


September 23, 2003

MEMORANDUM FOR CEPOA-PM-P

SUBJECT: Review of Draft Phase I Site Assessment Report, Galankin Island Defense Site (FUDS # F10AK0440), Sitka Tribe of Alaska, Sitka, Alaska

1. A Draft Phase I Site Assessment Report, prepared by Keres Consulting, Inc., dated April 2003 was reviewed by staff of the Environmental Engineering Branch.
2. [Page 15, Conclusions] The Alaska District agrees that Galankin Island Defense Site is ineligible for NALEMP because the site is not on, adjacent to, or affecting any Alaska Native lands. The NAETS database should be updated with the conclusions presented in this report.
3. If you have any questions concerning the information in this memorandum, please contact Lisa Geist, Environmental Scientist, at (907) 753-5742 phone, (907) 753-2820 fax or Lisa.K.Geist@poa02.usace.army.mil email.

CONCUR:
 J. Walls

Geist/x5742/en-ee/review.Keres.Galankin Island Defense.doc
23 September 2003



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July 31, 2003

Ms. Suzanne Beauchamp
Program Manager, NALEMP/FUDS
P.O. Box 6898
Elmendorf AFB, AK 99506-6898

Subject: Galankin Island Defense Site, Sitka Tribe of Alaska – Draft Phase I Site Assessment Report

Dear Ms. Beauchamp:

The enclosed Draft Phase I Site Assessment Report is respectfully submitted for your review and comments. We want to ensure that we have accurately represented your organization's concerns, as well as the historical account of DoD environmental impacts and cleanup operations associated with this property, before the report is submitted to the Office of the Deputy Under Secretary of Defense (Installations and Environment).

Please review the enclosed report, and send your comments to Tia Armstrong at the following address or e-mail within 30 days after receipt of this letter.

Ms. Tia Armstrong
Crystal Gateway 2, Suite 1500
1225 Jefferson Davis Highway
Arlington, VA 22202
Phone: (703) 604-1613
e-mail: Tia.Armstrong.CTR@osd.mil

If you have any questions, please do not hesitate to call me at (703) 330-4206 or email me at bsnyder@egginc.com.

Sincerely,

Robert C. Snyder
EG&G Technical Services, Inc.
Native American Lands Environmental Mitigation Program Manager

Enclosures: Galankin Island Defense Site, Sitka Tribe of Alaska – Draft Phase I Site Assessment Report

cc: Stacey Halfmoon, ODUSD(I&E) (w/enclosure)

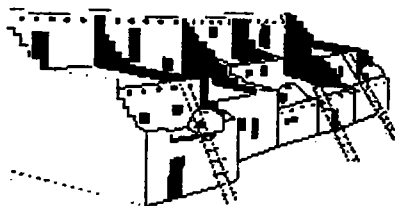
**SITKA TRIBE OF ALASKA
SITKA, ALASKA**

**GALANKIN ISLAND DEFENSE SITE
FUDS No.: F10AK044000**

**DRAFT PHASE I
SITE ASSESSMENT REPORT**

The current version is viewable on
the Native American Environmental Tracking System at
www.naets.info

PREPARED BY:



KERES CONSULTING, INC.

APRIL 2003

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- Attachment A - Newly Reported Impact Sheet
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LIST OF ACRONYMS

ADNR	Alaska Department of Natural Resources
AMHTA	Alaska Mental Health Trust Authority
ANCSA	Alaska Native Claims Settlement Act
BD/DR	Building Demolition/Debris Removal
BLM	Bureau of Land Management
BRAC	Base Realignment and Closure
BTEX	Benzene, Toluene, Ethylbenzene, and total Xylenes
CA	Cooperative Agreement
CCT&HIT	Central Council of the Tlingit and Haida Indian Tribes
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
DERP	Defense Environmental Restoration Program
DoD	Department of Defense
DOI	Department of Interior
DRO	Diesel Range Organics
EPA	Environmental Protection Agency
FDE	Findings and Determination of Eligibility
FFID	Federal Facilities Identification
FUDS	Formerly Used Defense Sites
GRO	Gasoline Range Organics
KCI	Keres Consulting, Inc.
mg/kg	milligram per kilogram
NAETS	Native American Environmental Tracking System
NALEMP	Native American Lands Environmental Mitigation Program
NDAI	No Defense Action Indicated
ODUSD(I&E)	Office of the Deputy Under Secretary of Defense (Installations and Environment)
PA	Preliminary Assessment
PAH	Polynuclear Aromatic Hydrocarbons
POC	Point of Contact
RRO	Residual Range Organic
SAR	Site Assessment Report
SPIP	Strategic Project Implementation Plan
START	Superfund Technical Assessment and Response Team
TPH	Total Petroleum Hydrocarbons
USACE	United States Army Corps of Engineers
USFS	United States Forest Service

DRAFT PHASE I SITE ASSESSMENT SUMMARY SHEET

Site Name:	Galankin Island Defense Site
Formerly Used Defense Site (FUDS) #:	F10AK044000
Federal Facility Identification (FFID) #:	AK9799F2881
Tribal Site Name and/or Alias:	None
Agency Site Name Alias:	Fort Ray was the general name given to all of the Sitka Harbor Defense Sites, Galankin Defense Site, Sitka Naval Operations Base and U.S. Army Coastal Defenses
Site Location Legal Description:	The site legal description is the islands located between 57°01'19" and 57°02'11" North Latitudes and 135°19'08" and 135°22'10" West Longitudes in Sections 10, 11, and 12; Township 56 South, Range 63 East; Copper River Meridian, Alaska.
Site Latitude/Longitude:	A central point location for the site is 57°01'45" North Latitude and 135°20'45" West Longitude near the McClellan Group Islands.

Land Information

Who is/are the landowner(s) of the reported impact?	<p>The current landowners for the site are as follows.</p> <p>On Bamdoroshni Island:</p> <ul style="list-style-type: none"> • Kerry Chambers and Mary Cuenin own half of Lot 1. • Karen A. Haley owns half of Lot 1. • Kent F. Hall and Beverly Minn own half of Lot 2. • William T. Smith owns half of Lot 2. • Mark W. and Phyllis A. Hackett own half of Lot 3. • Marlene A. Campbell owns half of Lot 3. <p>On Beardslee Island and the surrounding unnamed islands:</p> <ul style="list-style-type: none"> • Clifford and Naomi M. Taro own Lot 112. • The State of Alaska, Mental Health Trust Authority (AMHTA) owns Lots 113, 116, 117, and 118. • Curtis J. and Nancy K. Wladyka own Lot 114. • Jerry Kinsey owns Lot 115. <p>On Galankin Island and the surrounding unnamed islands:</p> <ul style="list-style-type: none"> • Ted and Nina C. Hahler own Lot 1. • Michael A. and Susan J. Litman own Lot 2. • Kitty Louise Labounty owns Lot 3. • Jeffrey Longridge owns Lot 4. • Gregory and Deborah Lessmeier own Lot 5. • Howard Pendell and Kehoe Pendell own Lot 6. • Vern Culp owns Lot 7 and a building on Lot 13. • James W. Steffen owns Lot 8 and a building on Lot 13. • Larry T. Edwards owns Lot 9. • Matthew I. and Donna Donohoe own Lot 10. • Jon R. and Kaylynn Toombs own Lot 11. • Cle D. and Myrna S. Wade own Lot 12. • Galankin Islanders, Inc., owns Lot 13. • AMHTA owns Lots 107, 110, and 111A. • Egan B. Logan III owns Lot 108. • Irene Shuler owns Lot 109. • Erwin A. Farmer owns Lot 111.
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	<p>On the Kayak Islands:</p> <ul style="list-style-type: none"> • AMHTA owns all of the Kayak Islands. <p>On the McClellan Group Islands:</p> <ul style="list-style-type: none"> • AMHTA owns Tracts C and E. • Alfred L. and Annette L. Unrein own Tract D. • Charles C. and Jan Clark own Tract F. • See Tract A under Whale Island and Tract B under Bamdoroshni Island. <p>On the Passage Islands:</p> <ul style="list-style-type: none"> • AMHTA owns all of the Passage Islands. <p>On Whale Island:</p> <ul style="list-style-type: none"> • Alaska Department of Natural Resources (ADNR) owns Lot 1. • John W. Williams owns Lot 2. • C. Noltmann and D. Lugdon own Lot 3. • AMHTA owns Lot 4. • Donald and Patricia Lehman own Lot 5. • Kent W. Barkhau and Linda Behnken own Lot 6.
Identify the name that the property owner refers to their land.	<p>AMHTA refers to its lands as Mental Health Trust lands. ADNR refers to its lands as Division of Mining, Land, and Water lands. Mr. Thomas Gamble, the new Department of Defense (DoD) Lands Investigator for the Tribe, effective June 5, 2003, reviewed enrollment records of the Sitka Tribe of Alaska and documented only one enrolled Sitka Tribal member, Mr. John Williams, Jr., as a potential Alaska Native land owner. On the list of the 31 private property owners, there is a Mr. John W. Williams on Whale Island. Mr. Williams referred to his land as a sawmill operation business property when interviewed by the Environmental Protection Agency (EPA) during the Superfund Technical Assessment and Response Team (START) site visit to Whale Island on April 1, 1999. The names that the other 30 private landowners use to refer to their lands were not requested by Keres Consulting, Inc. (KCI).</p>
State the total size of their land (acres, square miles, or square feet), total size of land at or adjacent to the site and size of the portion impacted.	<p>The Galankin Island Defense Site consists of 140 acres spread among ADNR, AMHTA, and 31 private owners land holdings.</p> <p>The State of Alaska owns approximately 90.3 million acres in Alaska. Its holdings at the site include 29.19 acres owned by AMHTA and ADNR, of which 15.53 acres are impacted. The following is the allocation of land among the islands. On Beardslee Island and surrounding unnamed islands, AMHTA owns 0.83 acres; on Galankin Island and surrounding unnamed islands, AMHTA owns 2.18 acres; on the Kayak Islands, AMHTA owns 10.03 acres, of which 5.04 acres are impacted; on the McClellan Group Islands, AMHTA owns 1.32 acres; on the Passage Islands, AMHTA owns 4.34 acres; and on Whale Island, ADNR owns 4.54 acres, all of which are reportedly impacted, and AMHTA owns 5.95 acres, of which all is reported impacted.</p> <p>The total size of each individual property owner's land and the size of their land at the site are provided below.</p> <p>On Bamdoroshni Island:</p> <ul style="list-style-type: none"> • Kerry Chambers and Mary Cuenin own 4.35 acres in the State of Alaska, of which 2.76 acres are at the site. • Karen A. Haley owns 2.76 acres in the State of Alaska, all of which are at the site.

	<ul style="list-style-type: none"> • Kent F. Hall and Beverly Minn own 2.49 acres in the State of Alaska, all of which are at the site. • William T. Smith owns 2.49 acres in the State of Alaska, all of which are at the site. • Mark W. and Phyllis A. Hackett own 2.76 acres in the State of Alaska, all of which are at the site. • Marlene A. Campbell owns 2.76 acres in the State of Alaska, all of which are at the site. <p>On Beardslee Island and the surrounding unnamed islands:</p> <ul style="list-style-type: none"> • Clifford and Naomi M. Taro own 3.67 acres in the State of Alaska, of which 1.46 acres are at the site. • Curtis J. and Nancy K. Wladyka own 2.08 acres in the State of Alaska, all of which are at the site. • Jerry Kinsey owns 3.04 acres in the State of Alaska, all of which are at the site. <p>On Galankin Island and the surrounding unnamed islands:</p> <ul style="list-style-type: none"> • Ted and Nina C. Hahler own 4.23 acres in the State of Alaska, all of which are at the site. • Michael A. and Susan J. Litman own 4.3 acres in the State of Alaska, all of which are at the site.. • Kitty Louise Labounty owns 4.3 acres in the State of Alaska, all of which are at the site. • Jeffrey Longridge owns 4.3 acres in the State of Alaska, all of which are at the site. • Gregory and Deborah Lessmeier own 4.3 acres in the State of Alaska, all of which are at the site.. • Howard Pendell and Kehoe Pendell own 4.3 acres in the State of Alaska, all of which are at the site.. • Vern Culp owns 15.2 acres in the State of Alaska, of which 8.6 acres are at the site. • James W. Steffen owns 8.6 acres in the State of Alaska, of which 8.6 acres are at the site. • Larry T. Edwards owns 4.3 acres in the State of Alaska, all of which are at the site. • Matthew I. and Donna Donohoe own 4.3 acres in the State of Alaska, all of which are at the site. • Jon R. and Kaylynn Toombs own 4.3 acres in the State of Alaska, all of which are at the site. • Cle D. and Myrna S. Wade own 4.3 acres in the State of Alaska, all of which are at the site. • Galankin Islanders, Inc., owns 4.3 acres in the State of Alaska, all of which are at the site. • Egan B. Logan III owns 0.50 acre in the State of Alaska, all of which is at the site. • Irene Shuler owns 2.5 acres in the State of Alaska, of which 0.36 acre is at the site. • Erwin A. Farmer owns 0.62 acre in the State of Alaska, all of which is at the site. <p>On the McClellan Group Islands:</p> <ul style="list-style-type: none"> • Alfred L. and Annette L. Unrein own 0.45 acre in the State of Alaska, all of which is at the site. • Charles C. and Jan Clark own 1.06 acres in the State of Alaska, all of which are at the site.
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	<p>On Whale Island:</p> <ul style="list-style-type: none"> • John W. Williams owns 5.16 acres in the State of Alaska, all of which are at the site. • C. Noltmann and D. Lugdon own 6.31 acres in the State of Alaska, all of which are at the site. • Kent W. Barkhau and Linda Behnken own 4.17 acres in the State of Alaska, all of which are at the site.. • Donald and Patricia Lehman own 5.15 acres in the State of Alaska, all of which are at the site. <p>None of the private owners are impacted except the following: On Galankin Island and the surrounding unnamed islands, Kitty Louise Labounty owns 4.3 impacted acres and on Whale Island, Kent W. Barkhau and Linda Behnken own 4.17 impacted acres.</p>
State the type of land ownership.	<p>On Bamdoroshni Island:</p> <ul style="list-style-type: none"> • Kerry Chambers and Mary Cuenin have private ownership. • Karen A. Haley has private ownership. • Kent F. Hall and Beverly Minn have private ownership. • William T. Smith has private ownership. • Mark W. and Phyllis A. Hackett have private ownership. • Marlene A. Campbell has private ownership. <p>On Beardslee Island and the surrounding unnamed islands:</p> <ul style="list-style-type: none"> • Clifford and Naomi M. Taro have private ownership. • AMHTA has State government ownership. • Curtis J. and Nancy K. Wladyka have private ownership. • Jerry Kinsey has private ownership. <p>On Galankin Island and the surrounding unnamed islands:</p> <ul style="list-style-type: none"> • Ted and Nina C. Hahler have private ownership. • Michael A. and Susan J. Litman have private ownership. • Kitty Louise Labounty has private ownership. • Jeffrey Longridge has private ownership. • Gregory and Deborah Lessmeier have private ownership. • Howard Pendell and Kehoe Pendell have private ownership. • Vern Culp has private ownership. • James W. Steffen has private ownership. • Larry T. Edwards has private ownership. • Matthew I. and Donna Donohoe have private ownership. • Jon R. and Kaylynn Toombs have private ownership. • Cle D. and Myrna S. Wade have private ownership. • Galankin Islanders, Inc., has a for-profit corporation ownership. • AMHTA has State government ownership. • Egan B. Logan III has private ownership. • Irene Shuler has private ownership. • Erwin A. Farmer has private ownership. <p>On the Kayak Islands the AMHTA has State government ownership.</p> <p>On the McClellan Group Islands:</p> <ul style="list-style-type: none"> • The AMHTA has State government ownership. • Alfred L. and Annette L. Unrein have private ownership. • Charles C. and Jan Clark have private ownership. <p>On the Passage Islands AMHTA has State government ownership.</p>

	<p>On Whale Island:</p> <ul style="list-style-type: none"> • ADNR has State government ownership. • John W. Williams has private ownership. • C. Noltmann and D. Lugdon have private ownership. • AMHTA has State government ownership. • Donald and Patricia Lehman have private ownership. • Kent W. Barkhau and Linda Behnken have private ownership.
State if the property owner's land is on or adjacent to the site. If on the site, is the land property owner impacted?	<p>All of the property owners' lands listed above are on the site. The Building Demolition/Debris Removal (BD/DR) impacts are to the documented landowners identified as follows: on the Kayak Islands, AMHTA is impacted; on Whale Island, ADNR, AMHTA, and Kent W. Barkhau and Linda Behnken are impacted; and on Galankin Island and the surrounding unnamed islands, Kitty Louise Labounty is impacted.</p>
For each land owner identified, select current land use.	<p>The current land use for the acreage owned by AMHTA is other: undeveloped land. The current land use for the acreage owned by ADNR is other: undeveloped land. The current land uses for each of the 31 private land owners are as follows:</p> <p>On Bamdoroshni Island, current land use for the following property owners is residential:</p> <ul style="list-style-type: none"> • Kerry Chambers and Mary Cuenin • Karen A. Haley • Kent F. Hall and Beverly Minn • William T. Smith • Mark W. and Phyllis A. Hackett • Marlene A. Campbell <p>On Beardslee Island and the surrounding unnamed Islands, current land use for the following property owners is residential:</p> <ul style="list-style-type: none"> • Clifford and Naomi M. Taro • Curtis J. and Nancy K. Wladyka • Jerry Kinsey <p>On Galankin Island and the surrounding unnamed islands current land use is as follows:</p> <ul style="list-style-type: none"> • Ted and Nina C. Hahler – residential • Michael A. and Susan J. Litman – other: undeveloped • Kitty Louise Labounty – residential • Jeffrey Longridge – commercial • Gregory and Deborah Lessmeier – residential • Howard Pendell and Kehoe Pendell – residential • Vern Culp – residential • James W. Steffen – other: undeveloped • Larry T. Edwards – residential • Matthew I. and Donna Donohoe – other: undeveloped • Jon R. and Kaylynn Toombs – residential • Cle D. and Myrna S. Wade – residential • Galankin Islanders, Inc. – commercial • Egan B. Logan III – residential • Irene Shuler – other: undeveloped • Erwin A. Farmer – residential <p>On the McClellan Group Islands:</p> <ul style="list-style-type: none"> • Alfred L. and Annette L. Unrein – residential • Charles C. and Jan Clark – residential

	<p>On Whale Island:</p> <ul style="list-style-type: none"> • John W. Williams – commercial • C. Noltmann and D. Lugdon – other: undeveloped • Donald and Patricia Lehman – other: undeveloped • Kent W. Barkhau and Linda Behnken – other: undeveloped
Estimated Size of Impact:	The estimated size of the BD/DR impact is 24 acres. This total includes AMHTA's and ADNR's 15.53 impacted acres, Kitty Louise Labounty's 4.3 impacted acres and Kent W. Barkhau and Linda Behnken's 4.17 impacted acres.
<p>Federally Recognized Tribe Name(s):</p> <p>Name of Tribal Point of Contact:</p> <p>Title:</p> <p>Address:</p> <p>City, State, Zip +4:</p> <p>Telephone Number:</p> <p>Facsimile Number:</p> <p>E-Mail/Web Address:</p>	<p>Sitka Tribe of Alaska</p> <p>Honorable Lawrence Widmark</p> <p>Chairman</p> <p>456 Katlian Street</p> <p>Sitka, Alaska 99835-7505</p> <p>(907) 747-3207</p> <p>(907) 747-4915</p> <p>widmarkw@mail.ssd.k12.ak.us</p>
Previous Assessment(s):	<ol style="list-style-type: none"> 1. United States Army Corps of Engineers (USACE), Findings and Determination of Eligibility (FDE) Report, dated April 4, 1989 2. USACE – Alaska District, Whale Island Memo for Record, dated March 22, 1999 3. EPA, Region 10, START, Preliminary Assessment (PA), dated May 1999
Agency Responsible:	USACE, Alaska District
<p>Agency Point of Contact Name:</p> <p>Title:</p> <p>Address:</p> <p>City, State, Zip +4:</p> <p>Telephone Number:</p> <p>Facsimile Number:</p> <p>E-Mail/Web Address:</p>	<p>Suzanne M. Beauchamp</p> <p>Program Manager, Native American Lands Environmental Mitigation Program (NALEMP)/FUDS</p> <p>P.O. Box 6898</p> <p>Elmendorf Air Force Base, Alaska 99506-6898</p> <p>(907) 753-5559</p> <p>(907) 753-5626</p> <p>suzanne.m.beauchamp@poa02.usace.army.mil</p>
Project Status:	Based on the findings of the USACE, FDE Report, dated April 4, 1989, and the USACE, Alaska District, Whale Island Memorandum for Record, dated March 22, 1999, the former Galankin Island Defense Site was assigned a No Defense Action Indicated (NDAI) designation based on the determination of no hazardous/toxic waste, ordnance, or unsafe debris. The current project status remains NDAI for the former Galankin Island Defense Site.
Types of Hazards:	Based on the investigation for this Draft Phase I Site Assessment Report (SAR), documented and visible BD/DR impacts as a result of a former DoD activity include two gun emplacements; powerhouse structure remains; four Quonset hut dilapidated structures; an empty, unmarked, rusted 55-gallon drum that is potentially DoD-related but whose relationship to DoD is unconfirmed; two wooden lookout posts; a base end station; a double searchlight control station; lead cables; and miscellaneous metal and wooden debris.
NALEMP Eligible:	No. The Galankin Island Defense Site is not NALEMP eligible. The Galankin Island Defense Site is located on State of Alaska and private lands. There are BD/DR impacts at Galankin Island Defense Site but the impacts are not on or affecting Alaska Native Lands.

A Phase II and Draft Phase III SAR Recommended:	No. A Phase II and Draft Phase III SAR are not recommended for the Galankin Island Defense Site based on the findings of the USACE FDE Report, dated April 4, 1989; the USACE Whale Island Memorandum for Record, dated March 22, 1999; the EPA, Region 10, START PA Report, dated May 1999; and the investigation for this Draft Phase I SAR.
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INTRODUCTION

This Draft Phase I Site Assessment Report (SAR) details the information evaluated during the literature and historical records search of available data for the Galankin Island Defense Site, a Formerly Used Defense Site (FUDS #F10AK044000) located beginning 1.0 mile south of the City and Borough of Sitka, Alaska. This assessment was completed to determine the eligibility of the Galankin Island Defense Site for the Native American Lands Environmental Mitigation Program (NALEMP). The information contained in this report will be used by the Office of the Deputy Under Secretary of Defense (Installations and Environment) (ODUSD(I&E)) to evaluate the necessity for further assessment, restoration, or other outreach activities to assist affected Native American communities prior to, during, and following U.S. Department of Defense (DoD) environmental restoration efforts.

This report was prepared by Keres Consulting, Inc., (KCI) for EG&G Technical Services, Inc. (EG&G). EG&G is the prime contractor to ODUSD(I&E) providing technical support under NALEMP to investigate suspected DoD impacts on Indian lands. This investigation is being completed to verify the existence of DoD impacts, determine their effect on Indian lands, report on specific impact characteristics, and make recommendations for future actions at each site. Attachments A through D provide the supporting documentation for this Draft Phase I SAR.

DISCOVERER INFORMATION

Discoverer information contains historical information from the initial reporting of the impact to the DoD. (See Attachment A – a printout of the information recorded in the Native American Environmental Tracking System (NAETS) database.

NALEMP ELIGIBILITY DETERMINATION

1. *Is the Tribe a Federally Recognized Tribe as identified in the Federal Register?*

Yes. The Sitka Tribe of Alaska is a Federally Recognized Tribe as listed in the Federal Register of July 12, 2002.

2. *Does the impact(s) exist as a result of a former DoD activity? If so, name the former DoD activity and describe the impacts and who is impacted?*

Yes. Based on the investigation for this Draft Phase I SAR, there are documented and visible Building Demolition/Debris Removal (BD/DR) impacts as a result of a former DoD activity. The former Galankin Island Defense Site served as part of the U.S. military defense for the Naval Air Station and Fort Ray at Sitka, Alaska. BD/DR impacts include two gun emplacements; powerhouse structure remains; four Quonset hut dilapidated structures; an empty, unmarked rusted 55-gallon drum that is potentially DoD related but whose relationship to DoD is unconfirmed; two wooden lookout posts; a base end station; a double searchlight control station; lead cables; and miscellaneous metal and wooden debris. The majority of the DoD activity occurred on portions of Kayak Islands, Whale Island, and Galankin Island. The State of Alaska Mental Health Trust Authority (AMHTA), the State of Alaska Department of Natural Resources (ADNR), and three private landowners are impacted.

3. *Is the former DoD activity on Native American lands? Is the former DoD activity affecting but not on Native American lands?*

No. The former Galankin Island Defense Site is not on or affecting Alaska Native lands.

4. *Does a consortium of Federally Recognized Tribes represent the Tribe? Does the Tribe represent a consortium of Federally Recognized Tribes?*

Yes. The Sitka Tribe of Alaska is represented by the Central Council of the Tlingit and Haida Indian Tribes (CCT&HIT), a consortium of Tribes that works with the DoD.

No. The Sitka Tribe of Alaska does not represent a consortium of recognized Tribes.

5. *Is the potentially impacted land held in trust by the U.S. for the benefit of any Tribe or individual, held by a Tribe or individual subject to restrictions by the United States against alienation, owned by an Alaska Native Claims Settlement Act (ANCSA) regional or village corporation, or none of the above?*

None of the above. The current landowners of the former Galankin Island Defense Site are AMHTA, ADNR, and 31 private landowners.

6. *Are there impacts associated with this site that will not be addressed by Defense Environmental Restoration Program (DERP)-FUDS or any other Government program within the next 3 years?*

Yes. There are BD/DR impacts that will not be addressed by DERP-FUDS within the next three years. The United States Army Corps of Engineers (USACE) Findings and Determination of Eligibility (FDE) Report, dated April 4, 1989, found no hazardous or toxic waste, ordnance, or unsafe debris on the former Galankin Island Defense Site as a result of the DoD use.

7. *Are the impacts the result of operations from an active installation and/or activity (i.e., active bases, over flights of military aircraft, impacts from ongoing training activities), operations from Base Realignment and Closure (BRAC) bases, past DoD activities (i.e., former facilities or operations) on and/or affecting Native American lands, or none of the above?*

None of the above. The BD/DR impacts are the result of past DoD activities at the former Galankin Island Defense Site used by the U.S. Army from January 1943 through August 1946. The site was used for U.S. military defense purposes for the Naval Air Station and Fort Ray at Sitka, Alaska. The former Galankin Island Defense Site is not on or affecting any Native American lands. It affects only State and privately owned lands.

8. *Is the site eligible, ineligible, under review, or conditional under NALEMP?*

The former Galankin Island Defense Site is ineligible under NALEMP. There are BD/DR impacts at the Galankin Island Defense Site but the impacts are not on or affecting Native American Lands. The former Galankin Island Defense Site is currently located on State of Alaska and privately owned lands. There is no impacted Federally Recognized Tribe.

ADDITIONAL COMMENTS

Ms. June Degnan, DoD Lands Investigator with the Sitka Tribe of Alaska, reported that the Galankin Island Defense Site is on traditional Native American subsistence lands that were used for the gathering of berries, greens, and fish by the Sitka Tribe of Alaska. However, the Sitka Tribe of Alaska no longer uses the site and its surroundings since it was not returned to them after DoD use.

NATIVE AMERICAN ENTITY AFFECTED

1. *Federally Recognized Name of Tribe:* Sitka Tribe of Alaska
Address: 456 Katlian Street
City, State, Zip+4 Sitka, Alaska 99835-7505
Congressional district At Large; Honorable Don Young
BIA Region: West-Central Alaska
ANCSA Region: Sealaska region
2. *Does the Tribe have any aliases or former names?*
 No. The Sitka Tribe of Alaska has no known aliases or former names.

3. If the Tribe belongs to a consortium, does the consortium work with the DoD? Provide any known details about their projects.

Yes. The Sitka Tribe of Alaska does belong to the CCT&HIT consortium, which has worked with the DoD in coordination with NALEMP through three Cooperative Agreements (CAs) (calendar years 2000, 2001, and 2002) to identify potential DoD impacts located on and adjacent to Alaska Native lands within southeastern Alaska.

4. If the Tribe participates in any other nationally known organizations, does that group work with the DoD?

The Sitka Tribe of Alaska participates in the National Congress of American Indians. The National Congress of American Indians, founded in 1944, serves as a forum for more than 250 Tribal governments to inform the public and the Federal Government on Tribal self-government, treaty rights, and a broad range of Federal policy issues affecting Tribal governments.

5. Tribal Government Information:

There are approximately 3,000 voting members in the Sitka Tribe of Alaska. The Tribe has a 9-member Tribal Council that includes a Chairman, Treasurer, and Secretary. Elections are held once each year, and the Council terms are 2-year, staggered positions.

6. Does this site affect another Federally Recognized Tribe(s)?

No. The former Galankin Island Defense Site does not affect another Federally Recognized Tribe.

LAND INFORMATION

1. Who is/are the land owner(s) of the reported impact?

The current landowners for the site are as follows:

On Bamdoroshni Island:

Kerry Chambers and Mary Cuenin own half of Lot 1.
Karen A. Haley owns half of Lot 1.
Kent F. Hall and Beverly Minn own half of Lot 2.
William T. Smith owns half of Lot 2.
Mark W. and Phyllis A. Hackett own half of Lot 3.
Marlene A. Campbell owns half of Lot 3.

On Galankin Island and the surrounding unnamed Islands:

Ted and Nina C. Hahler own Lot 1.
Michael A. and Susan J. Litman own Lot 2.
Kitty Louise Labounty owns Lot 3.
Jeffrey Longridge owns Lot 4.
Gregory and Deborah Lessmeier own Lot 5.
Howard Pendell and Kehoe Pendell own Lot 6.
Vern Culp owns Lot 7 and a building on Lot 13.
James W. Steffen owns Lot 8 and a building on Lot 13.
Larry T. Edwards owns Lot 9.
Matthew I. and Donna Donohoe own Lot 10.
Jon R. and Kaylynn Toombs own Lot 11.
Cle D. and Myrna S. Wade own Lot 12.
Galankin Islanders, Inc., owns Lot 13.
AMHTA owns Lots 107, 110, and 111A.
Egan B. Logan, III owns Lot 108.
Irene Shuler owns Lot 109.
Erwin A. Farmer owns Lot 111.

On Beardslee Island and the surrounding unnamed islands:

Clifford and Naomi M. Taro own Lot 112.
AMHTA owns Lots 113, 116, 117, and 118.
Curtis J. and Nancy K. Wladyka own Lot 114.
Jerry Kinsey owns Lot 115.

On the Kayak Islands:

AMHTA owns all of the Kayak Islands.

On the McClellan Group Islands:

AMHTA owns Tracts C and E.
Alfred L. and Annette L. Unrein own Tract D.
Charles C. and Jan Clark own Tract F.
See Tract A under Whale Island and Tract B under Bamdoroshni Island.

On the Passage Islands:

AMHTA owns all of the Passage Islands.

On Whale Island:

ADNR owns Lot 1.
John W. Williams owns Lot 2.
C. Noltmann and D. Lugdon own Lot 3.
AMHTA owns Lot 4.
Donald and Patricia Lehman own Lot 5.
Kent W. Barkhau and Linda Behnken own Lot 6.

2. Identify the name that the property owner uses to refer to the land:

AMHTA refers to its lands as Mental Health Trust lands. ADNR refers to its lands as Division of Mining, Land, and Water lands. To verify that the listed 31 owners were private property owners, KCI contacted the Sitka Tribe of Alaska Enrollment Office on June 19, 2003, and spoke with Ms. Jackie Geboe, Tribal Enrollment Officer. KCI provided Ms. Geboe the list of the 31 property owners and she said that Mr. Thomas Gamble, the new DoD Lands Investigator for the Tribe, effective June 5, 2003, would contact KCI with the results. After review of enrollment records by the Sitka Tribe of Alaska, Mr. Gamble documented only one enrolled Sitka Tribal member, Mr. John Williams, Jr. On the list of the 31 private property owners, there is a Mr. John W. Williams on Whale Island. Mr. Williams referred to his land as a sawmill operation business property when interviewed by the EPA during the Superfund Technical Assessment and Response Team (START) site visit to Whale Island on April 1, 1999. The names that the other 30 private landowners use to refer to their lands were not requested.

3. State the total size of the land (acres, square miles, or square feet), and size of the portion impacted:

The Galankin Island Defense Site consists of 140.75 acres spread amongst ADNR, AMHTA, and 31 private owners.

The State of Alaska owns approximately 90.3 million acres in Alaska, including 29.19 acres owned by AMHTA and ADNR, of which 15.53 acres are impacted. The following is the allocation of land among the islands: On Beardslee Island and surrounding unnamed islands, AMHTA owns 0.83 acre; on Galankin Island and surrounding unnamed islands, AMHTA owns 2.18 acres; on the Kayak Islands, AMHTA owns 10.03 acres, of which 5.04 acres are impacted; on the McClellan Group Islands, AMHTA owns 1.32 acres; on the Passage Islands, AMHTA owns 5.09 acres; and on Whale Island, ADNR owns 4.54 acres, all of which is reportedly impacted, and AMHTA owns 5.95 acres, all of which is reportedly impacted.

The total size of each individual property owner's land and the size of their land at the site are provided below.

On Bamdoroshni Island:

- Kerry Chambers and Mary Cuenin own 4.35 acres in the State of Alaska, of which 2.76 acres are at the site.
- Karen A. Haley owns 2.76 acres in the State of Alaska, all of which are at the site.
- Kent F. Hall and Beverly Minn own 2.49 acres in the State of Alaska, all of which are at the site.
- William T. Smith owns 2.49 acres in the State of Alaska, all of which are at the site.
- Mark W. and Phyllis A. Hackett own 2.76 acres in the State of Alaska, all of which are at the site.
- Marlene A. Campbell owns 2.76 acres in the State of Alaska, all of which are at the site.

