

ALASKA LEGISLATURE COMMITTEE FILES 1987-1988 8672

5472 SRES SB 411 - SB 431

1049

The repeal of AS 11.55.050 had no effect on the validity of 11 AAC 12.190. Sufficient and independent statutory foundation for this regulation exists in AS 41.20.020. The citation of AS 11.55.050 in support of the regulation was, at best, additional authority and, at worst, no authority at all.<sup>8/</sup> The legislative history of the repeal of AS 11.55.050 evidences no intent to invalidate 11 AAC 12.190. If the legislature had desired to allow unrestricted discharge of firearms in state parks, we believe it would have expressly amended AS 41.20.020.

C. A Firearm is a "Mechanical or Air-Operated Gun".

11 AAC 12.190 prohibits the discharge of "mechanical or air-operated guns" in state parks:

Discharge of explosives, mechanical or air-operated guns, gas-operated explosive devices, fireworks or similar devices in a state park is prohibited except that the Director may authorize use of such items when required for construction or maintenance purposes or for the general public safety or welfare. (Emphasis added.)<sup>9/</sup>

Apparently, in some quarters it is argued that this prohibition against the discharge of mechanical or air-operated guns does not apply to firearms. We disagree.

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<sup>8/</sup> AS 11.55.050(a) was a general criminal law provision prohibiting flourishing, pointing, or discharging of a firearm in a public place. The division of parks was not charged with the affirmative duty to adopt regulations to make this statutory provision operative. If anything, 11.55.050(b) was an express acknowledgement by the Legislature of the authority it granted the division of parks to prohibit the discharge of firearms in state parks.

<sup>9/</sup> The rules and regulations of administrative bodies have the force and effect of law. Pearce v. Director, Office of Workers Comp. Program, U.S. Dep't. of Labor, 647 F.2d 716, 726 (7th Cir. 1981); 1A Sands Sutherland and Statutory Construction §23.19 (4th ed. 1975).

Judith E. Marquez, Director  
Division of Parks  
File No. A66-379-82

November 19, 1982  
Page 7

The regulation clearly intended to encompass the discharge of firearms within the meaning of the terms "mechanical guns".<sup>10/</sup> Words in regulations, as in statutes, should be construed as having their commonly understood meanings unless judicial construction or statutory definition has clad them with other meanings. See Lynch v. McCann, 478 P.2d 835, 837 (Alaska 1970).

The proper test to determine if the words of a statute or regulation are impermissibly vague is whether persons of common intelligence must necessarily guess at its meaning and differ as to its application. Stock v. State, 526 P.2d 3, 8 (Alaska 1974).

It is our view that persons of common intelligence need not necessarily guess at the meaning of 11 AAC 12.190 nor differ as to its application. In common usage, the terms "mechanical guns" clearly includes the mechanism called a "firearm".

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<sup>10/</sup> In Webster's Third New International Dictionary, Unabridged (1971 ed.), "gun" is defined as "a piece of ordnance ... throwing projectiles by the force of some explosive (as gunpowder) usu. with high muzzle velocity and with comparatively flat trajectory .... a portable firearm (as a rifle, shotgun, carbine, pistol) ....; "firearm" is defined as a weapon from which shot is discharged by gunpowder ....; "mechanical" is defined as "of, relative to, or concerned with machinery or tools ... relating to, governed by or in accordance with mechanics ....: "air-operated" is not defined. Since a "mechanical gun" clearly includes a "firearm", we need not determine whether an "air-operated gun" also includes a "firearm".

compatible use within a state park or recreational area. (§ 2 ch 158 SLA 1959; am § 1 ch 233 SLA 1970; am § 3 ch 30 SLA 1981; am §§ 1, 2 ch 78 SLA 1981; am § 1 ch 16 SLA 1984; am § 40 ch 106 SLA 1986)

Editor's notes. — In subsection (b) of this section, the phrase "a compatible use" was substituted for the word "compatible" in 1984 to correct a manifest error of omission.

Effect of amendments. — The 1984 amendment added subsection (b).

The 1986 amendment, effective January 1, 1988, added "contracting for improvement and development under this paragraph is governed by AS 36.30 (State Procurement Code)" at the end of paragraph (5) of subsection (a).

Editor's notes. — Prior to January 1, 1988, subsection (a) reads as follows: "(a) The Department of Natural Resources shall

"(1) develop a continuing plan for the conservation and maximum use in the public interest of the scenic, historic, archaeological, scientific, biological, and recreational resources of the state;

"(2) plan for and develop a system of state parks and recreational facilities, to be established as the legislature authorizes and directs;

"(3) acquire by gift, purchase, or transfer from state or federal agencies, or from individuals, corporations, partnerships or associations, land necessary, suitable and proper for roadside, picnic, recreational or park purposes;

"(4) control, develop and maintain state parks and recreational areas;

"(5) provide for the acquisition, care, control, supervision, improvement, development, extension and maintenance of public recreational land, and make necessary arrangements, contracts or commitments for the improvement and develop-

ment of land acquired under AS 41.21.010 — 41.21.040;

"(6) adopt, in accordance with this section and the Administrative Procedure Act (AS 44.62), regulations governing the use and designating incompatible uses within the boundaries of state park and recreational areas to protect the property and to preserve the peace;

"(7) cooperate with the United States and its agencies and local subdivisions of the state to secure the effective supervision, improvement, development, extension, and maintenance of state parks, state monuments, state historical areas, and state recreational areas, and secure agreements or contracts for the purpose of AS 41.21.010 — 41.21.040;

"(8) encourage the organization of state public park and recreational activities in the local political subdivisions of the state;

"(9) provide for consulting service designed to develop local park and recreation facilities and programs;

"(10) provide clearing-house services for other state agencies concerned with park and recreation matters; and

"(11) perform other duties as are prescribed by executive order or by law;

"(12) maintain memorials to Alaska veterans located in state parks;

"(13) adopt, in accordance with the Administrative Procedure Act (AS 44.62), regulations governing the use of the Chena River State Recreation Area and designating incompatible uses within the boundaries of the Chena River State Recreation Area in accordance with AS 41.21.490."

**Sec. 41.21.022. Discharge of firearms.** The discharge of firearms during lawful hunting, trapping, and fishing is permitted within the boundaries of: (1) Caines Head State Recreation Area; (2) Chena River State Recreation Area; (3) Chugach State Park; (4) Denali State Park; (5) Kachemak Bay State Park; (6) Kachemak Bay State Wilderness Park; (7) Marine Parks established in AS 41.21.300 — 41.21.306; (8) Quartz Lake State Recreation Area; and (9) Wood-Tikchik State Park, except that all or part of a state park, marine park, wildlife preserve, or recreation area may be closed to the discharge of firearms by regulations adopted by the department for purposes of public safety or

*anyone*

with the concurrence of the Board of Game, for limited areas of Chugach State Park for public display of local wildlife under AS 41.21.121. (§ 1 ch 126 SLA 1984)

**Sec. 41.21.026. Fees for the use of state park system facilities.**

(a) The department may charge or collect a fee in a park unit for

- (1) rental of public use cabins or other overnight lodgings;
- (2) overnight use of a developed campsite,
- (3) special park use permits;
- (4) competitive and exclusive commercial use permits;
- (5) noncompetitive and nonexclusive commercial use permits;
- (6) use of a sewage holding tank dump station;
- (7) guided tours of historic sites; and
- (8) use of an improved boat ramp in a park facility developed principally for boat launching.

(b) The department may not charge or collect a fee for an ordinary use of a park unit or the use of a restroom in a park unit.

(c) The department shall establish the fees that may be charged or collected under (a) of this section by regulation. Before setting the fees, the department shall consider at public hearings

- (1) the cost to the state of operating the facility or managing the activity;
- (2) the normal fees charged for similar facilities or activities by governmental and nongovernmental entities;
- (3) the cost of administering a fee collection program for the facility or activity; and
- (4) the public interest.

(d) In this section, "developed campsite" means a campsite having access to the following public facilities:

- (1) restrooms;
- (2) a picnic table;
- (3) an outdoor cooking facility; and
- (4) an approved water source. (§ 1 ch 89 SLA 1987)

**Effective dates.** — Section 5, ch. 89, SLA 1987, makes this section effective June 18, 1987, in accordance with AS 01.10.070(c).

**Editor's notes.** — Section 4, ch. 89, SLA 1987 provides that regulations existing on June 18, 1987 that are otherwise applicable to user fees remain in effect until regulations are adopted under (c) of this section.

**Sec. 41.21.027. Concession contracts in the state park system.**

(a) Subject to the restrictions in this section, the state may enter into concession contracts under AS 30 to provide services or construct facilities in a park unit.

(b) The state may not enter into a concession contract under (a) of this section if the proposed contract involves estimated annual gross receipts of more than \$100,000, construction of facilities, a term lon-

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SENATE COMMITTEE REPORT

FIRST COMMITTEE OF REFERRAL

S-18862 *revd 2/13*  
*adm*

Date of \_\_\_\_\_ 5-DAY NOTICE  
IN ACCORDANCE WITH UNIFORM RULE 23

FURTHER: Resources

\*\*FISCAL NOTE(S) ATTACHED \_\_\_\_\_ \*\*  
IN ACCORDANCE WITH AS 24.08.035  
(see below)

2/12/88 DATE TURNED INTO OFFICE \_\_\_\_\_

Mr. President:

Judiciary Committee considered SB 419

relating to theft of timber products.

and recommended:

*(white)*

replace with CS SB 419 (Jud) <sup>(b)</sup>  
 same title  
 new title

attached amendment(s) and

*to do pass*

do pass

do not pass

no recommendation

individual recommendations

*3-DEFN*

further referral to \_\_\_\_\_

letter of intent adopted and attached

\*\* Committee  attached or  adopted fiscal note(s)  
*2*  zero  fiscal impact

MEMBERS SIGNING DO PASS

OTHER RECOMMENDATIONS

*Joe Josephson*  
*Patricia Bodey*

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\_\_\_\_\_  
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\_\_\_\_\_  
\_\_\_\_\_

*Handwritten signature* *do pass*  
Chairman signature and recommendation

Committee Backup Attached

SENATE COMMITTEE REPORT

FURTHER

4/20/88

DATE TURNED INTO OFFICE \_\_\_\_\_

Mr. President:

RESOURCES \_\_\_\_\_ Committee considered SB 419 \_\_\_\_\_

relating to theft of timber products.

and recommended

[ ] replace with \_\_\_\_\_ CS \_\_\_\_\_ ) [ ] same title  
[ ] or adopt \_\_\_\_\_ CS \_\_\_\_\_ ) [ ] new title

