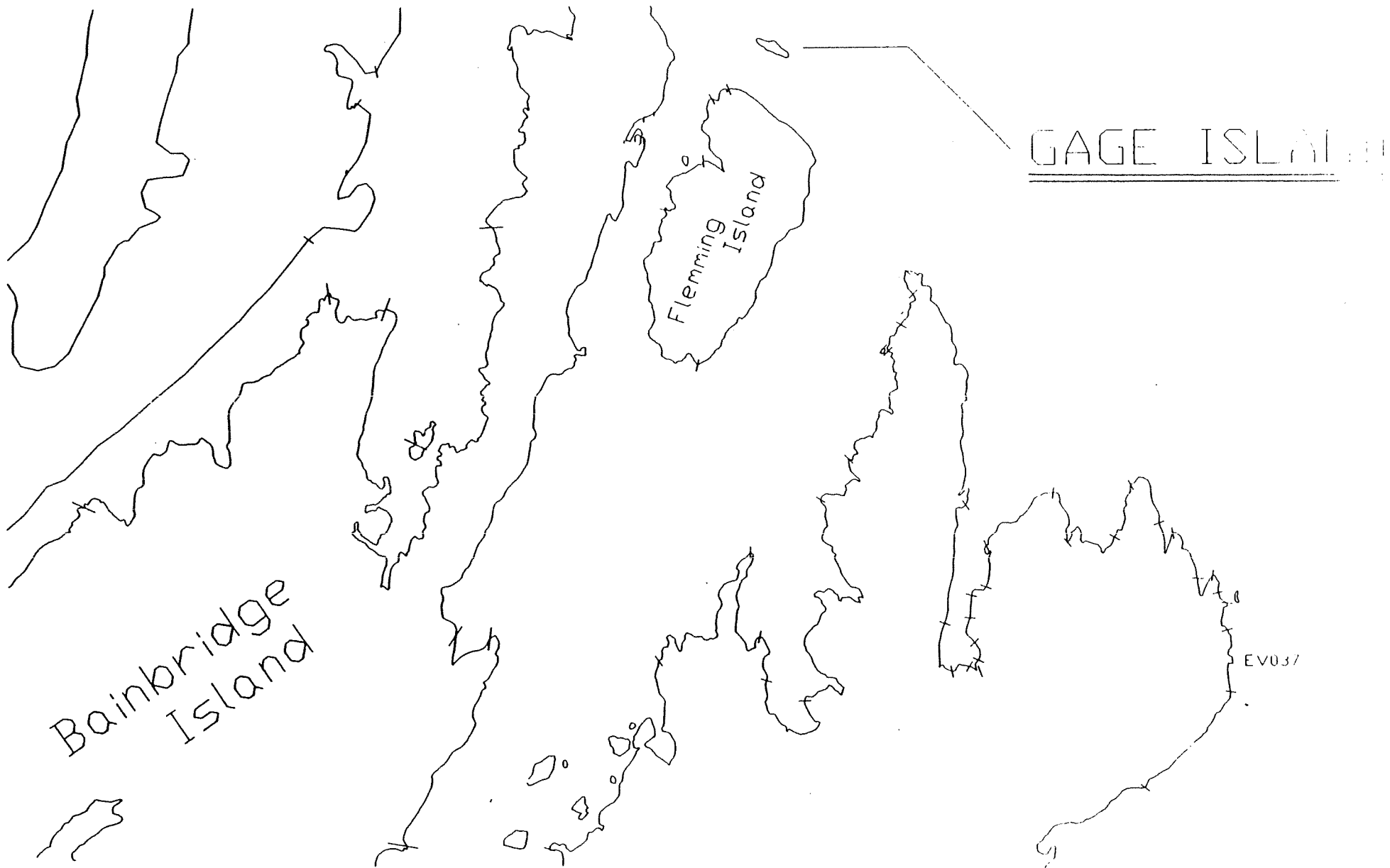
ADEC Sep/Oct 1989 Survey

N

SECTION CONTENTS — GAGE ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
GA001	GAGE ISLAND

Printed: 12/12/89



GAGE ISLAND

Bainbridge
Island

Flemming
Island

EV037

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GA001
LOCATION: GAGE ISLAND

DATE: 10/19/89
TIME: 11:43

Survey Type: Boat, Ground
Team: B. McCready, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Cloudy
Sea State: Moderate

Wind Direction: variable
Knots: 0-15

Low Tide: 10:55 Feet: 4.35 High Tide: 16:51 Feet: 13.2
Low Tide: 23:52 Feet: 0. High Tide: 5:34 Feet: 10.7

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)

Shoreline Composition: R
(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: M
(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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 70%

Presence of Oiled Driftwood (y/n): n

Oil Types: T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

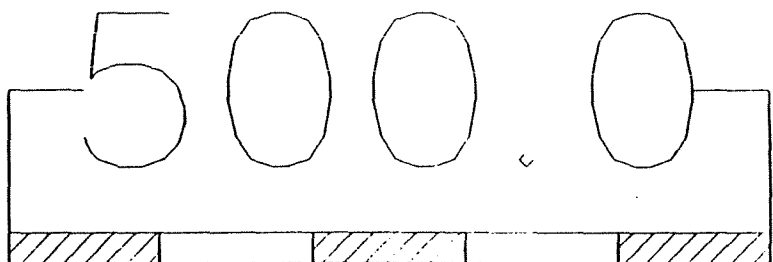
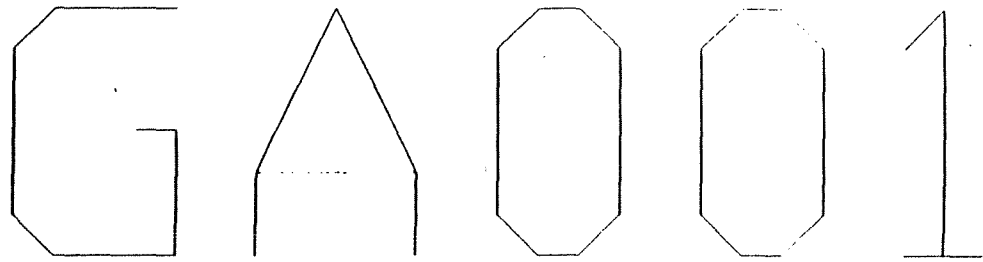
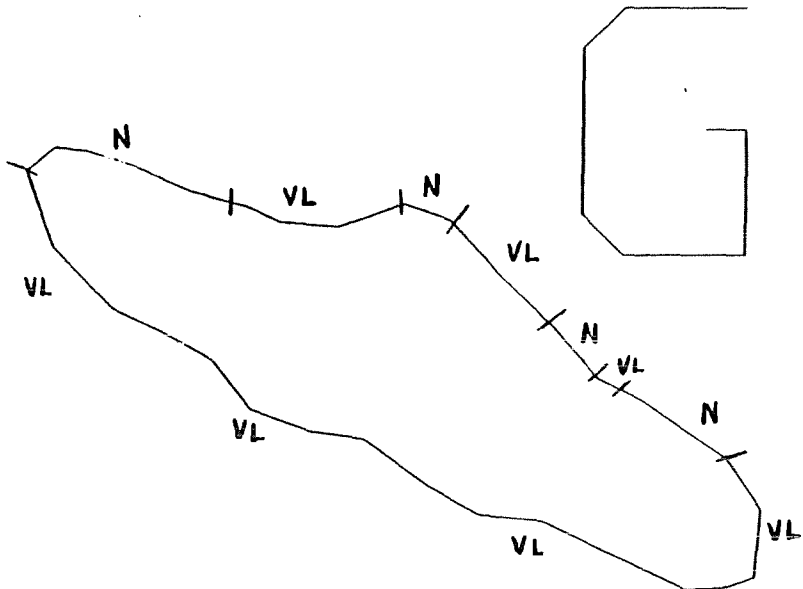
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0



