

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

ADFA
09/19/91

OK 

STREAM#: 2323010270
SEGMENT: JD501

PAGE 36

DATE PRINTED: 08/19/91

LOCATION: PAGUNA ARM, EAST

SURVEY TYPE: 89 AFHS - AS

METHOD: AERIAL

DATE: 09/03/89

TEAM RECORDER: HILL

START TIME: 1345

OBSERVERS: RANDALL

END TIME: 1350

TIDES: *Flood*
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2323010270

ROLL#: 89DDH036H

FRAME: 09-10

VIDEO TAKEN: N

TAPE#:

START:

END:

SAMPLES TAKEN: N

SAMPLE NUMBERS:

OIL IN STREAM BED: *N/A*

OVERALL OIL IMPACT: *N/A*

OIL ON BEACH BY MOUTH: *N/A*

WAVE EXPOSURE: LOW

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK

BOULDER

COBBLE

VEGETAT

GRAVEL

SAND

MUD/SILT

GRANULE

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON

COUNT:

100

Black Bear

1

ACE 9962234+/FIS/P

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

OK

PAGE 49

DATE PRINTED: 08/19/91

STREAM# : 2323010270
SEGMENT#: JD501

SURVEY TYPE : 89 AFHS - AS
DATE: 09/03/89
TIMES: 1345 - 1350

LOCATION: PAGUNA ARM, EAST
TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									N/A

COMMENTS:
SITE 13-6A. AERIAL SURVEY - OILING NOT DETERMINED.

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

DDA
10/7/91

OK
★

STREAM#: 2323010272
SEGMENT: JD501

DATE PRINTED: 08/19/91

PAGE 37

LOCATION: PAGUNA ARM, CENTER

SURVEY TYPE: 89 AFHS - AS

METHOD: AERIAL

DATE: 09/03/89

TEAM RECORDER: HILL

START TIME: 1345

OBSERVERS: RANDALL

END TIME: 1350

TIDES: *Flood*
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2323010272

ROLL#: 89DDH036H

FRAME: 09-10

VIDEO TAKEN: N

TAPE#:

START:

END:

SAMPLES TAKEN: N

SAMPLE NUMBERS:

OIL IN STREAM BED: *N/A*

OVERALL OIL IMPACT: *N/A*

OIL ON BEACH BY MOUTH: *N/A*

WAVE EXPOSURE: LOW

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK

BOULDER

COBBLE

VEGETAT

GRAVEL

SAND

MUD/SILT

GRANULE

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON

COUNT:

200

ACE 9962236 +/s

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

OK

PAGE 50

DATE PRINTED: 08/19/91

STREAM# : 2323010272
SEGMENT#: JD501

SURVEY TYPE : 89 AFHS - AS LOCATION: PAGUNA ARM, CENTER
DATE: 09/03/89
TIMES: 1345 - 1350 TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									N/A

COMMENTS:
SITE 13-6A. AERIAL SURVEY - OILING NOT DETERMINED.

ADF&G MULTI-ASSESSMENT FORM
1991 GENERAL ENTRY CHECKLIST

DDA
10/19/91

OK 

STREAM#: 2323010275
SEGMENT: JD501

PAGE 38

DATE PRINTED: 08/19/91

LOCATION: PAGUNA ARM, EAST

SURVEY TYPE: 89 AFHS - AS

METHOD: AERIAL

DATE: 09/03/89

TEAM RECORDER: HILL

START TIME: 1345

OBSERVERS: RANDALL

END TIME: 1350

TIDES: *Flow*
OG/HAB DISCREPANCIES:

AGENCY: FG

PHOTOS TAKEN: Y

STATION: 2323010275

ROLL#: 89DDH036H

FRAME: 09-10

VIDEO TAKEN: N

TAPE#:

START:

END:

SAMPLES TAKEN: N

SAMPLE NUMBERS:

OIL IN STREAM BED: *N/A*

OVERALL OIL IMPACT: *N/A*

OIL ON BEACH BY MOUTH: *N/A*

WAVE EXPOSURE: LOW 

SHORELINE TYPE: BEACH

SUBSTRATE TYPE: BEDROCK

BOULDER

COBBLE

VEGETAT

GRAVEL

SAND

MUD/SILT

GRANULE

ANADROMOUS FISH PRESENT: Y

SPECIES: PINK SALMON

COUNT:

30 

ACE 9962238 *HS*

ADF&G MULTI-ASSESSMENT FORM
1991 OILING ENTRY CHECKLIST

OK

PAGE 51

DATE PRINTED: 08/19/91

STREAM# : 2323010275
SEGMENT#: JD501

SURVEY TYPE : 89 AFHS - AS
DATE: 09/03/89
TIMES: 1345 - 1350

LOCATION: PAGUNA ARM, EAST
TEAM RECORDER: HILL

-- OILING EXTENT --

SITE#	SITE TYPE	DEPTH (cm)	LENGTH (m)	WIDTH (m)	AREA (m)	%	THICK (cm)	PEN (cm)	OIL TYPE CODES
1									N/A

COMMENTS:

SITE 13-6A. AERIAL SURVEY - OILING NOT DETERMINED.

1989 AFCS

10270

Site 13-6A

LAGUNA Arm

DATE 11/19/91

ASC NUMBER: 232-30-10272 SEGMENT NUMBER: none YR CATALOGED:

LOCATION: PAGUAN Arm 10275

TEAM NAME:

LOCAL STREAM #:

USGS QUADRANGLE: Seldovia C-1

SHORELINE TYPE: Beach ALL SEGMENTS:

WAVE EXPOSURE: L

SC NUMBER:

TEAM RECORDER: Doug Hill

URVEY TYPE: AS OBSERVERS: Rick Randall

ETHOD: Helo

AGENCY(IES): ADF46

DATE: 9/3/89

PHOTOS TAKEN? 4

TART TIME: 1345 Roll #: 8100H0364 Frames: 9/10

TOP TIME: 1350 VIDEO TAKEN? N Tape Number:

Counter Start:

AMPLES TAKEN?

SAMPLE I.D. NUMBERS: 1. 2. 3.

 4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: NA

OIL IN STREAM CHANNEL? NA

OIL ON BEACH WITHIN 50M OF STREAM MOUTH? NA

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

NA

	10270	10272	10275		
SPECIES	Pink	Pinks	Pinks		
COUNT	100	200	30		

COMMENTS:

10270 - 59 41 43 / 150 7 45 / S 55 SW33

10272 - 59 41 40 / 150 7 58 / S 55 SW33

10275 - 59 41 32 / 150 8 14 / S 65 SW4

ACE 9962240 +15

FISH HABITAT ASSESSMENT FORM

PAGUNA Arm-Head of BAY

¹REGION: ²PWS KP, CI ~~Y, AP~~ ⁵OBSERVER(S) Doug Hill, Rick RANDALL

⁶SITE NO. 13-6A ⁷AERIAL PHOTO NO. 9,10 ⁸CAT NO. NC

⁹STREAM NAME _____ ¹⁰LAT 25° 41' 63" ¹¹LONG 150° 07' 93"

¹²DATE 9/3/89 ¹³TIME 1345 ¹⁴TIDE: Low slack Flood High slack Ebb

¹⁵CATALOGED ANADROMOUS STREAM? Y N ¹⁶ANAD. FISH FOUND? N

¹⁷OIL FOUND IN STREAM? Y N ¹⁸OIL FOUND NEAR STREAM (1 MI.)? Y N

¹⁹OIL SAMPLES TAKEN? Y N ²⁰ID NOS. _____

²¹35 mm PICTURES TAKEN? N

²²ROLL NO(S). 89-DNH-036-H

²³EXPOSURE NO.

²⁴DESCRIPTION

9,10

Aerial of 3 Non-cataloged Anadromous Fish Stream

Aerial Survey Only - No foot Survey for presence of oil

²⁵VIDEO FOOTAGE TAKEN? N

²⁶CASSETTE NO(S). _____

²⁷DESCRIPTION: _____

_____ ACE 9962241

_____ ACE 7380414

ANADROMOUS FISH OBSERVATIONS

		PINK	CHUM	RED	KING	COHO	DOLLY		
28	West	30							
	East	100							
	Center	200							
Aerial									
29	Ground								