[ ] attached amendment(s) and

[ ] do pass

[ ] do not pass

[ ] no recommendation

[ ] individual recommendations

[ ] further referral to \_\_\_\_\_

[ ] letter of intent adopted \_\_\_\_\_

Committee [ ] attached or [ ] adopted fiscal note(s)

[ ] new [ ] updated or [ ] previous  
[ ] zero [ ] fiscal impact

MEMBERS SIGNING DO PASS

OTHER RECOMMENDATIONS

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\_\_\_\_\_  
Chairman signature and recommendation

STATE OF ALASKA  
1988 LEGISLATIVE SESSION

DIV. OF FORESTRY: CS SB419 (Jud)  
PUBLISH DATE: 4-20-88

FISCAL NOTER 19 1988

REQUEST:

Revision Date: 4-14-88  
Title: An Act relating to Timber Trespass  
and Commercial Sale of Firewood  
Sponsor: Coghill  
Requestor: Senate Judiciary

DIRECTOR'S OFFICE: Forest Resources  
Agency Affected: Forest Management  
BRU: Forest Management  
Components: Forest Management

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-

CAPITAL						
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REVENUE						
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FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

POSITIONS:

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

Prepared by: George K. Hollett  
Division: Division of Forestry

Phone: 465-2491  
Date: 4-15-88

Approved by Commissioner: [Signature]  
Agency: \_\_\_\_\_

Date: \_\_\_\_\_

Distribution (by preparer):  
Legislative Finance  
Legislative Sponsor  
Requestor  
Office of Management and Budget  
Impacted Agency(ies)

STATE OF ALASKA  
1988 LEGISLATIVE SESSION

BILL VERSION: SB 419  
PUBLISH DATE: \_\_\_\_\_

*REC'D 3/1/88*

FISCAL NOTE

REQUEST:

Revision Date: \_\_\_\_\_  
Title: "An Act relating to the theft of timber products."  
Sponsor: Senator Coghill  
Requestor: Senate Judiciary

Agency Affected: Public Safety  
ERU: Alaska State Troopers  
Components: \_\_\_\_\_

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-

CAPITAL	-0-	-0-	-0-	-0-	-0-	-0-
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REVENUE	-0-	-0-	-0-	-0-	-0-	-0-
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FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

POSITIONS:

FULL-TIME	0	0	0	0	0	0
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

No fiscal impact is anticipated as a result of this legislation.

Prepared by: Diana Page, Administrative Assistant Phone: 2/29/88  
Division: Commissioner's Office Date: \_\_\_\_\_

Approved by Commissioner: *[Signature]* Date: 2-29-88  
Agency: *[Signature]*

- Distribution (by preparer):
- Legislative Finance
  - Legislative Sponsor
  - Requestor
  - Office of Management and Budget
  - Impacted Agency(ies)

FISCAL NOTE

REQUEST:

Revision Date: 4/14/88  
Title: "An Act relating to the theft of timber products"  
Sponsor: Senator Coghill  
Requestor: Senate Judiciary

Agency Affected: Public Safety  
BRU: Alaska State Troopers

Components: \_\_\_\_\_

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING		-0-	-0-	-0-	-0-	-0-

CAPITAL		-0-	-0-	-0-	-0-	-0-
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REVENUE		-0-	-0-	-0-	-0-	-0-
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FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL		-0-	-0-	-0-	-0-	-0-

POSITIONS:

FULL-TIME		0	0	0	0	0
PART-TIME		0	0	0	0	0
TEMPORARY		0	0	0	0	0

ANALYSIS : (Attach a separate page if necessary)

No fiscal impact is anticipated as a result of this legislation.

Prepared by: Diana Page, Administrative Assistant I  
Division: Commissioner's Office

Phone: 465-4322  
Date: 4/14/88

Approved by Commissioner: Arthur English  
Agency: Public Safety

Date: 4/14/88

Distribution (by preparer):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

# STATE OF ALASKA

## DEPARTMENT OF NATURAL RESOURCES

OFFICE OF THE COMMISSIONER

STEVE COWPER, GOVERNOR

400 WILLOUGHBY AVE.  
JUNEAU, ALASKA 99801-1796  
PHONE: (907) 465-2400

March 7, 1988

The Honorable Jay Kerttula  
Chairman, Senate Judiciary Committee  
P.O. Box V  
Juneau, Alaska 99811

MAR 10 1988

Dear Senator Kerttula:

Subject: SB 419, an act relating to theft of timber products.

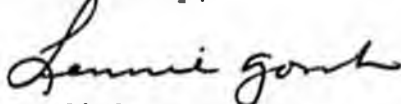
Position: The Department of Natural Resources supports SB 419 with changes as proposed by the Attorney General's Office.

Background: SB 419 attempts to address a problem faced by the Division of Forestry and many commercial firewood dealers in Northern Alaska. This problem involves the unauthorized harvest of timber from state lands. The existing statutes provide inadequate authority to deal with this problem. At present, the Division of Forestry must prove that the firewood seller unlawfully obtained timber from state land, which is difficult to do once timber has been removed from the harvest site. The department, the sponsor of the house version of this bill (which is identical to the senate version), and private timber operators have recently worked with the office of the Attorney General in Fairbanks to craft language that will more effectively get at the problem. This language has been provided to the sponsors and committee staff, as well as an analysis by John McDonagh, Assistant Attorney General.

Recommendation: The department supports the concept of the bill as originally written but prefers the changes drafted by the office of the Attorney General as a more effective way to address the problem.

We look forward to working with the committee and staff through the progress of this legislation.

Sincerely,



Judith M. Brady  
for Commissioner

cc: Committee Members  
Bill Sponsors  
Bob Evans  
Rod Swope

FISCAL NOTE

REQUEST:

Revision Date: \_\_\_\_\_  
Title: An Act relating to theft of  
timber products  
Sponsor: Coghili  
Requestor: \_\_\_\_\_

Agency Affected: Natural Resources  
BRU: Forest Management  
Components: Forest Management

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	0	0	0	0	0	0
CAPITAL						
REVENUE						

FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	0	0	0	0	0	0

POSITIONS:

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

Prepared by: George K. Hollett Phone: 465-2491  
Division: Forestry Date: 2-29-88

Approved by Commissioner: Jennie Gornik Date: 3-9-88  
Agency: Natural Resources

- Distribution (by preparer):
- Legislative Finance
  - Legislative Sponsor
  - Requestor
  - Office of Management and Budget
  - Impacted Agency(ies)

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SENATE COMMITTEE REPORT

FURTHER

FINANCE

3/15/88

DATE TURNED INTO OFFICE \_\_\_\_\_

Mr. President:

RESOURCES

Committee considered SB 426

establishing Redoubt Bay Critical Habitat Area; efd

and recommended

[ ] replace with \_\_\_\_\_ CS \_\_\_\_\_ ) [ ] same title  
[ ] or adopt \_\_\_\_\_ CS \_\_\_\_\_ ) [ ] new title

[ ] attached amendment(s) and

[ ] do pass

[ ] do not pass

[ ] no recommendation

[ ] individual recommendations

[ ] further referral to \_\_\_\_\_

[ ] letter of intent adopted \_\_\_\_\_

Committee [ ] attached or [ ] adopted fiscal note(s)

[ ] new [ ] updated or [ ] previous  
[ ] zero [ ] fiscal impact

MEMBERS SIGNING DO PASS

OTHER RECOMMENDATIONS

*Leslie Engelbrecht*  
*Ken Duca*  
*Paul Fink*  
\_\_\_\_\_  
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\_\_\_\_\_  
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*John ...*  
Chairman signature and recommendation

[ ] Committee Backup attached

FISCAL NOTE

REQUEST:

Revision Date: \_\_\_\_\_  
Title: Redoubt Bay Critical Habitat  
Area: \_\_\_\_\_  
Sponsor: Senator Fischer  
Requestor: \_\_\_\_\_

Agency Affected: Dept. of Fish and Game  
BRU: Habitat  
Components: \_\_\_\_\_

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES		0				
TRAVEL		0				
CONTRACTUAL		0				
SUPPLIES		0				
EQUIPMENT		0				
LAND & STRUCTURES		0				
GRANTS, CLAIMS		0				
MISCELLANEOUS		0				
TOTAL OPERATING		0				
CAPITAL		0				
REVENUE		0				

FUNDING: (Thousands of Dollars)

GENERAL FUND		0				
FEDERAL FUNDS						
OTHER						
TOTAL		0				

POSITIONS:

FULL-TIME		0				
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

Prepared by: Bruce H. Ball, Acting Director  
Division: Habitat  
Approved by Commissioner: [Signature]  
Agency: Department of Fish and Game

Phone: 465-4105  
Date: 3/10/88  
Date: 3/10/88

Distribution (by preparer):  
Legislative Finance  
Legislative Sponsor  
Requestor  
Office of Management and Budget  
Impacted Agency(ies)



STATE OF ALASKA  
OFFICE OF THE GOVERNOR

BILL ANALYSIS

DEPARTMENT Fish and Game	DIVISION Habitat	BILL NUMBER CSSB426	SPONSOR Fischer
SHORT TITLE OF BILL Redoubt Bay Critical Habitat Area			
DEPARTMENT POSITION Support			
PREPARED BY <i>Bruce H. Baker</i> Bruce Baker, Hab. Actg. Dir.	DATE 3/10/88	COMMISSIONER'S SIGNATURE <i>[Signature]</i>	DATE 3/11/88

SUMMARY

OTHER AGENCIES AFFECTED BY BILL Department of Natural Resources	CONSTITUENT GROUP(S) AFFECTED BY BILL Southcentral recreational hunters and fishermen Commercial fishermen
ORGANIZATIONAL SUPPORT FOR BILL Kenai Peninsula hunters & fishermen (see attached list)	ORGANIZATIONAL OPPOSITION TO BILL None known

FISCAL IMPACT:  NONE  FISCAL NOTE ATTACHED

BACKGROUND/LEGISLATIVE INTENT

The purpose of establishing Redoubt Bay Critical Habitat Area is to provide:

1. Protection and enhancement for fish and wildlife habitat.
2. Conservation of fish and wildlife.
3. Continued opportunity for hunting, fishing and trapping.
4. Public use and enjoyment of the area.

ANALYSIS OF BILL/PROGRAM EFFECTS

1. Establishes Redoubt Bay Critical Habitat Area.
2. Identifies the purpose for which the area is established.
3. Ensures continued access to private inholdings.
4. Provides for acquisition of private property from willing sellers.

AMENDMENTS PROPOSED

None

PLEASE ATTACH A SEPARATE SHEET FOR ADDITIONAL COMMENTS OR ANALYSIS.