On Beardslee Island and the surrounding unnamed islands:

- Clifford and Naomi M. Taro own 3.67 acres in the State of Alaska, of which 1.46 acres are at the site.
- Curtis J. and Nancy K. Wladyka own 2.08 acres in the State of Alaska, all of which are at the site.
- Jerry Kinsey owns 3.04 acres in the State of Alaska, all of which are at the site.

On Galankin Island and the surrounding unnamed islands:

- Ted and Nina C. Hahler own 4.23 acres in the State of Alaska, all of which are at the site.
- Michael A. and Susan J. Litman own 4.3 acres in the State of Alaska, all of which are at the site.
- Kitty Louise Labounty owns 4.3 acres in the State of Alaska, all of which are at the site.
- Jeffrey Longridge owns 4.3 acres in the State of Alaska, all of which are at the site.
- Gregory and Deborah Lessmeier own 4.3 acres in the State of Alaska, all of which are at the site.
- Howard Pendell and Kehoe Pendell own 4.3 acres in the State of Alaska, all of which are at the site.
- Vern Culp owns 15.2 acres in the State of Alaska, of which 8.6 acres are at the site.
- James W. Steffen owns 8.6 acres in the State of Alaska, all of which are at the site.
- Larry T. Edwards owns 4.3 acres in the State of Alaska, all of which are at the site.
- Matthew I. and Donna Donohoe own 4.3 acres in the State of Alaska, all of which are at the site.
- Jon R. and Kaylynn Toombs own 4.3 acres in the State of Alaska, all of which are at the site.
- Cle D. and Myrna S. Wade own 4.3 acres in the State of Alaska, all of which are at the site.
- Galankin Islanders, Inc., owns 4.3 acres in the State of Alaska, all of which are at the site.

- Egan B. Logan III owns 0.50 acre in the State of Alaska, all of which is at the site.
- Irene Shuler owns 2.5 acres in the State of Alaska, of which 0.36 acre is at the site.
- Erwin A. Farmer owns 0.62 acre in the State of Alaska, all of which is at the site.

On the McClellan Group Islands:

- Alfred L. and Annette L. Unrein own 0.45 acre in the State of Alaska, all of which is at the site.
- Charles C. and Jan Clark own 1.06 acres in the State of Alaska, all of which are at the site.

On Whale Island:

- John W. Williams owns 5.16 acres in the State of Alaska, all of which are at the site.
- C. Noltmann and D. Lugdon own 6.31 acres in the State of Alaska, all of which are at the site.
- Kent W. Barkhau and Linda Behnken own 4.17 acres in the State of Alaska, all of which are at the site.
- Donald and Patricia Lehman own 5.15 acres in the State of Alaska, all of which are at the site.

None of the private owners are impacted except the following: on Galankin Island and the surrounding unnamed Islands, Kitty Louise Labounty owns 4.3 impacted acres; and on Whale Island, Kent W. Barkhau and Linda Behnken own 4.17 impacted acres.

4. State the type of land ownership:

On Bamdoroshni Island:

- Kerry Chambers and Mary Cuenin have private ownership.
- Karen A. Haley has private ownership.
- Kent F. Hall and Beverly Minn have private ownership.
- William T. Smith has private ownership.
- Mark W. and Phyllis A. Hackett have private ownership.
- Marlene A. Campbell has private ownership.

On Beardslee Island and the surrounding unnamed islands:

- Clifford and Naomi M. Taro have private ownership.
- The AMHTA has State government ownership.
- Curtis J. and Nancy K. Wladyka have private ownership.
- Jerry Kinsey has private ownership.

On Galankin Island and the surrounding unnamed Islands:

- Ted and Nina C. Hahler have private ownership.
- Michael A. and Susan J. Litman have private ownership.
- Kitty Louise Labounty has private ownership.
- Jeffrey Longridge has private ownership.
- Gregory and Deborah Lessmeier have private ownership.
- Howard Pendell and Kehoe Pendell have private ownership.
- Vern Culp has private ownership.
- James W. Steffen has private ownership.
- Larry T. Edwards has private ownership.
- Matthew I. and Donna Donohoe have private ownership.
- Jon R. and Kaylynn Toombs have private ownership.
- Cle D. and Myrna S. Wade have private ownership.
- Galankin Islanders, Inc., has private commercial ownership.
- AMHTA has State government ownership.
- Egan B. Logan III has private ownership.
- Irene Shuler has private ownership.
- Erwin A. Farmer has private ownership.

On the Kayak Islands the AMHTA has State government ownership.

On the McClellan Group Islands:

- AMHTA has State government ownership.
- Alfred L. and Annette L. Unrein have private ownership.
- Charles C. and Jan Clark have private ownership.

On the Passage Islands the AMHTA has State government ownership.

On Whale Island:

- ADNR has State government ownership.
- John W. Williams has private ownership.
- C. Noltmann and D. Lugdon have private ownership.
- AMHTA has State government ownership.
- Donald and Patricia Lehman have private ownership.
- Kent W. Barkhau and Linda Behnken have private ownership.

5. ***State if the property owner's land is on or adjacent to the site. If on the site, is the land property owner impacted?***

All the property owners' lands listed above are on the site. The BD/DR impacts are to the documented landowners identified as follows: on the Kayak Islands, AMHTA is impacted; on Whale Island, ADNR, the AMHTA, and Kent W. Barkhau and Linda Behnken are impacted; and on Galankin Island, Kitty Louise Labounty is impacted.

6. ***For each land owner identified, select current land use:***

The current land use for the acreage owned by AMHTA is other: undeveloped. The current land use for the acreage owned by ADNR is other: undeveloped. The current land uses for each of the 31 private landowners are as follows:

On Bamdoroshni Island, current land use for the following property owners is residential:

- Kerry Chambers and Mary Cuenin
- Karen A. Haley
- Kent F. Hall and Beverly Minn
- William T. Smith
- Mark W. and Phyllis A. Hackett
- Marlene A. Campbell

On Beardslee Island and the surrounding unnamed islands, current land use for the following property owners is residential:

- Clifford and Naomi M. Taro
- Curtis J. and Nancy K. Wladyka
- Jerry Kinsey

On Galankin Island and the surrounding unnamed islands, current land use is as follows:

- Ted and Nina C. Hahler – residential
- Michael A. and Susan J. Litman – other: undeveloped
- Kitty Louise Labounty – residential
- Jeffrey Longridge – commercial
- Gregory and Deborah Lessmeier – residential
- Howard Pendell and Kehoe Pendell – residential
- Vern Culp – residential
- James W. Steffen – other: undeveloped
- Larry T. Edwards – residential
- Matthew I. and Donna Donohoe – other: undeveloped
- Jon R. and Kaylynn Toombs – residential

- Cle D. and Myrna S. Wade – residential
- Galankin Islanders, Inc. – commercial
- Egan B. Logan, III – residential
- Irene Shuler – other: undeveloped
- Erwin A. Farmer – is residential

On the McClellan Group Islands, land use for the following property owners is residential:

- Alfred L. and Annette L. Unrein
- Charles C. and Jan Clark

On Whale Island, current land use is as follows:

- John W. Williams – commercial
- C. Noltmann and D. Lugdon – other: undeveloped
- Donald and Patricia Lehman – other: undeveloped
- Kent W. Barkhau and Linda Behnken – other: undeveloped

ADDITIONAL COMMENTS

None

SITE INFORMATION

1. **Name of site:**

Galankin Island Defense Site

2. **Federal Facility Identification Number (FFID):**

AK9799F2881. Note: Older documentation may use AK09799F288100.

3. **FUDS ID Number:**

F10AK044000. Note: Older documentation may use F10AK0440.

4. **EPA Superfund ID Number:**

AKSFN1002127

5. **Estimated size of impact:**

The estimated size of the BD/DR impact is 24 acres as shown in the May 1999 EPA Superfund Technical Assessment and Response Team (START) Preliminary Assessment (PA) Report. This includes AMHTA's and ADNRR's 15.53 impacted acres; Kitty Louise Labounty's 4.30 impacted acres; and Kent W. Barkhau and Linda Behnken's 4.17 impacted acres.

6. **Location:**

Sitka is located on the west coast of Baranof Island, Alaska, which fronts the Pacific Ocean. Sitka is 95 air miles southwest of Juneau, Alaska, and 185 northwest of Ketchikan, Alaska.

The Galankin Island Defense Site is located 1.0 mile south of the City and Borough of Sitka, Alaska, within the Sitka Sound. The legal description for the Galankin Island Defense Site is the islands located between 57°01'19" and 57°02'11" North Latitudes and 135°19'08" and 135°22'10" West Longitudes in Sections 10, 11, and 12; Township 56 South, Range 63 East; Copper River Meridian, Alaska. A central point location for the site is 57°01'45" North Latitude and 135°20'45" West Longitude near the McClellan Group Islands.

7. ***What was the historic land use of the site? What is the current land use of the site?***

According to Ms. Degnan, the Sitka Tribe of Alaska DoD Lands Investigator, "these lands have been historically used for subsistence gathering of berries, greens and fish by the members of the Sitka Tribe of Alaska." Now they cannot be used because the land was transferred to the U.S. Forest Service instead of relinquished to the rightful owners, the Sitka Tribe of Alaska and the Brady Family who resided there prior to DoD occupation. From 1943 to 1946, The Galankin Island Defense Site was used by the U.S. Army as part of the military defense of the Naval Air Station and Fort Ray at Sitka, Alaska. Extensive improvements were constructed on Whale Island, Kayak Islands, and on Galankin Island, including barracks, storage sheds, water towers, power plants, and lookout posts.

According to Ms. Gail Roderick, Property Clerk for the City and Borough of Sitka Assessor's Office, the current land use for the acreage owned by AMHTA is undeveloped. The current land use for the acreage owned by ADNRR is also undeveloped. The current land uses for each of the 31 private landowners are as follows:

On Bamdoroshni Island, current land use for the following property owners is residential:

- Kerry Chambers and Mary Cuenin
- Karen A. Haley
- Kent F. Hall and Beverly Minn
- William T. Smith
- Mark W. and Phyllis A. Hackett
- Marlene A. Campbell

On Beardslee Island and the surrounding unnamed islands, current land use for the following property owners is residential:

- Clifford and Naomi M. Taro
- Curtis J. and Nancy K. Wladyka
- Jerry Kinsey

On Galankin Island and the surrounding unnamed islands, current land use is as follows:

- Ted and Nina C. Hahler – residential
- Michael A. and Susan J. Litman – other: undeveloped
- Kitty Louise Labounty – residential
- Jeffrey Longridge – commercial
- Gregory and Deborah Lessmeier – residential
- Howard Pendell and Kehoe Pendell – residential
- Vern Culp – residential
- James W. Steffen – other: undeveloped
- Larry T. Edwards – residential
- Matthew I. and Donna Donohoe – other: undeveloped
- Jon R. and Kaylynn Toombs – residential
- Cle D. and Myrna S. Wade – residential
- Galankin Islanders, Inc. – commercial
- Egan B. Logan III – residential
- Irene Shuler – other: undeveloped
- Erwin A. Farmer – residential

On the McClellan Group Islands, current land use for the following property owners residential:

- Alfred L. and Annette L. Unrein
- Charles C. and Jan Clark

On Whale Island, current land use is as follows:

- John W. Williams – commercial
- C. Noltmann and D. Lugdon – other: undeveloped
- Donald and Patricia Lehman – other: undeveloped
- Kent W. Barkhau and Linda Behnken – other: undeveloped

8. Site description:

The geologic setting of the Sitka area is complex and includes basin sedimentation, volcanic eruption, igneous intrusion, metamorphism, deformation caused by folding and falling, and glaciation. Deposits of glacial drift can be found overlying the bedrock. Volcanic ash, of particles of pumice glass with fragments of basalt and andesite, lie over the glacial drift. Muskeg beds of irregularly stratified layers of moss, water plants, and wood fragments overlie the volcanic ash and shoreline deposits in many areas. Soils consist of volcanic materials or loam found under the forest canopy. The Sitka area receives more than 96 inches of rain per year so the ground is always damp or saturated.

The Galankin Island Defense Site consists of the islands located between 57°01'19" and 57°02'11" North Latitudes and 135°19'08" and 135°22'10" West Longitudes, which includes Passage Islands, Kayak Islands, Whale Island, the McClellan Group Islands, the Beardslee Islands, Galankin Island, and Bamdoroshni Island. The islands are located beginning approximately 1.0 mile south of the City and Borough of Sitka, Alaska.

The islands were formed from local volcanic eruption and deformation due to tectonic activity that occurred over hundreds of years ago. Currently these islands are heavily forested with spruce and hemlock trees and thick undergrowth beneath the tree canopy.

Based on the investigation performed for this Draft Phase I SAR, there was no documentation that identified improvements had occurred on Passage Islands, the McClellan Group Islands, Beardslee Islands, and Bamdoroshni Island. The majority of the improvements were on portions of the Kayak Islands, Whale Island, and Galankin Island. Extensive improvements included barracks, storage sheds, water towers, power plants, and lookout posts. The remnants of those improvements at the former Galankin Island Defense Site consist of the following BD/DR impacts:

On Whale Island:

1. Two 90-mm anti-motor torpedo boat gun emplacements
2. Powerhouse remains with two walls standing and an intact wooden floor
3. Four Quonset hut dilapidated structures
4. An empty, unmarked, rusted 55-gallon drum, possibly a remnant of past U.S. military operations
5. Miscellaneous metal and wooden debris

On Kayak Islands:

1. Two lookout posts on the western edge of the island
2. Wooden, unidentifiable debris near the lookout posts
3. Remains of a base end station and a double searchlight control station

On Galankin Island:

1. One Quonset hut
2. One base end station
3. One hangar

There were no dimensions provided within the referenced material. The remains of the powerhouse were not observed on Kayak Islands due to the heavy undergrowth and the absence of visible debris according to the May 1999 EPA START PA.

The July 23, 1998, USACE, Alaska District, visit to Whale Island noted discolored soil at the former fuel tank location. There was no additional information within the 1999 USACE Memorandum for Record stating whether the former fuel tank was still on location.

9. Status comment:

Based on the findings of the USACE, FDE Report, dated April 4, 1989, and the USACE Whale Island Memorandum for Record, dated March 22, 1999, the former Galankin Island Defense Site was assigned a No Defense Action Indicated (NDAI) designation based on the determination of no hazardous/toxic waste, ordnance, or unsafe debris. The current project status remains NDAI for the former Galankin Island Defense Site.

10. Site chronological ownership history:

The Galankin Island Defense Site, containing 140.75 acres, was obtained for the War Department by implied transfer from the U.S. Department of the Interior (DOI). The date of entry for the transaction was January 26, 1943. The site was used by the U.S. Army for military defense purposes at the Naval Air Station and Fort Ray located at Sitka, Alaska. The Galankin Island Defense Site was declared excess by the U.S. Army and was disposed of as follows: 96 acres were transferred to the DOI (specific agency unknown) on August 2, 1944, and the remaining 44.75 acres were transferred to the DOI, Bureau of Land Management (BLM), which accepted accountability effective August 7, 1946. The former Galankin Island Defense Site was placed within the boundary of the Tongass National Forest, under the jurisdiction of the U.S. Forest Service (USFS), subject to patents/conveyances issued for portions to AMHTA that were issued on September 20, 1996; to ADNRR that were issued on August 7, 1946; and to all private individuals that were issued on October 15, 1965.

ADDITIONAL COMMENTS

None

POINT OF CONTACT (POC) INFORMATION

1. POC Name: Thomas Gamble (effective as of June 5, 2003)
Level: Government-to-Government
Type: Tribal
Title: DoD Lands Investigator
Organization: Sitka Tribe of Alaska
Address: 456 Katlian Street
City, State, Zip+4: Sitka, Alaska 99835-7505
Telephone Number: (907) 747-3207
Facsimile Number: (907) 747-4915
Email/Web address: tgamble@sitkatribes.org

2. POC Name: Suzanne M. Beauchamp
Level: Program Manager
Type: USACE
Title: Program Manager, NALEMP/FUDS
Organization: CEPOA-PM-P
Address: P.O. Box 6898
City, State, Zip+4: Elmendorf Air Force Base, Alaska 99506-6898
Telephone Number: (907) 753-5559
Facsimile Number: (907) 753-5626
Email/Web address: suzanne.m.beauchamp@poa02.usace.army.mil

SITE ASSESSMENT INFORMATION

1. **Assessor's name:**
Keres Consulting, Inc.

2. **Planned start date:**
March 7, 2003

3. **Actual start date:**
March 7, 2003

4. **Planned complete date:**
March 31, 2003

5. **Actual complete date:**
April 30, 2003

6. **Is ordnance affecting this Tribe?**

There is no ordnance impacting the Sitka Tribe of Alaska. On April 4, 1989, the USACE, Alaska District, determined that no ordnance impacts exist at the site as a result of the DoD use.

7. **Is there a health risk affecting this Tribe?**

There is no health risk from activities occurring at the Galankin Island Defense Site affecting the Sitka Tribe of Alaska. On April 4, 1989, the USACE, Alaska District, determined there were no hazardous or toxic waste or unsafe debris on the site as a result of DoD use. In addition, according to the May 1999 EPA START PA, four surface soil samples were collected from Whale Island on April 1, 1999, in areas of suspected or potential contamination. Results for total petroleum hydrocarbons (TPH) ranged from 150 to 2,700 milligrams per kilogram (mg/kg). However, the TPH contamination is below the regulatory threshold and is not regulated by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). A site visit to Kayak Islands was performed on April 2, 1999, by the EPA START. No samples were collected on Kayak Islands by the EPA START. On July 23, 1998, the USACE, Alaska District, performed a property visit to Whale Island and collected one soil sample from a location of discolored soil at the former fuel tank. The sample was analyzed for gasoline range organics (GRO); benzene, toluene, ethylbenzene, and total xylenes (BTEX); diesel range organics (DRO); residual range organics (RRO), and polynuclear aromatic hydrocarbons (PAHs). No GRO or BTEX were reported. Concentrations of DRO, RRO, and PAHs were below the applicable action levels (USACE, Whale Island Memorandum for Record, March 22, 1999).

8. **Is there BD/DR affecting this Tribe?**

There is no BD/DR affecting the Sitka Tribe of Alaska. As part of the investigation for this Draft Phase I SAR, KCI has documented that there is BD/DR remaining on the site. However, the BD/DR affects only the State of Alaska and private land owners.

Lifeways Issues

9. **Is there past contamination of or impacts to subsistence items caused by impacts at this site?**

No. The Sitka Tribe of Alaska did not report past contamination of or impacts to subsistence items being affected at this site. Based on the investigation for this Draft Phase I SAR, there is no suspected past contamination of or impacts to subsistence items.

10. *Is Native American preparation and use of foods and medicines being affected by this site?*

No. The Sitka Tribe of Alaska did not report any Native American preparation and use of foods and medicines being affected at this site. Based on the investigation for Draft Phase I SAR, there is no suspected or known effect on Native American preparation and use of food or medicines.

11. *Is Tribe/Village access to subsistence and lifeways resources being affected by this site?*

No. While there are limitations or elimination of access to subsistence and lifeways resources, these are not due to environmental impacts resulting from DoD use of the former Galankin Island Defense Site. According to Ms. June Degnan, the Sitka Tribe of Alaska DoD Lands Investigator, "these lands have been historically used for subsistence gathering of berries, greens and fish by the members of the Sitka Tribe of Alaska." Now they cannot be used because the land was transferred to the USFS instead of relinquished to the rightful owners, the Sitka Tribe of Alaska and the Brady Family who resided there prior to DoD occupation.

Cultural Issues

12. *Are there past contaminations of or impacts to cultural, ceremonial, religious and/or sacred sites?*

No. The Tribe did not report any past contamination of or impacts to cultural, ceremonial, religious and/or sacred sites. Based on the investigation for this Draft Phase I SAR, there is no suspected past contamination of or impacts to cultural, ceremonial, religious and/or sacred sites.

13. *Is Tribe/Village access to cultural, ceremonial, religious, and/or sacred sites being affected by this site?*

Yes. The Tribe did not report any specific limitations or elimination of access to cultural, ceremonial, religious and/or sacred sites. However, based on the investigation for this Draft Phase I SAR, there are limitations or elimination of access to potential undisclosed cultural, ceremonial, religious and/or sacred sites due to the fact that the land was not returned to the Tribe.

Economic Considerations

14. *Are there development opportunities impacted by this site?*

No. Based on the investigation for this Draft Phase I SAR, there is no impacted Federally Recognized Tribe. Thus, there are no Tribal development opportunities affected by this site.

15. *Is Tribe/Village access to commercially used natural resources being affected by this site?*

No. The Sitka Tribe of Alaska did not report any impacts to accessing commercially used natural resources. Based on the investigation for this Draft Phase I SAR, there are no limitations to commercially used natural resources.

16. *Is Tribe/Village ability to obtain other financial resources being affected by this site?*

No. Based on the investigation for this Draft Phase I SAR, there is no impacted Federally Recognized Tribe. Thus, Tribal ability to obtain financial resources has not been affected by this site.

Programmatic Considerations

17. *Are there mobilization factors involved in addressing this site?*

No. Based on the investigation for this Draft Phase I SAR, there are no mobilization factors identified at this site.

18. Are there leveraging opportunities available at this site?

No. Based on the investigation for this Draft Phase I SAR, there are no leveraging opportunities identified at this site.

19. Are there proactive factors to be considered concerning potential impacts at this site?

No. Based on the investigation for this Draft Phase I SAR, there are no proactive factors to be considered for this site.

20. Is there program continuity occurring with this Tribe/Village?

Yes. The Sitka Tribe of Alaska was getting technical assistance from the CCT&HIT during calendar years 2000, 2001, and 2002 through three separate CAs. Under these CAs, the CCT&HIT, in cooperation with the Sitka Tribe of Alaska, completed inventories of DoD military impacts throughout southeastern Alaska.

Under its FY02 CA, the Sitka Tribe of Alaska was to investigate subterranean cables within the Sitka Sound area. Mr. Thomas Gamble, DoD Lands Investigator, verified that the Tribe was investigating these subterranean cables within the Sitka Sound area. These cables are not discussed further in this Draft Phase I SAR. In addition, the Sitka Tribe of Alaska was tasked to develop a Strategic Project Implementation Plan (SPIP) under its CA.

Government-to-Government Considerations**21. Are there Tribal government concerns regarding this site?**

No. The Sitka Tribe of Alaska did not report any Tribal government concerns regarding this site.

22. Are there any Congressional concerns regarding this site?

No. The Sitka Tribe of Alaska did not report any Congressional concerns.

ADDITIONAL COMMENTS

Ms. Degnan, former Sitka Tribe of Alaska POC, e-mailed KCI with Tribal comments on the former Galankin Island Defense Site. On March 5, 2003, Ms. Degnan noted concerns about "World War II lead cables used for military communication" that are currently under investigation by the Sitka Tribe of Alaska through a CA under NALEMP. On March 21, 2003, Ms. Degnan wrote about the return of the former DoD site to the Sitka Tribe of Alaska and Bill and Isabella Brady, not listed as current property owners on the site.

CONCLUSIONS AND RECOMMENDATIONS

KCI concludes that the Galankin Island Defense Site is not NALEMP eligible based on the following findings of fact:

- The Sitka Tribe of Alaska is a Federally Recognized Tribe listed in the Federal Register of July 12, 2002.
- There are documented DoD BD/DR impacts at the Galankin Island Defense Site.
- The Galankin Island Defense Site is not on, adjacent to, or affecting any Alaska Native lands.

KCI recommends no Phase II or Draft Phase III SAR be performed under NALEMP. This recommendation is based on KCI's concurrence with the findings of the USACE FDE report dated April 4, 1989; the Whale Island Memorandum for Record dated March 22, 1999; the EPA PA dated May 1999; and the investigation conducted for this Draft Phase I SAR.

COMMUNICATIONS, CORRESPONDENCE AND REFERENCES

COMMUNICATIONS:

1. Ms. June Degnan, former DoD Lands Investigator, Sitka Tribe of Alaska, (907) 747-3207, February - March 2003
2. Mr. Thomas Gamble, current DoD Lands Investigator (effective June 5, 2003), Sitka Tribe of Alaska, (907) 747-3207, June 19, 2003
3. Ms. Jackie Geboe, Enrollment Officer, Sitka Tribe of Alaska, (907) 747-3207, June 19, 2003
4. Ms. Jennifer Lockwood, Records Intern, ADNR – Division of Mining, Land, and Water; (907) 465 3511, June 19, 2003
5. Ms. Gail Roderick, Property Clerk, City and Borough of Sitka, Assessor's Office, (907) 747-1822, April 7, 2003 and June 18, 2003
6. Ms. Sandy Russell, Developed Recreation and Public Information Officer, USFS – Sitka Ranger District, (907) 747-4216, February - March 2003

CORRESPONDENCE:

Facsimile from KCI to the Sitka Tribe of Alaska Enrollment Department requesting verification of potentially enrolled Tribal members (31 private property owners listed for the Galankin Island Defense Site), Attention: Ms. Jackie Geboe, Enrollment Officer, June 19, 2003

REFERENCES:

1. USACE, Alaska District, Defense Environmental Restoration Program: FDE Report, prepared by OceanTech, "Galankin Island Defense Site, Sitka, Alaska," April 4, 1989
2. USACE, Alaska District, FUDS Geographic Locator; Galankin Island Defense Site; May 29, 2003
3. USACE, Alaska District, Memorandum for Commander from Pat M. Stephens, IV, Commanding Brigadier General, RE: DERP; Approval of Negative Inventory Reports, undated
4. USACE, Alaska District, Whale Island: Memorandum for Record, Heather D. Gillihan, Engineer Manager, USACE, Alaska District, March 22, 1999
5. EPA Region 10, Galankin Island Defense Site Preliminary Assessment Report, Sitka, Alaska, prepared by Ecology and Environment, Region 10 START, May 1999
6. <http://alaska.ckwinform.net/photos/sitka/kayak.html> Kayak Island, accessed February 4, 2003

MAPS AND PHOTOGRAPHS

(See Attachment D)

Maps:

1. Topozone, Sitka A-4 SW Quad Map, showing outline of Galankin Island Defense Site, accessed May 29, 2003
2. EPA, Region 10, "Galankin Island Defense Site PA Report, Sitka, Alaska," prepared by Ecology and Environment for the EPA, Region 10 START, May 1999. The following are maps contained within this report: Site Vicinity Map, Site Location Map, Improvements Location Map, Lot Location Map, Sample Location Map, 4-mile Map, and a 15-Mile Map.
3. State of Alaska, Department of Natural Resources, Land Records.info for "U.S. Survey 3926 (3 pages); U.S. Survey 3279 (1 page); U.S. Survey 3556 (1 page); Land Estates for Sections 10, 11, and 12, Township 56 South, Range 63 East," all in the Copper River Meridian, Alaska. www.dnr.state.ak.us/cgi-bin/Iris/landrecords

Photographs:

EPA, Region 10, "Galankin Island Defense Site PA Report, Sitka, Alaska," prepared by Ecology and Environment for the EPA, Region 10 START, May 1999. There are 12 photographs contained within this report.

Discoverer Information

The Newly Reported Impact Sheet is located in Attachment A.

ATTACHMENT A

NEWLY REPORTED IMPACT SHEET



DoD Native American Environmental Tracking System

-> -> VIEW POTENTIAL IMPACT INFORMATION
 TRIBE: Sitka Tribe of Alaska

View Reported Potential Impact Information

Data Entered By:	
Source of Information:	EA of DoD Activities on Native Resources and Lands In SE AK: CCTHITA
Tribe:	Sitka Tribe of Alaska
Land:	Sheet Ka
Site:	Galankin Island Defense Site
Discoverer's First Name:	Anna
Discoverer's Last Name:	Erbeck
Title:	Environmental Technician
Address:	320 W. Willoughby Ave.
	Suite 300
City:	Juneau
State:	Alaska
Zip Code:	
Phone:	(907)-586-1432
Organization:	Central Council of Tlingit & Haida
Estimated Impact From (Year):	01/01/1942
Estimated Impact To (Year):	03/07/2002
Reported Impact Location:	T56S, R63E, Section 11, 12
Reported Impact Description:	Potential Impacts to Land and Subsistence resources.
Is this a Formerly Used Defense Site(FUDS)?	No
DoD Organization Responsible:	Department of Defense
Reason that the Impact is believed to be DoD responsibility:	FUDS Site Number: F10AK0440
Comments:	EA was developed utilizing literature resources.
Restricted from public access?	No

[Back](#)

Comments on this page

None Available

ATTACHMENT B

GOVERNMENT-TO-GOVERNMENT INTRODUCTION LETTER



OFFICE OF THE UNDER SECRETARY OF DEFENSE

3000 DEFENSE PENTAGON
WASHINGTON, DC 20301-3000

25 NOV 2002

Honorable Lawrence A. Widmark
Chairman, Sitka Tribe of Alaska
456 Katlian Street
Sitka, Alaska 99835-7505

Dear Chairman Widmark:

The Department of Defense (DoD) is making a special effort to learn more about possible environmental impacts to tribal lands attributable to past DoD activities. Based on information either reported by your tribal government or contained in our files, there may be sites affected by past DoD activities present in the vicinity of the Sitka Tribe of Alaska. If acceptable, we would like to discuss with you the information we have about these sites. Our goal is to gather pertinent information required to determine if further action is appropriate.

A representative from our contractor, Keres Consulting Inc., will soon contact you regarding this matter in an effort to address the following DoD impacts:

- F10AK0595 - Sitka ACS Housing Site
- F10AK0509 - Sitka ACS Radio Relay Site
- F10AK0151 - Long Island Defense Site
- F10AK0350 - Fort Rosseau
- F10AK0353 - Fort Babcock
- F10AK0060 - Beaver Point Defense Site
- F10AK0440 - Galankin Island Defense Site
- F10AK0428 - Cape Edgecumbe Fire Control Station
- Sitka Radio Station

Thank you for your cooperation in this effort. If you have any questions or require further information, please contact Ms. Stacey Halfmoon, our Tribal Liaison at (703) 604-1926. She will gladly answer any questions you may have.

Sincerely,

John Paul Woodley, Jr.
Assistant Deputy Under Secretary
of Defense (Environment)

cc: USACE Alaska District



ATTACHMENT C
COMMUNICATIONS

KERES CONSULTING, INC. COMMUNICATION LOG SHEET	
Site(s) Names:	Galankin Island Defense Site
Person Contacted:	June Degnan
Title:	DoD Lands Investigator
Affiliation:	Sitka Tribe of Alaska
Organization:	Sitka DoD Lands Investigation Department
Date:	Various dates in February and March 2003
Telephone Number:	(907) 747-3207
Contacted By:	Tim Chavez and Crystal Shaw
Reason for Contact:	To inquire about potential FUDS impacts to the Sitka Tribe of Alaska

Summary of Contact:

February 4, 2003

Mr. Chavez spoke with Ms. Degnan who informed KCI that she is new to her position as the DoD Land Investigator. Ms. Degnan requested the Introduction Letter be faxed to her office so she can prepare for answers to the questions on the Draft Phase I Site Assessment Reports. Ms. Degnan requested Mr. Chavez call back in two weeks.

February 18, 2003

Mr. Chavez spoke with Ms. Degnan who stated that she was unprepared to answer any questions pertaining to the sites listed on the 2002 Introduction Letter to Chairman Widmark. Ms. Degnan also stated that she needs to get with the Sitka Tribe of Alaska Land Committee to consult with before any comments can be performed by her authority.

March 5, 2003

Ms. Degnan emailed Tim Chavez with comments on the Galankin Island Defense Site. Ms. Degnan wrote: "These islands and the surrounding waters contain WWII Lead Cable (submarine and subterranean) which is under investigation by the Sitka Tribe of Alaska. Land taken from tribal members for military purposes with a promise to return remains unfulfilled. A takings by the military from the family of Bill and Isabella Brady still needs to be addressed. It was land they used to sustain their lives."

March 14, 2003

Ms. Shaw called Ms. Degnan. She is out of town and will not be back until Wednesday March 19.

March 19, 2003

Ms. Shaw called Ms. Degnan. She is out of town and will return to the office tomorrow March 20.

March 20, 2003

Ms. Shaw called Ms. Degnan. Ms. Shaw requested further information about past and present tribal land use and concerns regarding the sites she previously gave information about. Ms. Degnan said that all the land has cultural significance and in the past all were traditional subsistence lands for the Sitka Tribe of Alaska. She said she would also look at the sites again and try to give more detailed information about the sites.

March 21, 2003

Ms. Degnan emailed Tim Chavez with updated comments on the Galankin Island Defense Site. Ms. Degnan wrote: "These lands have been historically used for subsistence gathering of berries, greens and fish by the members of the Sitka Tribe of Alaska. Now they cannot be used because the land was transferred to the U.S. Forest Service instead of relinquished to the rightful owners, the Sitka Tribe of Alaska and the Brady Family who resided there prior to DoD occupation. It appears to me after researching the history of these lands, that once the land got into the hands of the military, they presumed it was theirs and forgot who reluctantly allowed them temporary use for defense purposes. To the people of the Sitka Tribe of Alaska allowing military use of the land was a supreme sacrifice. They were forgoing their sacred use for a stated time, a time to stand with their nation, the USA and allow use of their land for purposes other than subsistence. It was done in good faith, and that good faith was not returned by the USA. Another documentation of broken promises."

KERES CONSULTING, INC. COMMUNICATION LOG SHEET	
Site(s) Names:	Galankin Island Defense Site
Person Contacted:	Thomas Gamble
Title:	DoD Lands Investigator
Affiliation:	Sitka Tribe of Alaska
Organization:	Sitka DoD Lands Investigation Department
Date:	June 18, and 19, 2003
Telephone Number:	(907) 747-3207
Contacted By:	Tim Chavez
Reason for Contact:	To inquire about available information regarding Alaska Native property ownership.

Summary of Contact:

June 18, 2003

Call and left a voice mail for Mr. Gamble to return call. End of conversation.