30 COMMENTS: Aerial Fish Survey Only
No Carcasses Visible

OIL OBSERVATIONS

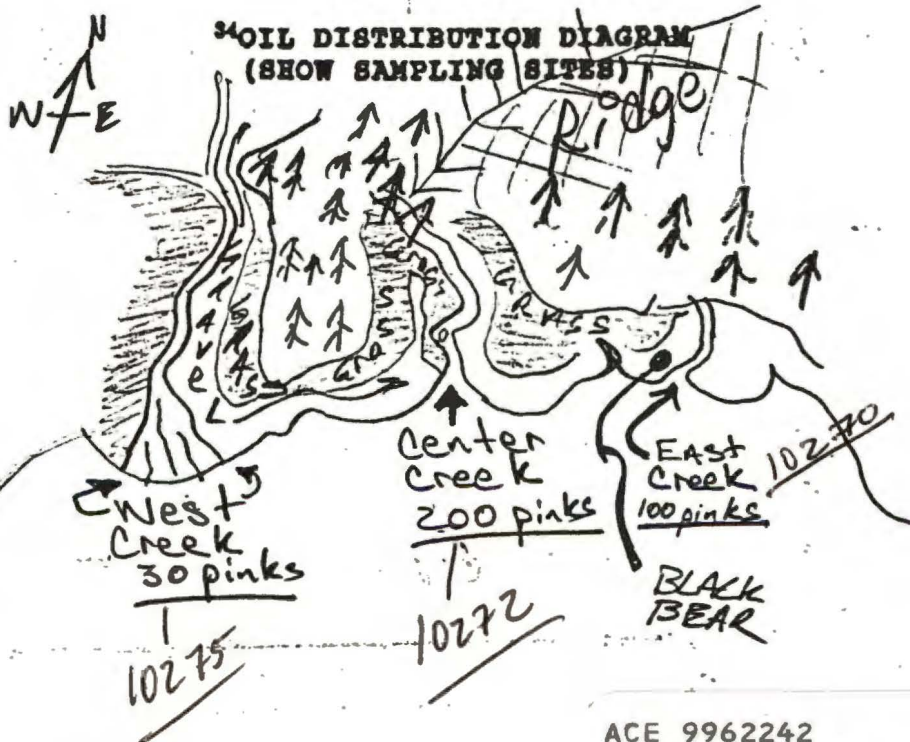
EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE		
32 SURFACE THICKNESS		
33 PENETRATION		