Organizational Support for Redoubt Bay Critical Habitat Area

Kenai-Soldotna Fish and Game Advisory Committee  
Central Peninsula Fish and Game Advisory Committee  
Cooper Landing Fish and Game Advisory Committee  
Homer Fish and Game Advisory Committee  
Cook Inlet Aquaculture Association  
Kenai Peninsula Chapter Audubon Society  
Kenai Trappers Association

3/30/88

Proposed Amendment to CSSB 426 "An Act establishing Redoubt Bay Critical Habitat Area; and providing for an effective date."

Amend Sec. 2. AS 16.20.610 (e) as follows:

(e) The department shall permit uses of the Redoubt Bay Critical Habitat Area in a manner compatible with the purpose for which the area is established. It is intended that the following public uses will continue unless the department, through the development of a management plan, determines that a use is incompatible with the purpose for which the Critical Habitat Area is established:

(1) hunting, trapping, and commercial and sport fishing, including the continued use of cabins for the purpose of hunting, trapping, and fishing;

(2) hiking, backpacking, and camping, including the use of campfires;

(3) cross-country skiing, snowmachining, boating, and the landing of aircraft; and

(4) other related uses that are temporary in duration and have no foreseeable adverse effects on vegetation, drainage, soil stability, or fish and game and their habitat.

Page 3  
Ln 19

5-1924L ✓  
Bradley  
3/18/88

Original sponsor: Fischer

1 IN THE SENATE

2 CS FOR SENATE BILL NO. 426 (RESOURCES)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 FIFTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act establishing Redoubt Bay Critical Habitat  
7 Area; and providing for an effective date."

8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9 \* Section 1. PURPOSE. The Redoubt Bay Critical Habitat Area is estab-  
10 lished to ensure the protection and enhancement of fish and wildlife habi-  
11 tat and populations, especially Tule geese; the continuation of fish and  
12 wildlife harvest; and public use and enjoyment of the area in a high qual-  
13 ity environment.

14 \* Sec. 2. AS 16.20 is amended by adding a new section to read:

15 Sec. 16.20.610. REDOUBT BAY CRITICAL HABITAT AREA. (a) The  
16 state owned land and water contained in the following described par-  
17 cels are designated as the Redoubt Bay Critical Habitat Area:

18 (1) Township 6 North, Range 16 West, Seward Meridian

19 Sections 1 - 12

20 Sections 14 - 18

21 Sections 20 - 22

22 (2) Township 6 North, Range 17 West, Seward Meridian

23 Sections 1 - 6

24 Sections 10 - 12

25 (3) Township 7 North, Range 14 West, Seward Meridian

26 Section 5: S1/2

27 Sections 6 - 8

28 Section 18

29 (4) Township 7 North, Range 15 West, Seward Meridian

- 1 Sections 1 - 21
- 2 Sections 29 - 31
- 3 (5) Township 7 North, Range 16 West, Seward Meridian
- 4 (6) Township 7 North, Range 17 West, Seward Meridian
- 5 Sections 1 - 4
- 6 Section 8: E1/2
- 7 Sections 9 - 17
- 8 Sections 19 - 27
- 9 Section 30
- 10 Sections 34 - 36
- 11 (7) Township 8 North, Range 15 West, Seward Meridian
- 12 Section 1: S1/2
- 13 Section 2: S1/2
- 14 Section 3: W1/2
- 15 Sections 4 - 11
- 16 Section 12: N1/2
- 17 Sections 13 - 36
- 18 (8) Township 8 North, Range 16 West, Seward Meridian
- 19 (9) Township 8 North, Range 17 West, Seward Meridian
- 20 Sections 1 - 17
- 21 Sections 20 - 29
- 22 Sections 32 - 36
- 23 (10) Township 8 North, Range 18 West, Seward Meridian
- 24 Sections 1 - 12
- 25 (11) Township 9 North, Range 15 West, Seward Meridian
- 26 Sections 29 - 30
- 27 (12) Township 9 North, Range 16 West, Seward Meridian
- 28 Sections 19 - 36
- 29 (13) Township 9 North, Range 17 West, Seward Meridian

## 1 Sections 21 - 36

2 (b) Notwithstanding AS 16.20.500 and the establishment of the  
3 Redoubt Bay Critical Habitat Area under (a) of this section, egress  
4 and ingress to and from private property within the Redoubt Bay Crit-  
5 ical Habitat Area shall be permitted through access corridors estab-  
6 lished through agreement between the state and the private property  
7 owners involved.

8 (c) The state may not acquire by eminent domain privately owned  
9 land within the Redoubt Bay Critical Habitat Area but may acquire  
10 privately owned land within the Redoubt Bay Critical Habitat Area by  
11 purchase, exchange, or otherwise for inclusion in the Redoubt Bay  
12 Critical Habitat Area.

13 (d) The department shall permit entry within the Redoubt Bay  
14 Critical Habitat Area for the exploration and development of oil and  
15 gas resources when compatible with the purposes for which the critical  
16 habitat area was established. An oil and gas lease of state land  
17 within the critical habitat area is valid and continues in full force  
18 according to its terms.

19 (e) The department shall permit uses of the Redoubt Bay Critical  
20 Habitat Area that affect fish and game populations and habitats if the  
21 losses may be minimized or mitigated. If the ability of the Redoubt  
22 Bay Critical Habitat Area to accept a use is questioned, the depart-  
23 ment shall conduct an investigation to determine the specific facts  
24 regarding the use after public hearings before determining the com-  
25 patibility of the use with the purposes for which the Redoubt Bay  
26 Critical Habitat Area was established. The department shall permit  
27 the following public uses to continue without further approval by the  
28 department unless the department determines that the use is incompati-  
29 ble with the purposes for which the Redoubt Bay Critical Habitat Area

1 is established:

2 (1) hunting, trapping, and commercial and sport fishing,  
3 including the continued use of cabins for the purpose of hunting,  
4 trapping, and fishing;

5 (2) hiking, backpacking, and camping, including the use of  
6 campfires;

7 (3) cross-country skiing, snowmachining, boating, and the  
8 landing of aircraft; and

9 (4) other related uses that are temporary in duration and  
10 have no foreseeable adverse effects on vegetation, drainage, soil  
11 stability, or fish and game and their habitat.

12 \* Sec. 3. This Act takes effect immediately under AS 01.10.070(c).  
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5-1924L

Bradley  
4/5/88

Original sponsor: Fischer

1 IN THE SENATE

BY THE RESOURCES COMMITTEE

2 CS FOR SENATE BILL NO. 426 (Resources)

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 FIFTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act establishing Redoubt Bay Critical Habitat  
7 Area; and providing for an effective date."

8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF ALASKA:

9 \* Section 1. PURPOSE. The Redoubt Bay Critical Habitat Area is estab-  
10 lished to ensure the protection and enhancement of fish and wildlife habi-  
11 tat and populations, especially Tule geese; the continuation of fish and  
12 wildlife harvest; and public use and enjoyment of the area in a high qual-  
13 ity environment.

14 \* Sec. 2. AS 16.20 is amended by adding a new section to read:

15 Sec. 16.20.610. REDOUBT BAY CRITICAL HABITAT AREA. (a) The  
16 state owned land and water contained in the following described par-  
17 cels are designated as the Redoubt Bay Critical Habitat Area:

18 (1) Township 6 North, Range 16 West, Seward Meridian

19 Sections 1 - 12

20 Sections 14 - 18

21 Sections 20 - 22

22 (2) Township 6 North, Range 17 West, Seward Meridian

23 Sections 1 - 6

24 Sections 10 - 12

25 (3) Township 7 North, Range 14 West, Seward Meridian

26 Section 5: S1/2

27 Sections 6 - 8

28 Section 18

29 (4) Township 7 North, Range 15 West, Seward Meridian

- 1 Sections 1 - 21
- 2 Sections 29 - 31
- 3 (5) Township 7 North, Range 16 West, Seward Meridian
- 4 (6) Township 7 North, Range 17 West, Seward Meridian
- 5 Sections 1 - 4
- 6 Section 8: E1/2
- 7 Sections 9 - 17
- 8 Sections 19 - 27
- 9 Section 30
- 10 Sections 34 - 36
- 11 (7) Township 8 North, Range 15 West, Seward Meridian
- 12 Section 1: S1/2
- 13 Section 2: S1/2
- 14 Section 3: W1/2
- 15 Sections 4 - 11
- 16 Section 12: N1/2
- 17 Sections 13 - 36
- 18 (8) Township 8 North, Range 16 West, Seward Meridian
- 19 (9) Township 8 North, Range 17 West, Seward Meridian
- 20 Sections 1 - 17
- 21 Sections 20 - 29
- 22 Sections 32 - 36
- 23 (10) Township 8 North, Range 18 West, Seward Meridian
- 24 Sections 1 - 12
- 25 (11) Township 9 North, Range 15 West, Seward Meridian
- 26 Sections 29 - 30
- 27 (12) Township 9 North, Range 16 West, Seward Meridian
- 28 Sections 19 - 36
- 29 (13) Township 9 North, Range 17 West, Seward Meridian

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Sections 21 - 36

(b) Notwithstanding AS 16.20.500 and the establishment of the Redoubt Bay Critical Habitat Area under (a) of this section, egress and ingress to and from private property within the Redoubt Bay Critical Habitat Area shall be permitted through access corridors established through agreement between the state and the private property owners involved.

(c) The state may not acquire by eminent domain privately owned land within the Redoubt Bay Critical Habitat Area but may acquire privately owned land within the Redoubt Bay Critical Habitat Area by purchase, exchange, or otherwise for inclusion in the Redoubt Bay Critical Habitat Area.

(d) The department shall permit entry within the Redoubt Bay Critical Habitat Area for the exploration and development of oil and gas resources when compatible with the purposes for which the critical habitat area was established. An oil and gas lease of state land within the critical habitat area is valid and continues in full force according to its terms.

(e) The department shall permit uses of the Redoubt Bay Critical Habitat Area in a manner compatible with the purpose for which the area is established. The department shall permit the following public uses to continue without further approval by the department unless the department determines in a management plan adopted for the Redoubt Bay Critical Habitat Area that the use is incompatible with the purposes for which the Redoubt Bay Critical Habitat Area is established:

(1) hunting, trapping, and commercial and sport fishing, including the continued use of cabins for the purpose of hunting, trapping, and fishing;

(2) hiking, backpacking, and camping, including the use of

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campfires;

(3) cross-country skiing, snowmachining, boating, and the landing of aircraft; and

(4) other related uses that are temporary in duration and have no foreseeable adverse effects on vegetation, drainage, soil stability, or fish and game and their habitat.

\* Sec. 3. This Act takes effect immediately under AS 01.10.070(c).