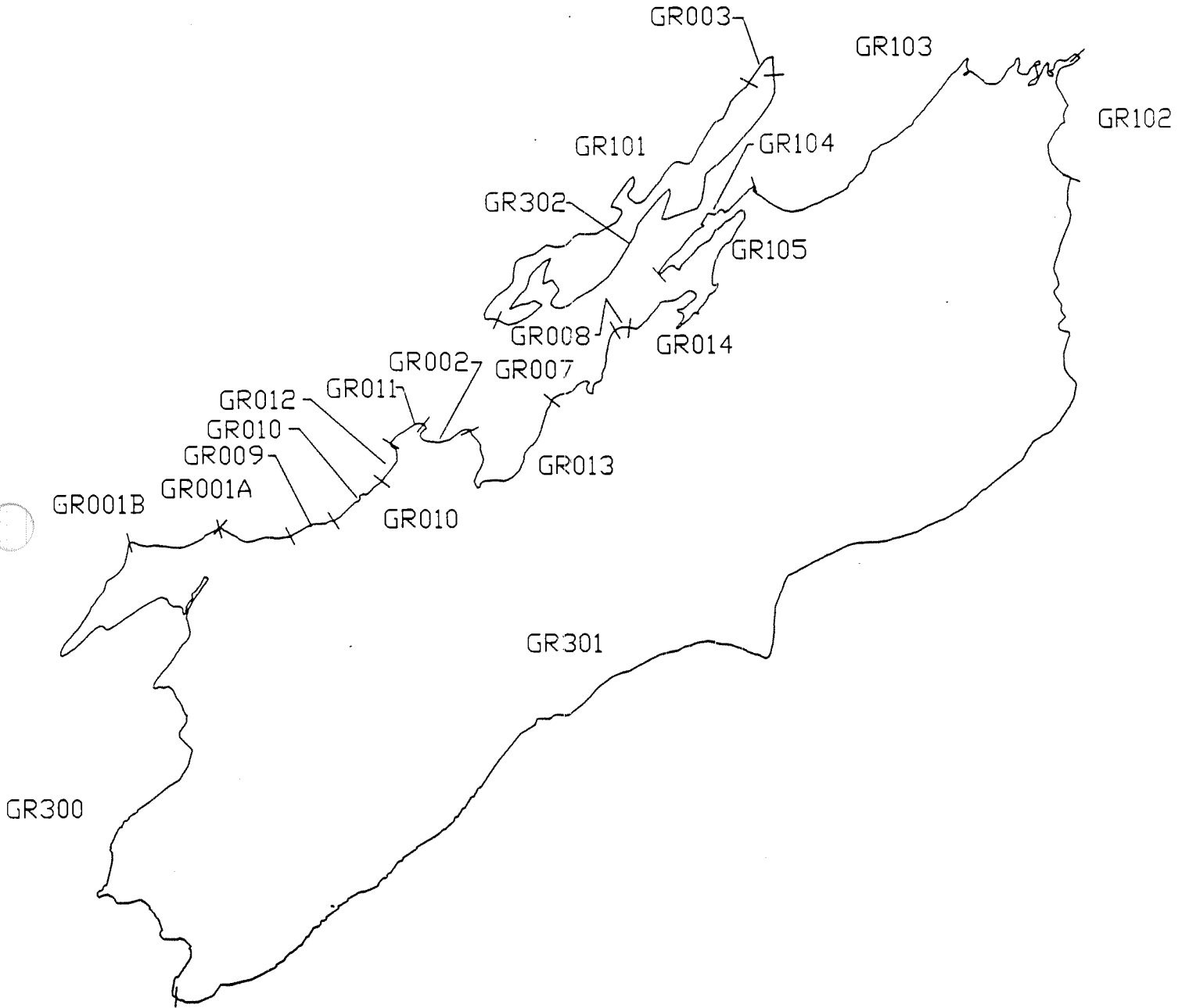
OILING	
H	= Heavy
M	= Moderate
L	= Light
VL	= Very Light
N	= None
NS	= Not Surveyed
Distance In Meters	

SECTION CONTENTS -- GREEN ISLAND

<u>SEGMENT#</u>	<u>LOCATION</u>
GR001A	NW GREEN ISLAND
GR001B	NW GREEN ISLAND
GR002	NW GREEN ISLAND
GR003	NW GREEN ISLAND
GR007	NW GREEN ISLAND
GR008	NW GREEN ISLAND
GR009	NW GREEN ISLAND
GR010	NW GREEN ISLAND
GR011	NW GREEN ISLAND
GR012	NW GREEN ISLAND
GR014	NW GREEN ISLAND
GR101	NW GREEN ISLAND
GR103	NW GREEN ISLAND
GR105	NW GREEN ISLAND
GR300	SW GREEN ISLAND
GR301	S GREEN ISLAND
GR302	NW GREEN ISLAND

Printed: 12/12/89

Green Island



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: G001A
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 9:30

Survey Type: Boat, Ground
 Team: L. Gresehover, P. Enders

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: NE
 Knots: 0-15

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: 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: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

Type: None

Bags Collected: 0

ADCC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR001B
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 8:45

Survey Type: Boat, Ground
 Team: L. Gresehover, P. Enders

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: NE
 Knots: 0-15

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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

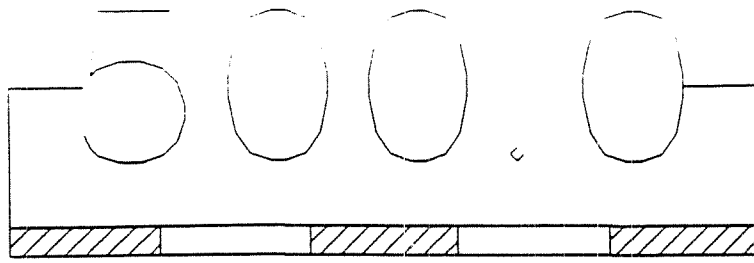
Degree of Oiling: L,M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 4 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

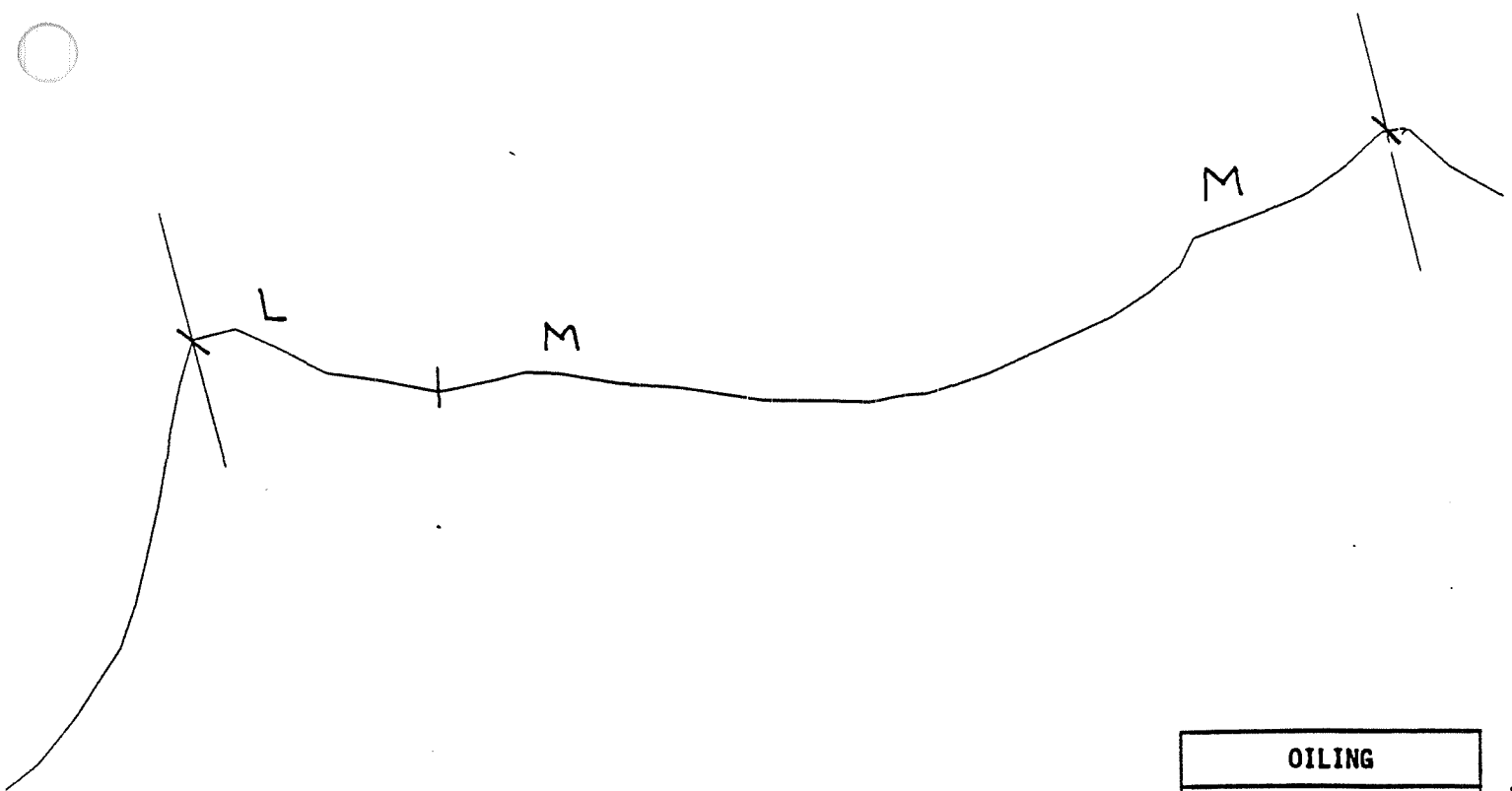
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



G R O O 1 B



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



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR002
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 10:05

Survey Type: Boat, Ground
 Team: H. Wood, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: LR,B
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: L,M
 (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: 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: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