June 19, 2003

Mr. Gamble returned call and spoke with Mr. Chavez. Mr. Gamble mentioned that he started two weeks ago for the position of DoD Lands Investigator. Mr. Gamble said that he was ready to continue the investigation process for NALEMP. Mr. Chavez inquired about the current CA that the Sitka Tribe of Alaska has in place for calendar year 2003. Mr. Gamble stated that local divers were hired to videotape the subterranean cables. This activity was recently completed. In addition, the CA also tasks the Tribe to develop a SPIP. That task for developing the SPIP is currently ongoing. Mr. Chavez informed Mr. Gamble that a facsimile was sent to Ms. Jackie Geboe minutes earlier before he called. This formal request was to verify if any of the thirty-one private individuals listed were enrolled at the Sitka Tribe of Alaska. Mr. Gamble stated that he would get back with me later in the day to provide a response to KCI's request. After review of enrollment records by the Sitka Tribe of Alaska, Mr. Gamble contacted KCI and documented an enrolled Sitka Tribal member by the name of Mr. John Williams Jr. On the list of the thirty-one private property owners for the site, there is a Mr. John W. Williams on Whale Island. There was no additional information, other than the birthdate of the individual. In closing, Mr. Gamble appreciated calling his office and looked forward to a positive working relationship under NALEMP. End of conversation.

KERES CONSULTING, INC. COMMUNICATION LOG SHEET	
Site(s) Names:	Galankin Island Defense Site
Person Contacted:	Jackie Geboe
Title:	Enrollment Officer
Affiliation:	Sitka Tribe of Alaska
Organization:	Enrollment Office
Date:	June 19, 2003
Telephone Number:	(907) 747-3207
Contacted By:	Tim Chavez
Reason for Contact:	To inquire about verification of potential private property owners enrolled with the Sitka Tribe of Alaska.

Summary of Contact:

June 19, 2003

Called and spoke with Ms. Geboe. KCI informed Ms. Geboe about the NALEMP program and recent contacts with Ms. June Degnan for this site and others KCI is currently investigating under NALEMP. As a formality, Ms. Geboe requested that a facsimile be sent to her to begin the verification process. KCI provided Ms. Geboe the list of the thirty-one property owners, and she said that Mr. Thomas Gamble, the new DoD Lands Investigator for the Tribe would contact KCI with the results. The following is the facsimile correspondence:

4173 Montgomery Blvd, NE, Suite A
 Albuquerque, NM 87109-6705
 (505) 837-2104 Ph
 (505) 837-0575 Fax
 keres@qwest.net

**KERES
CONSULTING INC.**

Fax

To: Jackie Geboe**From:** Timothy J. Chavez**Fax:** 907-747-4915**Pages:** 1**Phone:** 907-747-3207**Date:** 7/28/2003

Re: Verification of enrolled Sitka Tribe of
 Alaska Tribal members

CC:☒ **Urgent**☐ **For Review**☐ **Please Comment**☐ **Please Reply**☐ **Please Recycle**

Good Morning Ms. Geboe:

The following is a list of landowners I am trying to verify if they are Alaska Natives enrolled with the Sitka Tribe of Alaska. The majority of property owners have Sitka addresses. Thank you for your time and cooperation with this request. My former Point of Contact assisting me at Sitka was Ms. June Degnan.

On Bamdoroshni Island:

- Kerry Chambers and Mary Cuenin own a total of 2.76 acres, of which 2.76 acres are at the site;
- Karen A. Haley owns a total of 2.76 acres, of which 2.76 acres are at the site;
- Kent F. Hall and Beverly Minn own a total of 2.49 acres, of which 2.49 acres are at the site;
- William T. Smith owns a total of 2.49 acres, of which 2.49 acres are at the site;
- Mark W. and Phyllis A. Hackett own a total of 2.76 acres, of which 2.76 acres are at the site; and
- Marlene A. Campbell owns a total of 2.76 acres, of which 2.76 acres are at the site.

On Beardslee Island and the surrounding unnamed islands:

- Clifford and Naomi M. Taro own a total of 1.46 acres, of which 1.46 acres are at the site;
- Curtis J. and Nancy K. Wladyka own a total of 2.08 acres, of which 2.08 acres are at the site; and
- Jerry Kinsey owns a total of 3.04 acres, of which 3.04 acres are at the site.

On Galankin Island and the surrounding unnamed islands:

- Ted and Nina C. Hahler own a total of 4.23 acres, of which 4.23 acres are at the site;
- Michael A. and Susan J. Litman own a total of 4.3 acres, of which 4.3 acres are at the site;
- Kitty Louise Labounty owns a total of 4.3 acres, of which 4.3 acres are at the site;
- Jeffrey Longridge owns a total of 4.3 acres, of which 4.3 acres are at the site;
- Gregory and Deborah Lessmeier own a total of 4.3 acres, of which 4.3 acres are at the site;
- Howard Pendell and Kehoe Pendell own a total of 4.3 acres, of which 4.3 acres are at the site;
- Vern Culp owns a total of 8.6 acres, of which 8.6 acres are at the site;
- James W. Steffen owns a total of 8.6 acres, of which 8.6 acres are at the site;
- Larry T. Edwards owns a total of 4.3 acres, of which 4.3 acres are at the site;
- Matthew I. and Donna Donohoe own a total of 4.3 acres, of which 4.3 acres are at the site;
- Jon R. and Kaylynn Toombs own a total of 4.3 acres, of which 4.3 acres are at the site;
- Cle D. and Myrna S. Wade own a total of 4.3 acres, of which 4.3 acres are at the site;
- Galankin Islanders Inc. owns a total of 4.3 acres, of which 4.3 acres are at the site;
- Egan B. Logan III owns a total of 0.50 acres, of which 0.50 acres are at the site;
- Irene Shuler owns a total of 0.36 acres, of which 0.36 acres are at the site; and
- Erwin A. Farmer owns a total of 0.62 acres, of which 0.62 acres are at the site.

On the McClellan Group Islands:

- Alfred L. and Annette L. Unrein own a total of 0.45 acres, of which 0.45 acres are at the site; and
- Charles C. and Jan Clark own a total of 1.06 acres, of which 1.06 acres are at the site.

On Whale Island:

- John W. Williams owns a total of 5.16 acres, of which 5.16 acres are at the site;
- C. Noltmann and D. Lugdon own a total of 6.31 acres, of which 6.31 acres are at the site;
- Kent W. Barkhau and Linda Behnken own a total of 4.17 acres, of which 4.17 acres are at the site; and
- Donald and Patricia Lehman own a total of 5.15 acres, of which 5.15 acres are at the site

End of conversation.

KERES CONSULTING, INC. COMMUNICATION LOG SHEET	
Site(s) Names:	Galankin Island Defense Site
Person Contacted:	Jennifer Lockwood
Title:	Records Intern
Affiliation:	ADNR
Organization:	Division of Mining, Land, and Water
Date:	June 19, 2003
Telephone Number:	(907) 465-3511
Contacted By:	Tim Chavez
Reason for Contact:	To inquire about available ADNR information for Galankin Island Defense Site.

Summary of Contact:

June 19, 2003

Called and spoke with Ms. Lockwood. Mr. Chavez requested verification of year of conveyance for lands owned by the MHTA. The date of conveyance was September 20, 1996 for approximately 1500 acres under quitclaim deed number 8000020. For Lot 1 at Whale Island, that acreage remains under the jurisdiction of the ADNR. End of conversation.

KERES CONSULTING, INC. COMMUNICATION LOG SHEET	
Site(s) Names:	Galankin Island Defense Site
Person Contacted:	Gail Roderick
Title:	Property Clerk
Affiliation:	City & Borough of Sitka
Organization:	Assessor's office
Date:	April 7, 2003
Telephone Number:	(907) 747-1822
Contacted By:	Tim Chavez
Reason for Contact:	To inquire about available information regarding property ownership for the Galankin Island Defense Site.

Summary of Contact:

April 7, 2003

Called and spoke with Ms. Roderick. Ms. Roderick stated that the Whale Island is divided into six lots owned by six landowners; the Galankin Island is divided into thirteen separate lots owned by eleven landowners; the Bamdoroshni Island is divided into six separate lots owned by six landowners; the McClellan Group is four tracts of land owned by two private landowners and one state agency; and Ms. Roderick provided the names of two private landowners on Beardslee Islands. End of conversation.

June 18, 2003

Called and spoke with Ms. Roderick. Ms. Roderick provided the estimated total acreage each thirty-one private property owners had within their file. End of conversation.

KERES CONSULTING, INC. COMMUNICATION LOG SHEET	
Site(s) Names:	Galankin Island Defense Site
Person Contacted:	Sandy Russell
Title:	Developed Recreation and Public Information Officer
Affiliation:	USFS
Organization:	Sitka Ranger District
Date:	Various dates in February and March 2003
Telephone Number:	(907) 747-4216
Contacted By:	Crystal Shaw
Reason for Contact:	To inquire about available information regarding the Galankin Island Defense Site and various other FUDS in and around Sitka, Alaska.

Summary of Contact:

February 11, 2003

Called and left voice mail message for Ms. Russell.

February 12, 2003

Ms. Russell returned my phone call and said to email her the name and location of the site.

February 26, 2003

Wrote Ms. Russell an email message reiterating my request for information.

March 14, 2003

Called Ms. Russell regarding the requested information. Ms. Russell informed Ms. Shaw that she had passed the information on to a couple other people and had just reminded them yesterday to contact me regarding the site. She said if I had not heard anything by Friday March 21 to call her again.

March 21, 2003

Called Ms. Russell back. Ms. Russell transferred me to Pat Bowers (907) 747-4228. He said that information about the sites is scattered all around and there is not one person who has access to all of the information. He did not have information to provide about the Galankin Island Defense Site.

ATTACHMENT D

SUPPORTING SITE DOCUMENTATION



- Get a Map**
[Place name search](#)
[Decimal degrees](#)
[Deg/min/sec](#)
[UTM coords](#)

- Download Maps**
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[Specifications](#)
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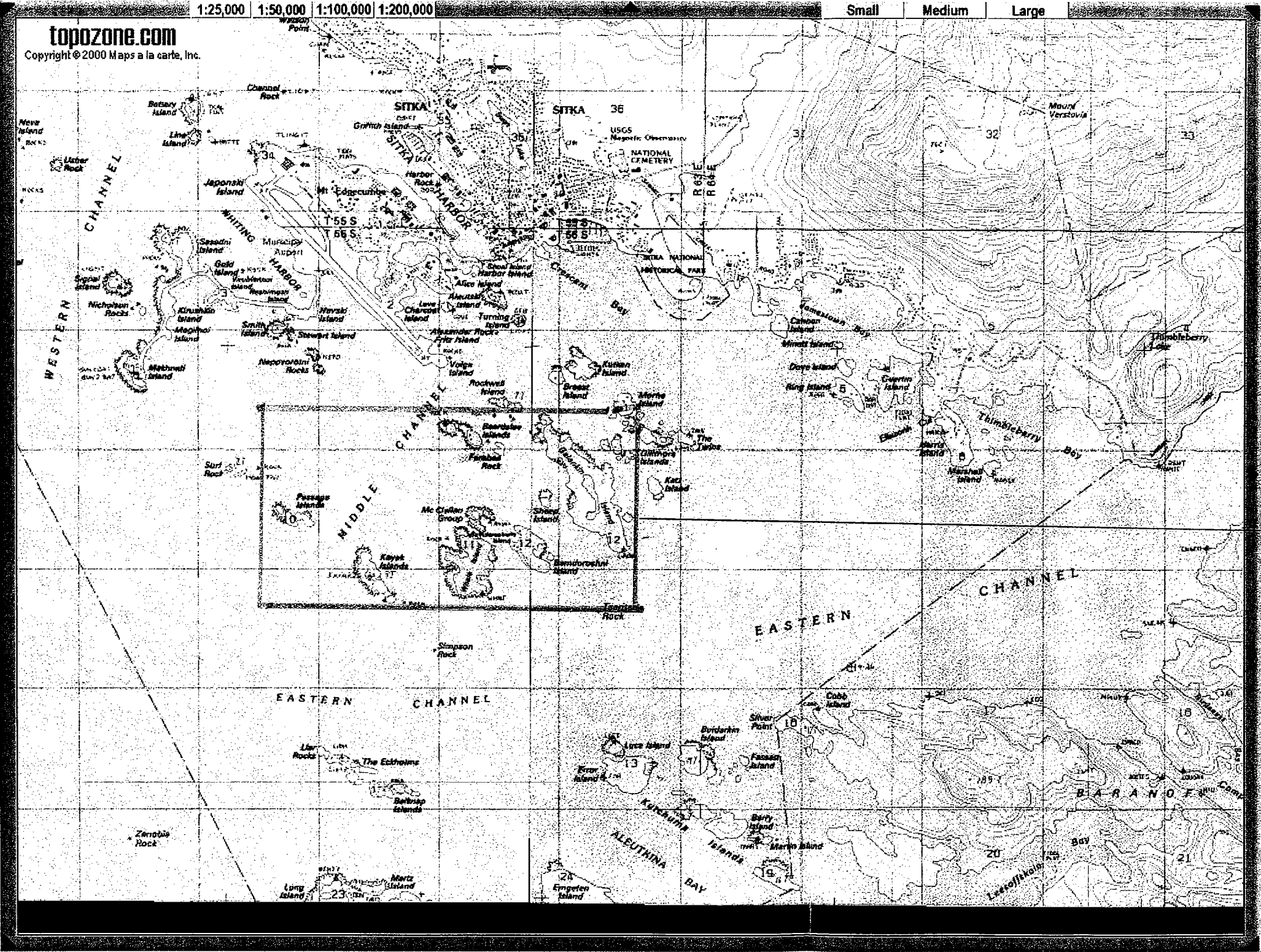
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Map center is 57° 02' 08"N, 135° 18' 42"W - **SITKA A-4 SW** quad [Quad Info]
[Click here to download a custom topographic map with TopoFactory](#)

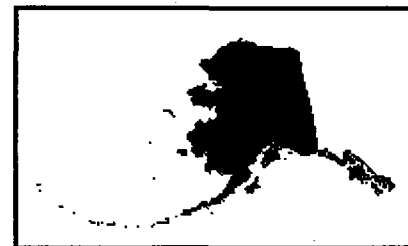


Galankin Island Defense Site

0 1000 2000 3000 4000
meters 0 1.0 2.0
miles
Coordinates (NAD27): ☐ UTM ☐ DD.DDDD ☒ D/M/S ☐ Show target symbol
[Email this map](#) [Bookmark this map](#) [Print this map](#)

GALANKIN ISLAND DEFENSE SITE

Site Number: F10AK0440
Fed. Facility ID: AK09799F288100
NPL ID: N
Hazards: N
County:
Owner: DOA

**Site Description:**

The Galankin Island Defense Site is located approx. 1.5 miles south of Sitka, in Sitka Sound, Southeast Alaska. The Site consists of the islands located between 135°19'08" & 135°22'10" West Longitudes and 57°01'19" & 57°02'11" North Latitudes (Passage, Kayak, Whale, McClellan, Beardslee, Galankin, Bamboroshni, etc.). Extensive improvements were constructed on Kayak and Whale Islands including barracks, storage, water towers, power plants, and lookout posts.

Site History:

This defense site was obtained for the War Department by implied transfer from the Dept. of the Interior, 26Jan43. The site was used by the Army as part of the defense of the Naval Air Station and Fort Ray at Sitka, with proposed installation of gun batteries, searchlights, listening posts, and other harbor defenses. The 140 acres were declared excess and disposed of as follows: 96 acres to DOI, 2Aug44; 44 acres to BLM, 7Aug46.

Remarks:

An A/E contractor, through correspondence with the various land owners in the area, could find no evidence of hazardous/toxic waste, ordnance, or unsafe debris in the former Galankin Island Defense Site.

[| View Map | More Details |](#)

This information is based on the best available data and is believed to be accurate as of the last update of this web site. However, the information is subject to change if new information becomes available. For verification of the above information or additional information on Formerly Used Defense Sites please call the Corps of Engineers FUDS team at 907-753-5781.

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EPA Home > Programs > Superfund > Sites > Superfund Information Systems > Archived Sites > Search Archived Sites > Archived Sites Search Results > GALANKIN ISLAND DEFENSE SITE

CERCLIS Database

Archived Sites

Record of Decision
System (RODS)Site Spill Identifier List
(SPIL)Superfund's Data
Element Dictionary
(DED)Order Superfund
ProductsCustomer Satisfaction
Survey**Archived Sites****GALANKIN ISLAND DEFENSE SITE****Site Information**[Actions](#) | [Aliases](#) | [Contaminants](#) | [Financials](#) | [Operable Units](#) | [Site Info](#) | [RODS](#)**Site Name:** GALANKIN ISLAND DEFENSE SITE**Street:** 1 MI SW OF SITKA
T56S R63E S11**City / State / ZIP:** SITKA, AK 99835**NPL Status:** Not on the NPL**Non-NPL Status:** PA Start Needed**EPA ID:** AKSFN1002127**EPA Region:** 10**County:** SITKA**Federal Facility Flag:** Not a Federal Facility**Archived Sites Search Results****Search Archived Sites**[OSWER Home](#) | [Superfund Home](#)

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System \(RODS\)](#)[Site Spill Identifier List
\(SPIL\)](#)[Superfund's Data
Element Dictionary
\(DED\)](#)[Order Superfund
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Survey](#)**Archived Sites****GALANKIN ISLAND DEFENSE SITE****Actions**[Actions](#) | [Aliases](#) | [Contaminants](#) | [Financials](#) | [Operable Units](#) | [Site Info](#) | [RODS](#)

OU	Action Name	Qualifier	Lead	Actual Start	Actual Completion
00	DISCOVERY		F		02/10/1999
00	PRELIMINARY ASSESSMENT	N	F	05/10/1999	05/10/1999
00	ARCHIVE SITE		EP		07/25/2000

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COLT

DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
P.O. BOX 2870
PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

CENPD-EN-TE (200-1a)

MEMORANDUM FOR Commander, Alaska District, ATTN: CENPA-EN

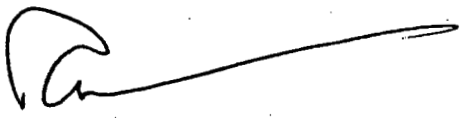
SUBJECT: Defense Environmental Restoration Program (DERP);
Approval of Negative Inventory Project Reports (IPR's)

1. The following negative IPR's have been approved (Encls 1-15, respectively):

<u>Project No.</u>	<u>Project Name</u>
F10AK000083	Clam Gulch Radio Relay Site
F10AK000440	<u>Galankin</u> Island Defense Site
F10AK000445	Ketchikan ACS Radio Relay Annex No. 2
F10AK000140	Knob Ridge Radio Relay Site
F10AK000173	Ladd Defense Area Nike Battery "Sugar"
F10AK000150	Lituya Bay Site
F10AK000154	McCallum Radio Relay Site
F10AK000182	Paxson Lake Maintenance Annex
F10AK000467	Paxson Lake Radio Relay Site
F10AK000335	Povorotni Point Defense Site
F10AK000207	Sawmill Radio Relay Site
F10AK000340	Seward Storage Annex
F10AK000483	Skagway Powder & Detonator Site
F10AK000485	Skagway Telephone Line R/W Site
F10AK000240	Tyonek ACS Communication Site

2. We are providing copies of this correspondence to higher headquarters. Copies of the notification letters which have been sent to the respective landowners are at Encls 16-57.

57 Encls


PAT M. STEVENS IV
Brigadier General, USA
Commanding

CF w/encls:
CEEC-EB
CEHND
DAEN-ZCZ-B

DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FINDINGS AND DETERMINATION OF ELIGIBILITY (FDE) REPORT

GALANKIN ISLAND DEFENSE SITE
SOUTH OF SITKA, ALASKA

PROJECT NO. F10AK000440

FINDINGS OF FACT

1. PROJECT IDENTIFICATION

Galankin Island Defense Site, consisting of several islands and containing 140 acres, is located 1 mile South of Sitka, Alaska.

2. ACQUISITION

Galankin Island Defense Site was obtained for the War Department by implied transfer from the Department of the Interior. Date of entry was 26 January 1943.

3. UTILIZATION

This site was used by the U.S. Army as part of the military defense of the Naval Air Station and Fort Ray at Sitka, with proposed installation of gun batteries, searchlights, listening posts, and other harbor defenses. Extensive improvements were constructed on Kayak Island and Whale Island, including barracks, storage sheds, water towers, power plants, and lookout posts.

4. DISPOSAL

Galankin Island Defense Site, containing 140 acres, was declared excess by the Army and was disposed of as follows: 96 acres were transferred to the Department of the Interior on 2 August 1944; 44 acres were transferred to the Department of the Interior, Bureau of Land Management (BLM), which accepted accountability effective 7 August 1946. This site is within the boundary of the Tongass national forest, under the jurisdiction of the U.S. Forest Service, subject to patents issued for portions to the State of Alaska, Department of Natural Resources (DNR).

5. EVALUATION

The A/E contractor through correspondence with the State of Alaska, DNR, David and Georgia Shaw Holden, Howard Pendell and Pat Kehoe-Pendell, Matthew I. and Donna H. Donohoe, Jeffrey Longridge, Michael A. and Susan J. Litman, Kitty Labounty, Nina C. Piper, Cory Samia, James W. Steffen and Vern Culp, D. Gle and Myrna S. Wade, Galankin Islanders, Inc., Larry T. Edwards, John a. Wetteland, J.W. and

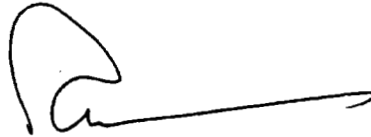
Louise T. Davis, John W. Williams, Judith Lugdon (Lowcock Estate) could find no evidence of hazardous/toxic waste, ordnance or unsafe debris.

DETERMINATION

Based on the foregoing Finding of Fact, the site has been determined to contain no hazardous/toxic waste, no ordnance and no unsafe debris. Therefore, I have determined that an environmental restoration project is not within the purview of the Defense Environmental Restoration Program (10 USC 2701, et seq.).

4/1/89

DATE



PAT M. STEVENS IV
Brigadier General, USA
Commanding



DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
P.O. BOX 2870
PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. Jeffrey Longridge
Post Office Box 3015
Sitka, Alaska 99835

Dear Mr. Longridge:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
P.O. BOX 2870
PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. and Mrs. Matthew Donohue
Post Office Box 2993
Sitka, Alaska 99835

Dear Mr. and Mrs. Donohue:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. and Mrs. Michael Litman
Post Office Box 1971
Sitka, Alaska 99835

Dear Mr. and Mrs. Litman:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

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Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
P.O. BOX 2870
PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Ms. Nina C. Piper
Post Office Box 132
Sitka, Alaska 99835

Dear Ms. Piper:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

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Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Ms. Kitty Labounty
Post Office Box 2071
Sitka, Alaska 99835

Dear Ms. Labounty:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
P.O. BOX 2870
PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. Cory Samia
Post Office Box 6592
Portland, Oregon 97228

Dear Mr. Samia:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. Vern Culp
Post Office Box 936
Sitka, Alaska 99835

Dear Mr. Culp:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. James Steffen
Post Office Box 936
Sitka, Alaska 99835

Dear Mr. Steffen:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. and Mrs. David Holden
439 Verstovia
Sitka, Alaska 99835

Dear Mr. and Mrs. Holden:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

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Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. and Mrs. Howard Pendell
Post Office Box 1615
Sitka, Alaska 99835

Dear Mr. and Mrs. Pendell:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

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Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. Gary Gustafson
Director
Land and Water Management Division
Department of Natural Resources
Post Office Box 107005
Anchorage, Alaska 99510-7005

Dear Mr. Gustafson:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

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Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY
NORTH PACIFIC DIVISION, CORPS OF ENGINEERS
P.O. BOX 2870
PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Mr. Michael Barton
Regional Director
Tongass National Forest
U.S. Forest Service
Post Office Box 21628
Juneau, Alaska 99802

Dear Mr. Barton:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

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Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

Sincerely,

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer



DEPARTMENT OF THE ARMY

NORTH PACIFIC DIVISION, CORPS OF ENGINEERS

P.O. BOX 2870

PORTLAND, OREGON 97208-2870

REPLY TO
ATTENTION OF:

April 4, 1989

Technical Engineering
Branch

SUBJECT: Galankin Island Defense Site
PN: F10AK000440

Ms. Myrna S. Wade
Post Office Box 2196
Sitka, Alaska 99835

Dear Ms. Wade:

This letter is to notify you that the Galankin Island Defense Site has been determined to be ineligible for restoration under the Defense Environmental Restoration Program for formerly-used sites. Our review indicated that this site does not contain any remnants from the Department of Defense use which would qualify for cleanup or restoration under the Defense Environmental Restoration Program.

The above determination is based on the 1984 Defense Authorization Act, the 1987 Superfund Amendment and Reauthorization Act, and other legislation authorizing the cleanup of unsafe debris and hazardous waste on lands which have been formerly-owned or used by the Department of Defense. The Defense Environmental Restoration Program was established to implement the cleanup and is being administered by the Office of the Secretary of Defense. Under the auspices of this program, the Alaska District Corps of Engineers is examining sites in Alaska which are believed to have been formerly owned or used by the Department of Defense. Based on current legislation, information from you as the landowner, and the public record, the abovementioned formal determination was made regarding the eligibility of the site for cleanup.

Should you or your staff have any questions regarding this decision, please contact Mr. Colt Denfeld of the Alaska District Project Management Branch staff at (907) 753-5664.

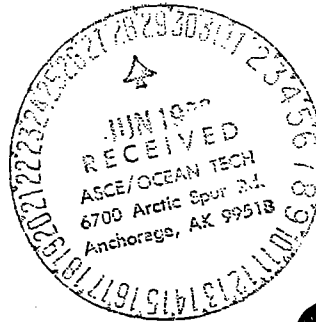
Sincerely,

A handwritten signature in black ink, appearing to be "Pat M. Stevens IV", is written over a horizontal line.

Pat M. Stevens IV
Brigadier General, U.S. Army
Division Engineer

May 18, 1988

Larry T. Edwards
Box 2158
Sitka, Alaska 99835



OceanTech

A Subsidiary of Arctic Slope Regional Corporation

Re: Galankin Island Defense Site, Project No. F10AK000440

Dear Mr. Edwards

On July 27, 1987 Ocean Technology, Ltd. was awarded a contract by the U.S. Army Corps of Engineers to inventory various Department of Defense formerly-used sites throughout Alaska. This contract is part of the Defense Environmental Restoration Program (DERP) which provides funding and guidelines for cleaning up hazardous/toxic wastes and ordnance which may have been left on-site by past DOD usage.

For each site we are to investigate, the Corps of Engineers provides us with a Real Estate Information Report (REIR) which defines DOD acquisition, usage and disposal. I have enclosed a copy of the REIR for Galankin Island Defense Site for your information.

Based on DOD records of construction and usage, the Corps of Engineers have tentatively designated Galankin Island Defense Site as a Negative Inventory Project Site; ie: no cleanup is anticipated. Our contract with the Corps of Engineers requires that we contact the present-day owners of each site, inform them of DERP and determine if they are aware of any hazardous/toxic wastes or military ordnance which may remain on-site from former DOD usage.

For any site which is reported to possibly contain hazardous/toxic wastes or military ordnance, Ocean Technology and/or the Corps of Engineers will require permission to enter to take an inventory and samples in order to make a final determination of eligibility for cleanup under DERP. You should further be aware that under DERP the Corps of Engineers can only clean up hazardous/toxic wastes and military ordnance.

On March 17, 1988 Ocean Technology, Ltd. contacted the U.S. Forest Service who are indicated on the REIR as being the Federal Manager of these islands and they informed us that they no longer have jurisdiction over those lands, furthermore, they provided us with a list of the private property owners on Galankin Island. It is through that list that we were given your name and address.

We would appreciate your comments as regards Galankin Island Defense Site as to whether it is a clean site and requires no cleanup or conversely, that the site may contain hazardous/toxic wastes and/or military ordnance which may make the site eligible for cleanup under DERP.

Listed below are two separate statements as concerns this site. Please sign whichever is appropriate, add any comments you wish, insert into the enclosed stamped, addressed envelope and mail to Ocean Tech.

OceanTech

A Subsidiary of Arctic Slope Regional Corporation

I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed _____ Date _____
By Larry T. Edwards

I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program. I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By Larry T. Edwards

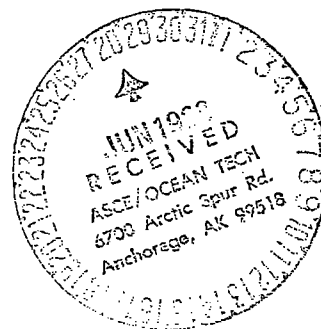
Thank you very much for your assistance in this project.

Yours very truly,

Ocean Technology, Ltd.

Edward J. Palmer

Edward J. Palmer
NIPR Manager



*I CANNOT SIGN THIS UNTIL I KNOW MORE ABOUT
THE TYPES OF MATERIALS AND NATURE OF ACTIVITIES INVOLVED
IN THE PRIOR USE.*

SINCE,
Gary Edwards 6/14/88



A Subsidiary of Arctic Slope Regional Corporation

We are not aware, at this time, of any hazardous/toxic wastes and /or military ordnance on our property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and we do not wish to participate in the Defense Environmental Restoration Program.

Signed D. Cle Wade Date May 23, 1988
By D. Cle Wade

Signed Myrna S. Wade Date 5/23/88
By Myrna S. Wade

We are aware of possibly hazardous/toxic wastes and /or military ordnance on our property which falls within Galankin Island Defense Site, Project No. F10AK000440 and we believe that this site may be eligible for participation in the Defense Environmental Restoration Program. We hereby give our permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter our property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. We further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By D. Cle Wade

Signed _____ Date _____
By Myrna S. Wade

Thank you very much for your assistance in this project.

Yours very truly,

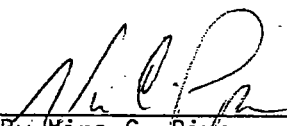
Ocean Technology, Ltd.

Edward J. Palmer
NIPR Manager



A Subsidiary of Arctic Slope Regional Corporation

I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed  Date 7-15-82
By Nina C. Piper

I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program. I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By Nina C. Piper

Thank you very much for your assistance in this project.

Yours very truly,

Ocean Technology, Ltd.



Edward J. Palmer
NIPR Manager

OceanTech

A Subsidiary of Arctic Slope Regional Corporation

I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed Kitty Labounty Date May 29, 1988
By Kitty Labounty

I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program. I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By Kitty Labounty

Thank you very much for your assistance in this project.

Yours very truly,

Ocean Technology, Ltd.



Edward J. Palmer
NIPR Manager

I am concerned about the possibility of toxic waste. I do not know how to check for the presence of such waste. There is a lake on Galankin (over

OceanTech

A Subsidiary of Arctic Slope Regional Corporation

We are not aware, at this time, of any hazardous/toxic wastes and /or military ordnance on our property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and we do not wish to participate in the Defense Environmental Restoration Program.

Signed _____ Date _____
By Michael A. Litman

Signed _____ Date _____
By Susan J. Litman

We are aware of possibly hazardous/toxic wastes and /or military ordnance on our property which falls within Galankin Island Defense Site, Project No. F10AK000440 and we believe that this site may be eligible for participation in the Defense Environmental Restoration Program. We hereby give our permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter our property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. We further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed Michael Litman Date 6-15-88
By Michael A. Litman

Signed Susan J. Litman Date 6-15-88
By Susan J. Litman

Thank you very much for your assistance in this project.

Yours very truly,

Ocean Technology, Ltd.

Edward J. Palmer

Edward J. Palmer
NIPR Manager



OceanTech

A Subsidiary of Arctic Slope Regional Corporation

We are not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on our property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and we do not wish to participate in the Defense Environmental Restoration Program.

Signed David Holden Date 27 June 88
By David Holden

Signed Georgia Shaw-Holden Date June 11 '88
By Georgia Shaw-Holden

We are aware of possibly hazardous/toxic wastes and /or military ordnance on our property which falls within Galankin Island Defense Site, Project No. F10AK000440 and we believe that this site may be eligible for participation in the Defense Environmental Restoration Program. We hereby give our permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter our property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. We further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By David Holden

Signed _____ Date _____
By Georgia Shaw-Holden

Thank you very much for your assistance in this project.

Yours very truly,

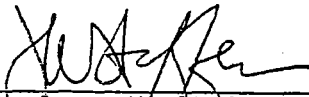
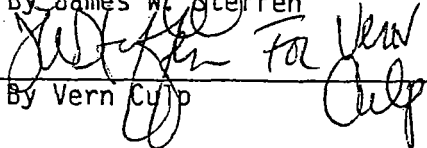
Ocean Technology, Ltd.

Edward J. Palmer

Edward J. Palmer
NIPR Manager



We are not aware, at this time, of any hazardous/toxic wastes and /or military ordnance on our property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and we do not wish to participate in the Defense Environmental Restoration Program.

Signed  Date 8-31-88
By James W. Steffen
Signed  Date 8-31-88
By Vern Culp

We are aware of possibly hazardous/toxic wastes and /or military ordnance on our property which falls within Galankin Island Defense Site, Project No. F10AK000440 and we believe that this site may be eligible for participation in the Defense Environmental Restoration Program. We hereby give our permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter our property on Galankin Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. We further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By James W. Steffen

Signed _____ Date _____
By Vern Culp

Thank you very much for your assistance in this project.

Yours very truly,

Ocean Technology, Ltd.



Edward J. Palmer
NIPR Manager

Reprinted Page

OceanTech
A Subsidiary of Arctic Slope Regional Corporation

We would appreciate your comments as regards Galankin Island Defense Site as to whether it is a clean site and requires no cleanup or conversly, that the site may contain hazardous/toxic wastes and/or military ordnance which may make the site eligible for cleanup under DERP.

Listed below are two separate statements. Please sign whichever is appropriate, add any comments you wish, insert into the enclosed stamped, addressed envelope and mail to Ocean Tech.

I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed

John W. Williams

Date

June 26, 1988

By John W. Williams

I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program.

I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Whale Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed

Date

By John W. Williams

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Listed below are two separate statements. Please sign whichever is appropriate, add any comments you wish, insert into the enclosed stamped, addressed envelope and mail to Ocean Tech.