Site 13-6A

35 PREDOMINANT SUBSTRATE TYPE:

- 1. Bedrock
- 2. Boulder
- 3. Cobble
- 4. Gravel
- 5. Sand
- 6. Mud
- 7. Other



36 COMMENTS: _____

ACE 9962242

ACE 7380415

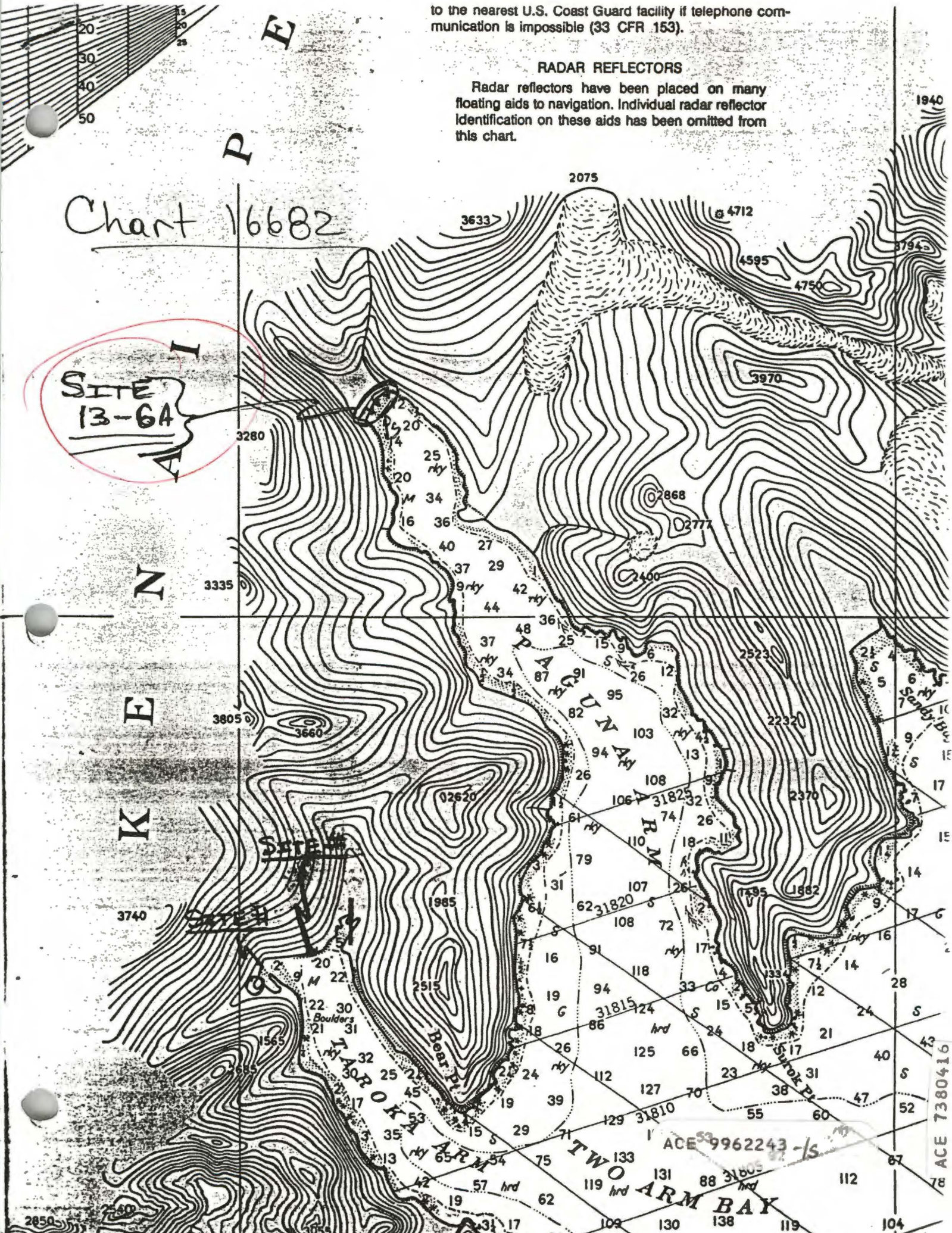
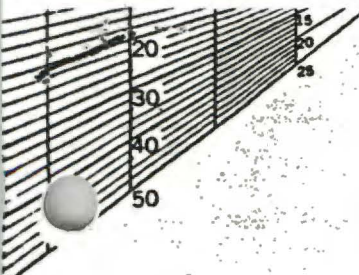
to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

Chart 16682

SITE 13-6A



P E
N I
K E

~~SITE H~~
~~SITE I~~

TWO ARM BAY
ACE 9962243 -15

ACE 7380416

1940

1981 AFCS *need 3 forms with different fish counts*
 Site 13-6A *PAGUNA Arm*

ASC NUMBER: 232-30210272 SEGMENT NUMBER: none YR CATALOGED:
 LOCATION: PAGUNA Arm 10275
 NAME:
 K-UNIT:
 QUADRANGLE: Seldovia C-1 LOCAL STREAM #:
 SHORELINE TYPE: Beach ALL SEGMENTS:
 WAVE EXPOSURE: L

SC NUMBER:
 SURVEY TYPE: AS *Aerial*
 METHOD: Helo
 DATE: 9/3/89
 START TIME: 1345
 STOP TIME: 1350
 TEAM RECORDER: Doug Hill
 OBSERVERS: Rick Randall
 AGENCY(IES): ADF46
 PHOTOS TAKEN? 4
 Roll #: 8900H0364 Frames: 9/10
 VIDEO TAKEN? N Tape Number:
 Counter Start:

AMPLES TAKEN?
 SAMPLE I.D. NUMBERS: 1. 2. 3.
 4. 5. 6.

	LENGTH m	WIDTH m	M2	%	THICK cm	PEN cm	OIL TYPE
SITE 1							N/A
SITE 2							
SITE 3							
SITE 4							
SITE 5							

OVERALL OIL IMPACT: NA
 OIL IN STREAM CHANNEL? NA
 OIL ON BEACH WITHIN 50M OF STREAM MOUTH? NA

SUBSTRATE

Bedrock	Granule
Boulder	Sand
Cobble	Silt
Pebble	Veget.