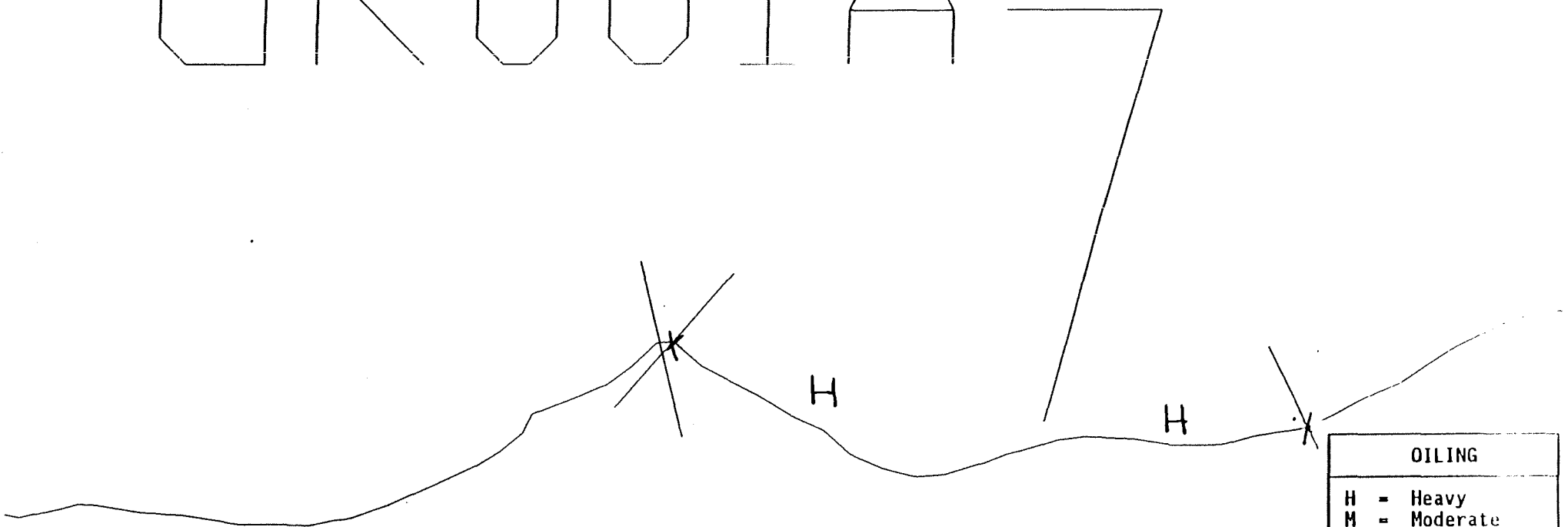
Fucus (y/n): y Barnacles (y/n): n Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

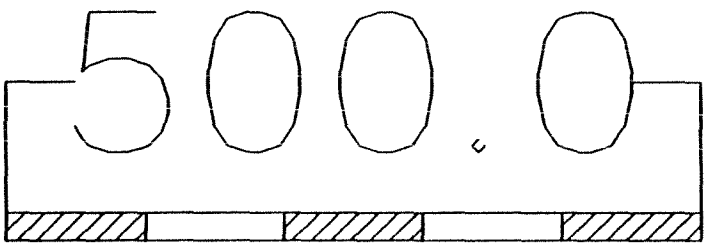
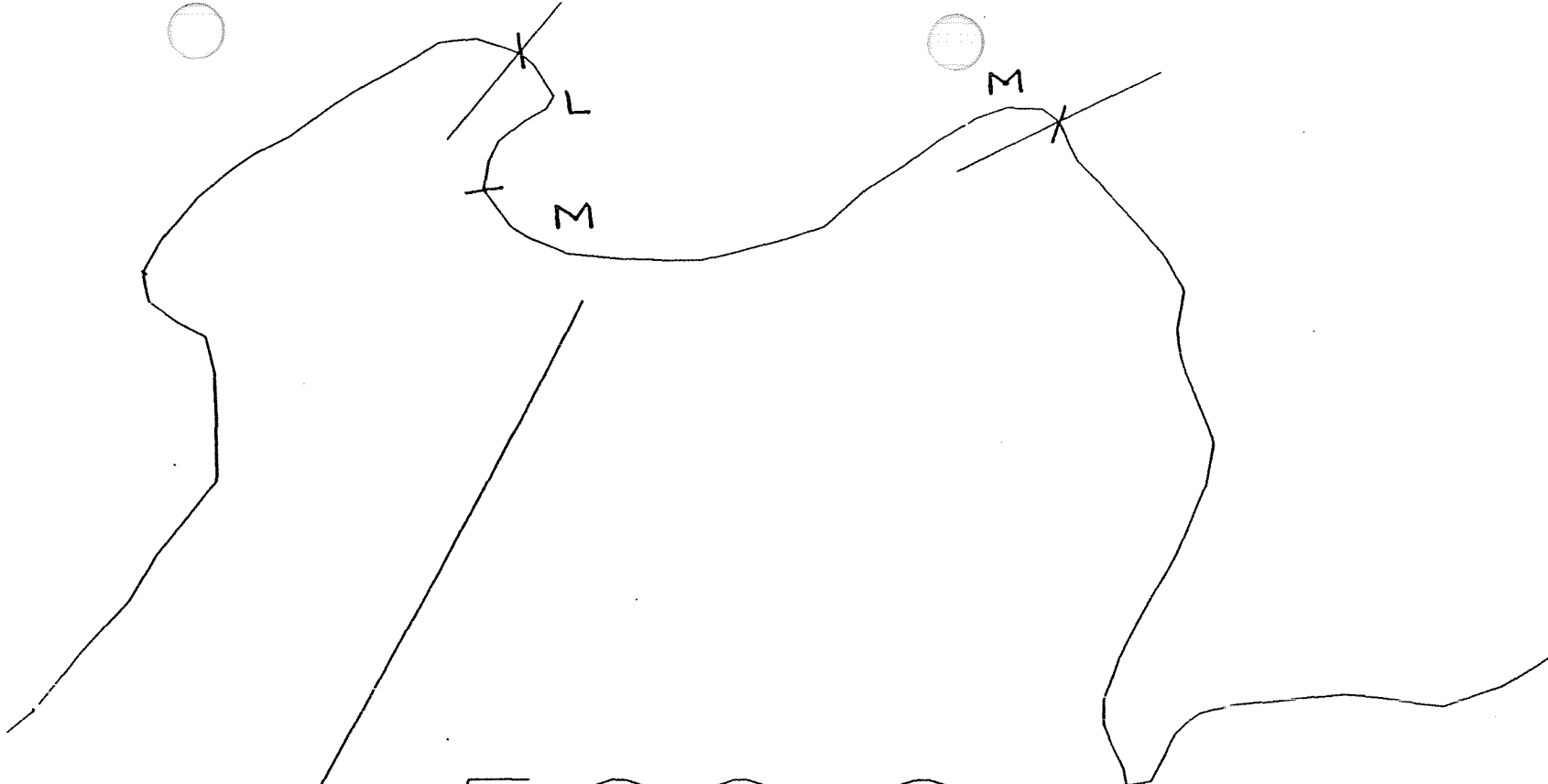
Type: One localities; garbage
 Bags Collected: 0

500.0

GR001A



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



GR002

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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: G003
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 8:30

Survey Type: Boat, ground
 Team: B. McCready, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: 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: 3 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 10 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / 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

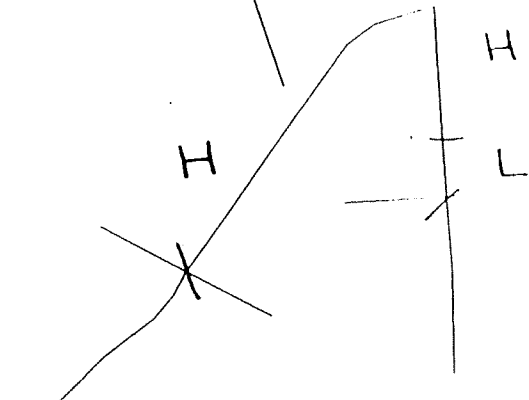
500.0

GR003

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



ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR007
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 10:43

Survey Type: Boat, Ground
 Team: M. Ebel, B. Fitzsimons

WEATHER AND SEA CONDITIONS

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

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: L (H=high, M=moderate, L=low)

Shoreline Composition: B,C,G,S,M
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: N,L
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 15 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 30%