I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed John W. Williams Date June 26, 1988
By John W. Williams

I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program. I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Whale Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____
By John W. Williams

OceanTech

A Subsidiary of Arctic Slope Regional Corporation

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Listed below are two separate statements. Please sign whichever is appropriate, add any comments you wish, insert into the enclosed stamped, addressed envelope and mail to Ocean Tech.

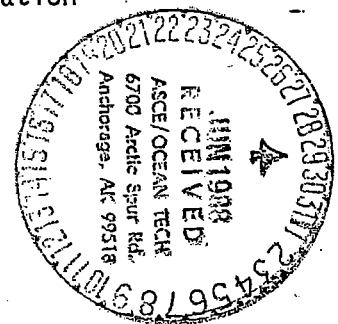
I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed *J. W. Davis* Date 6-26-88

By J. W. Davis

Signed *Louise T. Davis* Date 6-26-88

By Louise T. Davis



I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program. I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Whale Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____

By J. W. Davis

Signed *Louise T. Davis* Date _____

By Louise T. Davis

We would appreciate your comments as regards Galankin Island Defense Site as to whether it is a clean site and requires no cleanup or conversly, that the site may contain hazardous/toxic wastes and/or military ordnance which may make the site eligible for cleanup under DERP.

Listed below are two separate statements. Please sign whichever is appropriate, add any comments you wish, insert into the enclosed stamped, addressed envelope and mail to Ocean Tech.

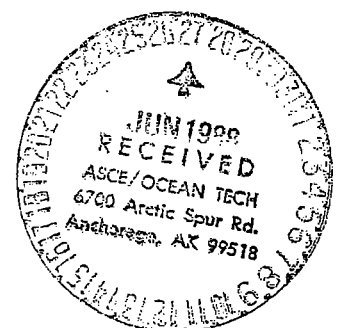
I am not aware , at this time, of any hazardous/toxic wastes and /or military ordnance on my property which falls within the Galankin Island Defense Site, Project No. F10AK000440 and I do not wish to participate in the Defense Environmental Restoration Program.

Signed John A. Wetteland Date June 22, 1988
By John A. Wetteland

I am aware of possibly hazardous/toxic wastes and /or military ordnance on my property which falls within Galankin Island Defense Site, Project No. F10AK000440 and I believe that this site may be eligible for participation in the Defense Environmental Restoration Program. I hereby give my permission for representatives of Ocean Technology, Ltd. and U.S. Army Corps of Engineers to enter my property on Whale Island, Alaska for the express purpose of performing an inventory and taking samples of possible hazardous/toxic wastes. I further understand that this inventory and sampling is necessary to enable the U.S. Army Corps of Engineers to make a final determination of eligibility for participation in the Defense Environmental Restoration Program.

Signed _____ Date _____

By John A. Wetteland



WHALE ISLAND

Memo For Record
22 March 1999

History

During World War II, two 90mm anti-motor torpedo boat (AMTB) gun emplacements were constructed on Whale Island to defend Sitka against naval attacks by the Japanese (*Narrative Report of Alaska Construction 1941-1944*, Bush, 1984). Support facilities included a powerhouse, mess hall, barracks, a storehouse, and a fuel tank. There are no available records as to when the gun emplacements and facilities were constructed or abandoned. Whale Island is located approximately 1.5 miles southwest of Sitka, Alaska, and is owned by two private owners and the State of Alaska.

Property Visit

A property visit was conducted on 23 July 1998, by an Alaska District preliminary assessment team, consisting of Colt Denfeld (Program Manager), Heather Gillihan (Engineer Manager), and Bret Walters (Chemist). Debris includes two gun emplacements (located on private land), powerhouse remains (located on State land), Quonset Hut remains, and other miscellaneous debris. One soil sample was taken at a location of discolored soil at the former fuel tank. No odor was observed, and ambient temperature photoionization detector (PID) measurements were similar to background results (0.4 ppm). The sample was analyzed for gasoline range organics (GRO); benzene, toluene, ethylbenzene and total xylenes (BTEX); diesel range organics (DRO); residual range organics (RRO); and polynuclear aromatic hydrocarbons (PAHs). No GRO or BTEX were reported. Concentrations of DRO, RRO, and PAHs were below the applicable action levels.

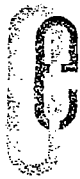
Policy Issues

The Whale Island property is included in the Galankin Island Defense Site (DERP-FUDS Property #F10AK044000), and is included in the Findings and Determination of Eligibility (FDE) for the Galankin property. Therefore, a separate INPR for Whale Island is **not** required.

Landowner Linda Behnken (907-747-3400, 403 Lincoln Street, Suite 237, Sitka, AK 99835) does desire debris cleanup, however FUDS guidance designates debris on private lands as ineligible for FUDS action.

This MFR has been placed in the Galankin Island Defense Site File, and in a Historical File created for Whale Island. All backup information (including the chemical data report) has been placed in the Whale Island Historical File.


HEATHER D. GILLIHAN
Engineer Manager



ecology and environment

International Specialists in the Environment

1500 First Interstate Center, 999 Third Avenue
Seattle, Washington 98104
Tel: (206) 624-9537, Fax: (206) 621-9832

May 7, 1999

Mr. Mark Ader
Task Monitor
United States Environmental Protection Agency
1200 Sixth Avenue, Mail Stop ECL-115
Seattle, WA 98101

Re: Contract No. 68-W6-0008, Technical Direction Document No. 98-07-0021;
Galankin Island Defense (GID) Site Preliminary Assessment (PA)

Dear Mark:

Enclosed please find the PA Report completed for the GID Site located at Whale Island and Kayak Island near Sitka, Alaska. Results of the PA indicate the surface water pathway to be the pathway of greatest potential impact to receptors.

If you have any questions regarding this PA, please contact me at (206) 624-9537.

Sincerely,

Linda Foster
START Project Leader

Enclosure

cc: Gary Sink, START Project Officer, EPA, Region 10, Seattle, WA (letter only)
David Byers, START Program Manager, E & E, Seattle, WA (letter only)
Ben Martich, START Project Manager, E & E, Anchorage, AK

**Galankin Island Defense Site
Preliminary Assessment Report
Sitka, Alaska
TDD: 98-07-0021**

Contract: 68-W6-0008
May 1999

Region 10
START

Superfund Technical Assessment and Response Team

Submitted To: Mark Ader, Task Monitor
U.S. Environmental Protection Agency
1200 Sixth Avenue
Seattle, WA 98101

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ATTACHMENT C - RAW ANALYTICAL DATA
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ACRONYM LIST

<u>Acronym</u>	<u>Definition</u>
ADEC	Alaska Department of Environmental Conservation
ADFG	Alaska Department of Fish and Game
Army	United States Army
ATLO	Alaska Trust Land Office
DRO	diesel range organics
E & E	Ecology and Environment, Inc.
EPA	United States Environmental Protection Agency
GID Site	Galankin Island Defense site
IPHC	International Pacific Halibut Commission
mg/kg	milligrams per kilogram
NMFS	National Marine Fisheries Service
PA	Preliminary Assessment
PAHs	polynuclear aromatic hydrocarbons
PCBs	polychlorinated biphenyls
PPE	probable point of entry
RRO	residual range organics
START	Superfund Technical Assessment and Response Team
TDL	target distance limit
TPHs	total petroleum hydrocarbons
USAED Alaska	United States Army Engineer District, Alaska
USCB	United States Census Bureau
USDOI	United States Department of Interior
USFWS	United States Fish and Wildlife Service

**GALANKIN ISLAND DEFENSE SITE
PRELIMINARY ASSESSMENT REPORT
SITKA, ALASKA**

1. INTRODUCTION

Ecology and Environment, Inc., (E & E) was tasked by the United States Environmental Protection Agency (EPA) to provide technical support for completion of a Preliminary Assessment (PA) at the Galankin Island Defense (GID) Site on Whale Island and Kayak Island near Sitka, Alaska. E & E completed PA activities under Technical Direction Document No. 98-07-0021, issued under EPA, Region 10, Superfund Technical Assessment and Response Team (START) Contract No. 68-W6-0008.

The specific goals for the GID PA, identified by the EPA, are to:

- Determine the potential threat to public health or the environment posed by the site;
- Determine the potential for a release of hazardous constituents into the environment; and
- Determine the potential for placement of the site on the National Priorities List.

Completion of the PA included reviewing existing site information, collecting receptor information within the range of site influence, determining regional characteristics, and conducting a site visit. This document includes a discussion of site background information (Section 2), a discussion of migration/exposure pathways and potential receptors (targets; Section 3), and a list of pertinent references (Section 4).

2. SITE BACKGROUND

2.1 SITE LOCATION

Site Name: Galankin Island Defense Site

CERCLIS ID No.: AKSFN1002127

Location: Sitka, Alaska

	<u>Whale Island</u>	<u>Kayak Island</u>
Latitude:	57°01'34"N	57°01'31"N
Longitude:	135°20'19"W	135°21'16"W

Legal Description: Section 11, Township 56S, Range 63E,
Copper River Meridian

Congressional District: Alaska

Site Owners:

Kent W. Barkhau and Linda F. Behnken
403 Lincoln Street, Suite 237
Sitka, Alaska 99835
(907) 747-0695

The Alaska Trust Land Office (ATLO)
3601 C Street, Suite 800
Anchorage, Alaska 99503
(907) 269-7960

John W. Williams
500 Lincoln Street
Sitka, Alaska 99835

Dean and Cindie Holtmann
4451 Wickersham Way
Wasilla, Alaska 99654
(907) 376-0852

Site Contacts:

Heather Gillihan
United States Army Engineer District, Alaska (USAED Alaska)
P.O. Box 898
Anchorage, Alaska 99506-0898
(907) 753-5656

Bob Chivvis
USAED Alaska
P.O. Box 898
Anchorage, Alaska 99506-0898
(907) 753-5782

John Halverson
Alaska Department of Environmental Conservation (ADEC)
555 Cordova Street
Anchorage, Alaska 99501
(907) 269-7545

2.2 SITE DESCRIPTION/OWNERSHIP HISTORY

The entire GID Site consisted of 140 acres of land on Passage, Kayak, Whale, McClellan, Beardslee, Galankin, and Bamboroshni Islands in Sitka Sound. The portion of the GID Site investigated under this PA includes Whale Island and Kayak Island near Sitka. Whale Island encompasses approximately 41 acres and is located approximately 1.5 miles south of Sitka in Sitka Sound. Kayak Island encompasses approximately 15.5 acres and is located approximately 1.75 miles south-southwest of Sitka in Sitka Sound. Sitka is located on the west coast of Baranof Island, Alaska, which fronts the Pacific Ocean. Sitka is 95 air miles southwest of Juneau and 185 miles northwest of Ketchikan (Figures 2-1 and 2-2).

The War Department obtained all of the islands of the GID Site in a land transfer with the United States Department of the Interior (USDOI) in 1943. The site was used by the United States Army (Army) for military defense of Fort Ray and the Naval Air Station in Sitka. Whale Island and Kayak Island were the only islands that received substantial improvements. The Army declared all of the islands excess in 1944 and transferred them back to the USDOI and Bureau of Land Management (USAED Alaska 1989).

A military site drawing of Whale Island indicates 16 barracks buildings; a mess hall; four elephant sheds (the military termed large storehouses *elephant sheds*); a water tank; an administration building; and a powerhouse that included a vault transformer, a fuel tank, two gun emplacements, a dock, a recreation hall, and observation posts (USAED Alaska 1944a). The START did not find any specific file information regarding the elephant sheds or powerhouse; however, the fuel tank is described as an

aboveground unit that stored diesel (USAED Alaska 1998). An unimproved road was cleared through the center of the island. The road started at the dock on the north side of the island and continued south through three-fourths of the island, linking the improvements scattered across Whale Island. The Army also ran power lines to the island's buildings. File information indicates that poles and trees were used to string the power lines together (USAED Alaska 1944a). Figure 2-3 shows the approximate location where improvements were constructed on Whale Island.

A plot plan for Kayak Island indicates that two barracks buildings, a mess hall, two searchlight sheds, two storage sheds, two lookout posts, two fuel tanks, and a powerhouse were formerly located on this island. A 6-inch sewer line ran from the area of the barracks and mess hall to the shoreline of the island. A system of power lines also was constructed at the area of the barracks and mess hall. Kayak Island had no dock (USAED Alaska 1944b). The START did not find any more specific information concerning these improvements. Figure 2-3 shows the approximate location where improvements were constructed on Kayak Island.

Whale Island is divided into six lots. The ATLO owns Lot 1 and Lot 4; John W. Williams owns Lot 2; Cindie and Dean Holtmann own Lot 3 and Lot 5; and Kent W. Barkhau and Linda F. Behnken, husband and wife, own Lot 6 (Figure 2-4). Mr. Williams is the only individual who lives on Whale Island, and he operates a small sawmill business on his portion of the island. Kayak Island is owned by the ATLO, and no one lives on the island.

2.3 SITE OPERATIONS AND WASTE CHARACTERISTICS

The GID Site was used by the Army from 1943 to 1944, during World War II. No records of documented waste exist, but the current landowners commented on the amount of debris scattered around Whale Island. Ms. Behnken described the presence of dilapidated Quonset huts with many sharp edges (Behnken 1999). Mr. Holtmann told the START about an area of empty barrels and canisters located near Mr. Williams' sawmill (Holtmann 1999). The ATLO did not have any records regarding debris or possible hazardous substances on either island.

The START identified two possible sources of contamination at Whale Island from a review of available site file information. The former powerhouse is documented as containing a vaulted transformer. Electrical transformers from that era typically contain insulating oil that historically has contained polychlorinated biphenyls (PCBs). The volume of oil in the vaulted transformer is unknown. The fuel supply for the generator at the powerhouse is also a possible source of contamination. Whale Island also had an aboveground storage tank that contained diesel fuel near the island's dock. The tank

was removed, but fuel releases may have occurred when the tank was in place (USAED Alaska 1998).

The START identified one possible source of contamination at Kayak Island from the site file. The island had a powerhouse for the generation and distribution of electricity to other buildings on the island. Two fuel tanks of unknown size, which likely stored diesel fuel, were located near the powerhouse in the center of the island. No other information concerning the two islands was located in the file.

The entire GID Site was investigated under the USAED Alaska Defense Environmental Restoration Program in 1988. The findings of the investigation indicated that no evidence of hazardous/toxic waste, ordnance, or unsafe debris existed (USAED Alaska 1989). The USAED Alaska, Geotechnical Branch, conducted a PA of Whale Island in July 1998. Although the subsequent PA Report documents a significant amount of military debris on the island, suspected contamination was observed only at the former location of the aboveground storage tank. Field personnel collected one surface soil sample at the location of the former fuel tank. The sample was analyzed for benzene, toluene, ethylbenzene, and total xylenes; gasoline range organics; diesel range organics (DRO); residual range organics (RRO); and polynuclear aromatic hydrocarbons (PAHs). Only DRO (176 milligrams per kilogram [mg/kg]), RRO (460 mg/kg), dibenzo(a,h)anthracene (0.011 mg/kg), 2-methylnaphthalene (0.021 mg/kg), and naphthalene (0.012) were detected in the sample (USAED Alaska 1998).

2.4 START ACTIONS

The START conducted a site visit of Whale Island on April 1, 1999, and a site visit of Kayak Island on April 2, 1999. The START traveled to Sitka, Alaska, by commercial airline, and then traveled to both islands by private boat charter. Before traveling to Whale Island, the START met with Mr. Barkhau, owner of Lot 6 on Whale Island. Mr. Barkhau indicated locations of existing debris on the island to the START.

Whale Island is a volcanic island that is heavily forested with spruce trees and thick undergrowth beneath the canopy of trees. However, within the dense vegetation, the START managed to identify numerous former Quonset huts that are now in various stages of deterioration all over the island. Most of the huts have fallen over, leaving scrap metal on the ground and exposed wooden floors. The START also found the locations of the former powerhouse and fuel tank. The former fuel tank was located approximately 50 feet southwest of the dock. The area around the foundation is clear of vegetation and lies within a slight depression. The former powerhouse was located approximately 100 feet south of the dock. The powerhouse still has two walls standing, and the wooden floor remains intact. The START

found no trace of a generator or transformer at the foundation. An empty, unmarked, rusted 55-gallon drum also was discovered in the center of the island and is possibly a remnant of military operations.

One individual, Mr. Williams, lives on the island. He lives in the northwest portion of the island and operates a sawmill on his property. Mr. Williams has debris related to the operation of the sawmill scattered on his property. Most of the debris consists of scrap wood, but there are also sheets of plastic tarpaulin, an abandoned truck, and scrap metal. The START identified some containers of lubricating oils on Mr. Williams' property and believes that these are the canisters that Mr. Holtmann mentioned. The START attributes the containers to Mr. Williams and the operation of his sawmill.

The START also looked for transformers and utility poles that would have been associated with the transfer of electricity around the island. However, no transformers were observed and the only indications of utility poles were fallen trees that had insulators bored through them. No other potential military debris was discovered on Whale Island.

Kayak Island is approximately one-third the size of Whale Island, but has characteristics very similar to Whale Island. The island also is volcanic in origin and densely forested with thick undergrowth. The START identified a smaller amount of debris on the island, compared to Whale Island. Two lookout posts are situated on the west edge of the island, along with a small amount of wooden, unidentifiable debris nearby. The START was unable to identify the location of the former powerhouse and fuel tanks because of the heavy undergrowth and the absence of visible debris. No contaminant sources were identified on Kayak Island.

The START collected four surface soil samples on Whale Island. Surface soil sample No. 99040001 was located in the center of the island where the START found a rusted 55-gallon drum (Attachment A, Photograph 1). Surface soil sample No. 99040002 was located at the foundation of the former powerhouse building in the north central portion of the island (Attachment A, Photograph 3). Surface soil sample Nos. 99040003 and 99040004 were located at the foundation of the former aboveground storage tank near the northern tip of the island (Attachment A, Photographs 4 and 5). Figure 2-5 shows the location of the four surface soil samples. The START did not collect surface soil samples on Kayak Island because no observed contamination was present, the island has no inhabitants, and no individuals utilize the island.

Each sample was collected with a dedicated stainless steel spoon between 0 and 6 inches below ground surface. Each sample was analyzed for PAHs (EPA Method 8270), PCBs (EPA Method 8082), and total petroleum hydrocarbons (TPHs; EPA Method 3550/8015 Modified). The samples were shipped to On-Site Environmental, Inc., of Redmond, Washington, for analysis.

All four samples had TPH contamination above detection limits. No PAHs or PCBs were detected in any sample. Sample results are presented in Table 2-1. A list of all substances analyzed for is presented in Attachment B. The analytical data have not been validated. The analytical laboratory data forms are presented in Attachment C.

No other environmental concerns were noted by the START during the site visit. ADEC ecological checklists are presented in Attachment D.

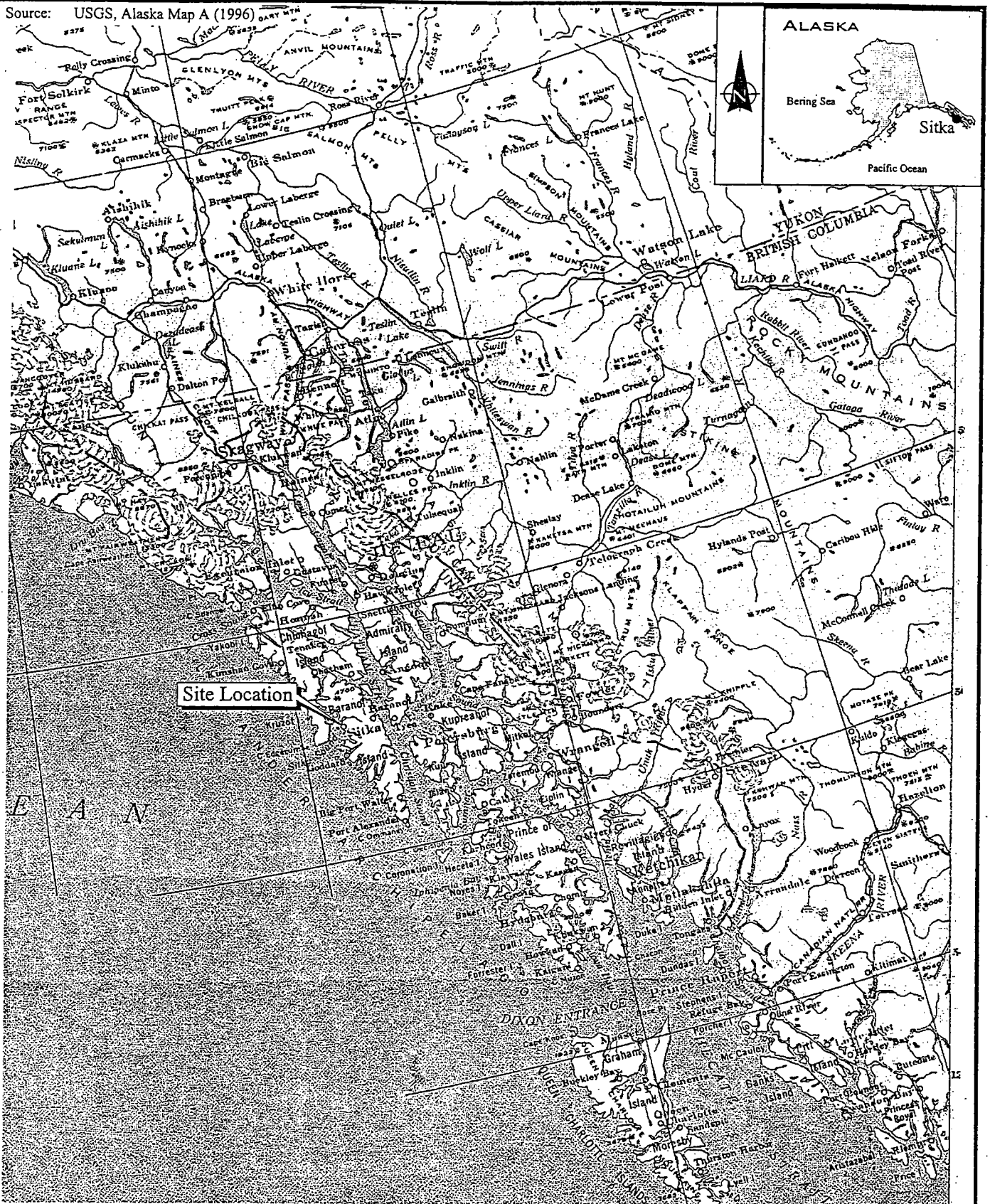
<p>Table 2-1</p> <p>ANALYTICAL DATA SUMMARY</p> <p>GALANKIN ISLAND DEFENSE SITE PRELIMINARY ASSESSMENT</p> <p>SITKA, ALASKA</p>				
EPA Sample No.:	99040001	99040002	99040003	99040004
Total Petroleum Hydrocarbons (mg/kg)				
TPHs	2,700	150	120	150

Note: Data have not been validated.
 Bold text indicates concentrations above the detection limit.

Key:

EPA = United States Environmental Protection Agency.
 mg/kg = Milligrams per kilogram.
 TPHs = Total petroleum hydrocarbons.

Source: USGS, Alaska Map A (1996)



ecology and environment, inc.
International Specialists in the Environment
Anchorage, Alaska

GALANKIN ISLAND DEFENSE SITE:
KAYAK ISLAND & WHALE ISLAND
Sitka, Alaska

0 40 80
Approximate Scale in Miles

Figure 2-1

SITE VICINITY MAP

Drawn: AES	DATE: 5/4/99	JOB NO. CG2120SAT0	Dwg.No. CG2120 2-1
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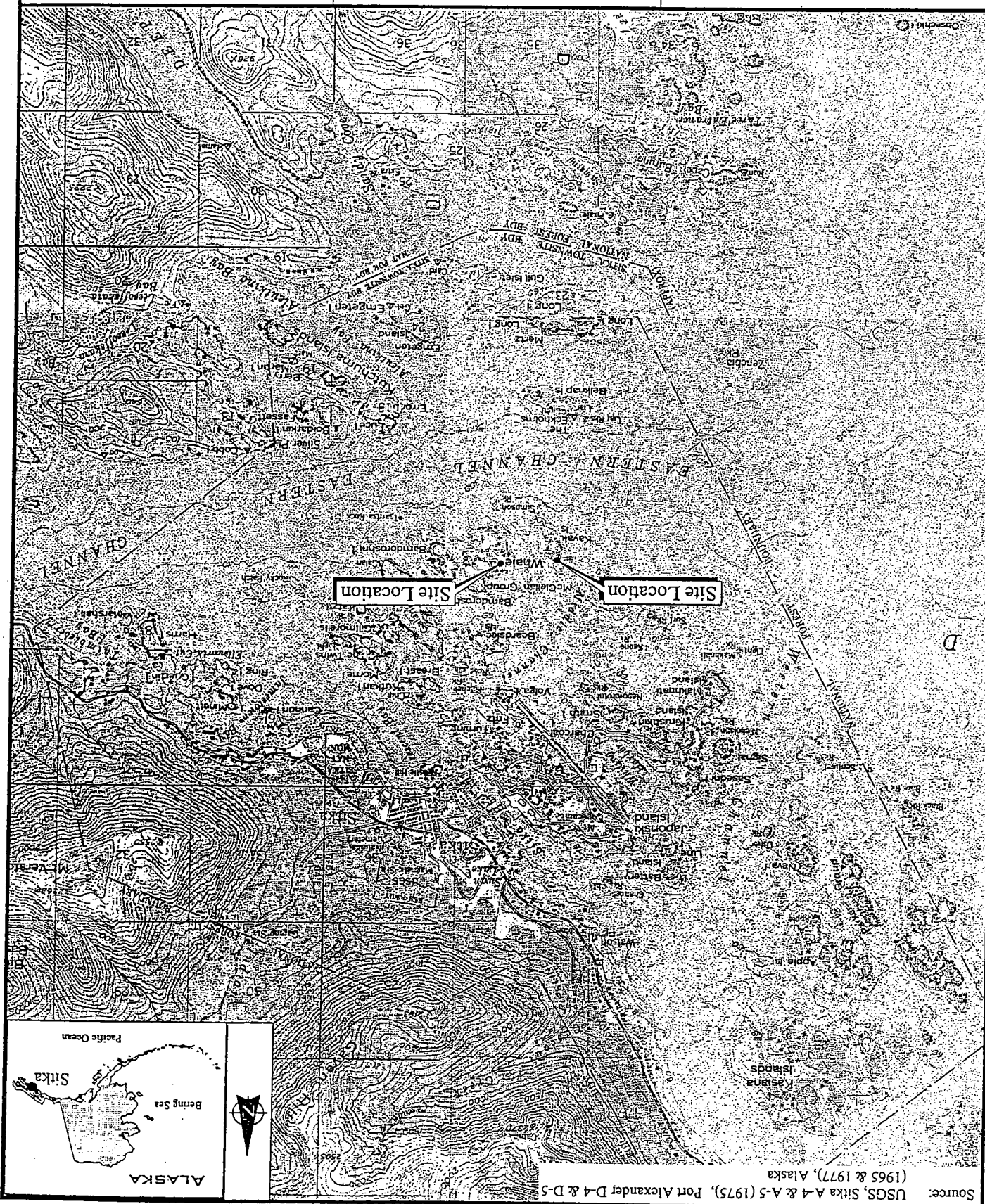
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Anchorage, Alaska

GALANKIN ISLAND DEFENSE SITE
KAYAK ISLAND & WHALE ISLAND
Sitka, Alaska

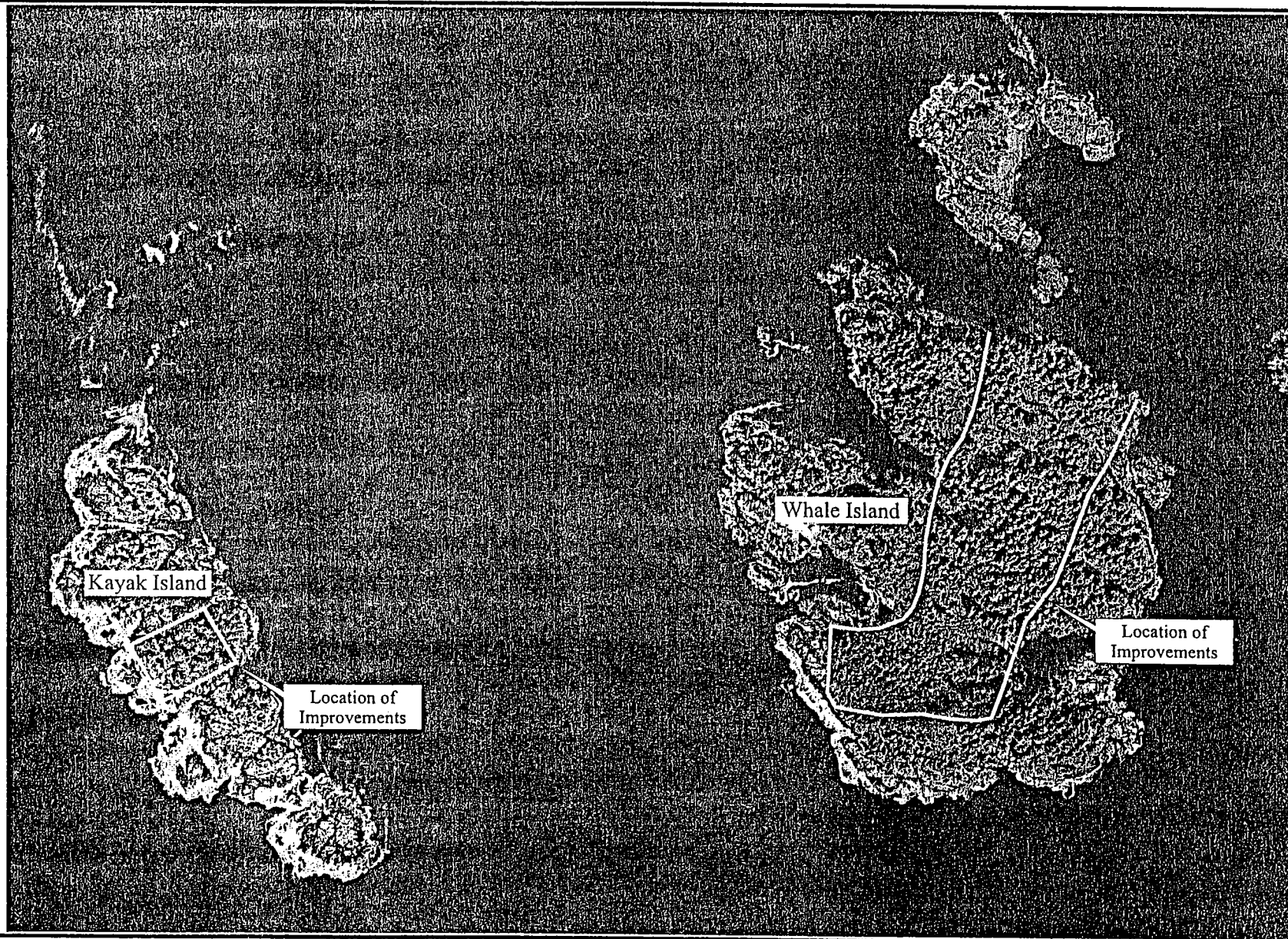
SITE LOCATION MAP
Figure 2-2

Approximate Scale in Miles
0 5

Drawn: AES
DATE: 5/4/99
JOB NO. CG2120SAT0
DWG. No. CG2120 2-2



Source: USGS, Sitka A-4 & A-5 (1975), Port Alexander D-4 & D-5 (1965 & 1977), Alaska



ecology and environment, inc.
International Specialists in the Environment
Anchorage, Alaska

**GALANKIN ISLAND DEFENSE SITE:
KAYAK ISLAND & WHALE ISLAND
Sitka, Alaska**

Source: Aeromap U.S. Inc.
6-4-71

0 400 800
Approximate Scale in Feet

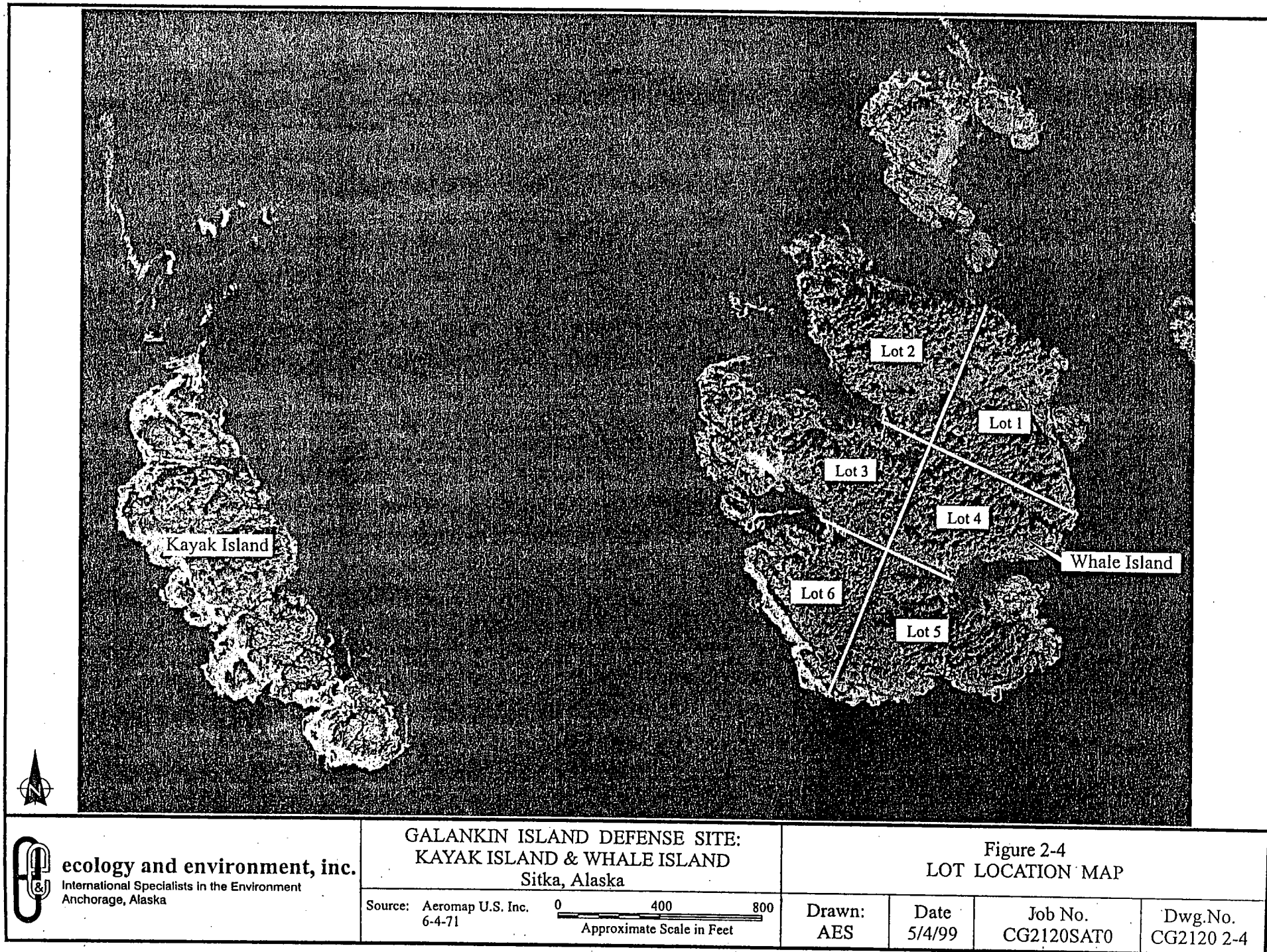
**Figure 2-3
IMPROVEMENTS LOCATION MAP**