Sections 21 - 36

(b) Notwithstanding AS 16.20.500 and the establishment of the Redoubt Bay Critical Habitat Area under (a) of this section, egress and ingress to and from private property within the Redoubt Bay Critical Habitat Area shall be permitted through access corridors established through agreement between the state and the private property owners involved.

(c) The state may not acquire by eminent domain privately owned land within the Redoubt Bay Critical Habitat Area but may acquire privately owned land within the Redoubt Bay Critical Habitat Area by purchase, exchange, or otherwise for inclusion in the Redoubt Bay Critical Habitat Area.

(d) The department shall permit entry within the Redoubt Bay Critical Habitat Area for the exploration and development of oil and gas resources when compatible with the purposes for which the critical habitat area was established. An oil and gas lease of state land within the critical habitat area is valid and continues in full force according to its terms.

(e) The department shall permit uses of the Redoubt Bay Critical Habitat Area that affect fish and game populations and habitats if the losses may be minimized or mitigated. <sup>OTHERWISE TO ENSURE THEIR COMPATIBILITY WITH SECTION 1.</sup> If the ability of the Redoubt Bay Critical Habitat Area to <sup>SUPPORT</sup> accept a use is questioned, the department shall conduct an investigation to determine the specific facts regarding the use <sup>AND WILL ASSIST</sup> after public hearings before determining the compatibility of the use with the purposes for which the Redoubt Bay Critical Habitat Area was established. The department shall permit the following public uses to continue without further approval by the department unless <sup>IT</sup> the ~~department~~ determines that the use is incompatible with the purposes <sup>OF SECTION 1:</sup> ~~for which the Redoubt Bay Critical Habitat Area~~

1 ~~is established:~~

2 (1) hunting, trapping, and commercial and sport fishing,  
3 including the continued use of (cabins) for the purpose of hunting,  
4 trapping, and fishing;

5 (2) hiking, backpacking, and camping, including the use of  
6 campfires;

7 (3) cross-country skiing, (snowmachining), boating, and the  
8 (landing of aircraft); and

9 (4) other related uses that are temporary in duration and  
10 have no foreseeable adverse effects on vegetation, drainage, soil  
11 stability, or fish and game and their habitat.

12 \* Sec. 3. This Act shall take effect immediately under AS 01.10.070(c).  
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<u>REFUGE</u>	<u>ACTIVITY</u>	<u>DECISION</u>
Palmer Hay Flats	Personal Use Cabins (8)	Approved
Palmer Hay Flats	Pipeline Survey	Approved
Palmer Hay Flats	Natural Gas Pipeline	Approved
Palmer Hay Flats	Grazing Lease	Denied
Palmer Hay Flats	Gravel Fill and Bridge	Approved
Trading Bay	Personal Use Cabins (19)	Approved
Trading Bay	Negotiated Lease (Set Net Cabin)	Approved
Susitna Flats	Personal Use Cabins (111)	Approved
Susitna Flats	Gravel Mining	Approved
Susitna Flats	Negotiated Lease (three Commercial Cabins)	Approved
Susitna Flats	Negotiated Lease (Set Net Cabin)	Approved
Susitna Flats	Insect poisoning removal	Approved
Susitna Flats	Seismic Exploration	Approved
Susitna Flats	Negotiated Lease (Set Net Cabin)	Approved
Susitna Flats	Negotiated Lease (six Commercial Cabins)	Approved
Susitna Flats	Gravel Mining	Approved
Susitna Flats	Transmission Line Upgrade	Approved
Susitna Flats	Bridge Repair/Log Jam Removal	Approved

<u>REFUGE</u>	<u>ACTIVITY</u>	<u>DECISION</u>
Susitna Flats	Fisheries Research Station	Approved
Susitna Flats	Gas Wells/Pipeline	Approved
Susitna Flats	Gravel Extraction	Approved
Susitna Flats	Gravel Extraction	Denied
Susitna Flats	Pipeline Survey	Approved
Susitna Flats	Road Upgrade	Approved
Susitna Flats	Natural Gas Pipeline	Approved
Susitna Flats	Motorized Vehicle Use	Approved
Susitna Flats	Barge Landing	Approved
Susitna Flats	Storage Yard	Approved
Susitna Flats	Hydrological Research	Approved
Susitna Flats	Winter/Ice Road	Approved
Susitna Flats	Survey/Brush Clearing	Approved
Susitna Flats	Material Extraction	Denied
Susitna Flats	Transmission Line	Approved
Goose Bay	Leach Field Construction	Approved
Goose Bay	Seismic Exploration	Approved
Goose Bay	Read and Utility Corridor Construction	Approved
Potter Point	Erosion Control Outfall/Stilling Basin	Approved
Potter Point	Roadway/Parking Area	Approved
Izembek	Gravity Survey	Approved

<u>REFUGE</u>	<u>ACTIVITY</u>	<u>DECISION</u>
Mendenhall Wetlands	Buried Sewer Outfall Line	Approved
Mendenhall Wetlands	Airport Maintenance	Approved
Mendenhall Wetlands	Salmon Rearing Pens	Approved
Mendenhall Wetlands	Stream Channel Alteration	Denied
Mendenhall Wetlands	Log Transfer and Storage	Approved

# STATE OF ALASKA

## DEPARTMENT OF FISH AND GAME

### OFFICE OF THE COMMISSIONER

STEVE COWPER, GOVERNOR

P.O. BOX 3-2000  
JUNEAU, ALASKA 99802-2000  
PHONE: (907) 485-4100

February 19, 1988

The Honorable Paul Fischer  
Alaska State Legislature  
P. O. Box V  
Juneau, AK 99811

ALASKA DEPT. OF  
FISH & GAME

FEB 23 1988

REGION II  
HABITAT DIVISION

Dear Senator Fischer:

Last November you requested Department of Fish and Game (ADF&G) staff to prepare background information regarding the proposed Redoubt Bay State Critical Habitat Area. As I understand, your request was prompted by resolutions which you received from several fish and game advisory committees on the Kenai Peninsula. The enclosed material is in response to your request.

The ADF&G would strongly support legislation to create a critical habitat area in Redoubt Bay, and we offer our assistance in this regard. An administration sponsored bill which would have created a Redoubt Bay State Game Refuge in 1982 did not pass, primarily because the issue of private cabin ownership was unresolved at that time. The cabin issue has since been resolved by regulations of the Department of Natural Resources which have guaranteed continued use of cabins located on remote state lands.

Department staff on the Kenai Peninsula have been in contact with advisory committees regarding their desire to create a critical habitat for Redoubt Bay. Three other local groups have joined the four advisory committees in supporting this land classification, and we have received a copy of their joint endorsement and letter of intent which was recently sent to you and other Kenai Peninsula legislators. I am certain that many other local, regional, statewide and national groups and individuals would also endorse critical habitat legislation for Redoubt Bay.

The legal description of the critical habitat area reflects boundaries depicted on the enclosed map, and these boundaries are those supported in the letter of intent sent to you by local residents. There are also important wildlife resources located in the southern portion of Redoubt Bay in the drainages of Jack and Cannery Creeks, but they are not encompassed by the map boundary. Land ownership in this area is complex, and the authors of the joint letter of intent have chosen not to include the southern area at this time. We can provide information about this area and discuss it further if you wish.

February 19, 1988

Members of the public and other potential affected interests would undoubtedly have questions about how ADF&G--as the principal resource manager for a critical habitat--would regulate the area, and how people who use Redoubt Bay would be affected. If you or other legislators choose to introduce the bill, we could prepare a comprehensive list of probable questions and our answers, and make them widely available. The letter of intent provides considerable guidance in this regard, and ADF&G can support the stated intent.

The following ADF&G staff are knowledgeable about the enclosed material and are prepared to assist you and your staff in this matter:

Jim Faro, Area Game Biologist, Soldotna	262-9369
Dan Timm, Game Regional Supervisor, Anchorage	344-0541
Greg Bos, Game Regional Management Coord., Anchorage	344-0541
Tom Rothe, Waterfowl Coordinator, Anchorage	344-0541
Debby Clausen, Habitat Special Areas Coord., Anchorage	344-0541
Lance Trasky, Habitat Regional Supervisor, Anchorage	344-0541
Roland Shanks, Special Assistant to the Commissioner, Juneau	465-4100

I am sending copies of this letter to Representatives Navarre and Swackhammer because they also received a copy of the joint letter of intent. Thank you for your interest in this matter.

Sincerely,



Don W. Collinsworth  
Commissioner

Enclosures

cc w/enclosures:

Representative Navarre  
Representative Swackhammer  
Greg Bos, Regional Management Coordinator, Game Division  
Debby Clausen, Special Areas Coordinator, Habitat Division  
Jim Faro, Area Game Biologist  
Lew Pamplin, Director, Game Division  
Ken Parker, Director, Commercial Fisheries Division  
Tom Rothe, Waterfowl Coordinator, Game Division  
Roland Shanks, Special Assistant to the Commissioner  
Dan Timm, Regional Supervisor, Game Division  
Lance Trasky, Regional Supervisor, Habitat Division  
Advisory Committee Chairmen: Kenai/Soldotna, Homer, Central  
Peninsula, Cooper Landing  
Cook Inlet Aquaculture Association  
Kenai Trappers Association  
Kenai Chapter Audubon Society

Proposed Redoubt Bay Critical Habitat Area  
Background Information

Location: The proposed Redoubt Bay Critical Habitat Area is located approximately 40 miles southwest of Anchorage, on the west side of Cook Inlet, beginning south and west of Trading Bay and extending to the Drift River.

Area Description: The proposed Redoubt Bay Critical Habitat Area is a large expanse of low lying wetlands bordered by Trading Bay and Kustatan River on the north and the Drift River on the south. Several drainages flow through the area, including Montana Bill Creek, Seal River, Big River and Bachatna Creek. The wetlands area extends west to the foot of the Alaska Range.

Vegetation consists primarily of wetland plant communities increasing in complexity as they extend inland from the coastal zone. Drier sites are unevenly distributed throughout the lowlands, and are occupied by communities of mixed deciduous forest with occasional isolated stands of white spruce.

Justification: Redoubt Bay wetlands are especially critical to the successful nesting and molting of tule white-fronted geese and are also used by thousands of mallards, pintails, wigeons, and other waterfowl.

Upper Cook Inlet supports the world's only known nesting, brood rearing, and molting areas for tule white-fronted geese (Anser albifrons gambelli), a subspecies whose entire population is currently estimated to be between four and five thousand birds. Redoubt Bay is the primary nesting and molting area for this subspecies, supporting the largest known concentration of tule geese in Cook Inlet, and thus the world. Habitats within the proposed Redoubt Bay Critical Habitat Area are essential to the successful nesting, brood rearing, and annual feather molt of this subspecies.