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: none / none / none / none

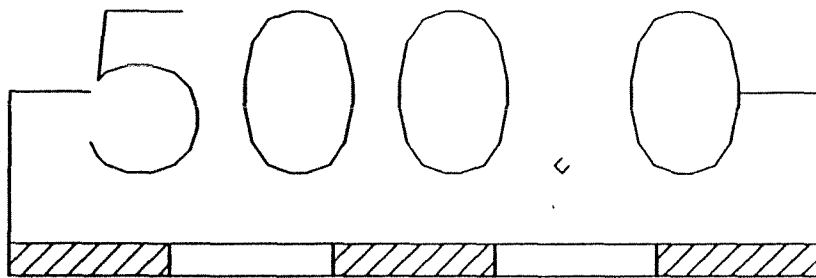
DAMAGED OR OILED ORGANISMS

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

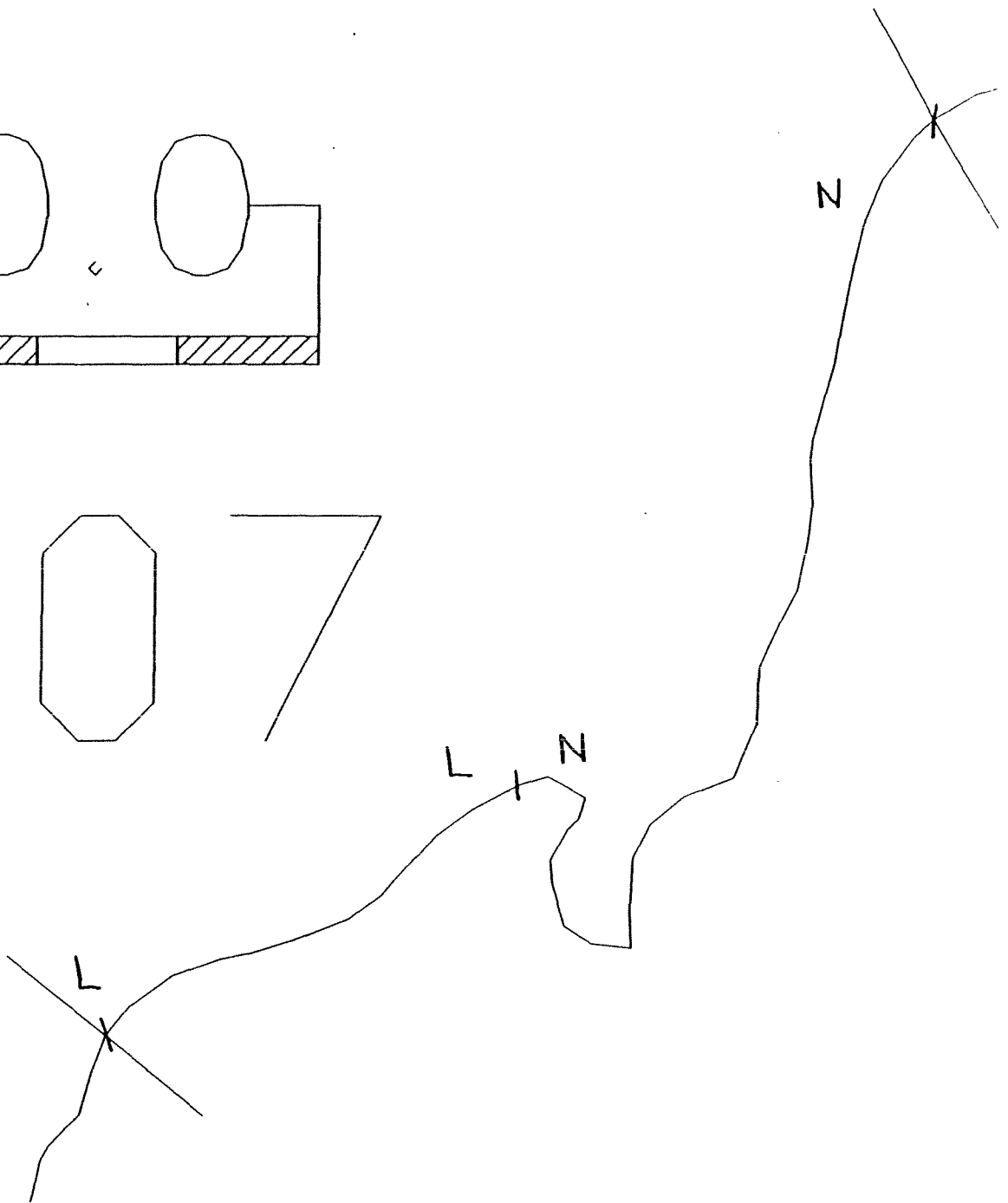
SOLID WASTE FOUND

Type: None

Bags Collected: 0



G R O O V E



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

ADEC Sep/Oct 1989 Survey

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: G008
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 10:23

Survey Type: Boat, Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: L (H=high, M=moderate, L=low)

Shoreline Composition: C,G,S,M
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: M
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: none
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 0 mm (1 = 1 mm or less, 0 = no oil)

Max. Oil Penetration: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 0%

Presence of Oiled Driftwood (y/n): n

Oil Types: none

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

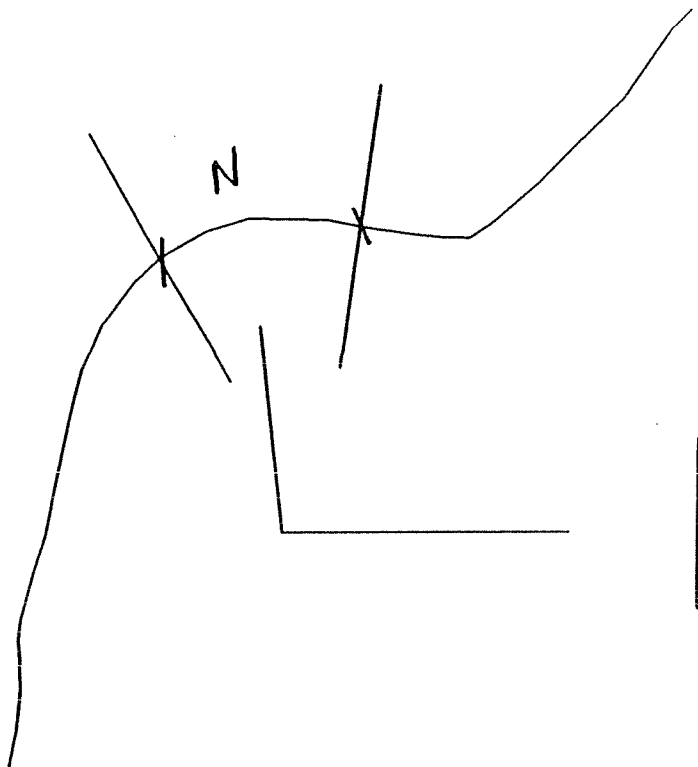
DAMAGED OR OILED ORGANISMS

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

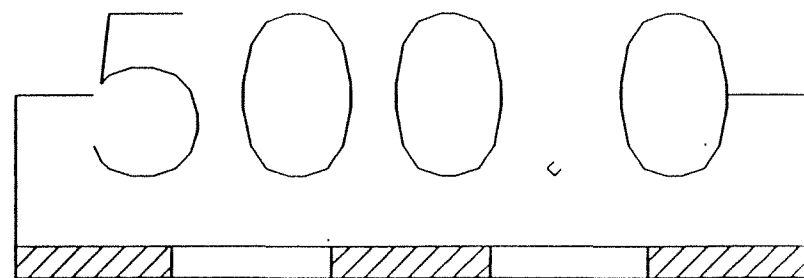
SOLID WASTE FOUND

Type: None

Bags Collected: 0



GR0008



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



ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: G009
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 9:45

Survey Type: Boat, Ground
 Team: P. Enders, L. Gresehover

WEATHER AND SEA CONDITIONS

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

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretupes: LR,B
 (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

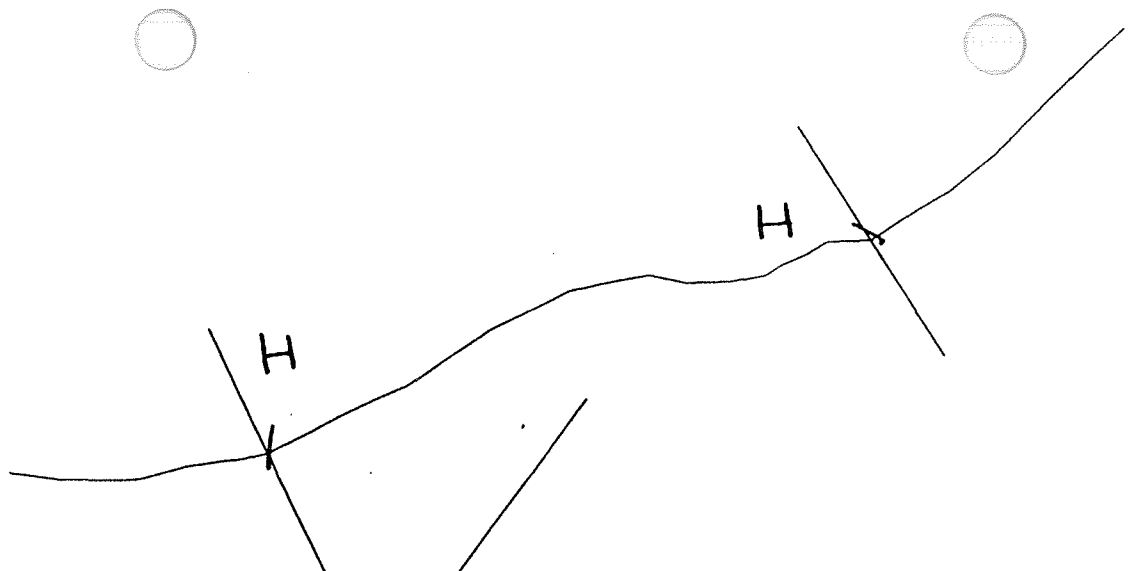
Degree of Oiling: H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)
 Area of Impact: S,H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 4 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

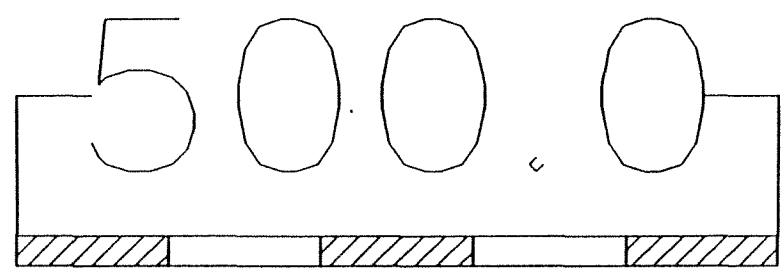
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): n
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
 Bags Collected: 0