NA

	10270	10272	10275		
SPECIES	Pink	Pink	Pink		
COUNT	100	200	30		

COMMENTS: *Aerial survey - oiling not determined.*
leave out. will verify later.
 10270 - 59 41 43 / 150 7 45 / S SS SW33
 10272 - 59 41 40 / 150 7 58 / S SS SW33
 10275 - 59 41 32 / 150 8 14 / S 6S SW4

FISH HABITAT ASSESSMENT FORM

PAGUNA Arm-Head of BAY

1 REGION: 2 PWS KP, CI ~~K, AT~~ 3 OBSERVER(S) Doug Hill, Rick RANDALL

6 SITE NO. 13-6A 7 AERIAL PHOTO NO. 9,10 8 CAT NO. NC

9 STREAM NAME _____ 10 LAT 25° 41' 03" 11 LONG 150° 07' 93"

12 DATE 9/3/89 13 TIME 1345 14 TIDE: Low slack Flood High slack Ebb

15 CATALOGED ANADROMOUS STREAM? Y N 16 ANAD. FISH FOUND? Y N

17 OIL FOUND IN STREAM? Y N 18 OIL FOUND NEAR STREAM (1 MI.)? Y N

19 OIL SAMPLES TAKEN? Y N 20 ID NOS. _____

21 35 mm PICTURES TAKEN? Y N 22 ROLL NO(S). 89-DOH-036-H

23 EXPOSURE NO.	24 DESCRIPTION
<u>9,10</u>	<u>Aerial of 3 Non-cataloged Anadromous Fish Stream</u>
	<u>Aerial Survey Only - No foot Survey</u>
	<u>for presence of oil</u>

25 VIDEO FOOTAGE TAKEN? Y N 26 CASSETTE NO(S). _____

27 DESCRIPTION: _____

ACE 9962245 -145/plate

ACE 7380414

7

ANADROMOUS FISH OBSERVATIONS

		PINK	CHUM	RED	KING	COHO	DOLLY		
28	West	30							
	EAST	100							
	Center	200							
Aerial									
29	Ground								

30 COMMENTS: Aerial Fish Survey Only
No Carcasses Visible

OIL OBSERVATIONS

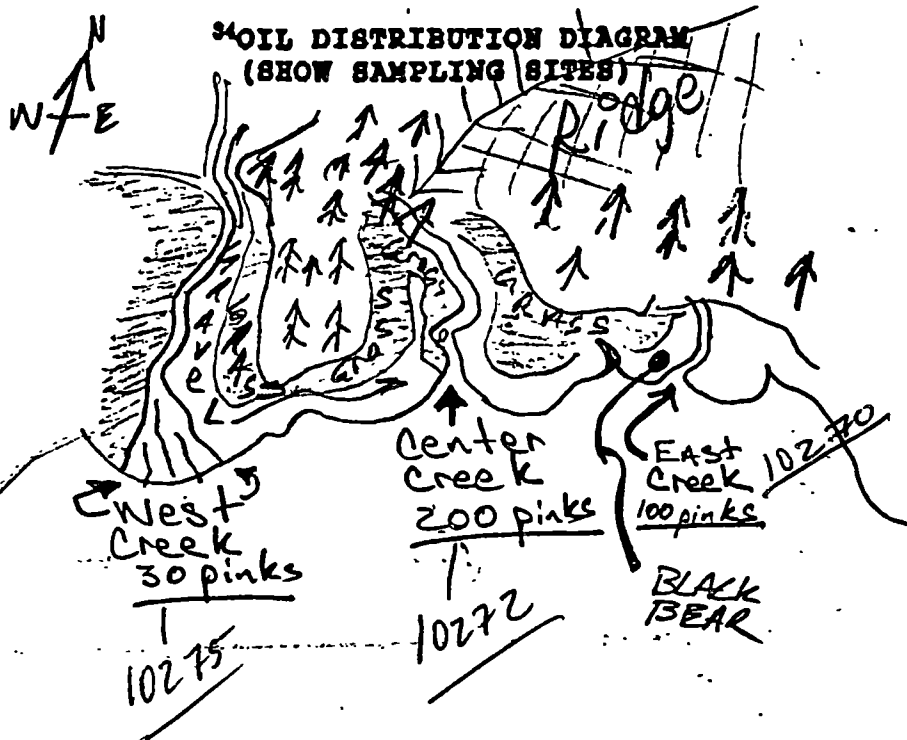
EXTENT OF OIL:

	WITHIN STREAM	OUTSIDE STREAM
31 SURFACE COVERAGE		
32 SURFACE THICKNESS		
33 PENETRATION		

Site: 13-6A

35 **PREDOMINANT SUBSTRATE TYPE:**

- 1. Bedrock
- 2. Boulder
- 3. Cobble
- 4. Gravel
- 5. Sand
- 6. Mud
- 7. Other



36 COMMENTS: _____

to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

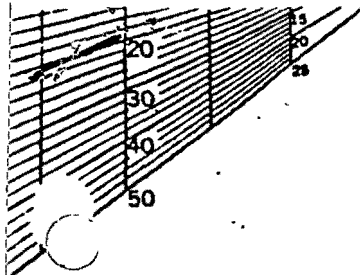
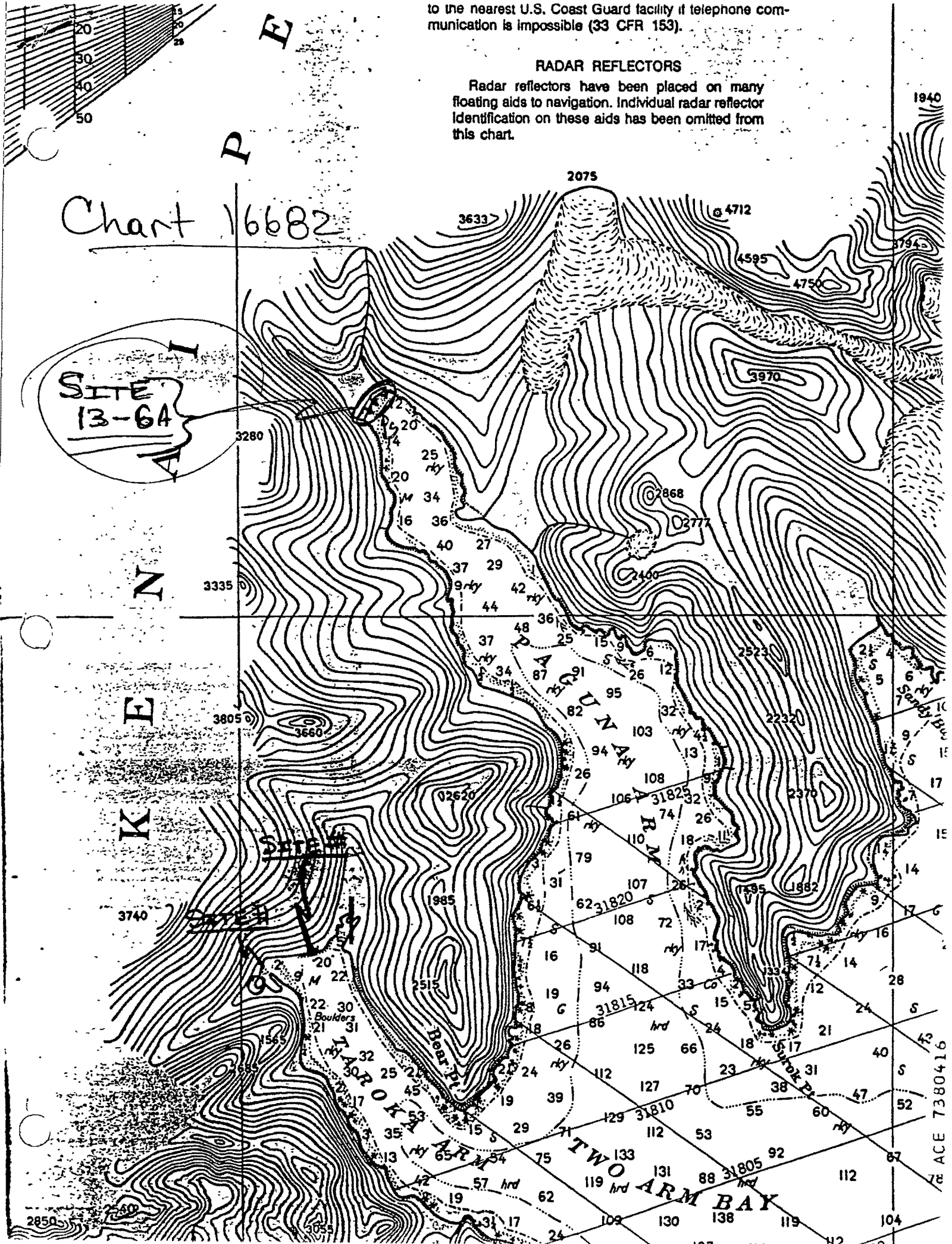
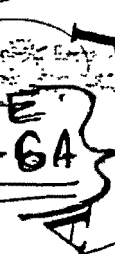


Chart 16682

1940

**SITE
13-64**



7380416