Small populations are especially susceptible to any environmental change or disturbance that alters habitat or modifies behavior. Environmental change or disturbance can affect nest initiation, hatching success or brood survival. These factors can also affect adult survival during the flightless molting period by increasing susceptibility to predation or eliminating feeding areas or feeding time, thus reducing nutrient uptake.

Tule white-fronted geese arrive in Cook Inlet by mid-April and usually depart for the California wintering grounds by early September. Because of population declines in the white-fronted goose population and special concern for the tule goose, sport harvest activities for white-fronted geese have been curtailed in California.

The cackling Canada goose (Branta canadensis minima), a subspecies of Canada goose which nests on the Yukon-Kuskokwim Delta in western Alaska, uses upper Cook Inlet coastal wetlands exclusively during spring migration. Approximately one-third of the cackling Canada geese staging in Cook Inlet utilize the Redoubt Bay flats. The population has experienced dramatic declines in recent years. From 1965 to 1984 the population dropped from over 350,000 to about 30,000. The population has begun to recover, and in 1987 numbered between 60-80,000.

Snow geese (Chen caerulescens) migrating through Cook Inlet nest on Wrangel Island off the coast of Siberia, where the population has ranged from about 40,000 to 100,000 birds since 1970. A large proportion of, if not the entire population, may pass through Cook Inlet in the spring. Even more than with Canada geese, Cook Inlet coastal marsh vegetation provides nutrients that replenish lipid reserves that snow geese require for successful nesting in the arctic.

Tundra swans (Cygnus columbianus) and trumpeter swans (C. buccinator) are commonly observed migrants in Redoubt Bay. Large numbers of swans occur in upper Cook Inlet from 25 April to 10 May, with at least 580 observed in Redoubt Bay on 2 May 1985. The majority of swans using Redoubt Bay are tundra swans, headed for nesting areas in the Yukon-Kuskokwim Delta and Alaska Peninsula. However, areas along the Big and Kustatan rivers within the proposed Critical Habitat Area provide some of the best trumpeter swan habitat within upper Cook Inlet, supporting a dozen nesting pairs and their young, over 30 non-nesting pairs, and over 50 single swans or swans in flocks.

Large numbers of two other subspecies of Canada geese, the Taverner's Canada goose (B. c. Taverneri) and the lesser Canada goose (B. c. parvipes) use Redoubt Bay as a feeding and resting area during spring and fall migration.

Large, undisturbed resting and feeding areas along the migration route are a key element to ensure the continued recovery and maintenance of high population levels of all arctic nesting species. Arctic nesting geese depend heavily upon stored energy reserves (lipids) for egg production and incubation. Accumulation of reserves along the migration

path is essential, so that upon arrival on the spring nesting grounds, nesting can be initiated before new food supplies become abundant. Redoubt Bay is part of a complex of coastal wetlands in upper Cook Inlet that provide a critical link in the migration route of birds wintering as far south as Mexico and Central America and nesting in eastern Russia and throughout Alaska. These wetlands provide a resting area and food sources to replenish energy reserves necessary to complete migration to the breeding grounds and for successful reproduction. Habitat within the proposed Critical Habitat Area is thus extremely important to the successful migration and nesting of a large portion of the cackling Canada goose population as well as other arctic nesting species.

The proposed Redoubt Bay Critical Habitat Area attracts and supports large numbers of other waterfowl during spring and fall migration and for nesting. Numerous birds remain to nest in available habitat. Redoubt Bay has the largest number of breeding ducks of any of the Cook Inlet coastal marshes according to ADF&G surveys conducted from 1976 to 1978. In 1977, the highest year, a total of 19,215 breeding ducks were estimated to occur in Redoubt Bay.

In addition to tule geese, Redoubt Bay wetlands are particularly important to other species of geese and swans as a feeding and resting area during spring migration to western and interior nesting areas. Peak use by geese and swans in Cook Inlet intertidal wetlands exceeds 100,000 birds during spring migration between 18 April and 10 May.

Redoubt Bay, as with other Cook Inlet marshes, also serves as staging areas for drake and nonbreeding ducks and non- or failed-breeding geese prior to migrating to molting areas in late June or early July.

The moose population in Redoubt Bay numbers approximately 300 animals. Important riparian moose winter habitat is found primarily along the Big, Drift, and Kustatan rivers.

Brown bears are abundant and during mid to late summer bears are frequently observed along intertidal drainages on the outer flats. Black bears are also abundant, but usually remain farther inland. Furbearers including coyote, fox, wolf, mink, otter, marten, muskrat, wolverine, weasel, lynx and beaver are present. Harbor seals haul out at the mouths of streams.

Five species of salmon spawn in the area's streams and lakes, although sockeye, coho, and pink salmon are the most abundant.

Land Status: The proposed critical habitat area encompasses approximately 183,640 acres and is composed primarily of state land. It is located within the Kenai Peninsula Borough and six sections have been identified as Municipal Selections by the borough. Two private inholdings totalling approximately 10 acres are present within the proposed area. There are no mental health lands within the area. Critical habitat area status would affect only state lands within the area boundaries.

Current Uses: Redoubt Bay is accessible by boat or plane, and has long been an important hunting, fishing and trapping area. Waterfowl hunters annually spend approximately 1,000 hunter-days harvesting over 500 ducks and several hundred geese. This use qualifies Redoubt Bay as one of the top ten waterfowl hunting areas in the state.

Moose hunting is also a popular activity. In 1984, 126 hunters spent 624 hunter-days and harvested 55 moose. The 1983 through 1986 average harvest from Redoubt Bay drainages is slightly lower, with 88 hunters harvesting 35 moose in 502 hunter-days.

Fly-in sport fishing on the Big River lakes and Kustatan River is also popular. In 1986, more than 2,700 angler-days were spent fishing the Kustatan River with a harvest of over 3,200 silver salmon.

Cook Inlet Aquaculture Corporation has been involved in salmon enhancement activities in the Big River Lakes area since 1981. A water control structure is in place, and additional fish-pass facilities are planned.

Commercial salmon fishing activities include a drift gillnet fishery offshore, and a set gillnet fishery onshore. There are over 40 cabins in the Redoubt Bay area, used mostly by waterfowl and moose hunters and setnet fishermen.

Other Natural Resources: The proposed Redoubt Bay Critical Habitat Area has been explored extensively for oil and gas. Although several leases exist in the area, numerous wells drilled to date indicate that little commercial potential exists for oil and gas development. An oil pipeline (Cook Inlet Pipeline Company) crosses the lowlands from West Foreland to the Drift River terminal where tankers are loaded offshore. There are no known mining claims or mineral leases in the area. Commercial timber values are low in the area due to the limited amount of forested lands. The area is of generally low suitability for grazing or agriculture due to the saturated soils. There are no large areas of land suitable for settlement, however there is one private residence at Bachatna Creek and one at Big River

Lakes. Additionally, ADNR/DLWM disposed of some remote settlement parcels at Cannery Creek, adjacent to the southern boundary of the area.

The critical habitat area would be managed similarly to other state Critical Habitat Areas regarding current and future uses. Future activities would be allowed, in a manner consistent with the purpose for which the critical habitat area was established.

Legal Description: The state-owned land and water contained in the following described parcels are proposed as the Redoubt Bay Critical Habitat Area:

- (1) Township 6 North, Range 15 West, Seward Meridian  
Sections 4-9  
Section 18
- (2) Township 6 North, Range 16 West, Seward Meridian  
Sections 1-18  
Sections 20-24
- (3) Township 6 North, Range 17 West, Seward Meridian  
Sections 1-6  
Sections 10-12
- (4) Township 7 North, Range 14 West, Seward Meridian  
Section 5: S1/2  
Sections 6-8  
Section 18
- (5) Township 7 North, Range 15 West, Seward Meridian  
Sections 1-24  
Sections 26-34
- (6) Township 7 North, Range 16 West, Seward Meridian  
Sections 1-36
- (7) Township 7 North, Range 17 West, Seward Meridian  
Sections 1-4  
Section 8: E1/2  
Sections 9-17  
Sections 19-27  
Section 30  
Sections 34-36

- (8) Township 8 North, Range 15 West, Seward Meridian  
 Section 1: S1/2  
 Section 2: S1/2  
 Section 3: W1/2  
 Sections 4-11  
 Section 12: N1/2  
 Sections 13-36
- (9) Township 8 North, Range 16 West, Seward Meridian  
 Sections 1-36
- (10) Township 8 North, Range 17 West, Seward Meridian  
 Sections 1-17  
 Sections 20-29  
 Sections 32-36
- (11) Township 8 North, Range 18 West, Seward Meridian  
 Sections 1-12
- (12) Township 9 North, Range 15 West, Seward Meridian  
 Sections 29-30
- (13) Township 9 North, Range 16 West, Seward Meridian  
 Sections 19-36
- (14) Township 9 North, Range 17 West, Seward Meridian  
 Sections 21-36