4 G R 0 0 9



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR010
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 10:05

Survey Type: Boat, ground
 Team: P. Enders, L. Gresehover

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretupes: LR,B
 (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: M,H
 (N=none, VL=very light, L=Light, M=moderate, H=heavy)

Area of Impact: S,H,M
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)

Max. Oil Thickness: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 6 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

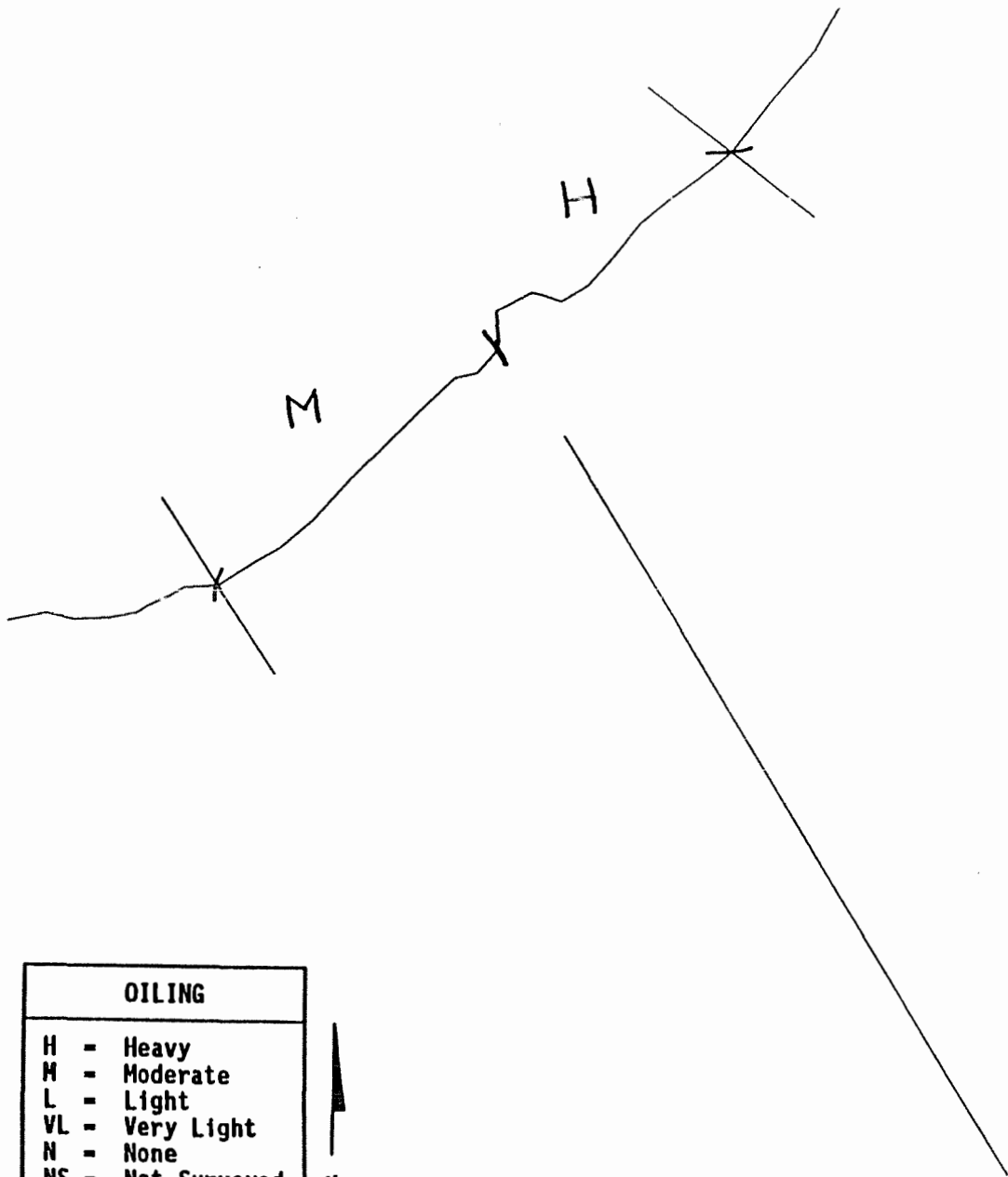
DAMAGED OR OILED ORGANISMS

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

SOLID WASTE FOUND

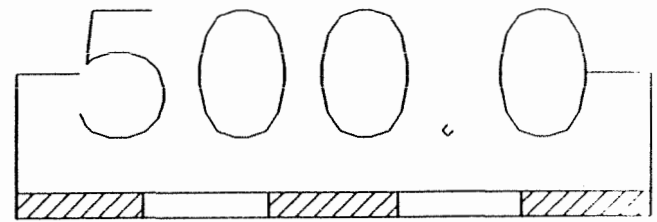
Type: None

Bags Collected: 0



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

ADEC Sep/Oct 1989 Survey



GRO111

ADOC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR011
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 9:30

Survey Type: Boat, Ground
 Team: H. Wood, G. Winter

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: M (H=high, M=moderate, L=low)

Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL,L,M
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 20 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%

Presence of Oiled Driftwood (y/n): n

Oil Types: M,SY,T,ST

(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

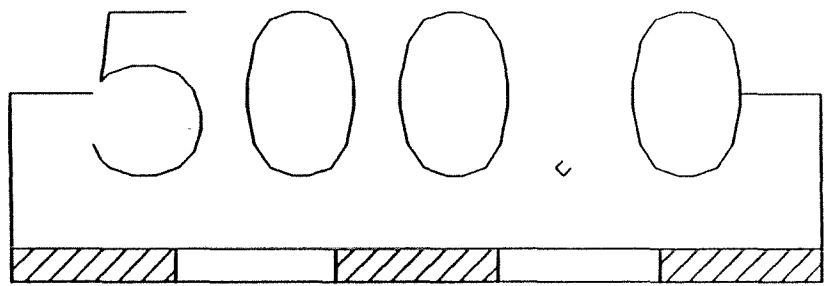
DAMAGED OR OILED ORGANISMS

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

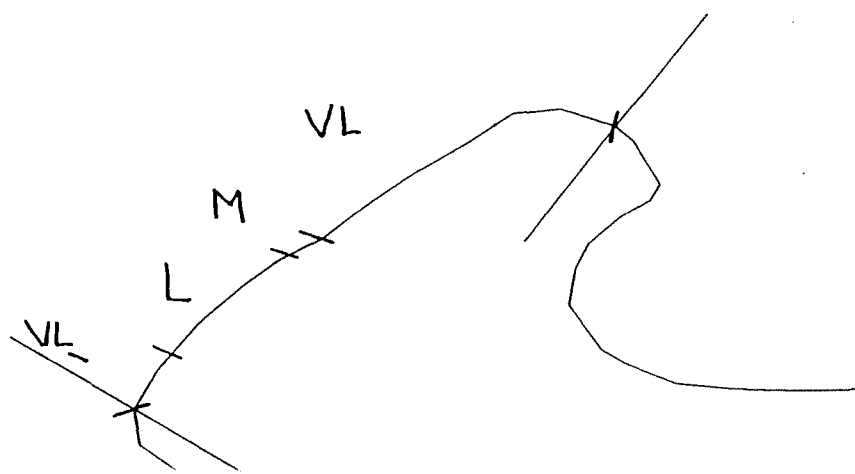
SOLID WASTE FOUND

Type: None

Bags Collected: 0



GRO 11



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

ADCC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR012
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 8:30

Survey Type: Boat, Ground
 Team: H. Wood, G. Winter

WEATHER AND SEA CONDITIONS

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

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: H,LR
 (H=headland, LR=low-lying rock, B=beach, C=cove, L=lagoon, M=marsh)
 Wave Exposure: H,M (H=high, M=moderate, L=low)
 Shoreline Composition: R,B,C
 (R=bedrock, B=boulder, C=cobble, G=gravel, S=sand, M=silt)

OIL CHARACTERISTICS

Degree of Oiling: VL
 (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: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: none / none / none / none