Drawn:
AES

Date
5/4/99

Job No.
CG2120SAT0

Dwg.No.
CG2120 2-3



Source: Aeromap U.S. Inc.
6-4-71

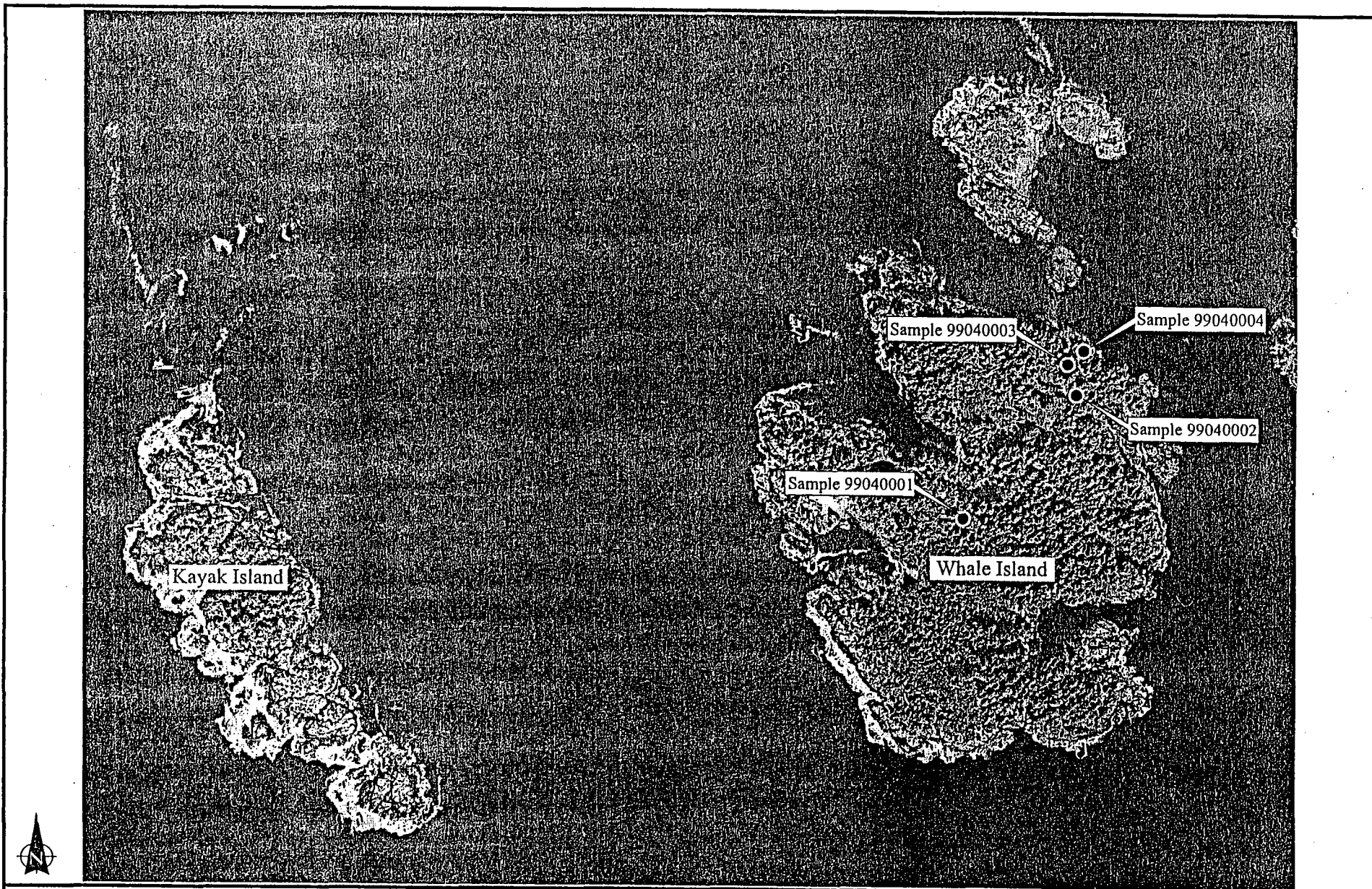
0 400 800
Approximate Scale in Feet

Drawn:
AES

Date
5/4/99

Job No.
CG2120SAT0

Dwg.No.
CG2120 2-4



ecology and environment, inc.
International Specialists in the Environment
Anchorage, Alaska

**GALANKIN ISLAND DEFENSE SITE:
KAYAK ISLAND & WHALE ISLAND
Sitka, Alaska**

Source: Aeromap U.S. Inc.
6-4-71

0 400 800
Approximate Scale in Feet

**Figure 2-5
SAMPLE LOCATION MAP**

Drawn:
AES

Date
5/4/99

Job No.
CG2120SAT0

Dwg.No.
CG2120 2-5

agriculture, silviculture, or designated recreation area is known to exist within ½ mile of the site.

The START obtained population figures from within a 4-mile radius of Whale Island and Kayak Island from the United States Census Bureau (USCB). The population figures reported for Whale Island were used by the START because the total population figure was higher for Whale Island than for Kayak Island. A total of 6,724 people lives within 4 miles of Whale Island (USCB 1999). Table 3-2 provides population data for each target distance ring.

The Sitka area receives more than 96 inches of rain annually; therefore, the ground is almost always damp or saturated. Therefore, the START does not expect particulate matter from either Whale Island or Kayak Island to become airborne. Based on site conditions and soil sample results, the START does not suspect that a release of hazardous substances to the air pathway has occurred at the GID Site.

Table 3-1

**ANNUAL FISH HARVEST WITHIN THE SITE'S RANGE OF INFLUENCE
GALANKIN ISLAND DEFENSE SITE PRELIMINARY ASSESSMENT
SITKA, ALASKA**

SPORT HARVEST			
Species	Number Harvested	Average Pound Per Fish	Pounds Harvested
Chinook salmon (<i>Oncorhynchus tshawytscha</i>)	17,314	16.9 *	292,607
Coho salmon (<i>O. kisutch</i>)	18,969	7.2 *	136,577
Sockeye salmon (<i>O. nerka</i>)	1,002	3.5 *	3,507
Pink salmon (<i>O. gorbuscha</i>)	3,638	3.6 *	13,097
Chum salmon (<i>O. keta</i>)	1,951	8.1 *	15,803
Dolly Varden (<i>Salvelinus malma</i>)	572	3 **	1,716
Cutthroat trout (<i>O. clarki</i>)	5	2 **	10
Pacific halibut (<i>Hippoglossus stenolepis</i>)	10,579	40 **	423,160
Rockfish (<i>Sebastes</i> spp.)	7,346	2 **	14,692
Lingcod (<i>Ophiodon elongatus</i>)	3,945	6 **	23,670
Other	150	1 **	150
Total Sport Harvest			924,989
COMMERCIAL HARVEST			
Chinook salmon (<i>Oncorhynchus tshawytscha</i>)	11,800	16.9	199,420
Coho salmon (<i>O. kisutch</i>)	72,300	7.2	520,560
Sockeye salmon (<i>O. nerka</i>)	540	3.5	1,890
Pink salmon (<i>O. gorbuscha</i>)	3,384,000	3.6	12,182,400
Chum salmon (<i>O. keta</i>)	2,325,750	8.1	18,838,575
Rockfish (<i>Sebastes</i> spp.)	26,395	2 **	52,790
Pacific cod (<i>Gadus macrocephalus</i>)	1,719	6 **	10,314
Lingcod (<i>Ophiodon elongatus</i>)	11,434	6 **	68,604
Pacific halibut (<i>Hippoglossus stenolepis</i>)	67,500	40 **	2,700,000
Sea cucumber (<i>Parastichopus californicus</i>)	***	***	72,826
Geoducks (<i>Panope generosa</i>)	2,242	2	4,484
Other	70	1 **	70

Table 3-1	
ANNUAL FISH HARVEST WITHIN THE SITE'S RANGE OF INFLUENCE GALANKIN ISLAND DEFENSE SITE PRELIMINARY ASSESSMENT SITKA, ALASKA	
Total Commercial Harvest	34,651,933
Total Harvest	35,576,922

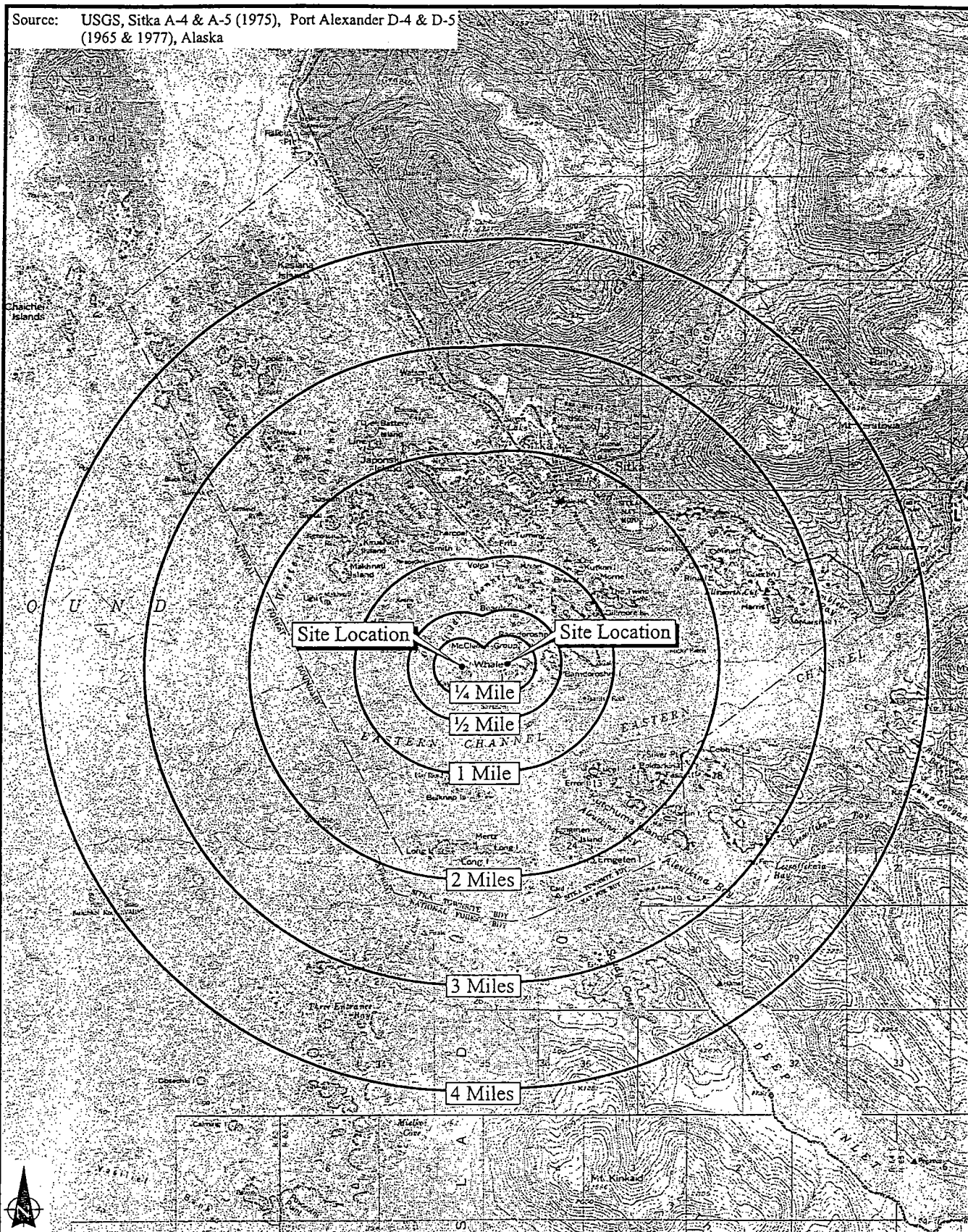
* Values obtained from the reported commercial harvest.

** Values estimated by the START.

*** Values not provided by the ADFG.

Table 3-2		
POPULATION AND WETLANDS WITHIN A 4-MILE RADIUS GALANKIN ISLAND DEFENSE SITE PRELIMINARY ASSESSMENT SITKA, ALASKA		
Distance Ring (Miles)	Population	Wetlands (Acreage)
On site	1	0
0-¼	0	0
¼-½	2	0
½-1	45	0
1-2	3,067	20
2-3	2,564	340
3-4	1,045	1,015
Total	6,724	1,375

Source: USGS, Sitka A-4 & A-5 (1975), Port Alexander D-4 & D-5 (1965 & 1977), Alaska



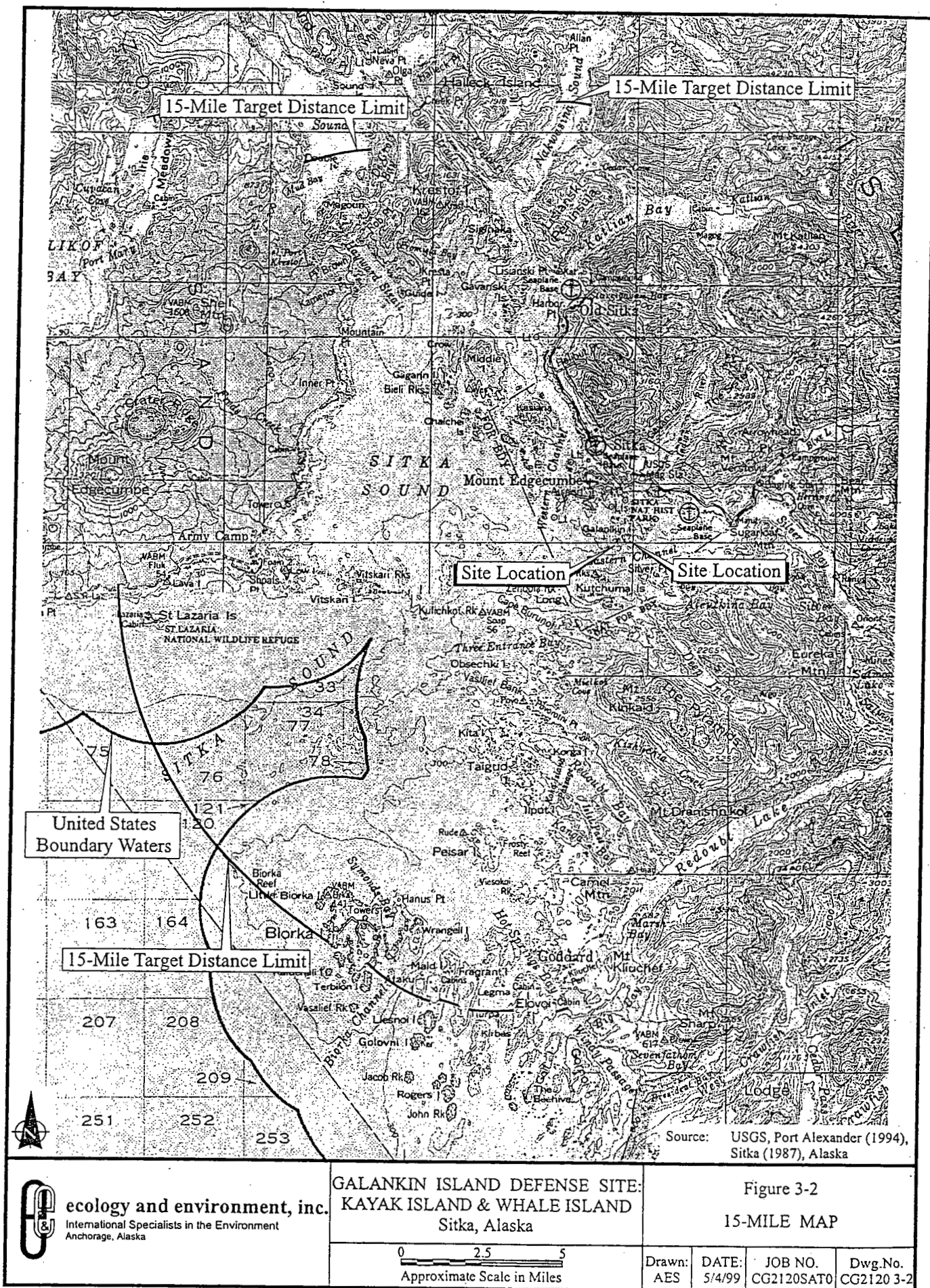
ecology and environment, inc.
International Specialists in the Environment
Anchorage, Alaska

**GALANKIN ISLAND DEFENSE SITE:
KAYAK ISLAND & WHALE ISLAND
Sitka, Alaska**

**Figure 3-1
4-MILE MAP**

0 5 1
Approximate Scale in Miles

Drawn: AES	DATE: 4/4/99	JOB NO. CG2120SAT0	Dwg.No. CG2120 3-1
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ecology and environment, inc.
International Specialists in the Environment
Anchorage, Alaska

**GALANKIN ISLAND DEFENSE SITE:
KAYAK ISLAND & WHALE ISLAND
Sitka, Alaska**

**Figure 3-2
15-MILE MAP**

Drawn: AES	DATE: 5/4/99	JOB NO. CG2120SAT0	Dwg.No. CG2120 3-2
---------------	-----------------	-----------------------	-----------------------

4. REFERENCE LIST

- Aeromap U.S., Inc., June 4, 1971, *Aerial Photograph*, Anchorage, Alaska.
- Barkhau, Kent, April 1, 1999, personal communication, landowner, Sitka, Alaska, with Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding locations where Whale Island resident John Williams collects surface water for drinking water purposes.
- Behnken, Linda, March 9, 1999, personal communication, landowner, Sitka, Alaska, telephone conversation with Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding concerns about her property on Whale Island.
- Botelho, Cathy, April 14, 1999, personal communication, Biologist, Alaska Department of Fish and Game, Juneau, Alaska, facsimile to Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding shellfish harvest in Sitka Sound.
- Brylinski, Cleo, April 13, 1999, personal communication, Biologist, Alaska Department of Fish and Game, Juneau, Alaska, facsimile to Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding groundfish harvest in Sitka Sound.
- Foster Wheeler Environmental Corp. (Foster Wheeler), June 1996, *Alaska Pulp Corporation, Sitka Mill Site, Current Situation/Site Conceptual Model Report*.
- Gilroy, Heather, April 14, 1999, personal communication, International Pacific Halibut Commission, Seattle, Washington, facsimile letter to Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding halibut harvest in Sitka Sound.
- Grossman, Ed, March 26, 1999, personal communication, Biologist, United States Fish and Wildlife Service, Juneau, Alaska, with Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding sensitive environments near Galankin Island Defense Site.
- Holtmann, Dean, March 14, 1999, personal communication, landowner, Wasilla, Alaska, telephone conversation with Ben Martich, Ecology and Environment, Inc., Anchorage, Alaska, regarding concerns about his property on Whale Island.
- Howe, Allen L., Fidler, Gary, Olness, Cynthia, Bingham, Allen E., and Mills, Michael J., 1998, *Harvest, Catch, and Participation in Alaska Sport Fisheries During 1997*, Alaska Department of Fish and Game, Division of Sport Fish, Anchorage, Alaska.
- Miller, J.F., 1963, *Probable Maximum Precipitation and Rainfall-Frequency Data for Alaska for Areas to 400 Square Miles, Durations to 24 Hours and Return Periods from 1 to 100 Years, Technical Paper No. 47*, United States Department of Commerce, Weather Bureau, Washington, D.C.
- Patric, J.H., and Black, P.E., 1968, *Potential Evapotranspiration and Climate in Alaska by Thornthwaite's Classification*, United States Department of Agriculture, Forest Service, Research Paper PNW-71, Pacific Northwest Forest and Range Experiment Station, Juneau, Alaska.

ATTACHMENT A

PHOTOGRAPHIC DOCUMENTATION

PHOTOGRAPH IDENTIFICATION SHEET

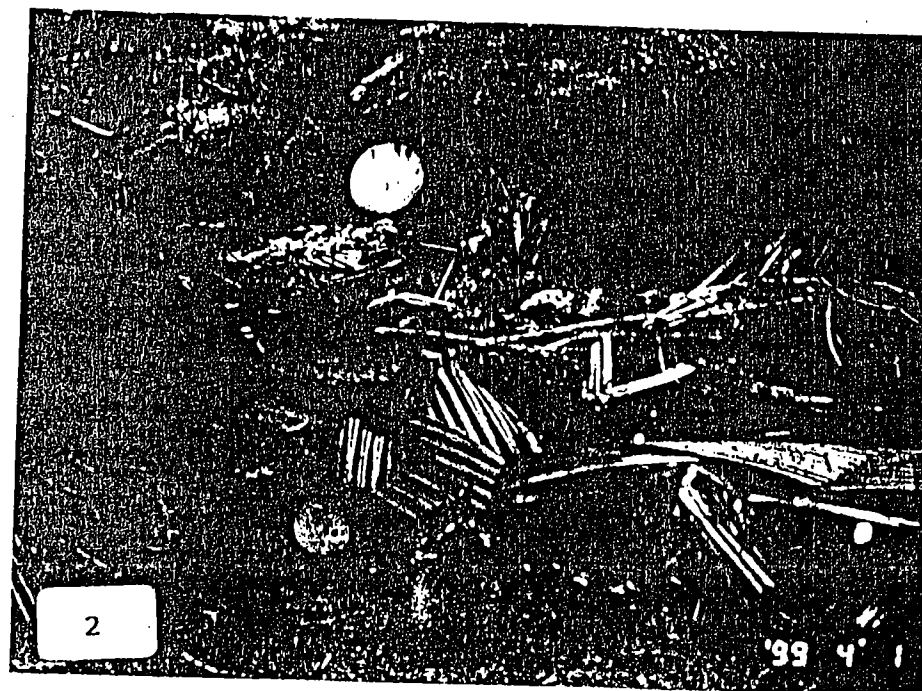
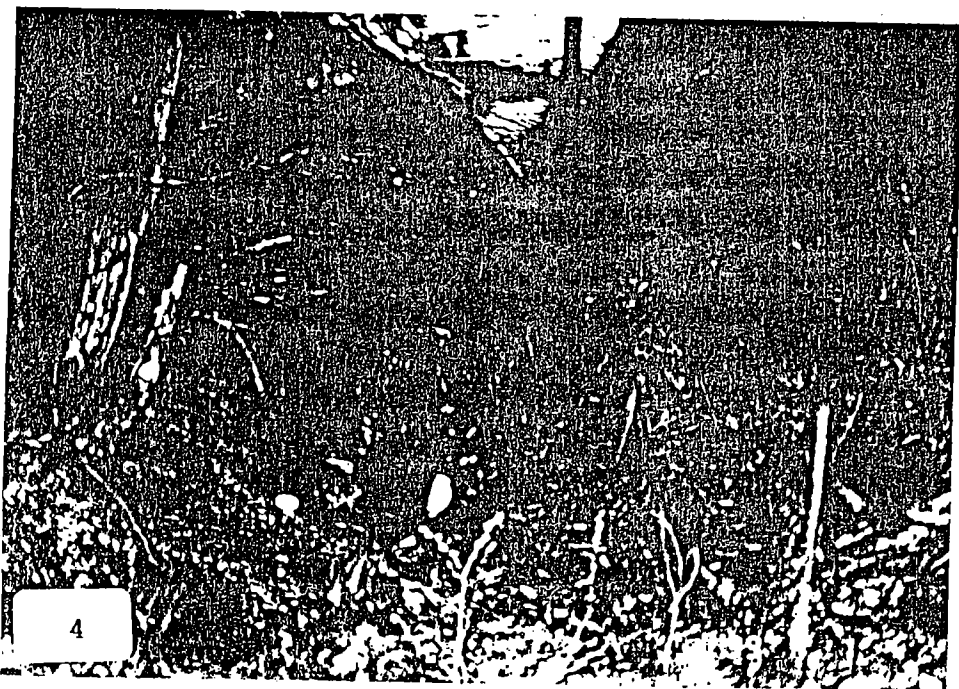
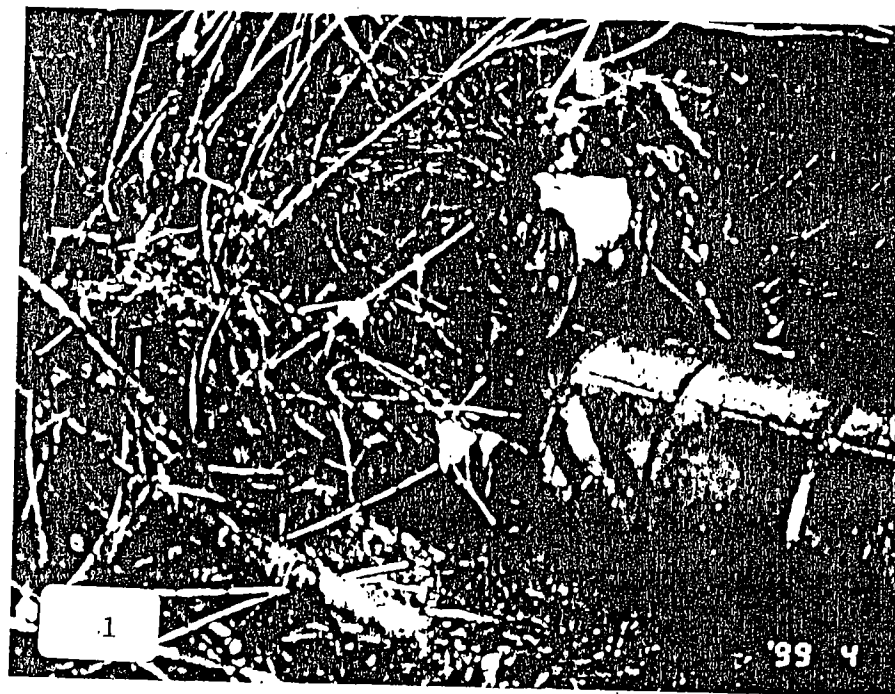
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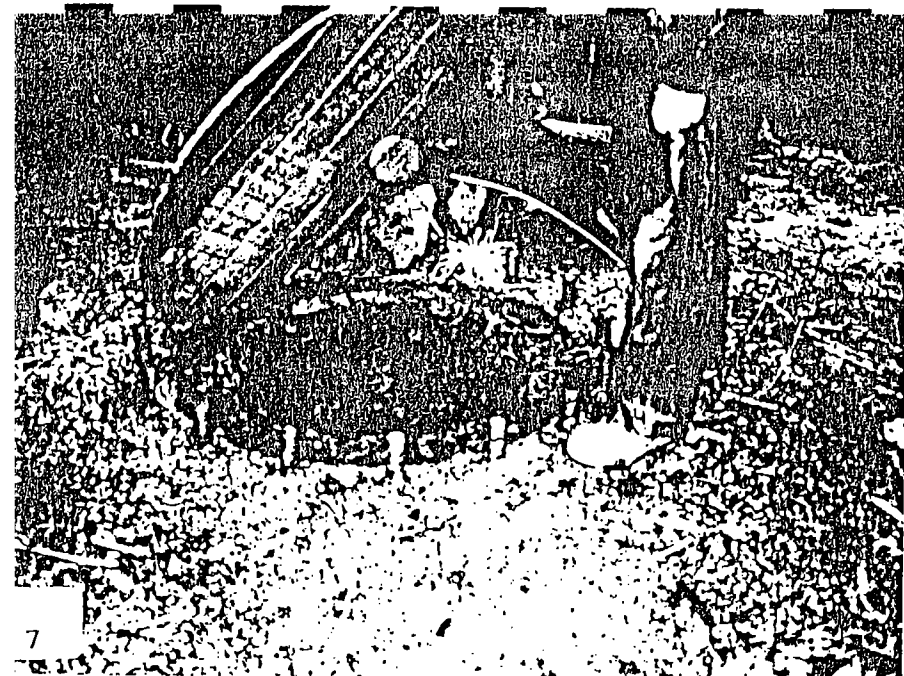
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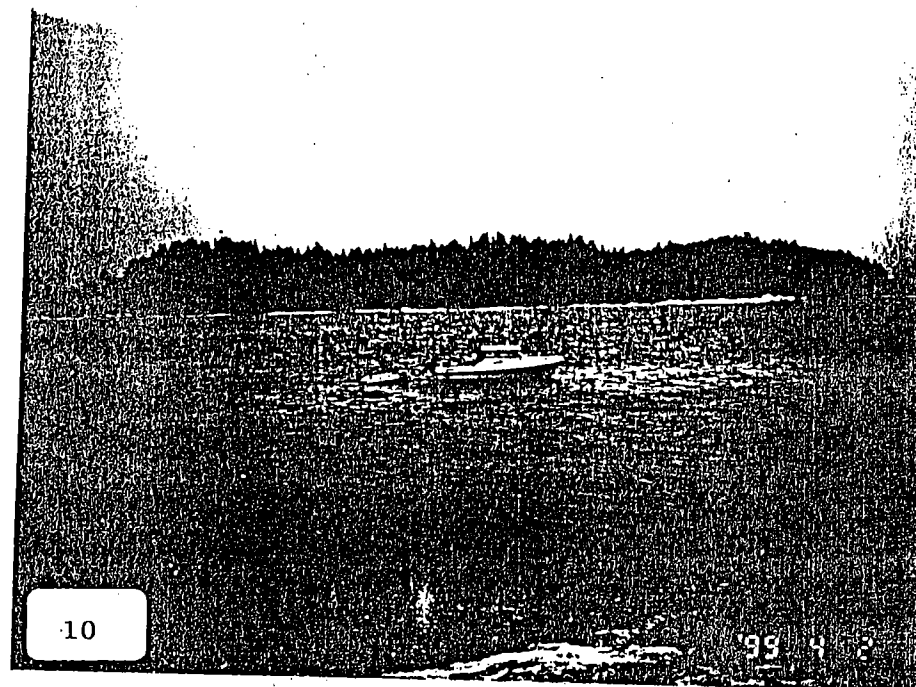
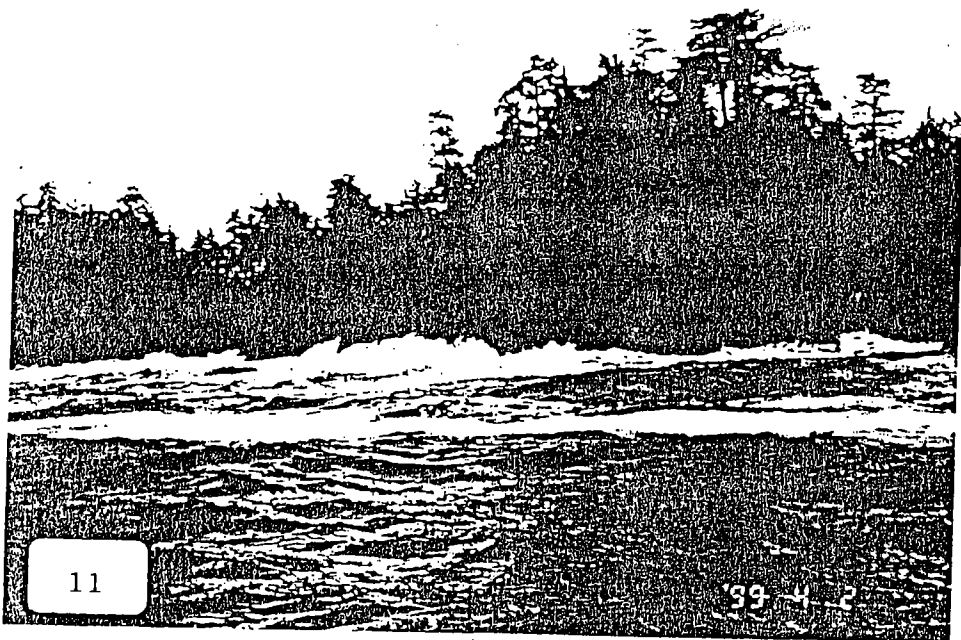
Lens Type: Pentax 38-110 mm

Site Name: Galankin Island Defense Site

Photo	Date	Time	Photographer	Direction	Description and Orientation
1	04/01/99	1247	B. Martich	West	Sample No. 99040001 collected near rusty drum on Whale Island
2	04/01/99	1254	B. Martich	East	Quonset hut debris on Whale Island
3	04/01/99	1300	B. Martich	Northeast	Sample No. 99040002 collected at former powerhouse on Whale Island
4	04/01/99	1306	B. Martich	West	Sample No. 99040003 collected at west side of former fuel tank location on Whale Island with Sitka Sound in background
5	04/01/99	1310	B. Martich	North	Sample No. 99040004 collected at north side of former fuel tank location on Whale Island
6	04/01/99	1330	B. Martich	West	John Williams' sawmill and property on Whale Island
7	04/01/99	1445	B. Martich	North	Gun emplacement with wooden cover on south side of Whale Island
8	04/02/99	0908	B. Martich	Southwest	Kayak Island
9	04/02/99	0908	B. Martich	South	Kayak Island
10	04/02/99	0909	B. Martich	East	The START's boat charter
11	04/02/99	0936	B. Martich	Northeast	Lookout post on west side of Kayak Island
12	04/02/99	0937	B. Martich	Northeast	Two lookout posts on west side of Kayak Island