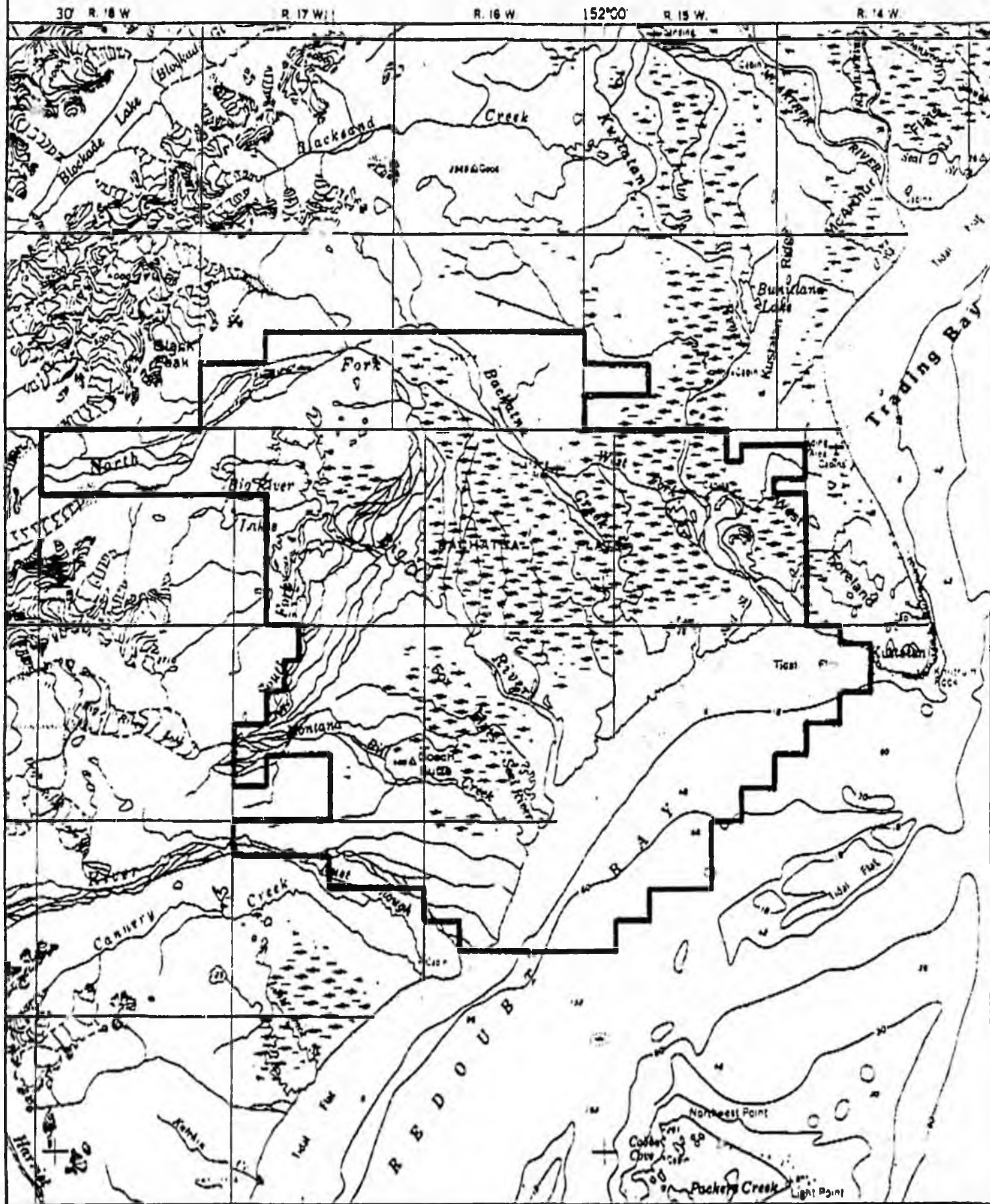
Support and Opposition: The Kenai-Soldotna, Homer, Ninilchik, Central Peninsula, and Cooper Landing Fish and Game Advisory Committees have passed resolutions supporting the creation of the Redoubt Bay Critical Habitat Area. The Department of Fish and Game, the Kenai Chapter of Audobon Society, Kenai Trappers' Association, Cook Inlet Aquaculture Association, and the Alaska Waterfowl Association have also supported special area designation for the Redoubt Bay area.

Opposition to proposed legislation in 1982, which would have designated the area as a state game refuge, came from some Kenai Peninsula residents concerned about the effect of special area designation on recreational cabin use. Since then, that issue has been resolved under regulations for private use cabins adopted by the Alaska Department of Natural Resources in 1983. Under the personal use cabin program, cabin owners were afforded the opportunity to

DRAFT 2/88

obtain state land use permits, or in the case of commercial  
setnet fishermen, apply for a commercial lease.

# (Proposed) Redoubt Bay Critical Habitat Area



FISCAL NOTE

REQUEST:

Revision Date: \_\_\_\_\_  
Title: Redoubt Bay Critical Habitat  
Area  
Sponsor: Senator Fischer  
Requestor: \_\_\_\_\_

Agency Affected: Dept. of Fish and Game  
BRU: Habitat  
Components: \_\_\_\_\_

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES		0				
TRAVEL		0				
CONTRACTUAL		0				
SUPPLIES		0				
EQUIPMENT		0				
LAND & STRUCTURES		0				
GRANTS, CLAIMS		0				
MISCELLANEOUS		0				
TOTAL OPERATING		0				
CAPITAL		0				
REVENUE		0				

FUNDING: (Thousands of Dollars)

GENERAL FUND		0				
FEDERAL FUNDS						
OTHER						
TOTAL		0				

POSITIONS:

FULL-TIME		0				
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

Prepared by: Bruce H. Baker, Acting Director  
Division: Habitat  
Approved by Commissioner: [Signature]  
Agency: Department of Fish and Game

Phone: 465-4105  
Date: 3/10/88  
Date: 3/10/88

Distribution (by preparer):  
Legislative Finance  
Legislative Sponsor  
Requestor  
Office of Management and Budget  
Impacted Agency(ies)



STATE OF ALASKA  
OFFICE OF THE GOVERNOR

**BILL ANALYSIS**

DEPARTMENT Fish and Game	DIVISION Habitat	BILL NUMBER CSSB426	SPONSOR Fischer
SHORT TITLE OF BILL Redoubt Bay Critical Habitat Area			
DEPARTMENT POSITION Support			
PREPARED BY <i>Bruce H. Baker</i> Bruce Baker, Hab. Actg. Dir.	DATE 3/10/88	COMMISSIONER'S SIGNATURE <i>[Signature]</i>	DATE 3/11/88

**SUMMARY**

OTHER AGENCIES AFFECTED BY BILL Department of Natural Resources	CONSTITUENT GROUP(S) AFFECTED BY BILL Southcentral recreational hunters and fishermen Commercial fishermen
ORGANIZATIONAL SUPPORT FOR BILL Kenai Peninsula hunters & fishermen (see attached list)	ORGANIZATIONAL OPPOSITION TO BILL None known

FISCAL IMPACT:  NONE  FISCAL NOTE ATTACHED

BACKGROUND/LEGISLATIVE INTENT

The purpose of establishing Redoubt Bay Critical Habitat Area is to provide:

1. Protection and enhancement for fish and wildlife habitat.
2. Conservation of fish and wildlife.
3. Continued opportunity for hunting, fishing and trapping.
4. Public use and enjoyment of the area.

ANALYSIS OF BILL/PROGRAM EFFECTS

1. Establishes Redoubt Bay Critical Habitat Area.
2. Identifies the purpose for which the area is established.
3. Ensures continued access to private inholdings.
4. Provides for acquisition of private property from willing sellers.

AMENDMENTS PROPOSED

None

PLEASE ATTACH A SEPARATE SHEET FOR ADDITIONAL COMMENTS OR ANALYSIS.

Organizational Support for Redoubt Bay Critical Habitat Area

Kenai-Soldotna Fish and Game Advisory Committee  
Central Peninsula Fish and Game Advisory Committee  
Cooper Landing Fish and Game Advisory Committee  
Homer Fish and Game Advisory Committee  
Cook Inlet Aquaculture Association  
Kenai Peninsula Chapter Audubon Society  
Kenai Trappers Association

S B

431

# Alaska State Legislature

PRESIDENT  
907-465-3755



JAN FAIKS  
POST OFFICE BOX V  
JUNEAU, ALASKA 99811

Senate

March 14, 1988

TO: Senate Resources Committee  
FROM: Senator Jan Faiks  
President of the Senate  
SUBJECT: Senate Bills 432

This companion bill to Senate Bill 431 appropriates \$78,000 to the University of Alaska Arctic Environmental Information and Data Center.

The appropriation is broken down into two categories:

\$50,000	Salary, benefits and travel for the new position of Alaska Cartographic Center Coordinator.
\$28,000	Staff salaries, benefits and materials cost for a pilot program to produce a community photomap of Juneau.

OUT OF SESSION

3111 C STREET, SUITE 525 ANCHORAGE, ALASKA 99503 907-561-7010

SENATE COMMITTEE REPORT

FIRST COMMITTEE OF REFERRAL

Date of 3-10 5-DAY NOTICE  
IN ACCORDANCE WITH UNIFORM RULE 23

FURTHER:

\*\*FISCAL NOTE(S) ATTACHED \*\*  
IN ACCORDANCE WITH AS 24.08.035  
(see below)

2/16/88 DATE TURNED INTO OFFICE \_\_\_\_\_  
Mr. President:

Resources \_\_\_\_\_ Committee considered SB 431

establishing the Alaska Cartographic Center; efd

and recommended:

- replace with CS \_\_\_\_\_  same title
  - attached amendment(s) and  new title
  - do pass
  - do not pass
  - no recommendation
  - individual recommendations
  - further referral to \_\_\_\_\_
  - letter of intent adopted and attached
- \*\* Committee  attached or  adopted fiscal note(s)  
 zero  fiscal impact

MEMBERS SIGNING DO PASS

OTHER RECOMMENDATIONS

Jim DeLuca  
Archie Sturgis  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Paul Fitch (No Rec)  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Chairman Signature  
 \_\_\_\_\_  
 Chairman signature and recommendation

Committee Backup Attached

Alaska Society of Professional Engineers

MEMBER LIST

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Alaska Section  
AMERICAN CONGRESS ON SURVEYING AND MAPPING

P.O. Box 3761  
Anchorage, Alaska 99510

March 8, 1988

Senator Jack Coghill, Chairman  
Senate Resources Committee  
P.O. Box V (MS 3100)  
Juneau, Alaska 99811

Re: SB 431 and 432  
Establishing the Alaska Cartographic Center

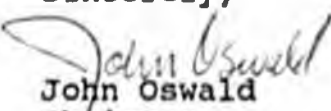
Dear Senator Coghill:

This letter is in support of passage of Senate Bills 431 and 432, relating to establishment of an Alaska Cartographic Center. Recently the executive board of this professional society voted to support passage of these bills. The Center would provide a focal point for Alaska mapping information and products and produce an initial pilot project map specifically to enhance tourism opportunities.

The Center would be within the AEIDC of the University of Alaska system. AEIDC has a staff of cartographers but no defined role as a coordinator. Although many agencies in Alaska possess cartographic capabilities, there is often a lack of coordination. There is no single reference document of cartographic materials currently available. The Center would be designated to coordinate these efforts and be a single source where map products could be located. SB 432 will fund the program and produce the initial tourist map of the Juneau area.

Mr. C. A. Herschbach, an ACSM-Alaska Section director, will be testifying before your committee on March 14 on behalf of the ACSM-Alaska Section. He will be able to further explain the details of the Center and what the near term benefits will be from this more coordinated effort within the state government.

Sincerely,

  
John Oswald  
Chairman

cc: AEIDC

# Alaska State Legislature



PRESIDENT  
907-465-3755

JAN FAIKS  
POST OFFICE BOX V  
JUNEAU, ALASKA 99811

Senate

March 14, 1988

TO: Senate Resources Committee  
FROM: Senator Jan Faiks  
President of the Senate *Jan*  
SUBJECT: Senate Bills 431

At the beginning of this session, I was contacted by David Hickok, the director of the Arctic Environmental Information and Data Center (AEIDC) regarding a proposal to aid Alaska's tourist industry.