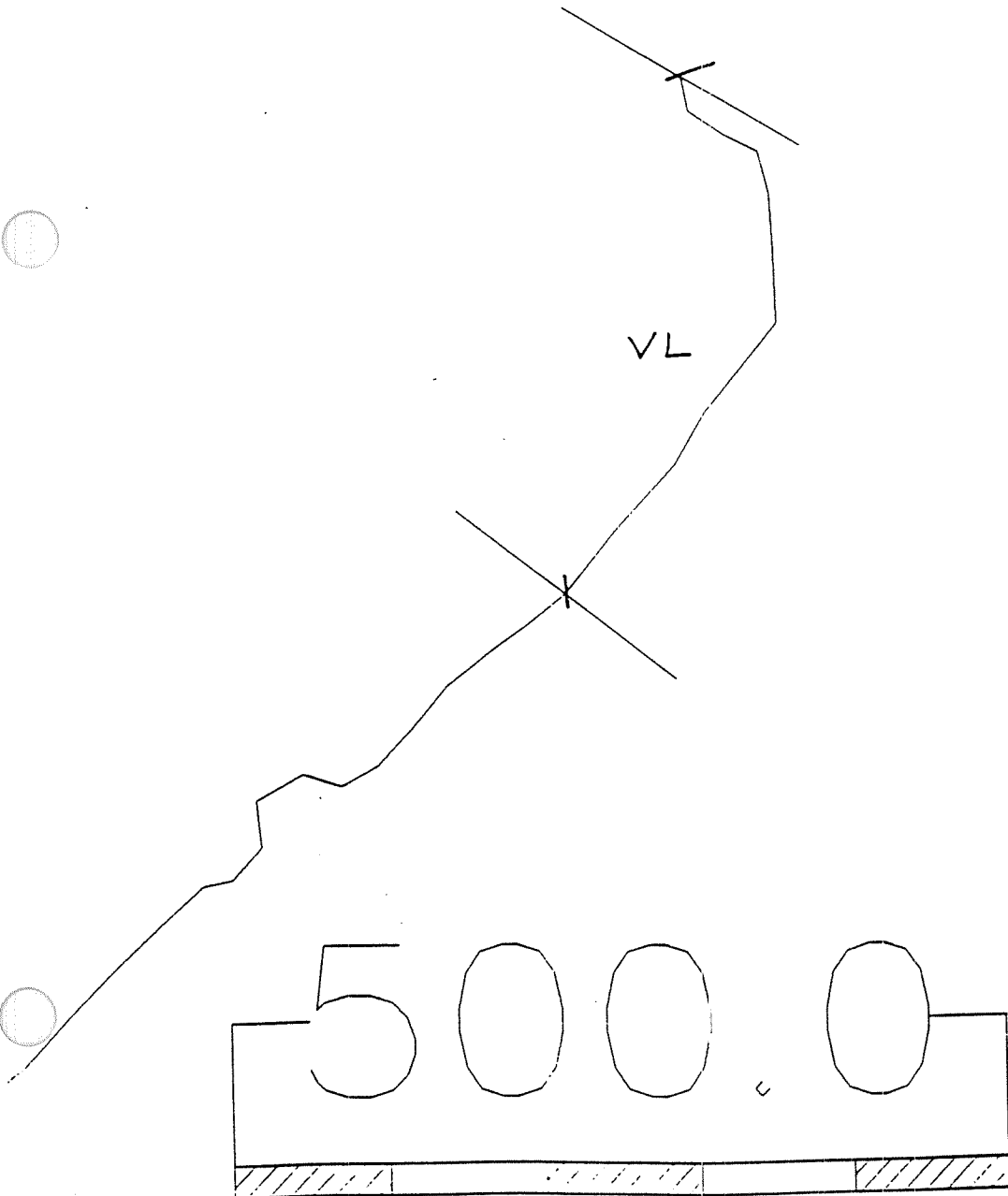
DAMAGED OR OILED ORGANISMS

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

GRO12



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

ADDC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GRO14
LOCATION: NW GREEN ISLAND

DATE: 10/03/89
TIME: 9:43

Survey Type: Ground
Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy
Sea State: Calm

Wind Direction: 0
Knots: 0

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

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

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

OIL CHARACTERISTICS

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

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

Percent Segment Categorized as Oiled: 0%
Presence of Oiled Driftwood (y/n): n
Oil Types: none
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

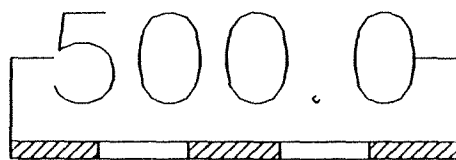
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: None
Bags Collected: 0



GR014



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

ADFC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR101
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 8:55

Survey Type: Boat, Ground
 Team: B. McCready, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (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: VL,L,M,H
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H,M,L
 (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: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): n
 Oil Types: SY,T,A,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: GR101-1 / GR101-2 / 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

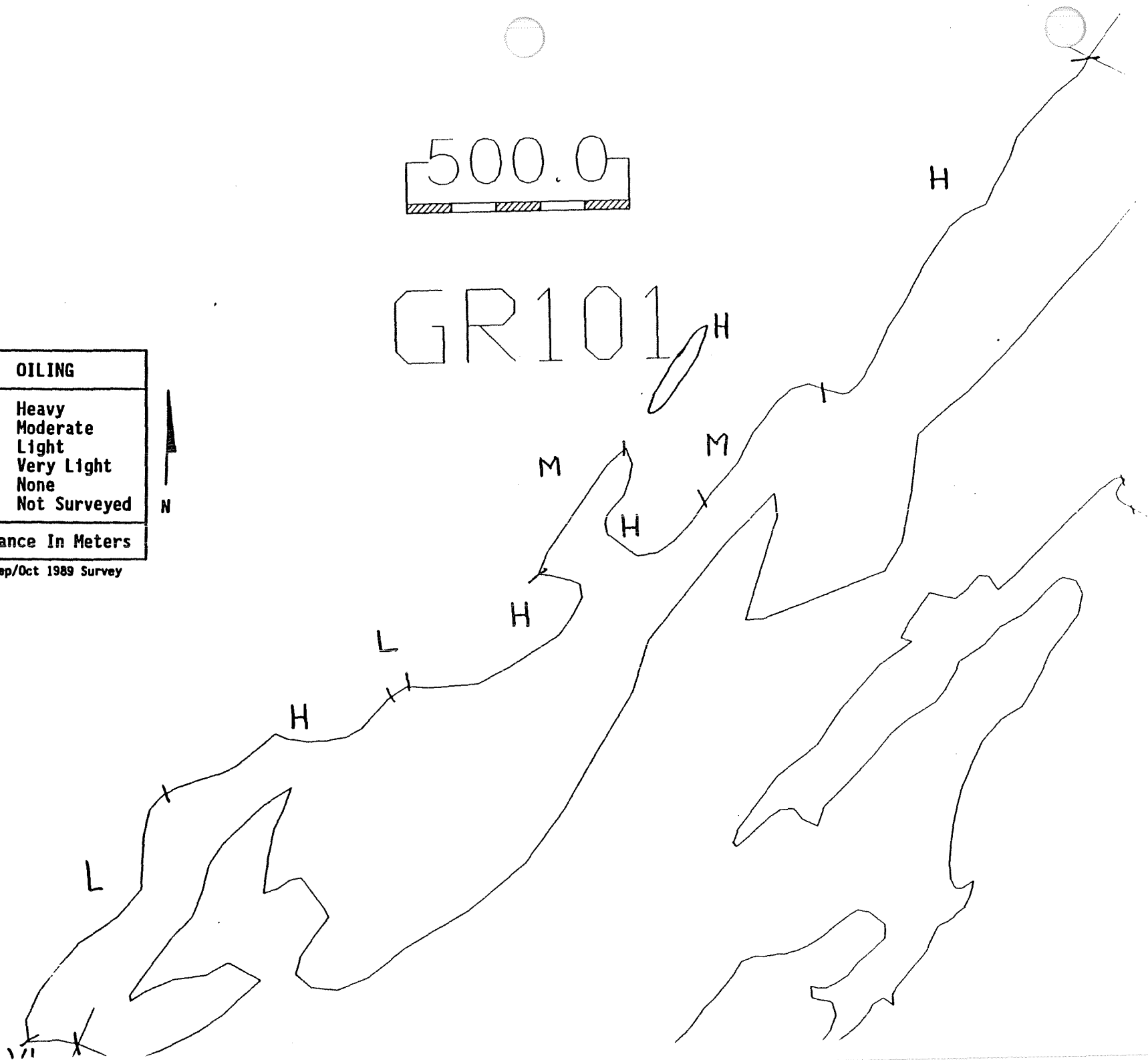
500.0

GR101

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

Distance In Meters

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR103
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 8:30

Survey Type: Boat, Ground
 Team: J. Kreiger, K. Dutcher

WEATHER AND SEA CONDITIONS

Weather: Cloudy, Fog Wind Direction: variable
 Sea State: Calm Knots: 0-15

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: H,LR,B
 (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: VL,L,M,H
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 30 cm (35 = 35 cm or greater)
 Percent Segment Categorized as Oiled: 100%
 Presence of Oiled Driftwood (y/n): y
 Oil Types: M,SY,T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
 Samples: GR103-1 / GR103-2 / none / none