ECOLOGICAL CHECKLIST #1: GENERAL

1. SITE NAME: Galankin Island Defense Site
ADEC LO: _____
2. LOCATION: Whale Island, Sitka Sound
Kayak Island, Sitka Sound
3. LATITUDE: _____
4. LONGITUDE: _____
5. APPROXIMATE SITE AREA: _____
6. DATES OF SITE VISITS:
4/1/99 - Whale Island
4/2/99 - Kayak Island

☐ ATTACH USGS TOPOGRAPHIC MAP
☐ ATTACH AVAILABLE PHOTOS
7. LAND USE ON THE SITE
_____% RESIDENTIAL
_____% RURAL
_____% URBAN
_____% INDUSTRIAL/COMMERCIAL
_____% AGRICULTURAL
_____% RECREATIONAL
100 % FOREST/WOODED
_____% WETLANDS
_____% UNDISTURBED
_____% OTHER (ABANDONED PROPERTY)
8. LAND USE SURROUNDING THE SITE
_____% RESIDENTIAL
_____% RURAL
_____% URBAN
_____% INDUSTRIAL/COMMERCIAL
_____% AGRICULTURAL
_____% RECREATIONAL
_____% FOREST/WOODED
_____% WETLANDS
_____% UNDISTURBED
100 % OTHER (Sitka Sound)

ECOLOGICAL CHECKLIST #2: TERRESTRIAL

A. WOODED AREAS

1. ARE THERE WOODED AREAS AT THE SITE

- ☒ YES
☐ NO

2. PERCENTAGE OF SITE WOODED

100 %
 acres

3. DOMINANT TYPE OF VEGETATION

- ☒ DECIDUOUS
☐ MIXED
☐ OTHER

4. DOMINANT TREE SIZE BY DIAMETER

- ☐ 0-6 INCH
☐ 6-12 INCH
☒ > 12 INCH

B. SHRUB/SCRUB

1. IS THERE SHRUB/SCRUB VEGETATION PRESENT AT THE SITE

- ☐ YES
☒ NO

2. PERCENTAGE OF SITE COVERED WITH SHRUB/SCRUB

 %
 acres

3. DOMINANT TYPE OF VEGETATION

- ☐
☐

<p align="center">ECOLOGICAL CHECKLIST #3: AQUATIC-FLOWING SYSTEMS</p>

1. TYPE OF FLOWING WATER SYSTEMS PRESENT AT THE SITE

- ☐ RIVER
 - ☐ PERENNIAL
 - ☐ INTERMITTENT
- ☐ STREAM
 - ☐ PERENNIAL
 - ☐ INTERMITTENT
- ☒ CREEK
- ☐ BROOK
- ☐ DRY WASH
- ☐ MAN-MADE (DITCH, ETC.)
- ☐ ARROYO
- ☐ INTERMITTENT STREAM
- ☐ CHANNELING SPARSE
- ☐ LAKE OR POND
- ☐ TIDAL STREAM
 - ☐ BAY
 - ☐ ESTUARY
- ☐ OTHER

2. GENERAL COMPOSITION OF SUBSTRATE

- ☐ BEDROCK
- ☐ SAND
- ☐ SILT
- ☐ BOULDER
- ☐ COBBLE
- ☐ GRAVEL
- ☐ MARL
- ☐ CLAY
- ☒ MUCK
- ☐ DEBRIS
- ☐ MUCK
- ☐ CONCRETE
- ☐ OTHER

3. CONDITION OF THE BANK - HEIGHT, SLOPE, ETC.

4. FLOW INTERMITTENT

- ☐ YES
- ☒ NO

**ECOLOGICAL CHECKLIST #4:
AQUATIC NON-FLOWING SYSTEMS**

1. TYPE OF OPEN WATER NON-FLOWING SYSTEMS PRESENT AT SITE
FLOWING WATER SYSTEMS PRESENT AT SITE
☐ NATURAL
☐ MAN MADE
2. KNOWN USES OF WATER BODY
☐ RECREATIONAL
☐ NAVIGATIONAL
☐ SUBSISTENCE
☐ OTHER
3. APPROXIMATE SIZE OF WATER BODY
_____ ACRES
4. TYPE OF AQUATIC VEGETATION PRESENT
☐ EMERGENT
☐ SUBMERGENT
☐ FLOATING
5. DEPTH OF WATER
_____ FEET
6. GENERAL COMPOSITION OF SUBSTRATE
☐ BEDROCK
☐ SAND
☐ SILT
☐ BOULDER
☐ COBBLE
☐ GRAVEL
☐ MARL
☐ CLAY
☐ MUCK
☐ DEBRIS
☐ MUCK
☐ CONCRETE
☐ OTHER

ECOLOGICAL CHECKLIST #5: WETLANDS

1. ANY DESIGNATED OR KNOWN WETLANDS AT THE SITE

- ☒ YES
☐ NO

2. ARE WETLAND HABITATS EXPECTED

- ☒ YES
☐ NO

3. TYPES OF VEGETATION PRESENT

- ☐ EMERGENT
☐ SUBMERGENT
☐ SCRUB/SHRUB
☐ WOODED
☒ OTHER

4. DISCHARGE FROM SITE TO WETLANDS

- ☒ YES
☐ NO

5. DISCHARGE FROM WETLAND

- | | | |
|--|----------------------------------|--|
| <input type="checkbox"/> RIVER STREAM | <input type="checkbox"/> ON-SITE | <input type="checkbox"/> OFF-SITE |
| <input type="checkbox"/> GROUNDWATER | <input type="checkbox"/> ON-SITE | <input type="checkbox"/> OFF-SITE |
| <input type="checkbox"/> LAKE/POND | <input type="checkbox"/> ON-SITE | <input type="checkbox"/> OFF-SITE |
| <input checked="" type="checkbox"/> MARINE | <input type="checkbox"/> ON-SITE | <input checked="" type="checkbox"/> OFF-SITE |

Kayak Island

A base end station and double searchlight control station (DEC) for searchlights 13 and 14 occupied Kayak Island.

Base End Station

The base end station on Kayak Island is only 36 feet above sea level. It served as the B2 station for Battery 292 at Fort Rousseau.

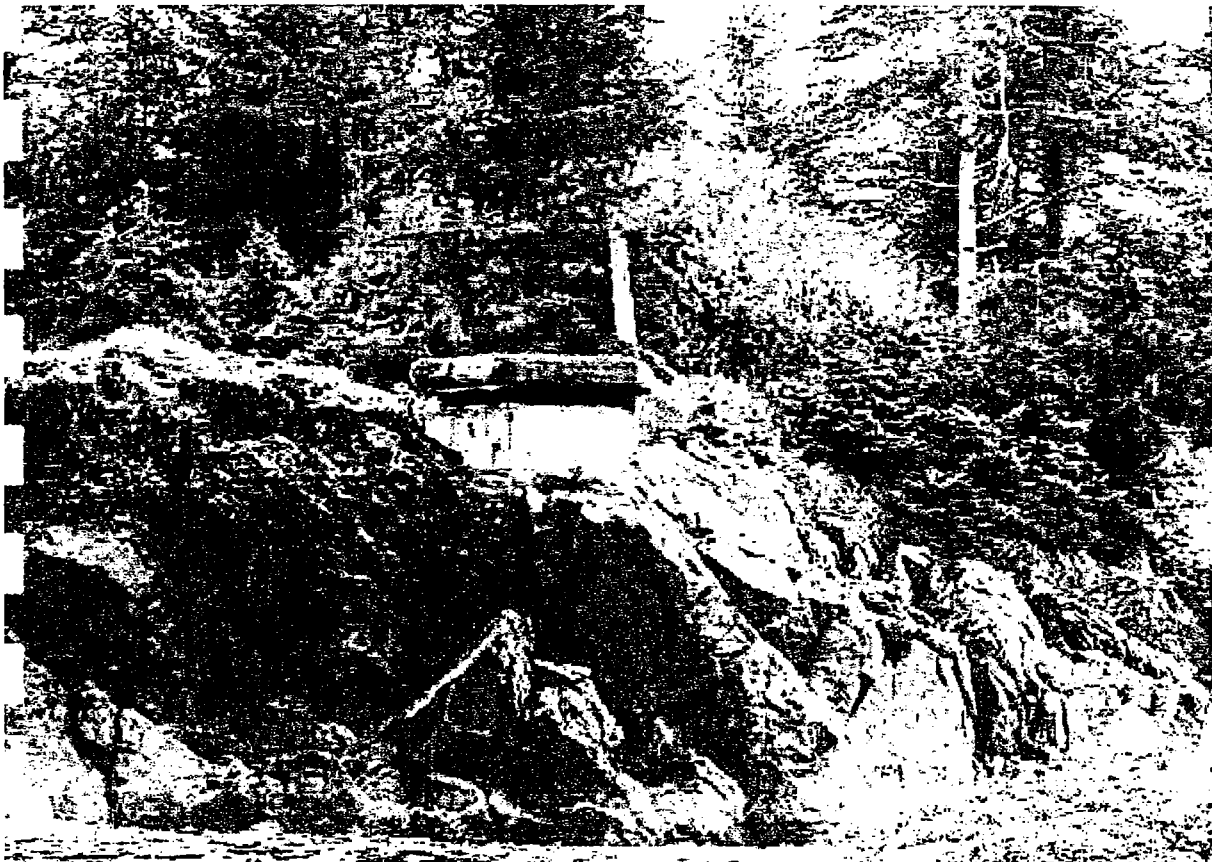
base end station exterior.



The base end station front. The double DEC is just visible above and to the left of the base end station's roof as a moss-covered slab.

hoto taken May 28, 2000

← [Gallery Index](#)



This sheet embraces lots 119 through 127.

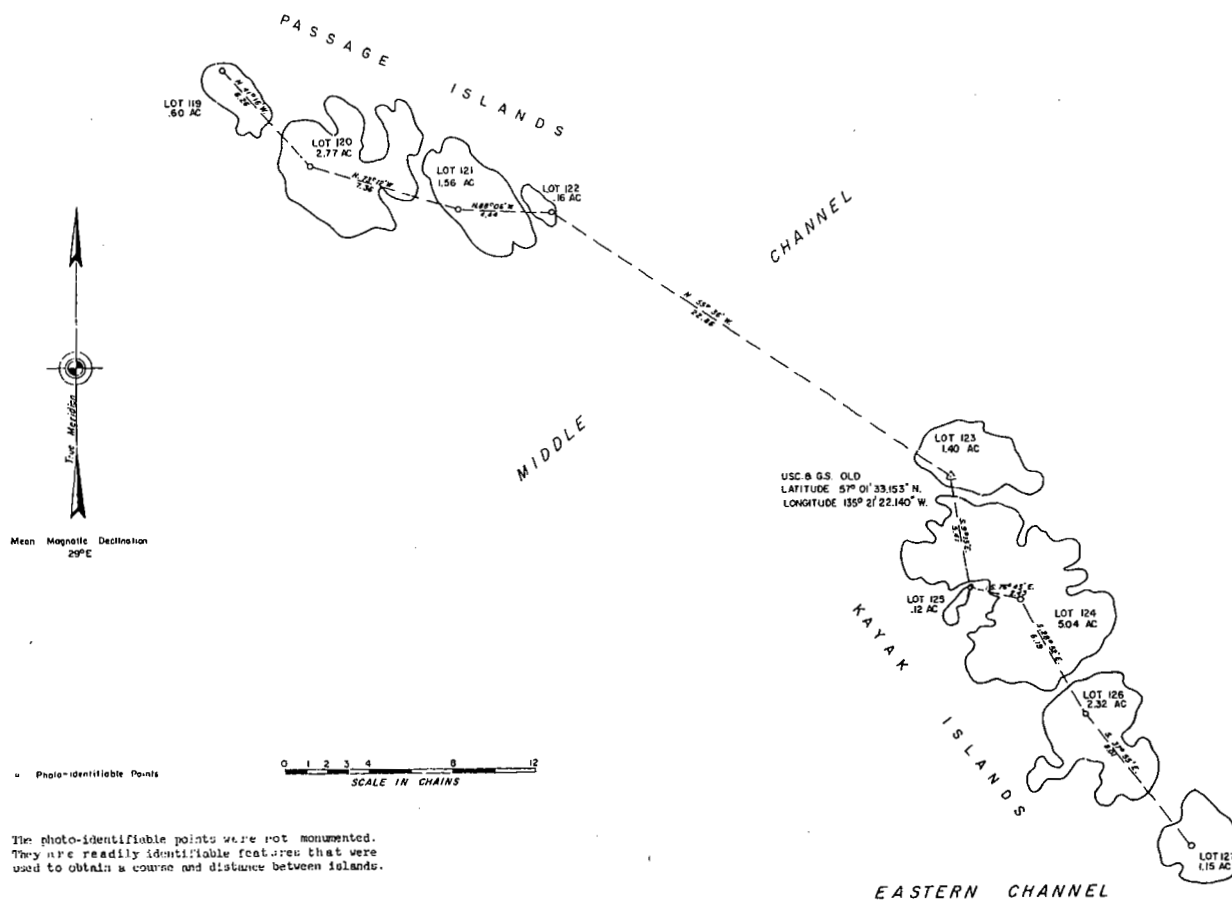
For survey information and relationship of this sheet to others, see Sheet No. 1.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C. October 5, 1965

This plot is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Chief, Division of Engineering



5.14.0 (A-2), D 5.1301

U. S. SURVEY
No. 3926 ALASKA

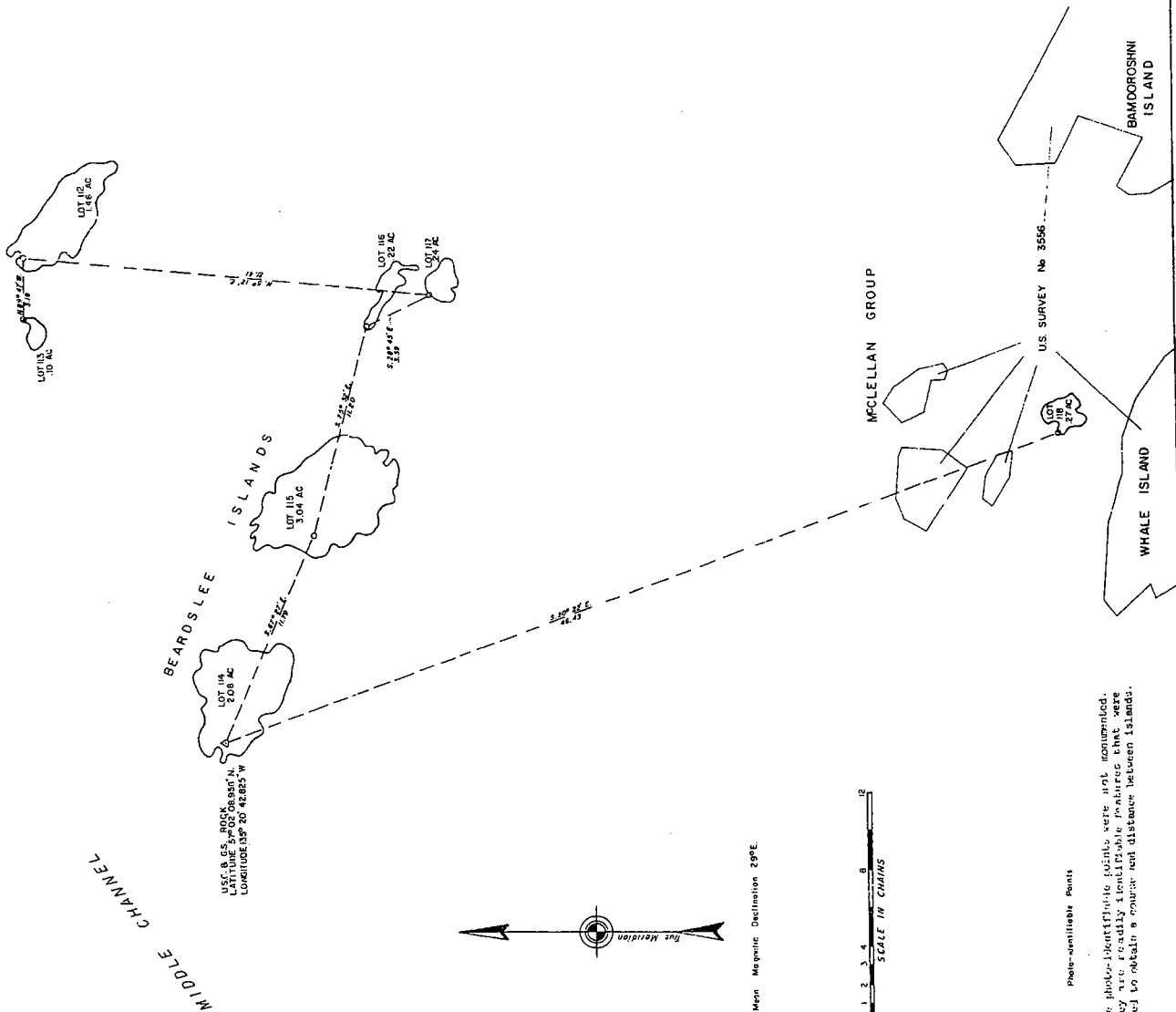
This sheet embraces lots 112 through 118.
For survey information and reimbursement
of this sheet to others, see Sheet No. 1.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C. October 3, 1965

This plat is strictly conformable to the ap-
proved field notes, and the survey, having
been correctly executed in accordance with
the requirements of law and the regulations
of this Bureau, is hereby accepted.

For the Director

Ed. J. [Signature]
Chief, Division of Engineering



Mean Magnetic Declination 290E.

0 Photo-identifiable Points

The photo-identifiable points were not monumented.
They are readily identifiable features that were
used to obtain a corner and distance between islands.

U.S. SURVEY No. 3926, ALASKA

This sheet embraces lots 107 through 111, and 113A.

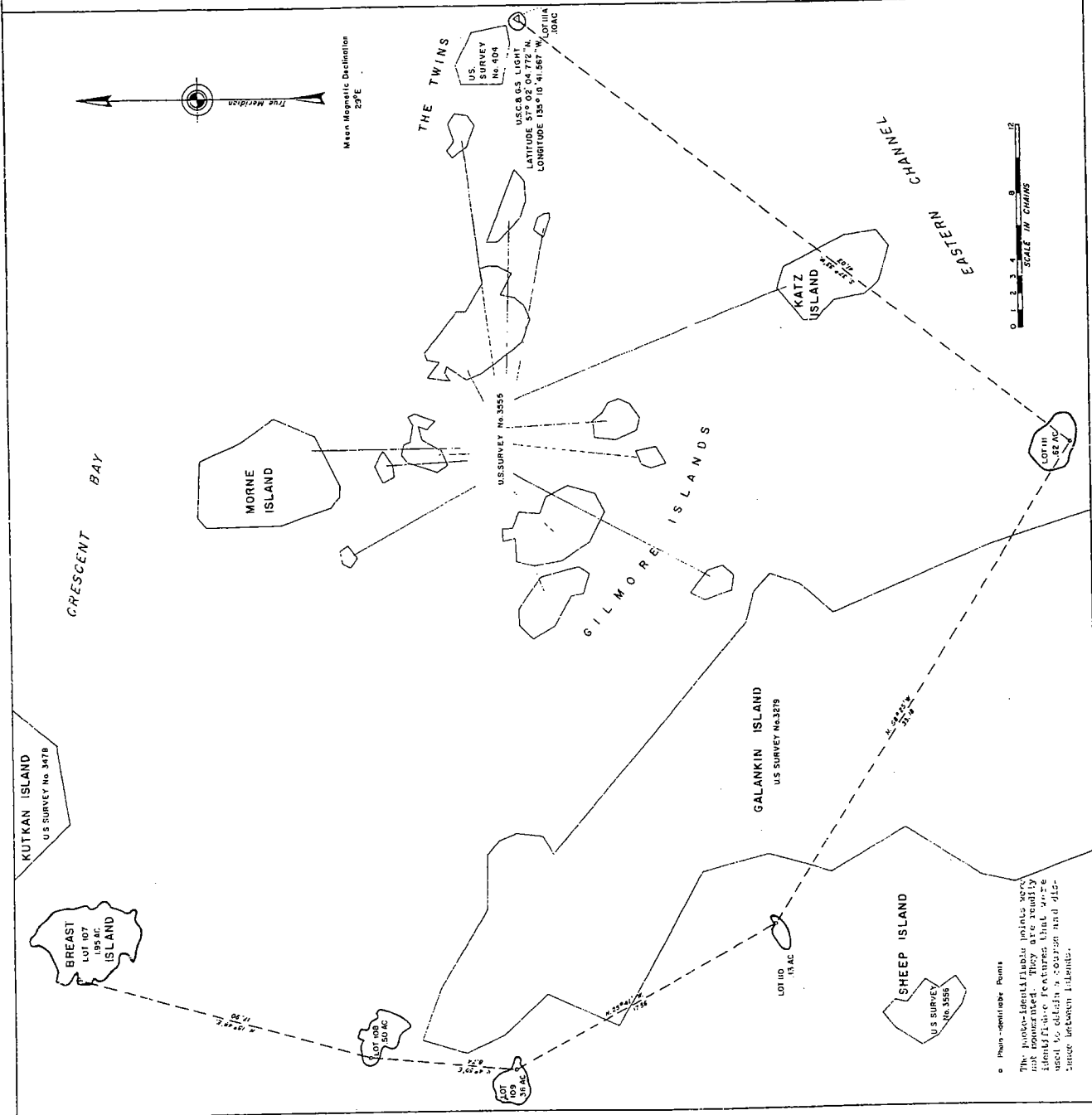
For survey information and relationship of this sheet to others, see Sheet No. 1.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C.
October 5, 1965

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

Edgington
Chief, Division of Engineering



This bearing should be N. 21° 23' 06" E. *7/24/75*

ORIGINAL

U. S. SURVEY
No. 3279, ALASKA

EMBRACING ALL OF GALANKIN ISLAND
SITUATED
APPROXIMATELY 1 MILE SOUTH OF SITKA, ALASKA
BETWEEN EASTERN AND MIDDLE CHANNELS
OF SITKA SOUND

AREA: 64.43 ACRES

Latitude 57° 02' 04" N. Longitude 135° 19' 41" W.
(approximate) (approximate)

At Auxiliary Meander Corner

Surveyed by

Harold Madcliffe, Cartographer (Cadastral)

December 27 and 28, 1953

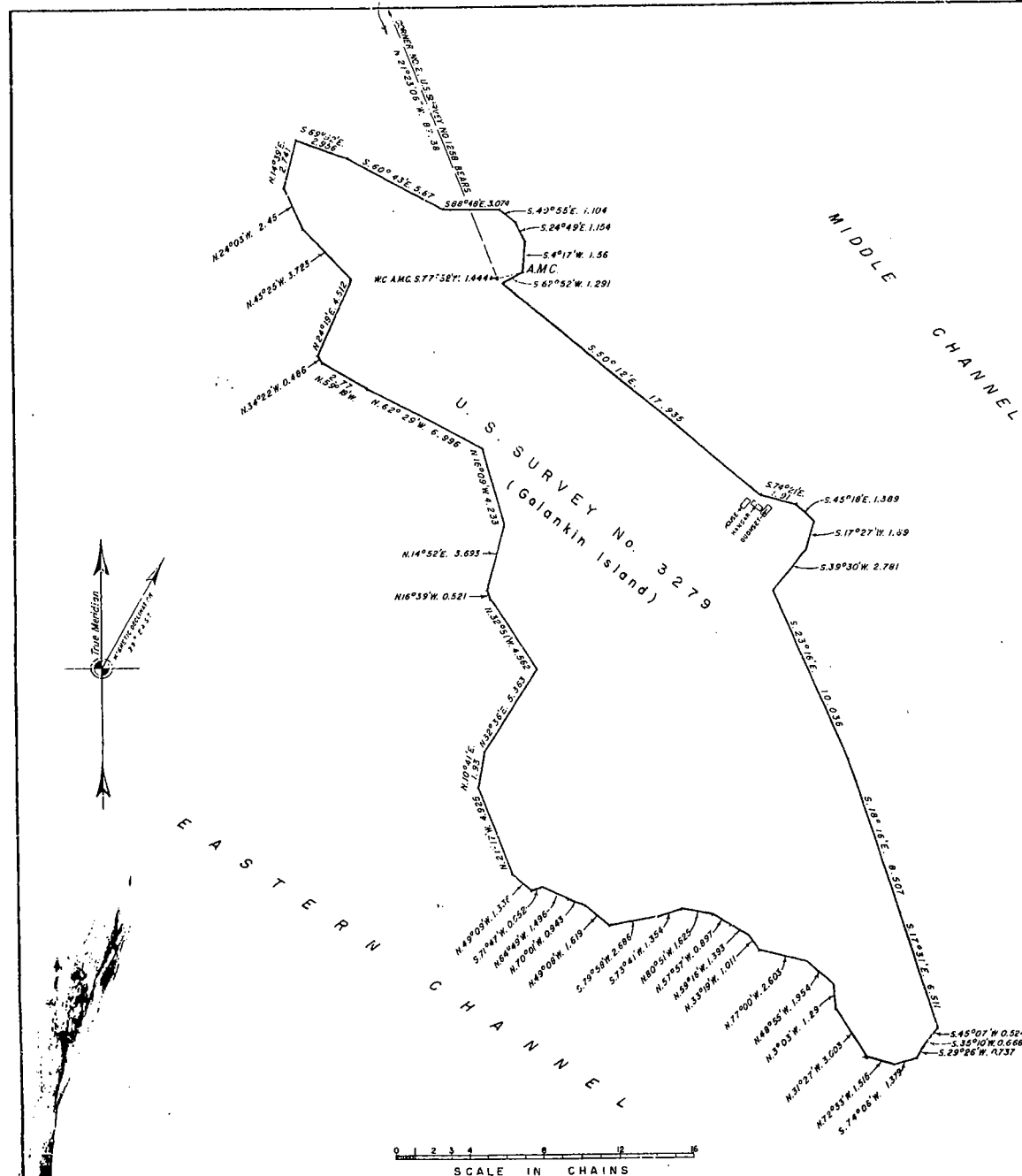
Under Special Instructions
dated April 21, 1953
and approved May 11, 1953.

UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management
Washington, D. C.
July 30, 1954

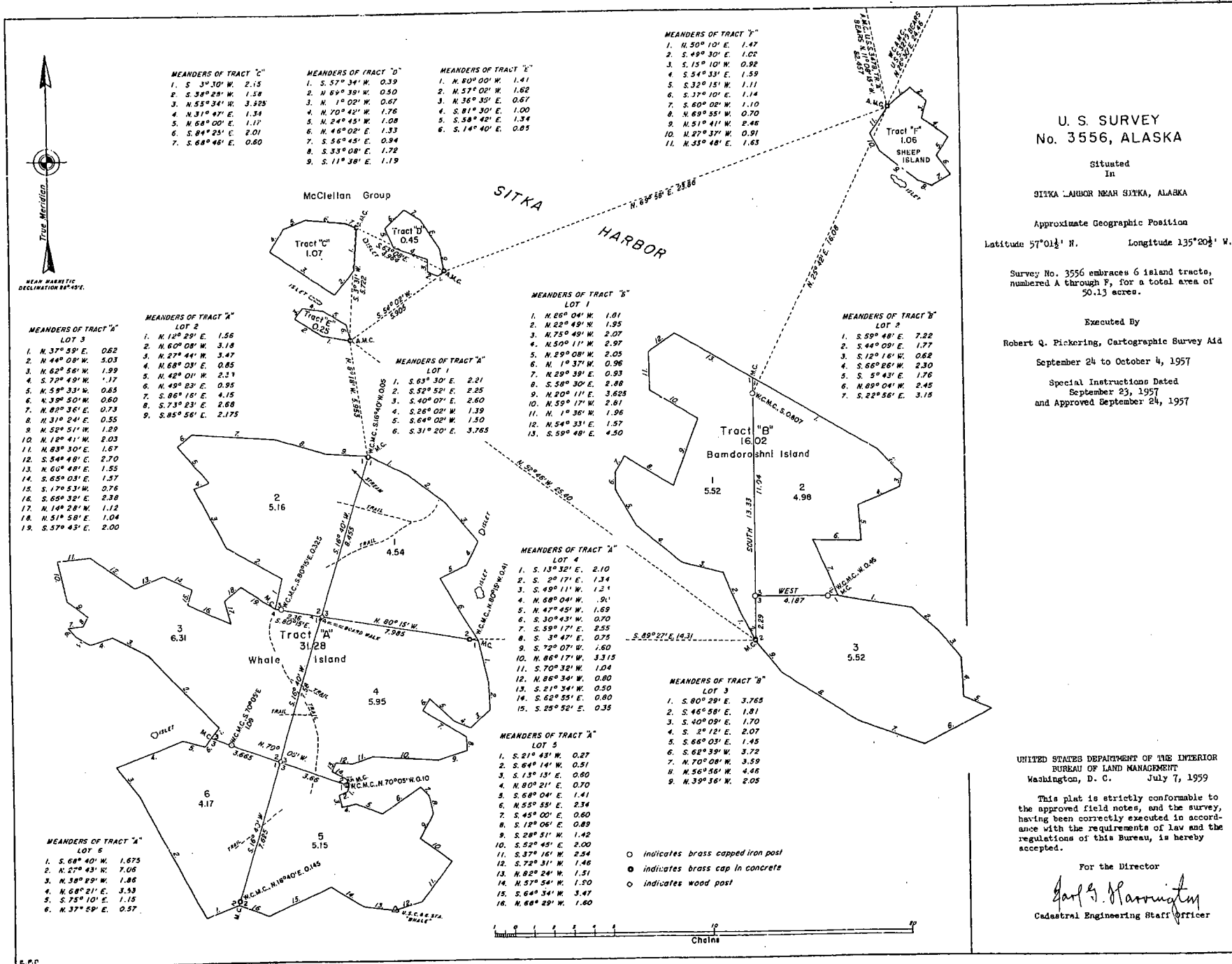
This plat is strictly conformable to the
approved field notes, and the survey,
having been correctly executed in accord-
ance with the requirements of law and the
regulations of this Bureau, is hereby
accepted.

For the Director

Earl S. Harrington
Cadastral Engineering Officer



D.S. 14/15015
A.S. 1663



SEC 11 TOWNSHIP 56S RANGE 63E OF THE COPPER RIVER MERIDIAN, ALASKA

LEGEND

BASE INFORMATION

- HYDROGRAPHY
- SURVEY LINE
- SURVEY LOT LINE
- TOWNSHIP/SECTION GRID
- 1/4 SECTION LINE
- HIGHWAY
- ROAD
- TRAIL
- RAILROAD
- ELECTRICAL POWER LINE
- TELEPHONE LINE
- PIPELINE
- AIRPORT/LANDING STRIP
- HORIZONTAL CONTROL
- CONTROL MONUMENT

STATUS INFORMATION

- TITLE
- BOUNDARY
- CLASSIFICATION
- DISPOSAL
- MUNICIPAL
- RESTRICTION
- FEDERAL ACTION
- MENTAL HEALTH TRUST
- LIMITS OF ACTION
- NAVIGATIONAL AID
- CABIN PERMIT
- TRAPPING CABIN PERMIT
- TRESPASS LOCATION

SURFACE WATER RIGHTS

- APPLICATION
- PERMIT
- CERTIFICATE

SUB-SURFACE WATER RIGHTS

- APPLICATION
- PERMIT
- CERTIFICATE

IN-STREAM FLOW RESERVATION

- APPLICATION
- CERTIFICATE

DAM, WEIR, BARRIER

- APPLICATION
- PERMIT
- CERTIFICATE

VICINITY MAP



6	5	4	3	2	1
7	6	5	4	3	2
8	7	6	5	4	3
9	8	7	6	5	4
10	9	8	7	6	5
11	10	9	8	7	6
12	11	10	9	8	7
13	12	11	10	9	8
14	13	12	11	10	9
15	14	13	12	11	10
16	15	14	13	12	11
17	16	15	14	13	12
18	17	16	15	14	13
19	18	17	16	15	14
20	19	18	17	16	15
21	20	19	18	17	16
22	21	20	19	18	17
23	22	21	20	19	18
24	23	22	21	20	19
25	24	23	22	21	20
26	25	24	23	22	21
27	26	25	24	23	22
28	27	26	25	24	23
29	28	27	26	25	24
30	29	28	27	26	25
31	30	29	28	27	26
32	31	30	29	28	27
33	32	31	30	29	28
34	33	32	31	30	29
35	34	33	32	31	30
36	35	34	33	32	31

GRAPHIC ILLUSTRATION ONLY.
SOURCE DOCUMENTS REMAIN THE OFFICIAL RECORD.
CONSULT LAND ADMINISTRATION SYSTEM (LAS)
CASEFILE FOR ADDITIONAL INFORMATION.

SCALE

1 inch = 400 feet
0 100 200 300 400 500 600 FEET

ATTENTION STATUS PLAT USERS: ON THIS PLAT, ALL STATUS
LINES CLOSE FOR ACTIONS THAT EXTEND INTO ADJACENT TOWNSHIPS.
THIS INCLUDES STATUS LINES SUCH AS DISPOSAL, MUNICIPAL, TITLE,
CLASSIFICATION, ETC. PLEASE REFER TO ADJACENT TOWNSHIPS OR LAS
TO DETERMINE IF ACTIONS EXTEND BEYOND THE BOUNDARIES SHOWN ON
THIS PLAT. REMEMBER TITLE, CLASSIFICATION, AND RESTRICTION LINES
ALWAYS CLOSE ON ALL PLATS.

LAND ESTATE

THE STATE OWNS ALL LAND UNDER WATERS THAT ARE NAVIGABLE,
OR FACT, AND SUBJECT TO THE EBB AND FLOW OF THE TIDES, OR
ARE RIPARIAN OR LITTORAL TO UPLANDS OWNED BY THE STATE.