Both he and Ray Norman, the AEIDC senior cartographer were concerned that Alaska is not doing enough to provide the best possible map products which have regional and local focus and aid the tourists. To quote directly from their proposal:

"Millions of dollars are being appropriately dedicated to attract tourism, but nothing is being spent to develop the maps that the tourist expects to find once he gets here. Though the Rand McNally Map that the Tourism Division sends in response to inquiries may fill the basic need, we suggest that it is an embarrassment that the state has not utilized its collective talents to produce maps that specifically promote Alaska."

Therefore, Senate Bill 431 would establish the Alaska Cartographic Center within AEIDC and a position of state cartographic coordinator. The primary responsibility of the coordinator would be to collect, reference and coordinate all current and future map products produced by the various state and federal agencies and the private sector. It would also provide continuity in the availability of the surveying and mapping information contained within the numerous federal, state, and local entities and private sector.

OUT OF SESSION

STATE OF ALASKA  
1988 LEGISLATIVE SESSION

BILL VERSION: SB 431

PUBLISH DATE: \_\_\_\_\_

FISCAL NOTE

REQUEST:

Revision Date: March 14, 1988  
 Title: an act establishing the Alaska  
 Cartographic Center; eff. date  
 Sponsor: Sen. Faika & Szymanski  
 Requestor: Senate Resources

Agency Affected: University of Alaska  
 BRU: UAA Organized Research  
 Components: \_\_\_\_\_

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES		46.5	47.9	49.3		
TRAVEL		3.5	3.8	4.0		
CONTRACTUAL		28.0	28.8	29.7		
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING		78.0	80.5	83.0		

CAPITAL	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93

REVENUE	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93

FUNDING: (Thousands of Dollars)

GENERAL FUND		78.0	80.5	83.0		
FEDERAL FUNDS						
OTHER						
TOTAL						

POSITIONS:

FULL-TIME		1	1	1		
PART-TIME						
TEMPORARY						

ANALYSIS: (Attach a separate page if necessary)

Contractual Services in FY90 include Jensen Geospatial Map Pilot Project Preparation and Production; in FY90 and FY91 development of future products inflation at 3% annually. New position is cartographic facilitator.

SEE ATTACHED ANALYSIS

Prepared by: Willie Bensenbrink Phone: 279-4523  
 Division: Arctic Environmental Information & Data Center Date: 3/11/88

Approved by: [Signature] Date: 3/11/88  
 Agency: VP Finance, University of Alaska

Distribution (by preparer):

- Legislative Finance
- Legislative Sponsor
- Requestor
- Office of Management and Budget
- Impacted Agency(ies)

## Continuation of Fiscal Note Analysis

### Senate Bill 431

AEIDC currently maintains--almost wholly supported by contractual income--a staff of five expert, professional cartographers and graphic artists. This staff is adequately supported with space and equipment facilities, as well as administrative oversight. The appropriation of funds for the functions of an Alaska Cartographic facilitator to be fulfilled by an AEIDC senior cartographer would achieve the continuity and support necessary to maintain and increase efficiencies in Alaska map production in general and provide continuity in the development of new tourism map material.

Product funding for the first year would provide for the development and production of a Juneau community photo map promoting tourism. Future funding would provide base support for the tourism map products for the State of Alaska as well as specific regions and communities, to be agreed upon at the conclusion of the pilot project, and would provide program continuity.

It is assumed that full and actual production costs for future products will be borne by a combination of this program, communities and other benefitting entities.

No new positions will be created.

TESTIMONY

OF

WILLY RESENBRINK  
EXECUTIVE OFFICER  
ARCTIC ENVIRONMENTAL INFORMATION AND DATA CENTER  
UNIVERSITY OF ALASKA

ON  
SB 431 AND SB 432

BEFORE  
SENATE RESOURCES COMMITTEE  
JUNEAU, ALASKA

MARCH 14, 1988

Mr. Chairman, my name is Willy Rensenbrink. I serve as executive officer of the Arctic Environmental Information and Data Center (AEIDC), University of Alaska. Thank you for this opportunity to appear here today to testify on SB 431 and SB 432. With me is my colleague Ray Norman, a professional cartographer at AEIDC.

Alaska's economic situation makes it incumbent upon everyone to seek ways and means of improving day-to-day efficiencies throughout the work place--both public and private. We must also seek new ways of enhancing our economy. We believe SB 431 illustrates a way of accomplishing these objectives in a small but important way.

Today there are more than 25 state, federal and local government units which maintain cartographic production capabilities in Alaska. This is due in part to the recognized and different mission-oriented needs of each unit; nevertheless, certain common needs and activities exist. AEIDC, a unit of the University of Alaska, has since its inception in 1972 worked to facilitate the production of maps and atlas products to meet the

publication and information dissemination needs pertinent to natural resource and science issues. In addition to our production of maps, AEIDC has given professional advice to, and produced map and atlas products for, many agencies; in the aggregate, and through this collaborative activity, AEIDC has an unmatched cartographic record in Alaska.

We believe that this past ad hoc collaborative and service role could be more formally recognized and utilized, thereby saving costs by: providing a more complete cartographic information and production base for agency use; and by facilitating efforts to provide the means for better use of the State's mapping resources.

The advantages of undertaking a statewide program are clear in:

- direct financial benefit by eliminating potential duplication of efforts;
- constituent benefit through cooperation of agency efforts toward common goals;
- increased problem-solving ability through agency cooperation; and
- uncertainty reduction through shared information and technology.

AEIDC can help facilitate this by providing through its cartographic unit:

- research for and production of a directory of cartographic services and products available in Alaska;
- publication of a current mapping "profile" wherein agency and private sector activity in Alaska map production, both ongoing and planned, is reported;

- assistance to agencies or private sector firms by providing an awareness of existing map bases available to meet individual production needs at various scales and projections;
- establishment of a coherent interagency and private sector forum to encourage cooperative efforts toward the common goal of improving the mapping industry in Alaska;
- maintenance of an Alaskan cartographic reference file of current mapping products and information so that anyone can find out where to get certain maps, products, and professional services; and
- capability for the production of cartographic products beyond the scope of priority of others and as requested either through joint efforts or solely as products of the Alaska Cartographic Unit at AEIDC.

In summary, the goal we perceive for the Alaska Cartographic Unit is to provide a needed and meaningful focal point for Alaska mapping information and products.

Mr. Chairman, I have some of our map products with us for the committee to look at, and both Mr. Norman and I are available to answer your questions.

Thank you.

Arctic Environmental Information and Data Center  
707 A Street  
Anchorage, Alaska 99501



PHONE (907) 279-4523

UNIVERSITY OF ALASKA - ~~XXXXXXXXXX~~

February 2, 1988

Mr. Anthony Smith, Commissioner  
State of Alaska Department of  
Commerce and Economic Development  
P.O. Box 3 (MS 0800)  
Juneau, AK 99811

Dear Commissioner Smith:

Attached is a conceptual proposal that addresses an area of need that could significantly improve Alaska's tourism industry.

The successful "Sunmap" program developed by the State of Queensland, Australia was brought to our attention as having equal potential for Alaska. The University of Alaska, Arctic Environmental Information and Data Center, approached the Division of Tourism and determined there is an extreme need for similar map products to promote tourism from Alaska's point of view.

Your consideration and assistance in implementing this concept for the economic benefit of Alaska is appreciated.

Sincerely,

David M. Hickok  
Director

DMH:jlh  
66G/002b

FEB 26 1988

Arctic Environmental Information and Data Center  
707 A Street  
Anchorage, Alaska 99501



PHONE (907) 279-4523

UNIVERSITY OF ALASKA - ~~FAYREBANKS~~

February 23, 1988

Senator Jan Faiks  
President of the Senate  
Alaska State Legislature  
P.O. Box V (MS 3100)  
Juneau, AK 99811

Dear Senator Faiks:

Thank you for your interest in the proposed Alaska Cartographic Center as evidenced by SB431 and 432. We are encouraged by your support and excited about the opportunity this legislation can provide in bringing the Alaska Mapping industry into focus.

In the attached "Situation Report," we are providing additional information regarding the functions that could be performed by the Alaska Cartographic Center. We welcome your comments concerning that report.

Additionally, we have enclosed some examples of the Arctic Environmental Information and Data Center's map publications and a representative Australian tourist map in support of the tourist map proposal.

If we can be of any further assistance in this or other matters, please let us know.

Sincerely,

David M. Hickok  
Director

DMH:jlh  
33A/285

## SITUATION REPORT

### ALASKA CARTOGRAPHIC CENTER/SB431 & 432

The recent decline in fiscal resources attendant with falling oil revenues makes it imperative for government to seek ways and means of improving day-to-day efficiency. Today there are more than 25 state, federal, and local government units which maintain cartographic production capabilities. This redundancy is due in part to the respective mission needs of each unit as well as to problems associated with effecting instruments of intragovernmental and intergovernmental cooperation. The Arctic Environmental Information and Data Center (AEIDC), a unit of the University of Alaska, has since its inception in 1972 worked in part to coordinate mapping, natural resource, and science needs in this role has given professional advice to and produced map and atlas products for many agencies. This past ad hoc role could be more formally recognized and utilized, thereby saving costs of duplicative cartographic services.

The advantages of such a coordination effort are clear in:

- ° direct financial benefit by eliminating potential duplication of efforts;
- ° constituent benefit through cooperation of agency efforts toward common goals;
- ° increased problem-solving ability through agency cooperation; and
- ° uncertainty reduction through shared information and technology.

These advantages can be realized through the functions provided by the proposed Alaska Cartographic Center at AEIDC as follows:

- ° research and production of a directory of cartographic services and products available in Alaska;

- ° production of a current mapping profile of agency activity, both ongoing and planned;
- ° facilitate individual agency mapping needs by providing awareness of existing base map projections available to meet these needs;
- ° facilitate a coherent interagency and private sector working group to encourage cooperative efforts toward the common goal of improving the mapping industry in Alaska;
- ° maintenance of an Alaskan cartographic reference file of current mapping products and where they are available and establish a public point of contact for Alaska mapping information, referral, and cartographic advisory services; and
- ° facilitate the production of cartographic products beyond the scope or priority of others and as requested either through joint efforts or solely as products of the Alaska Cartographic Center.

The resulting goal of the Alaska Cartographic Center would be to provide a focal point for Alaska mapping information and products.

# STATE OF ALASKA

## DEPARTMENT OF NATURAL RESOURCES

OFFICE OF THE COMMISSIONER

STEVE COWPER, GOVERNOR

400 WILLOUGHBY AVE.  
JUNEAU, ALASKA 99801-1796  
PHONE: (907) 465-2400

March 11, 1988

The Honorable Jack Coghill  
Chairman, Senate Resource Committee  
P.O. Box V  
Juneau, Alaska 99811

Dear Senator Coghill:

Subject: Senate Bill 431, which establishes the Alaska Cartographic Center within the Arctic Environmental Information and Data Center.