DAMAGED OR OILED ORGANISMS

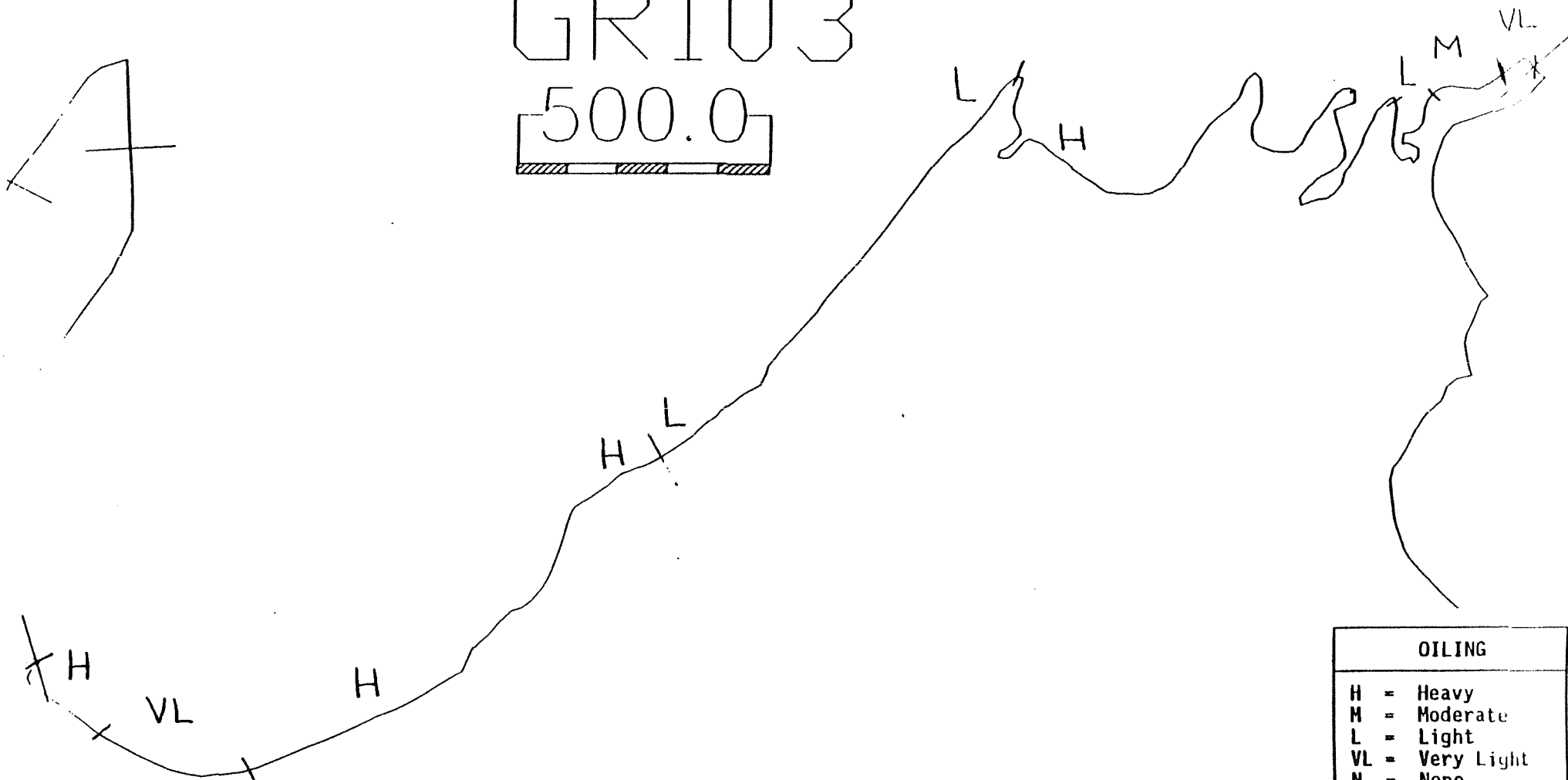
Fucus (y/n): n Barnacles (y/n): y Mussels (y/n): y
 Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Few locations, boom, garbage
 Bags Collected: 0

GR103

500.0



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

ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR105
 LOCATION: NW GREEN ISLAND

DATE: 10/03/89
 TIME: 9:43

Survey Type: Ground
 Team: B. Fitzsimons, M. Ebel

WEATHER AND SEA CONDITIONS

Weather: Cloudy
 Sea State: Calm

Wind Direction: 0
 Knots: 0

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
 Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

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

Wave Exposure: L (H=high, M=moderate, L=low)

Shoreline Composition: B,C,G,S,M
 (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: 2 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 1 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 10%

Presence of Oiled Driftwood (y/n): n

Oil Types: T,ST
 (P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)

Samples: none / none / none / none

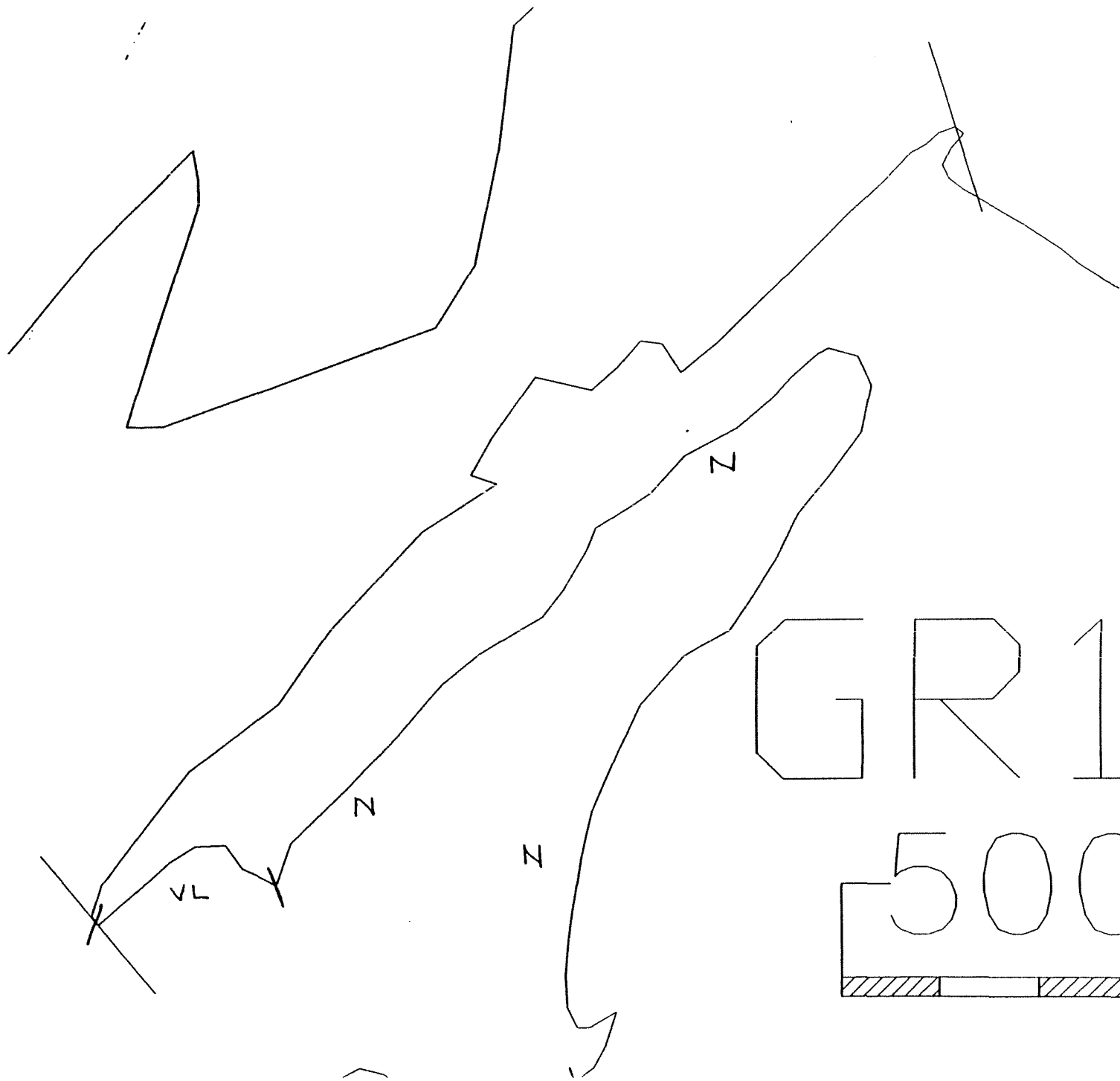
DAMAGED OR OILED ORGANISMS

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



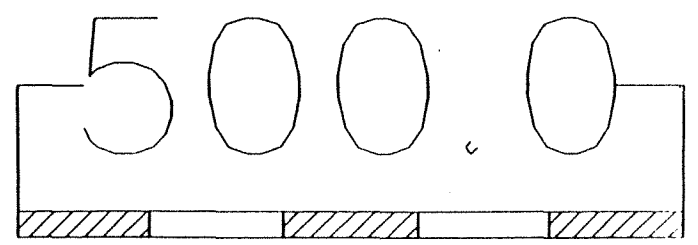
OILING	
H	Heavy
M	Moderate
L	Light
VL	Very Light
N	None
NS	Not Surveyed



Distance In Meters

ADEC Sep/Oct 1989 Survey

GR109



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR300
 LOCATION: SW GREEN ISLAND

DATE: 10/02/89
 TIME: 19:03

Survey Type: Boat, Ground
 Team: P. Endres, L. Gresehover

WEATHER AND SEA CONDITIONS

Weather: Cloudy Wind Direction: NE
 Sea State: Calm Knots: 0-15

Low Tide: 21:44 Feet: -0.1 High Tide: 3:24 Feet: 11.3
 Low Tide: 9:12 Feet: 2.2 High Tide: 15:12 Feet: 12.8