BASED ON:

COORDINATES:
ALASKA STATE PLANE ZONE 1
SE CORNER OF TOWNSHIP:
X 2375583.777
Y 1877558.025
LAT 54 57 30.017 N
LONG 135 18 34.478 W

HYDROGRAPHY:
USS SITKA (AS) AND PORT ALEXANDER (DL) (DS)
REVISED BY USF'S FROM AERIAL HIGH ALTITUDE PHOTOGRAPHY
1994

LAND NAT:

ATL PHOTOGRAPHY DISGRAM CR14-6; APPROVED 02/12/1963
US 404: APPROVED 01/01/1904
US 407: APPROVED 03/14/1906
US 1734: APPROVED 01/01/1920
US 1474: ACCEPTED 02/14/1928
US 1496: ACCEPTED 02/27/1928; SUPPLEMENTAL PLAT
OFFICIALLY FILED 02/27/1928
US 242: ACCEPTED 03/27/1946
US 3370: ACCEPTED 02/20/1954
US 3474: ACCEPTED 06/01/1958
US 3476: ACCEPTED 04/16/1958
US 3535: ACCEPTED 02/22/1959
US 3536: ACCEPTED 03/07/1959
US 3539: ACCEPTED 06/01/1960
US 3536: ACCEPTED 06/01/1960
US 3536: ACCEPTED 06/01/1960
US 4891: ACCEPTED 01/14/1967
ASLS 196001: FILED 09/01/1970; NOT DISPATCHED
ASLS 810001: REFLECT A SUBMISSION OF ASLS 789001; FILED
01/11/1966
ASLS 80001: RECORDED 09/14/1993
ASLS 87001: RECORDED 07/15/1998
ATL 15: UNAPPROVED
ATL 328: APPROVED 01/01/1972
ATL 600: APPROVED 06/01/1972
ATL 1002: FILED 12/01/1974
ATL 1071: FILED 09/25/1993
ATL 1101: FILED 09/01/1996
ATL 1151: FILED 06/27/1998

OTHER ACTIONS AFFECTING DISPOSAL OR USE OF STATE LANDS:
SEE THE LAS CASEFILE OR ORIGINAL SOURCE DOCUMENTS FOR
ADDITIONAL INFORMATION.

ENTIRELY WITH SITKA RECORDING INSTRUCT
ENTIRELY WITH CITY & BOROUGHS OF SITKA
TINCHES NATIONAL FOREST BOUNDARY WITHIN THIS TOWNSHIP.
REFER TO BIA'S ALSTER TITLE PLAT (NSP) FOR LOCATION
SPL 11: PATENT 50-90-000, 1/8 SUPPLEMENTAL PLAT OF USS
1496; OFFICIALLY FILED 02/27/1928
OIL 16: ADDITION TO EXISTING TOWNSHIP LINE; EXACT LOCATION
WITHIN OIL 466 UNKNOWN
OIL 15: LAND AND MINERAL ESTATE
OIL 152: LAND AND MINERAL ESTATE
OIL 153: LAND AND MINERAL ESTATE
OIL 154: LAND AND MINERAL ESTATE
OIL 466: LAND ESTATE ONLY
OIL 372: LAND ESTATE ONLY
OIL 476: LAND ESTATE ONLY
CL 32-97-004, STATE TIDE AND SUBMERGED LANDS ONLY

ATTENTION: MENTAL HEALTH LAND INFORMATION

SHADED AREAS (SEE LEGEND) ARE MENTAL HEALTH TRUST LAND.
CONSULT THE TRUST LAND OFFICE FOR FURTHER INFORMATION.

ORIGINAL MENTAL HEALTH GRANT LAND (MH) NOT SHAPED AS MENTAL
HEALTH TRUST LAND AND NOT CONVEYED TO A TRUST PART FROM
TO JUNE 24, 1994 IS REDESIGNATED AS GENERAL GRANT LAND
PURSUANT TO SECTIONS 6 AND 7, CHAPTER 1, SSILA 1994.



A PRODUCT OF THE
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
LAND RECORDS INFORMATION SECTION

SEC 11
I.E.

TWP 56S
RNG 63E
CRM

PLAT CURRENT TO 06/27/2000, REFER TO THE ENR

STATUS PLAT TRACKING SYSTEM (01/45/09/02) FOR

OTHER PENDING ACTIONS ON THIS TOWNSHIP PLAT

CHECKED BY:

Manual to ARC

TOWNSHIP 56S RANGE 63E OF THE COPPER RIVER MERIDIAN, ALASKA

LEGEND

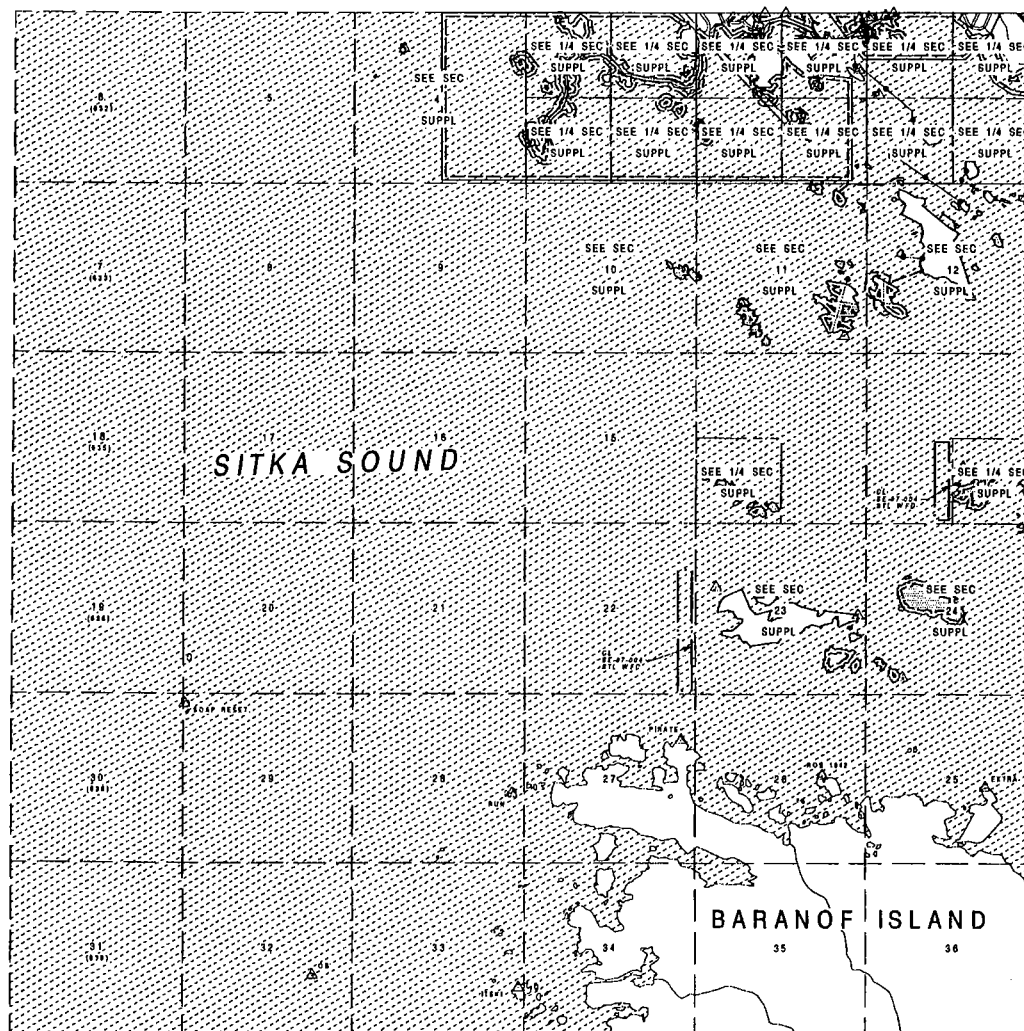
BASE INFORMATION

- HYDROGRAPHY
- SURVEY LINE
- SURVEY LOT LINE
- TOWNSHIP/SECTION GRID
- 1/4 SECTION LINE
- HIGHWAY
- ROAD
- TRAIL
- RAILROAD
- ELECTRICAL POWER LINE
- TELEPHONE LINE
- PIPELINE
- AIRPORT/LANDING STRIP
- HORIZONTAL CONTROL
- CONTROL MONUMENT

STATUS INFORMATION

- TITLE
- BOUNDARY
- CLASSIFICATION
- DISPOSAL
- MUNICIPAL
- RESTRICTION
- FEDERAL ACTION
- MENTAL HEALTH TRUST
- LIMITS OF ACTION
- NAVIGATIONAL AID
- CABIN PERMIT
- TRAPPING CABIN PERMIT
- TRESPASS LOCATION
- SURFACE WATER RIGHTS APPLICATION
- SURFACE WATER RIGHTS PERMIT
- SURFACE WATER RIGHTS CERTIFICATE
- SUB-SURFACE WATER RIGHTS APPLICATION
- SUB-SURFACE WATER RIGHTS PERMIT
- SUB-SURFACE WATER RIGHTS CERTIFICATE
- IN-STREAM FLOW RESERVATION APPLICATION
- IN-STREAM FLOW RESERVATION CERTIFICATE
- DAM, WEIR, BARRIER APPLICATION
- DAM, WEIR, BARRIER PERMIT
- DAM, WEIR, BARRIER CERTIFICATE

VICINITY MAP



STATUS PLAT

THE STATE OWNS ALL LAND UNDER WATERS THAT ARE NAVIGABLE - IN FACT ARE SUBJECT TO THE EBB AND FLOW OF THE TIDES, OR ARE RIPARIAN OR LITTORAL TO UPLANDS OWNED BY THE STATE.

BASED ON:

COORDINATES:
ALASKA STATE PLANE ZONE 1
SE CORNER OF TOWNSHIP:
E 157584.777
N 187958.425
LAT 56 57 50.017 N
LONG 135 18 34.478 W

HYDROGRAPHY:
USGS SETA (A4) (A5) AND PORT ALEXANDER (D4) (D5)
REVISED BY USGS FROM ALASKA HIGH ALTITUDE PHOTOGRAPHY
1994

LAND NET:

ADL PROTRACTION DIAGRAM CR14-6, APPROVED 07/17/1965
USS 406: APPROVED 04/06/1964
USS 407: APPROVED 07/06/1965
USS 724: APPROVED 01/16/1960
USS 1474: ACCEPTED 07/06/1965
USS 1498: ACCEPTED 04/27/1966
OFFICIALLY FILED 04/28/1966
USS 2242: ACCEPTED 03/24/1966
USS 3278: ACCEPTED 07/06/1964
USS 3478: ACCEPTED 04/16/1965
USS 3479: ACCEPTED 04/16/1965
USS 3535: ACCEPTED 01/23/1969
USS 3536: ACCEPTED 07/06/1969
USS 3603: ACCEPTED 04/02/1960
USS 3608: ACCEPTED 07/06/1965
USS 4091: ACCEPTED 01/16/1967
ASLS 78001: FILED 01/16/1967, NOT DEPICTED
ASLS 10001: REPEAT & SUBMITTANCE OF ASLS 78001; FILED
01/16/1968
ASLS 80001: RECORDED 06/14/1992
ASLS 80001: RECORDED 07/15/1998
ATS 11: UNAPPROVED
ATS 206: APPROVED 06/23/1972
ATS 540: APPROVED 06/24/1971
ATS 1042: FILED 12/29/1976
ATS 1071: FILED 08/25/1981
ATS 1355: FILED 12/29/1986
ATS 1355: FILED 06/17/1988

OTHER ACTIONS AFFECTING DISPOSAL OR USE OF STATE LANDS:
SEE THE LAS CASEFILE OR ORIGINAL SOURCE DOCUMENTS FOR
ADDITIONAL INFORMATION.

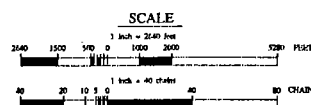
ENTIRELY WITH SITKA RECORDING DISTRICT
ENTIRELY WITH CITY & BOROUGH OF SITKA
PONGASSE NATIONAL FOREST BOUNDARY WITHIN THIS TOWNSHIP.
REFER TO BLM'S MASTER TITLE PLAT (MTP) FOR LOCATION
SP-1: PATENT SOLD TO 1007, PER SUPPLEMENTAL PLAT OF USS
1498, OFFICIALLY FILED 04/28/1966
OSL 14: ADDITION TO EXISTING PIONEERS HOME, EXACT LOCATION
WITHIN OSL 406 UNRECORDED
OSL 55: LAND AND MINERAL ESTATE
OSL 153: LAND AND MINERAL ESTATE
OSL 154: LAND AND MINERAL ESTATE
OSL 156: LAND AND MINERAL ESTATE
OSL 157: LAND ESTATE ONLY
OSL 158: LAND ESTATE ONLY
CL SE-97-994, STATE TIDE AND SURMISED LANDS ONLY

ATTENTION: MENTAL HEALTH LAND INFORMATION

SHADED AREAS (SEE LEGEND) ARE MENTAL HEALTH TRUST LAND.
CONSULT THE TRUST LAND OFFICE FOR FURTHER INFORMATION.

ORIGINAL MENTAL HEALTH GRANT LAND (MHL) NOT SHADED AS MENTAL
HEALTH TRUST LAND AND NOT CONVEYED TO A THIRD PARTY PRIOR
TO JUNE 24, 1994 IS REDESIGNATED AS GENERAL GRANT LAND
PURSUANT TO SECTIONS 6 AND 7, CHAPTER 1, SCSLA 1994.

GRAPHIC ILLUSTRATION ONLY.
SOURCE DOCUMENTS REMAIN THE OFFICIAL RECORD.
CONSULT LAND ADMINISTRATION SYSTEM (LAS)
CASEFILE FOR ADDITIONAL INFORMATION.



ATTENTION STATUS PLAT USERS: ON THIS PLAT, ALL STATUS
LINES CLOSE FOR ACTIONS THAT EXTEND INTO ADJACENT TOWNSHIPS.
THIS INCLUDES STATUS LINES SUCH AS DISPOSAL, MUNICIPAL, TITLE,
CLASSIFICATION, ETC. PLEASE REFER TO ADJACENT TOWNSHIPS OR LAS
TO DETERMINE IF ACTIONS EXTEND BEYOND THE BOUNDARIES SHOWN ON
THIS PLAT. REMEMBER TITLE, CLASSIFICATION, AND RESTRICTION LINES
ALWAYS CLOSE ON ALL PLATS.



PLAT CURRENT TO 06/15/2000, REFER TO THE DNR
STATUS PLAT TRACKING SYSTEM (STAS) FOR
OTHER PENDING ACTIONS ON THIS TOWNSHIP/PLAT
CHECKED BY: *ESL*

Revised to ARC

SP
TWP 56S
RNG 63E
CRM

ATTACHMENT B
LIST OF COMPOUNDS ANALYZED

Polynuclear Aromatic Hydrocarbons (PAHs)

Naphthalene
2-Methylnaphthalene
2-Chloronaphthalene
Acenaphthylene
Acenaphthene
Fluorene
Phenanthrene
Anthracene
Fluoranthene
Pyrene
Benzo(a)anthracene
Chrysene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Benzo(a)pyrene
Indeno(1,2,3-cd)pyrene
Dibenzo(a,h)anthracene
Benzo(g,h,i)perylene

Polychlorinated Biphenyls (PCBs)

Aroclor 1016
Aroclor 1221
Aroclor 1232
Aroclor 1242
Aroclor 1248
Aroclor 1254
Aroclor 1260

Total Petroleum Hydrocarbons (TPHs)

ATTACHMENT C
RAW ANALYTICAL DATA

PAH's by EPA 8270

Date Extracted: 4-6-99
Date Analyzed: 4-8-99

Matrix: Soil
Units: mg/kg (ppm)

Lab ID: 04-034-01
Client ID: 99040001

Compound:	Results	Flags	PQL
Naphthalene	ND		1.4
2-Methylnaphthalene	ND		1.4
Acenaphthylene	ND		1.4
Acenaphthene	ND		1.4
Fluorene	ND		1.4
Phenanthrene	ND		1.4
Anthracene	ND		1.4
Fluoranthene	ND		1.4
Pyrene	ND		1.4
Benzo[a]anthracene	ND		1.4
Chrysene	ND		1.4
Benzo[b]fluoranthene	ND		1.4
Benzo[k]fluoranthene	ND		1.4
Benzo[a]pyrene	ND		1.4
Indeno[1,2,3-cd]pyrene	ND		1.4
Dibenz[a,h]anthracene	ND		1.4
Benzo[g,h,i]perylene	ND		1.4

Surrogate :	Percent Recovery	Flags	Control Limits
Nitrobenzene-d5	22	*	23 - 120
2-Fluorobiphenyl	50		30 - 115
Terphenyl-d14	45		18 - 137

PAH's by EPA 8270

Date Extracted: 4-6-99

Date Analyzed: 4-8-99

Matrix: Soil

Units: mg/kg (ppm)

Lab ID: 04-034-03

Client ID: 99040003

Compound:	Results	Flags	PQL
Naphthalene	ND		0.29
2-Methylnaphthalene	ND		0.29
Acenaphthylene	ND		0.29
Acenaphthene	ND		0.29
Fluorene	ND		0.29
Phenanthrene	ND		0.29
Anthracene	ND		0.29
Fluoranthene	ND		0.29
Pyrene	ND		0.29
Benzo[a]anthracene	ND		0.29
Chrysene	ND		0.29
Benzo[b]fluoranthene	ND		0.29
Benzo[k]fluoranthene	ND		0.29
Benzo[a]pyrene	ND		0.29
Indeno[1,2,3-cd]pyrene	ND		0.29
Dibenz[a,h]anthracene	ND		0.29
Benzo[g,h,i]perylene	ND		0.29

Surrogate :	Percent Recovery	Flags	Control Limits
Nitrobenzene-d5	53		23 - 120
2-Fluorobiphenyl	68		30 - 115
Terphenyl-d14	60		18 - 137

PCB'S BY 8082

Date Extracted: 4-8-99
Date Analyzed: 4-9-99

Matrix: Soil
Units: mg/Kg (ppm)

Lab ID: 04-034-01
Client ID: 99040001

	Result	PQL
Aroclor 1016:	ND	0.22
Aroclor 1221:	ND	0.22
Aroclor 1232:	ND	0.22
Aroclor 1242:	ND	0.22
Aroclor 1248:	ND	0.22
Aroclor 1254:	ND	0.22
Aroclor 1260:	ND	0.22

Surrogate	Percent Recovery	Control Limits
Decachlorobiphenyl	51	48 - 148

Flags: X

PCB'S BY 8082

Date Extracted: 4-8-99
Date Analyzed: 4-9-99

Matrix: Soil
Units: mg/Kg (ppm)

Lab ID: 04-034-03
Client ID: 99040003

	Result	PQL
Aroclor 1016:	ND	0.22
Aroclor 1221:	ND	0.22
Aroclor 1232:	ND	0.22
Aroclor 1242:	ND	0.22
Aroclor 1248:	ND	0.22
Aroclor 1254:	ND	0.22
Aroclor 1260:	ND	0.22

Surrogate	Percent Recovery	Control Limits
Decachlorobiphenyl	55	48 - 148

Flags: X

TPH BY 418.1

Date Extracted: 04-07-99
Date Analyzed: 04-07-99

Matrix: Soil
Units: mg/Kg (ppm)

Client ID:	99040001	99040002	99040003
Lab ID:	04-034-01	04-034-02	04-034-03

Total Petroleum Hydrocarbon	2700	150	120
PQL:	110	120	110

Flags:

ATTACHMENT D

**ALASKA DEPARTMENT OF ENVIRONMENTAL CONSERVATION
ECOLOGICAL CHECKLISTS**

ECOLOGICAL CHECKLIST #1: GENERAL

1. SITE NAME: Galankin Island Defense Site
ADEC LO: _____
2. LOCATION: Whale Island, Sitka Sound
Kayak Island, Sitka Sound
3. LATITUDE: _____
4. LONGITUDE: _____
5. APPROXIMATE SITE AREA: _____
6. DATES OF SITE VISITS:
4/1/99 - Whale Island
4/2/99 - Kayak Island

☐ ATTACH USGS TOPOGRAPHIC MAP
☐ ATTACH AVAILABLE PHOTOS
7. LAND USE ON THE SITE
_____% RESIDENTIAL
_____% RURAL
_____% URBAN
_____% INDUSTRIAL/COMMERCIAL
_____% AGRICULTURAL
_____% RECREATIONAL
100 % FOREST/WOODED
_____% WETLANDS
_____% UNDISTURBED
_____% OTHER (ABANDONED PROPERTY)
8. LAND USE SURROUNDING THE SITE
_____% RESIDENTIAL
_____% RURAL
_____% URBAN
_____% INDUSTRIAL/COMMERCIAL
_____% AGRICULTURAL
_____% RECREATIONAL
_____% FOREST/WOODED
_____% WETLANDS
_____% UNDISTURBED
100 % OTHER (Sitka Sound)

ECOLOGICAL CHECKLIST #2: TERRESTRIAL

A. WOODED AREAS

1. ARE THERE WOODED AREAS AT THE SITE

- ☒ YES
☐ NO

2. PERCENTAGE OF SITE WOODED

100 %
 acres

3. DOMINANT TYPE OF VEGETATION

- ☒ DECIDUOUS
☐ MIXED
☐ OTHER

4. DOMINANT TREE SIZE BY DIAMETER

- ☐ 0-6 INCH
☐ 6-12 INCH
☒ > 12 INCH

B. SHRUB/SCRUB

1. IS THERE SHRUB/SCRUB VEGETATION PRESENT AT THE SITE

- ☐ YES
☒ NO

2. PERCENTAGE OF SITE COVERED WITH SHRUB/SCRUB

 %
 acres

3. DOMINANT TYPE OF VEGETATION

- ☐
☐

**ECOLOGICAL CHECKLIST #3:
AQUATIC-FLOWING SYSTEMS**

1. TYPE OF FLOWING WATER SYSTEMS PRESENT AT THE SITE
- ☐ RIVER
 - ☐ PERENNIAL
 - ☐ INTERMITTENT
 - ☐ STREAM
 - ☐ PERENNIAL
 - ☐ INTERMITTENT
 - ☒ CREEK
 - ☐ BROOK
 - ☐ DRY WASH
 - ☐ MAN-MADE (DITCH, ETC.)
 - ☐ ARROYO
 - ☐ INTERMITTENT STREAM
 - ☐ CHANNELING SPARSE
 - ☐ LAKE OR POND
 - ☐ TIDAL STREAM
 - ☐ BAY
 - ☐ ESTUARY
 - ☐ OTHER
2. GENERAL COMPOSITION OF SUBSTRATE
- ☐ BEDROCK
 - ☐ SAND
 - ☐ SILT
 - ☐ BOULDER
 - ☐ COBBLE
 - ☐ GRAVEL
 - ☐ MARL
 - ☐ CLAY
 - ☒ MUCK
 - ☐ DEBRIS
 - ☐ MUCK
 - ☐ CONCRETE
 - ☐ OTHER
3. CONDITION OF THE BANK - HEIGHT, SLOPE, ETC.
4. FLOW INTERMITTENT
- ☐ YES
 - ☒ NO

**ECOLOGICAL CHECKLIST #4:
AQUATIC NON-FLOWING SYSTEMS**

1. TYPE OF OPEN WATER NON-FLOWING SYSTEMS PRESENT AT SITE
FLOWING WATER SYSTEMS PRESENT AT SITE
☐ NATURAL
☐ MAN MADE
2. KNOWN USES OF WATER BODY
☐ RECREATIONAL
☐ NAVIGATIONAL
☐ SUBSISTENCE
☐ OTHER
3. APPROXIMATE SIZE OF WATER BODY
_____ ACRES
4. TYPE OF AQUATIC VEGETATION PRESENT
☐ EMERGENT
☐ SUBMERGENT
☐ FLOATING
5. DEPTH OF WATER
_____ FEET
6. GENERAL COMPOSITION OF SUBSTRATE
☐ BEDROCK
☐ SAND
☐ SILT
☐ BOULDER
☐ COBBLE
☐ GRAVEL
☐ MARL
☐ CLAY
☐ MUCK
☐ DEBRIS
☐ MUCK
☐ CONCRETE
☐ OTHER

ECOLOGICAL CHECKLIST #5: WETLANDS

1. ANY DESIGNATED OR KNOWN WETLANDS AT THE SITE

- ☒ YES
☐ NO

2. ARE WETLAND HABITATS EXPECTED

- ☒ YES
☐ NO

3. TYPES OF VEGETATION PRESENT

- ☐ EMERGENT
☐ SUBMERGENT
☐ SCRUB/SHRUB
☐ WOODED
☒ OTHER

4. DISCHARGE FROM SITE TO WETLANDS

- ☒ YES
☐ NO

5. DISCHARGE FROM WETLAND

- | | | |
|--|----------------------------------|--|
| <input type="checkbox"/> RIVER STREAM | <input type="checkbox"/> ON-SITE | <input type="checkbox"/> OFF-SITE |
| <input type="checkbox"/> GROUNDWATER | <input type="checkbox"/> ON-SITE | <input type="checkbox"/> OFF-SITE |
| <input type="checkbox"/> LAKE/POND | <input type="checkbox"/> ON-SITE | <input type="checkbox"/> OFF-SITE |
| <input checked="" type="checkbox"/> MARINE | <input type="checkbox"/> ON-SITE | <input checked="" type="checkbox"/> OFF-SITE |

Kayak Island

A base end station and double searchlight control station (DEC) for searchlights 13 and 14 occupied Kayak Island.

Base End Station

The base end station on Kayak Island is only 36 feet above sea level. It served as the B2 station for Battery 292 at Fort Rousseau.

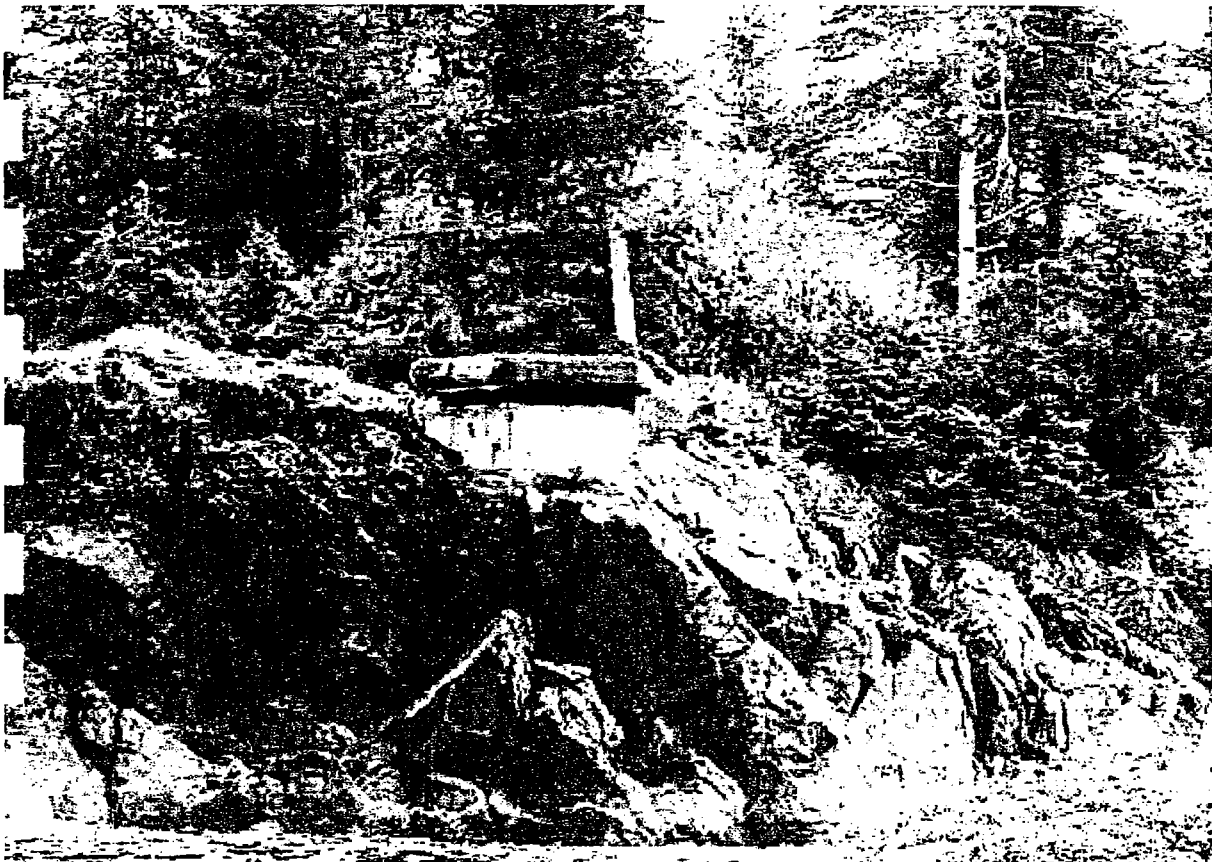
base end station exterior.



The base end station front. The double DEC is just visible above and to the left of the base end station's roof as a moss-covered slab.

hoto taken May 28, 2000

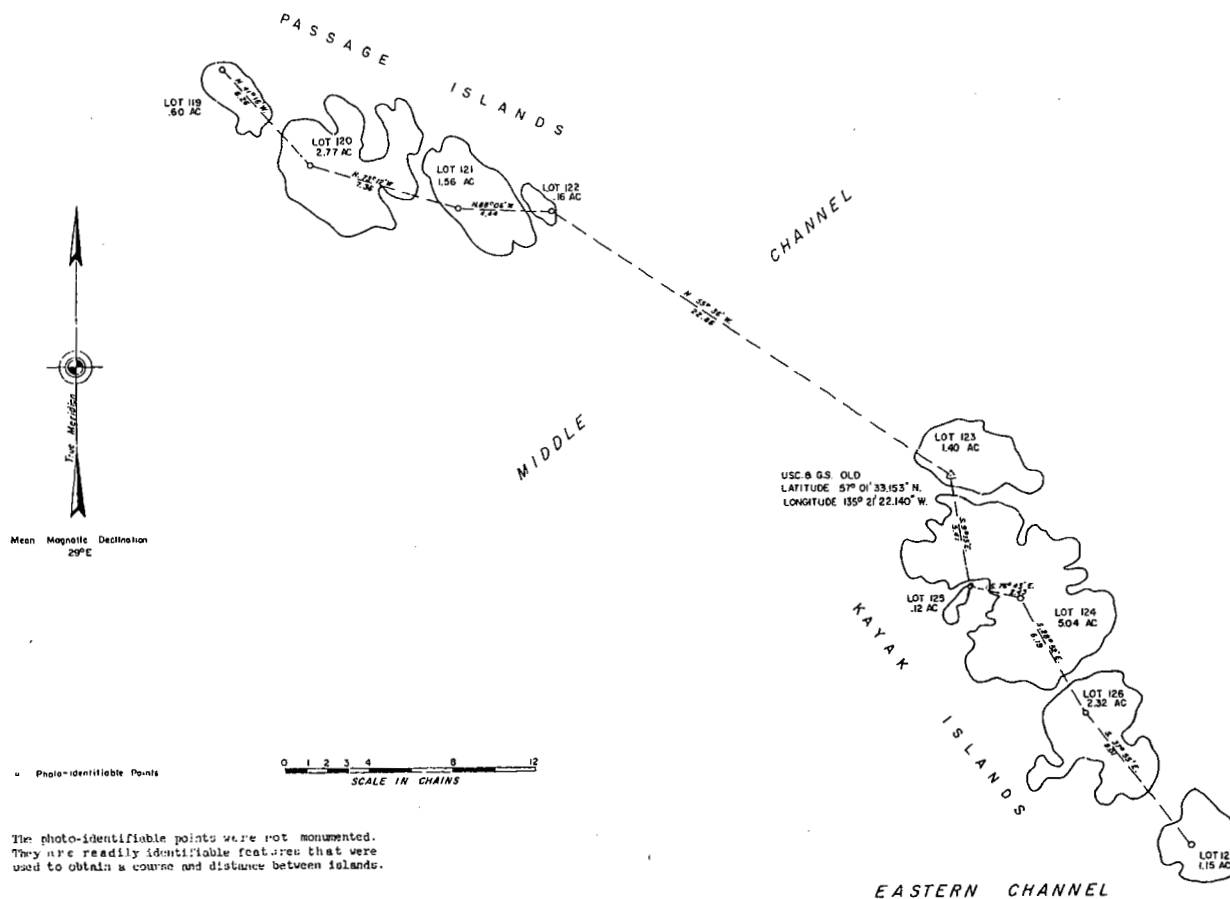
← [Gallery Index](#)



U. S. SURVEY
No. 3926 ALASKA

This sheet embraces lots 119 through 127.

For survey information and relationship
of this sheet to others, see Sheet No. 1.



UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C. October 5, 1965

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

E. J. Livingston
Chief, Division of Engineering

U. S. SURVEY
No. 3926 ALASKA

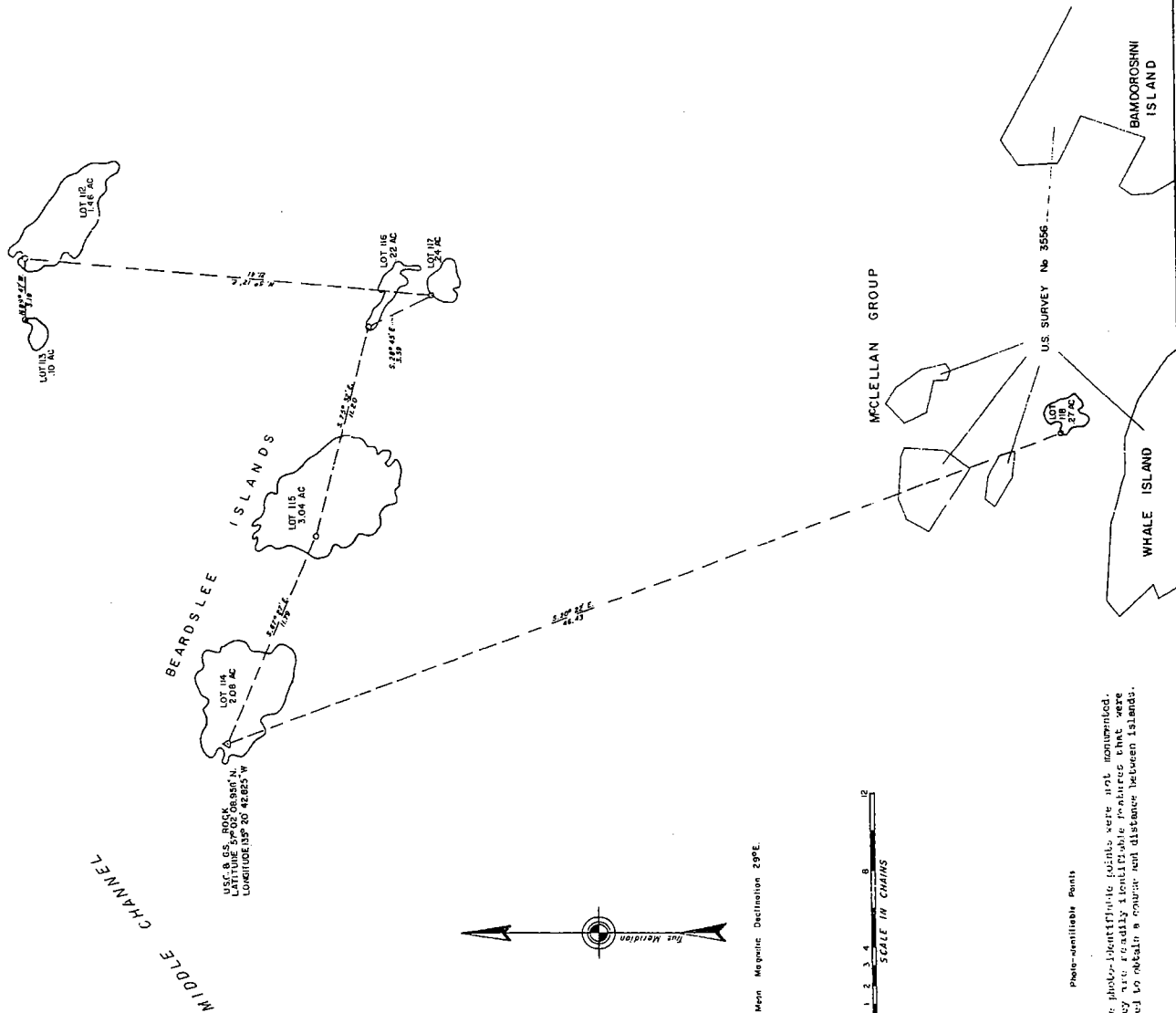
This sheet embraces lots 112 through 118.
For survey information and reimbursement
of this sheet to others, see Sheet No. 1.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C. October 3, 1965

This plat is strictly conformable to the ap-
proved field notes, and the survey, having
been correctly executed in accordance with
the requirements of law and the regulations
of this Bureau, is hereby accepted.

For the Director

Ed. J. [Signature]
Chief, Division of Engineering



Mean Magnetic Declination 29° E.



0 Photo-identifiable Points

The photo-identifiable points were not monumented.
They are readily identifiable features that were
used to obtain a measured distance between islands.

U.S. SURVEY No. 3926, ALASKA

This sheet embraces lots 107 through 111, and 113A.

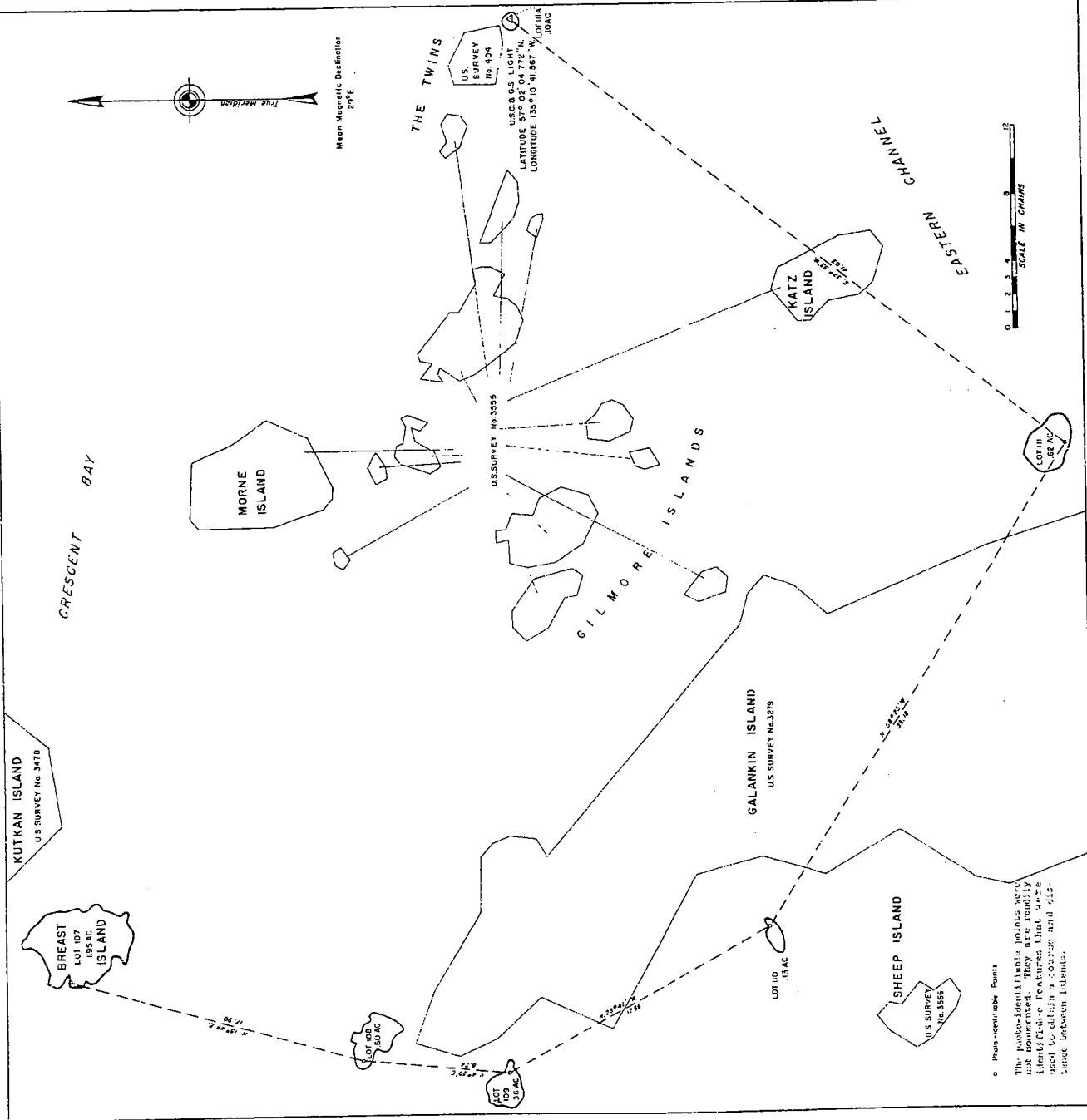
For survey information and relationship of this sheet to others, see Sheet No. 1.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Washington, D. C.
October 5, 1965

This plat is strictly conformable to the approved field notes, and the survey, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

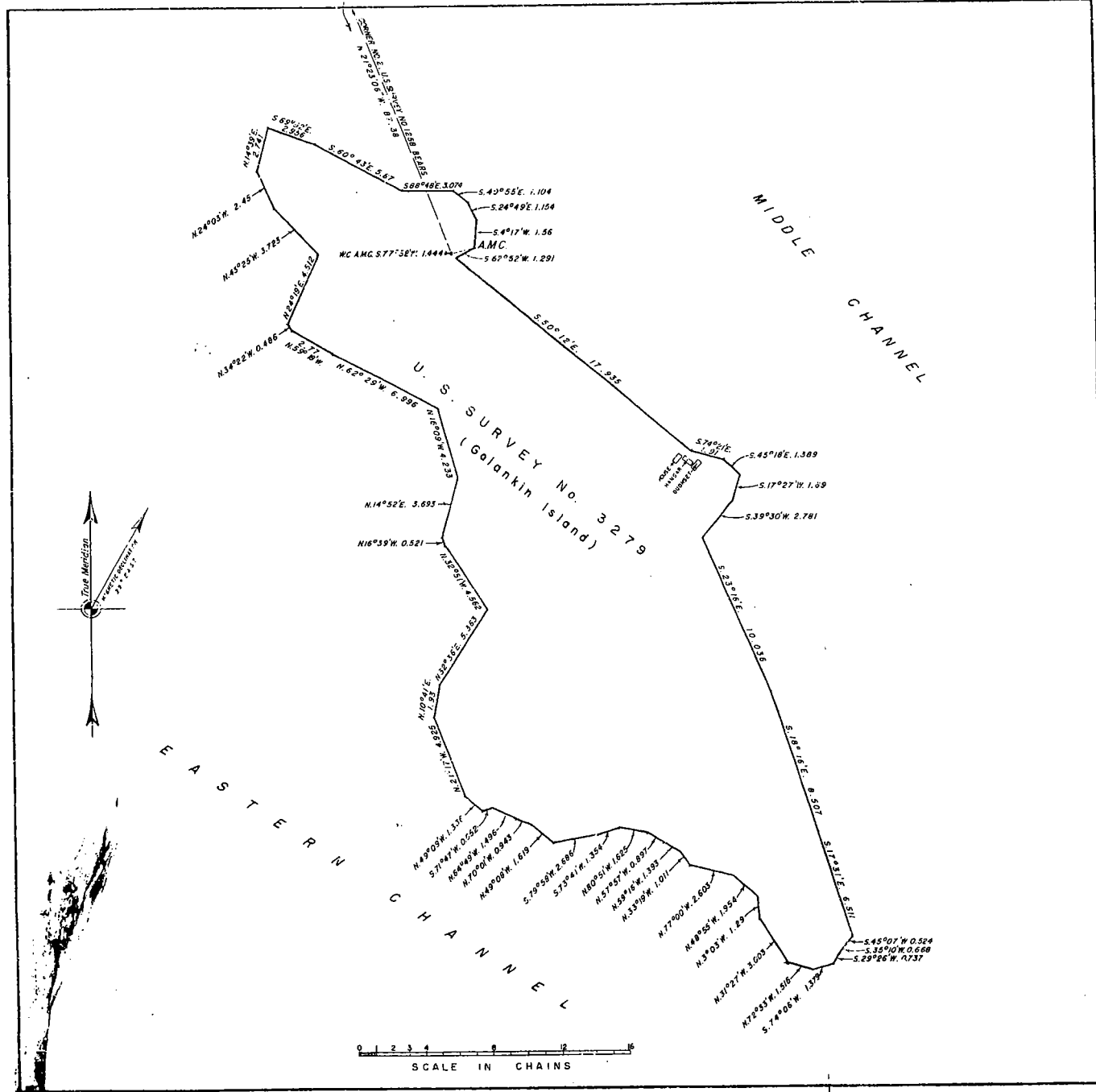
For the Director

Edgington
Chief, Division of Engineering



This bearing should be N. 21° 23' 06" E. 756.55

ORIGINAL



U. S. SURVEY No. 3279, ALASKA

EMBRACING ALL OF GALANKIN ISLAND
SITUATED
APPROXIMATELY 1 MILE SOUTH OF SITKA, ALASKA
BETWEEN EASTERN AND MIDDLE CHANNELS
OF SITKA SOUND

AREA: 64.43 ACRES

Latitude 57° 02' 04" N. Longitude 135° 19' 41" W.
(approximate) (approximate)

At Auxiliary Meander Corner

Surveyed by

Harold Maccliffe, Cartographer (Cadastral)

December 27 and 28, 1953

Under Special Instructions
dated April 21, 1953
and approved May 11, 1953.

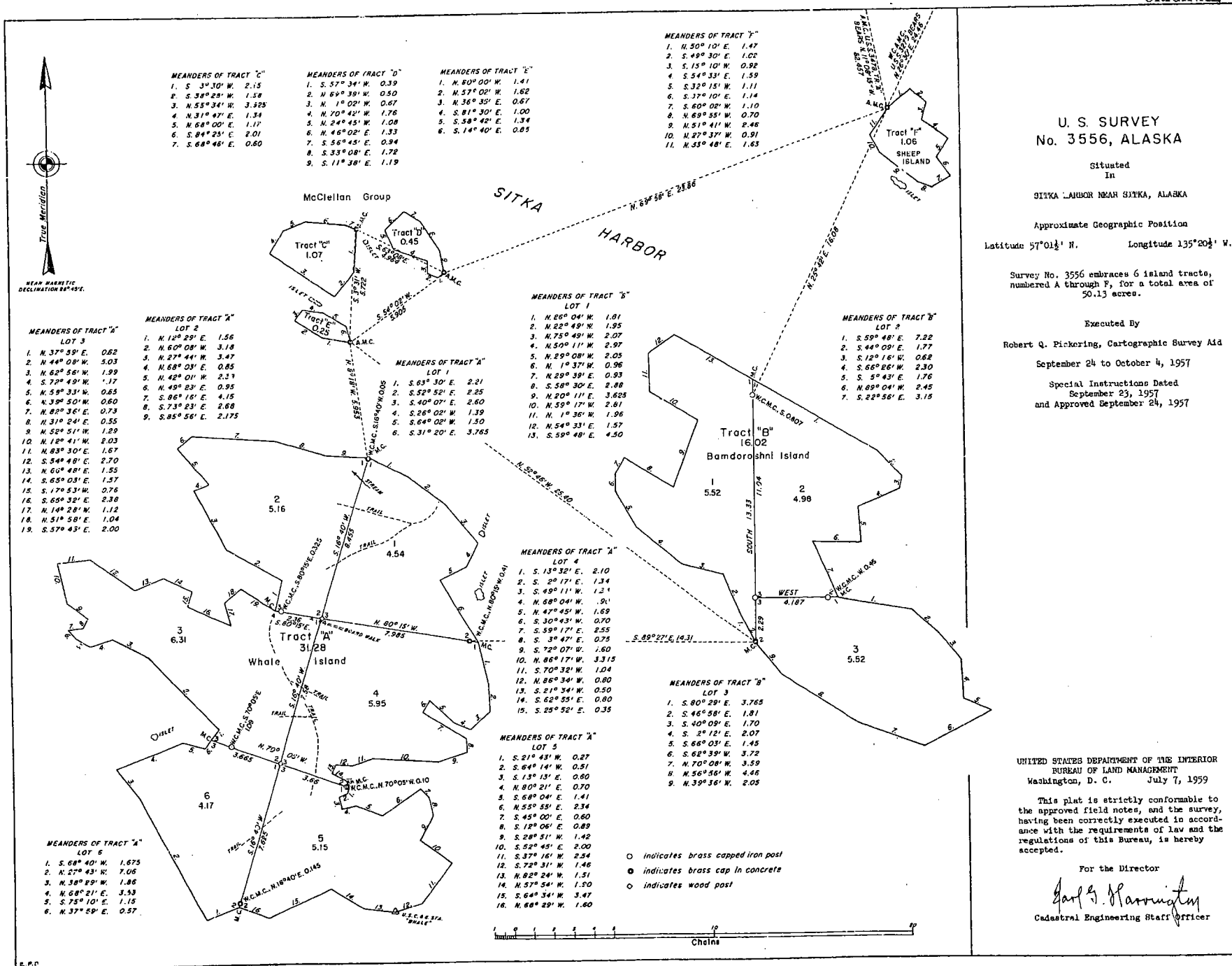
UNITED STATES
DEPARTMENT OF THE INTERIOR
Bureau of Land Management
Washington, D. C.
July 30, 1954

This plat is strictly conformable to the
approved field notes, and the survey,
having been correctly executed in accord-
ance with the requirements of law and the
regulations of this Bureau, is hereby
accepted.

For the Director

Earl S. Harrington
Cadastral Engineering Officer

D.S. 1415015
A.S. 1663



SEC 11 TOWNSHIP 56S RANGE 63E OF THE COPPER RIVER MERIDIAN, ALASKA

LEGEND

BASE INFORMATION

- HYDROGRAPHY
- SURVEY LINE
- SURVEY LOT LINE
- TOWNSHIP/SECTION GRID
- 1/4 SECTION LINE
- HIGHWAY
- ROAD
- TRAIL
- RAILROAD
- ELECTRICAL POWER LINE
- TELEPHONE LINE
- PIPELINE
- AIRPORT/LANDING STRIP
- HORIZONTAL CONTROL
- CONTROL MONUMENT

STATUS INFORMATION

- TITLE
- BOUNDARY
- CLASSIFICATION
- DISPOSAL
- MUNICIPAL
- RESTRICTION
- FEDERAL ACTION
- MENTAL HEALTH TRUST
- LIMITS OF ACTION
- NAVIGATIONAL AID
- CABIN PERMIT
- TRAPPING CABIN PERMIT
- TRESPASS LOCATION

SURFACE WATER RIGHTS

- APPLICATION
- PERMIT
- CERTIFICATE

SUB-SURFACE WATER RIGHTS

- APPLICATION
- PERMIT
- CERTIFICATE

IN-STREAM FLOW RESERVATION

- APPLICATION
- CERTIFICATE

DAM, WEIR, BARRIER

- APPLICATION
- PERMIT
- CERTIFICATE

VICINITY MAP



6	5	4	3	2	1
7	6	5	4	3	2
8	7	6	5	4	3
9	8	7	6	5	4
10	9	8	7	6	5
11	10	9	8	7	6
12	11	10	9	8	7
13	12	11	10	9	8
14	13	12	11	10	9
15	14	13	12	11	10
16	15	14	13	12	11
17	16	15	14	13	12
18	17	16	15	14	13
19	18	17	16	15	14
20	19	18	17	16	15
21	20	19	18	17	16
22	21	20	19	18	17
23	22	21	20	19	18
24	23	22	21	20	19
25	24	23	22	21	20
26	25	24	23	22	21
27	26	25	24	23	22
28	27	26	25	24	23
29	28	27	26	25	24
30	29	28	27	26	25
31	30	29	28	27	26
32	31	30	29	28	27
33	32	31	30	29	28
34	33	32	31	30	29
35	34	33	32	31	30
36	35	34	33	32	31

GRAPHIC ILLUSTRATION ONLY.
SOURCE DOCUMENTS REMAIN THE OFFICIAL RECORD.
CONSULT LAND ADMINISTRATION SYSTEM (LAS)
CASEFILE FOR ADDITIONAL INFORMATION.

SCALE

1 inch = 400 feet
0 100 200 300 400 500 600 FEET

ATTENTION STATUS PLAT USERS: ON THIS PLAT, ALL STATUS
LINES CLOSE FOR ACTIONS THAT EXTEND INTO ADJACENT TOWNSHIPS.
THIS INCLUDES STATUS LINES SUCH AS DISPOSAL, MUNICIPAL, TITLE,
CLASSIFICATION, ETC. PLEASE REFER TO ADJACENT TOWNSHIPS OR LAS
TO DETERMINE IF ACTIONS EXTEND BEYOND THE BOUNDARIES SHOWN ON
THIS PLAT. REMEMBER TITLE, CLASSIFICATION, AND RESTRICTION LINES
ALWAYS CLOSE ON ALL PLATS.

LAND ESTATE

THE STATE OWNS ALL LAND UNDER WATERS THAT ARE NAVIGABLE,
OR FACT, AND SUBJECT TO THE EBB AND FLOW OF THE TIDES, OR
ARE RIPARIAN OR LITTORAL TO UPLANDS OWNED BY THE STATE.

BASED ON:

COORDINATES:
ALASKA STATE PLANE ZONE 1
SE CORNER OF TOWNSHIP:
X 2375583.777
Y 1877558.025
LAT 54 57 30.017 N
LONG 135 18 34.478 W

HYDROGRAPHY:
USS SITKA (AS) AND PORT ALEXANDER (DL) (DS)
REVISED BY US'S FROM AERIAL HIGH ALTITUDE PHOTOGRAPHY
1994

LAND NAT:

ATL PHOTOGRAPHY DISGRAM CR14-6; APPROVED 02/12/1963
USS 404: APPROVED 01/01/1904
USS 407: APPROVED 03/01/1906
USS 1734: APPROVED 01/01/1920
USS 1474: ACCEPTED 02/14/1928
USS 1496: ACCEPTED 02/27/1928; SUPPLEMENTAL PLAT
OFFICIALLY FILED 02/27/1928
USS 2422: ACCEPTED 03/27/1946
USS 3370: ACCEPTED 02/20/1954
USS 3474: ACCEPTED 06/01/1958
USS 3176: ACCEPTED 04/16/1958
USS 3555: ACCEPTED 02/22/1959
USS 1536: ACCEPTED 05/07/1959
USS 3651: ACCEPTED 06/01/1960
USS 3036: ACCEPTED 10/01/1963
USS 4691: ACCEPTED 01/14/1967
ALS 15000: FILED 09/01/1970; NOT DISPATCHED
ALS 81001: REFLECT A SUBMISSION OF ALS 78900; FILED
01/11/1966
ALS 80001: RECORDED 09/11/1993
ALS 87001: RECORDED 07/15/1998
ATS 15: UNAPPROVED
ATS 338: APPROVED 01/01/1972
ATS 600: APPROVED 06/01/1972
ATS 1002: FILED 12/01/1974
ATS 1071: FILED 09/25/1993
ATS 1101: FILED 09/01/1996
ATS 1151: FILED 06/27/1998

OTHER ACTIONS AFFECTING DISPOSAL OR USE OF STATE LANDS:
SEE THE LAS CASEFILE OR ORIGINAL SOURCE DOCUMENTS FOR
ADDITIONAL INFORMATION.

ENTIRELY WITHIN SITKA RECORDING DISTRICT
ENTIRELY WITHIN CITY & BOROUGH OF SITKA
TINCHES NATIONAL FOREST BOUNDARY WITHIN THIS TOWNSHIP.
REFER TO BIA'S ALSTER TITLE PLAT (NSP) FOR LOCATION
SPL 11: PATENT 50-90-000, 15A SUPPLEMENTAL PLAT OF USS
1496; OFFICIALLY FILED 02/27/1928
OIL 16: ADDITION TO EXISTING TOWNSHIP LINE; EXACT LOCATION
WITHIN OIL 466 UNKNOWN
OIL 15: LAND AND MINERAL ESTATE
OIL 152: LAND AND MINERAL ESTATE
OIL 153: LAND AND MINERAL ESTATE
OIL 154: LAND AND MINERAL ESTATE
OIL 466: LAND ESTATE ONLY
OIL 372: LAND ESTATE ONLY
OIL 476: LAND ESTATE ONLY
CL 32-97-004, STATE TIDE AND SUBMERGED LANDS ONLY

ATTENTION: MENTAL HEALTH LAND INFORMATION

SHADED AREAS (SEE LEGEND) ARE MENTAL HEALTH TRUST LAND.
CONSULT THE TRUST LAND OFFICE FOR FURTHER INFORMATION.

ORIGINAL MENTAL HEALTH GRANT LAND (MH) NOT SHAPED AS MENTAL
HEALTH TRUST LAND AND NOT CONVEYED TO A TRUST PARTLY PRIOR
TO JUNE 24, 1994 IS REDESIGNATED AS GENERAL GRANT LAND
PURSUANT TO SECTIONS 6 AND 7, CHAPTER 1, SSILA 1994.



A PRODUCT OF THE
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
LAND RECORDS INFORMATION SECTION

PLAT CURRENT TO 06/27/2000, REFER TO THE ENR
STATUS PLAT TRACKING SYSTEM (01450/062) FOR
OTHER PENDING ACTIONS ON THIS TOWNSHIP PLAT

CHECKED BY:

Manual to ARC

SEC 11
I.E.

TWP 56S

RNG 63E

CRM

TOWNSHIP 56S RANGE 63E OF THE COPPER RIVER MERIDIAN, ALASKA

LEGEND

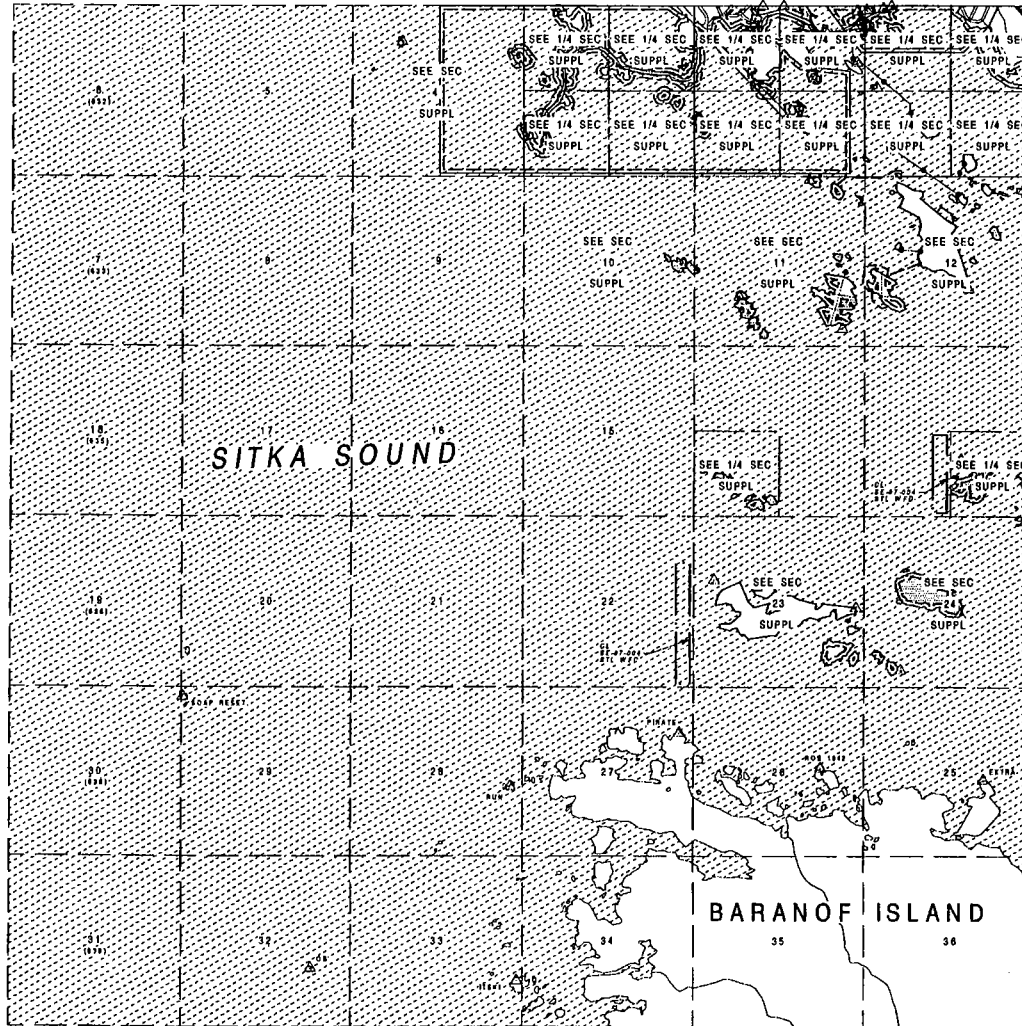
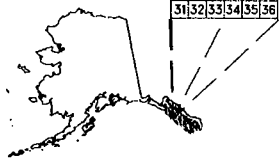
BASE INFORMATION

- HYDROGRAPHY
- SURVEY LINE
- SURVEY LOT LINE
- TOWNSHIP/SECTION GRID
- 1/4 SECTION LINE
- HIGHWAY
- ROAD
- TRAIL
- RAILROAD
- ELECTRICAL POWER LINE
- TELEPHONE LINE
- PIPELINE
- AIRPORT/LANDING STRIP
- HORIZONTAL CONTROL
- CONTROL MONUMENT

STATUS INFORMATION

- TITLE
- BOUNDARY
- CLASSIFICATION
- DISPOSAL
- MUNICIPAL
- RESTRICTION
- FEDERAL ACTION
- MENTAL HEALTH TRUST
- LIMITS OF ACTION
- NAVIGATIONAL AID
- CABIN PERMIT
- TRAPPING CABIN PERMIT
- TRESPASS LOCATION
- SURFACE WATER RIGHTS
- APPLICATION
- PERMIT
- CERTIFICATE
- SUB-SURFACE WATER RIGHTS
- APPLICATION
- PERMIT
- CERTIFICATE
- IN-STREAM FLOW RESERVATION
- APPLICATION
- CERTIFICATE
- DAM, WEIR, BARRIER
- APPLICATION
- PERMIT
- CERTIFICATE

VICINITY MAP



STATUS PLAT

THE STATE OWNS ALL LAND UNDER WATERS THAT ARE NAVIGABLE—IN FACT ARE SUBJECT TO THE EBB AND FLOW OF THE TIDES, OR ARE RIPARIAN OR LITTORAL TO UPLANDS OWNED BY THE STATE.

BASED ON:

COORDINATES:
ALASKA STATE PLANE ZONE 1
SE CORNER OF TOWNSHIP:
E 17584.777
N 187958.425
LAT 56 57 50.017 N
LONG 135 18 34.478 W

HYDROGRAPHY:
USGS SETA (A4) (A5) AND PORT ALEXANDER (D4) (D5)
REVISED BY USGS FROM ALASKA HIGH ALTITUDE PHOTOGRAPHY
1994

LAND NET:

ADL PROTRACTION DIAGRAM CR14-6, APPROVED 07/17/1965
USS 406: APPROVED 04/06/1964
USS 407: APPROVED 07/06/1965
USS 724: APPROVED 01/16/1960
USS 1474: ACCEPTED 07/06/1965
USS 1498: ACCEPTED 04/27/1966
OFFICIALLY FILED 04/28/1966
USS 2342: ACCEPTED 03/24/1966
USS 3278: ACCEPTED 07/06/1964
USS 3478: ACCEPTED 04/16/1965
USS 3479: ACCEPTED 04/16/1965
USS 3535: ACCEPTED 01/23/1969
USS 3536: ACCEPTED 07/06/1969
USS 3603: ACCEPTED 04/02/1960
USS 3608: ACCEPTED 07/06/1965
USS 4091: ACCEPTED 01/16/1967
ASL 78001: FILED 01/16/1967, NOT DEPICTED
ASL 10001: REPEAT & SUBSTITUTION OF ASL 78001; FILED
01/16/1968
ASL 80001: RECORDED 06/14/1992
ASL 80002: RECORDED 07/15/1998
ATS 11: UNAPPROVED
ATS 206: APPROVED 06/23/1972
ATS 540: APPROVED 06/24/1971
ATS 1042: FILED 12/29/1976
ATS 1071: FILED 08/25/1981
ATS 1352: FILED 12/04/1986
ATS 1355: FILED 06/17/1988

OTHER ACTIONS AFFECTING DISPOSAL OR USE OF STATE LANDS:
SEE THE LAS CASEFILE OR ORIGINAL SOURCE DOCUMENTS FOR
ADDITIONAL INFORMATION.

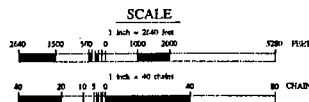
ENTIRELY WITH SITKA RECORDING DISTRICT
ENTIRELY WITH CITY & BOROUGH OF SITKA
PONGASSE NATIONAL FOREST BOUNDARY WITHIN THIS TOWNSHIP.
REFER TO BLM'S MASTER TITLE PLAT (MTP) FOR LOCATION
SP 1: PATENT SOLD TO 1007, PER SUPPLEMENTAL PLAT OF USS
1498, OFFICIALLY FILED 04/28/1966
OSL 14: ADDITION TO EXISTING PIONEERS HOME, EXACT LOCATION
WITHIN OSL 406 UNDETERMINED
OSL 55: LAND AND MINERAL ESTATE
OSL 152: LAND AND MINERAL ESTATE
OSL 153: LAND AND MINERAL ESTATE
OSL 154: LAND AND MINERAL ESTATE
OSL 406: LAND ESTATE ONLY
OSL 371: LAND ESTATE ONLY
OSL 406: LAND ESTATE ONLY
CL SE-97-994, STATE TIDE AND SURMISED LANDS ONLY

ATTENTION: MENTAL HEALTH LAND INFORMATION

SHADED AREAS (SEE LEGEND) ARE MENTAL HEALTH TRUST LAND.
CONSULT THE TRUST LAND OFFICE FOR FURTHER INFORMATION.

ORIGINAL MENTAL HEALTH GRANT LAND (MHL) NOT SHADED AS MENTAL
HEALTH TRUST LAND AND NOT CONVEYED TO A THIRD PARTY PRIOR
TO JUNE 24, 1994 IS REDESIGNATED AS GENERAL GRANT LAND
PURSUANT TO SECTIONS 6 AND 7, CHAPTER 1, SECLA 1994.

GRAPHIC ILLUSTRATION ONLY.
SOURCE DOCUMENTS REMAIN THE OFFICIAL RECORD.
CONSULT LAND ADMINISTRATION SYSTEM (LAS)
CASEFILE FOR ADDITIONAL INFORMATION.



ATTENTION STATUS PLAT USERS: ON THIS PLAT, ALL STATUS
LINES CLOSE FOR ACTIONS THAT EXTEND INTO ADJACENT TOWNSHIPS.
THIS INCLUDES STATUS LINES SUCH AS DISPOSAL, MUNICIPAL, TITLE,
CLASSIFICATION, ETC. PLEASE REFER TO ADJACENT TOWNSHIPS OR LAS
TO DETERMINE IF ACTIONS EXTEND BEYOND THE BOUNDARIES SHOWN ON
THIS PLAT. REMEMBER TITLE, CLASSIFICATION, AND RESTRICTION LINES
ALWAYS CLOSE ON ALL PLATS.



PLAT CURRENT TO 06/23/2000, REFER TO THE DNR
STATUS PLAT TRACKING SYSTEM (STAS) FOR
OTHER PENDING ACTIONS ON THIS TOWNSHIP/PLAT

CHECKED BY: *ESL*

Manual to ARC

SP
TWP 56S
RNG 63E
CRM