Position: The Department of Natural Resources supports the idea of establishing a cartographic center that includes a reference file for state cartographic products. Many state agencies, as well as the University of Alaska, produce professional, cost effective cartographic products.

We are, however concerned that establishing the position of state cartographic coordinator to oversee the cartographic product preparation of state agencies will add another layer of bureaucracy to state government and make it more time consuming and costly for agencies to produce map products.

Recommendation: We recommend that section 1.(3), page 1 lines 22-24, be deleted; Section 1.(5) page 1 line 28, through page 2 line 3, be deleted; and page 2 lines 23-24 be deleted.

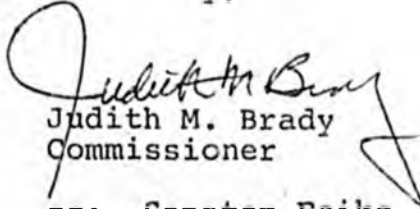
Senator Coghill

-2-

March 11, 1988

Please let me know if you would like additional information about Department of Natural Resources cartographic capabilities and products.

Sincerely,



Judith M. Brady  
Commissioner

cc: Senator Faiks  
Senator Szymanski  
Senate Resource Committee  
Bob Evans  
Rod Swope  
Bob Forbes

bcc: All Division Directors

JMB/phd

FISCAL NOTE

REQUEST:

Revision Date: March 11, 1988  
Title: AK Cartographic Center  
Sponsor: Sen Faiks, Sen. Szymanski  
Requestor: Senate Resources Committee

Agency Affected: Natural Resources  
BRU: Management and Admin., et al  
Components: \_\_\_\_\_

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 88	FY 89	FY 90	FY 91	FY 92	FY 93
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
SUPPLIES						
EQUIPMENT						
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	-0-	-0-	-0-	-0-	-0-	-0-
CAPITAL						
REVENUE						

FUNDING: (Thousands of Dollars)

GENERAL FUND						
FEDERAL FUNDS						
OTHER						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

POSITIONS:

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

[Empty box for analysis]

Prepared by: Carol Wilson Phone: 465-2400  
Division: Commissioner's Office Date: 3/11/88

Approved by Commissioner: [Signature] Date: \_\_\_\_\_  
Agency: Natural Resources

Distribution (by preparer):  
Legislative Finance  
Legislative Sponsor  
Requestor  
Office of Management and Budget  
Impacted Agency(ies)

ALASKA DEPARTMENT OF COMMERCE AND ECONOMIC DEVELOPMENT  
DIVISION OF TOURISM  
TOURIST MAPS AND COMMUNITY PHOTOMAPS

INTRODUCTION

The state of Alaska and the Division of Tourism are actively promoting tourism as one effort to stabilize our economy. There is currently a need for adequate cartographic products, such as tourist maps and community photomaps, that will promote tourism. This proposal suggests utilization of the University of Alaska's Arctic Environmental Information and Data Center's (AEIDC) cartographic/graphic artist staff (via direct RSA) to produce cartographic products designed specifically to promote Alaska's tourism industry by providing the tourist with a product that will enhance his visit upon arrival. AEIDC has had the opportunity to work previously with both state and federal agencies in providing top quality cartographic products (both published and for display) and feel we can make a valuable contribution to your endeavor.

The proposal is presented in the following manner:

1. Introduction
2. Background
3. Objective
4. Work Plan
5. Cost Estimate
6. Resumes

BACKGROUND

The state of Alaska is faced with the continuing challenge of developing its considerable resources and thereby establishing a healthy economy that will allow our state to grow. This challenge is quite similar to that faced by the State of Queensland, Australia. There, the Minister for Lands,

Forestry and Mapping, and Surveying, W. H. Glasson, has implemented a program based on a philosophy that

". . . surveying and mapping information is the foundation of all development within the state. It is the key to efficient planning."

The Queensland mapping program is multifaceted, covering many types of maps including one series that specifically meets the needs of the tourist industry. Their overall program is a cooperative effort between state government and local authorities (including the private sector) sharing the production costs. Through proper marketing, they recover funds needed to periodically revise and offset production costs. Their program has proven successful as is evidenced in their annual report describing their Sun Map Centers.

Today Alaska is without a program within its structure to provide continuity in the availability of the surveying and mapping information contained within the numerous federal, state, and local authorities (including the private sector). How are we to effectively manage the development of our state when we don't know who has the most current information, and how do we make that information available to those who have the need? There needs to be a program established to coordinate, centralize, collect, and if necessary, produce (or coordinate production) of mapping and surveying projects and products that are needed for state development. Alaska should carefully consider and, we suggest, adopt a program patterned after the Queensland's program. This is a very large task, and AEIDC will continue to explore opportunities for realizing this goal with the state. However, an important first step would be to address the applications specific to the tourism industry.

Millions of dollars are being appropriately dedicated to attract tourism, but nothing is being spent to develop the maps that the tourist expects to

find once he gets here. Though the "Rand McNally Map" that the Tourism Division sends in response to inquiries may fill the basic need, we suggest that it is an embarrassment that the state has not utilized its collective talents to produce maps that specifically "promote" Alaska. Needed for this purpose is a complete series of map products having both regional and local focus. Marketed properly, it would recover funds needed to periodically revise and offset production costs such as the "Sun Map Centers of Queensland" have done.

Of note, the basic artwork used to develop the subject tourism maps can, with minor alterations, be reformatted for a large variety of other informational mapping products, without the cost of originally developing the base map artwork. Further, it may well prove possible to use federal mapping artwork as a base for future mapping projects having the tourist in mind.

This proposal does not suggest reinventing the wheel--but rather establishing a program to better manage the considerable mapping and surveying information already at our disposal and mold that into a tool that will meet our future needs, both private and public, and at the same time eliminate duplicating efforts.

#### OBJECTIVES

The principal objective of the proposal is to assist the promotion of the tourism industry within Alaska by producing cartographic products designed to enhance the visit of the tourist. The objective would be accomplished through design and production of the following cartographic products from initial mockups through final printing stage:

1. Community photomaps that concentrate on locations of high tourist interest and economic hubs.

2. A statewide tourist map that will enhance overall trip planning and emphasize locations targeted for tourist development.
3. Regional tourist maps that promote regional areas and provide very specific information to enhance the tourist's visit there.

These products would be designed to guide the visitor to places we want them "not to miss" once they have arrived in Alaska.

#### WORK PLAN

##### COMMUNITY PHOTOMAPS

Community photomaps are identified as the first task because it is the quickest product to prepare to take advantage of the 1988 tourist season. AEIDC proposes to prepare these maps for the three economic hubs of Alaska--Juneau, Fairbanks, and Anchorage, using Juneau as the pilot product. An 18" x 24" format is assumed and would resemble the "Sun Map Photomap" produced by the State of Queensland, Australia.

- A. A preliminary mockup would be prepared incorporating design elements (including: format allowing printing in Alaska; paper; fold design; text criteria; photos; etc.) for review and approval prior to development of final artwork. A team of cartographers and graphic designers would work together under direction of a principal investigator with a cartographic background.
- B. State review/approval of preliminary mockup showing basic format.
- C. Research of suitable aerial photos to be used for the photomap would result in photo recommendations. Should suitable aerial photography not be available, arrangements for an aerial photo mission would need to be made.

- D. Promotional text and photos would be researched and written considering what would be most valuable and interesting in improving the tourist's visit. Space allocations for text would be established previously by the approved mockup. Writers and editors experienced in publications for public use are added to the team for this stage.
- E. State review/approval of text materials.
- F. Final design mockup prepared using approved materials. Typesetting takes place at this stage.
- G. State review/approval of final design mockup.
- H. Final artwork on map and text materials would be prepared in accordance with the approved mockup including: pasteup of written information, enlargement and color separation of photography, and preparation of any additional pre-separated art that is required to provide camera-ready materials.
- I. A state review/approval of artwork would be conducted prior to preparation of composite negatives and chromalin proofs.
- J. Approved chromalin proofs and final negatives would be delivered to the printer. AEIDC could coordinate and supervise the printing of the final product. For economic purposes, the initial printing quantity is recommended at 20,000 copies minimum. (Printing cost per unit decreases as quantity increases.)

A similar work plan would be developed for Fairbanks, Anchorage, and any other priority community selected. Specific costs would vary; e.g., Anchorage, where a mosaic might be required from several vertical aerial photos to provide complete coverage.

ADDITIONAL PRODUCTS

Pending concept approval, detailed work plans and cost estimates would be developed and presented for a statewide tourism map and regional tourism maps. AEIDC would be pleased to work together in developing these or any other map formats needed by the state.

DIVISION OF TOURISM  
TOURIST MAPS AND COMMUNITY PHOTOMAPS

Estimate of Costs

TASK I--COMMUNITY PHOTOMAP OF JUNEAU

A. SALARIES AND STAFF BENEFITS

Design	40 hrs @ \$25.50	\$ 1,020
Text Research & Writing	40 hrs @ \$23.41	936
Editing	20 hrs @ \$26.71	534
Production	120 hrs @ \$24.14	2,897
Secretary	20 hrs @ \$20.29	406
Management/Meetings	20 hrs @ \$24.14	<u>483</u>

Total Salaries and Benefits

\$ 6,276

B. MATERIALS

Scribecoat, Cert & Strip, Mylar, CPFab, Proofing Material

250

C. SERVICES

Typesetting	16 hrs @ \$45.00	\$ 720
Negatives		200
Color Separation & Chromalins		2,500
Aerial Photo Transparencies*		300
* \$5,000 to \$6,000 if a new photo mission is required		
Four-color Printing and Folding for 20,000 copies		<u>9,500</u>

Total Services

13,220

D. TOTAL TASK I DIRECT COSTS

\$ 19,746

E. TOTAL TASK I INDIRECT COSTS @ 40%

7,898

F. TOTAL TASK I COSTS ESTIMATE

\$ 27,644\*\*

\*\*\*\*\*

\*\* Per Unit Average Cost for 20,000 is \$1.38

FISCAL NOTE

Position of Alaska Cartographic Coordinator	
Salary	\$38,000
Staff Benefits	<u>8,500</u>
	46,500
Coordinator Travel	3,500
Juneau Pilot Project Tourism Map	
Preparation and Production	<u>28,000</u>
	\$78,000

NOTE

AEIDC currently maintains--almost wholly supported from contractual income--a staff of five expert, professional cartographers and graphic artists. This staff is adequately supported by space and equipment facilities and administrative oversight. The appropriation of funds for the position of an Alaska Cartographic Coordinator would achieve the continuity and support necessary to achieve direction and efficiencies in Alaska map product production.