SHORELINE DESCRIPTION

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

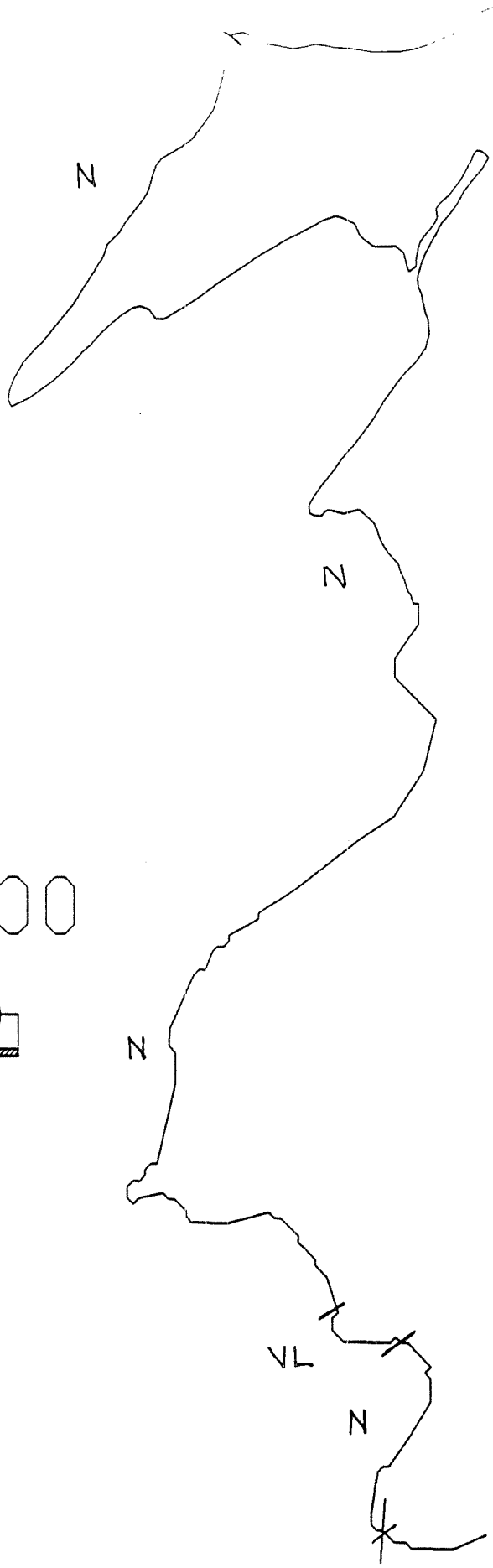
Degree of Oiling: N,VL
 (N=none, VL=very light, L=light, M=moderate, H=heavy)
 Area of Impact: H
 (S=supratidal, H=high intertidal, M=mid tidal, L=low intertidal)
 Max. Oil Thickness: 1 mm (1 = 1 mm or less, 0 = no oil)
 Max. Oil Penetration: 0 cm (35 = 35 cm or greater)
 Percent Segment Categorized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



GR 300



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

Distance In Meters

ADEC Sep/Oct 1989 Survey



ADEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR301
LOCATION: S GREEN ISLAND

DATE: 10/02/89
TIME: 18:15

Survey Type: Boat, Ground
Team: K. Dutcher-Krieger, G. Pavia

WEATHER AND SEA CONDITIONS

Weather: Sunny, Cloudy Wind Direction: NE
Sea State: Calm Knots: 0-15

Low Tide: 9:06 Feet: 2.2 High Tide: 3:22 Feet: 11.7
Low Tide: 21:37 Feet: -0.1 High Tide: 15:07 Feet: 13.2

SHORELINE DESCRIPTION

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

Wave Exposure: H,M (H=high, M=moderate, L=low)
Shoreline Composition: B,C,G,S
(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: 0 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 20%
Presence of Oiled Driftwood (y/n): n
Oil Types: T
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / none / none

DAMAGED OR OILED ORGANISMS

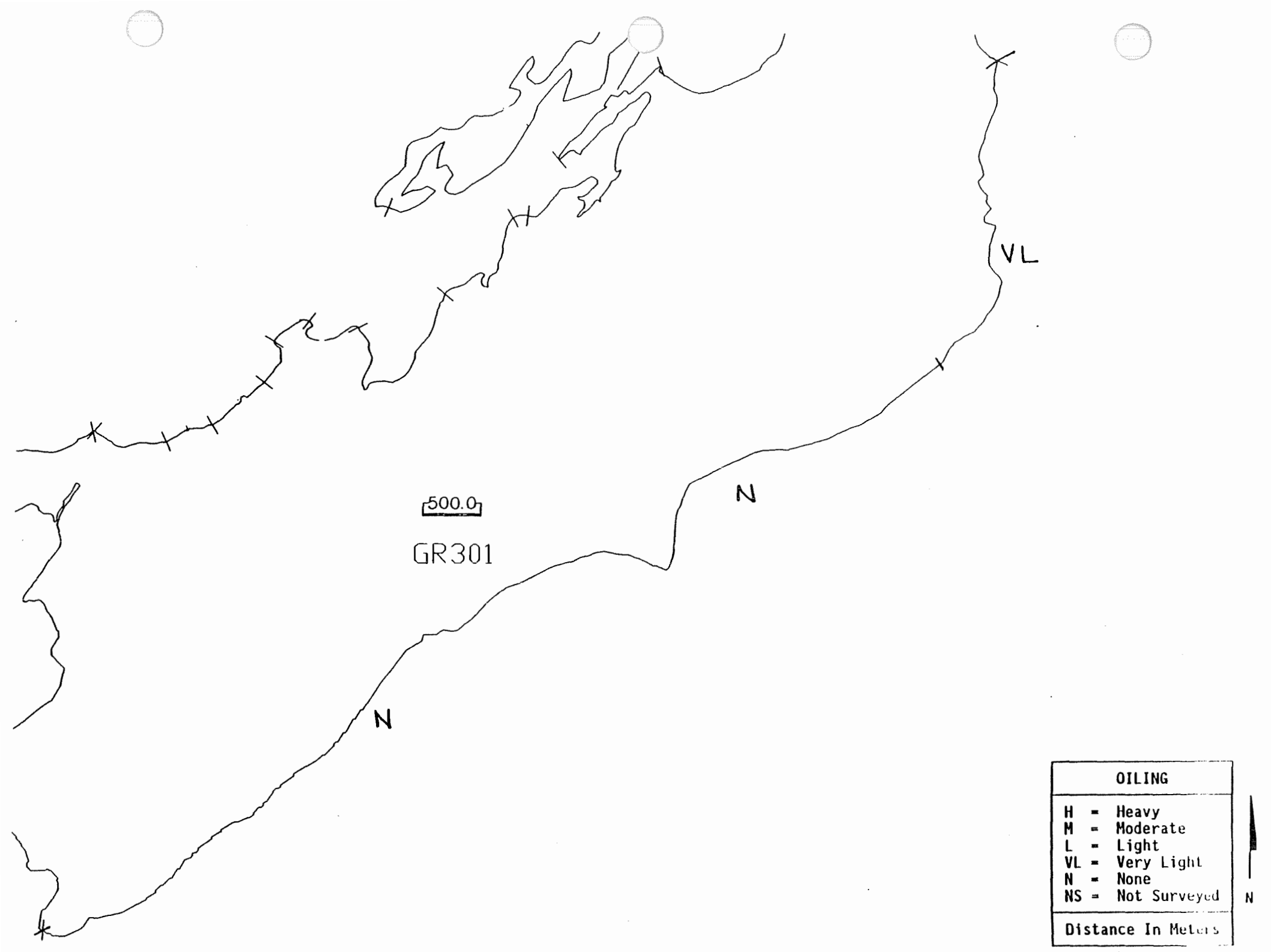
Fucus (y/n): n Barnacles (y/n): n Mussels (y/n): n
Dead Mammals: 0 Dead Birds: 0

SOLID WASTE FOUND

Type: Many localities, boom, garbage, paint marks
Bags Collected: 0

Draft

Printed: 12/12/89 11:26



DEC EXXON VALDEZ POST-TREATMENT SURVEY REPORT

SEGMENT#: GR302
LOCATION: NW GREEN ISLAND

DATE: 10/03/89
TIME: 10:47

Survey Type: Boat, Ground
Team: B. McCready, D. Gardner

WEATHER AND SEA CONDITIONS

Weather: Cloudy
Sea State: Calm

Wind Direction: 0
Knots: 0

Low Tide: 22:19 Feet: 0.35 High Tide: 3:57 Feet: 10.8
Low Tide: 9:41 Feet: 3.06 High Tide: 15:37 Feet: 12.6

SHORELINE DESCRIPTION

Shoretypes: H,LR,B,C,L
(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: 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: 1 mm (1 = 1 mm or less, 0 = no oil)
Max. Oil Penetration: 30 cm (35 = 35 cm or greater)

Percent Segment Categorized as Oiled: 100%
Presence of Oiled Driftwood (y/n): n
Oil Types: none
(P=pooled, M=mousse, SY=sticky, T=tar, A=asphalt, ST=stain)
Samples: none / none / 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 11:26

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

ADEC Sep/Oct 1989 Survey

GR302

