

HB

4102

SENATE FINANCE COMMITTEE REPORT

DATE: 5/5/90

FURTHER:

DATE TURNED INTO OFFICE: 5/7/90

The Finance Committee considered

CSHB 402 (SA)

Center for information technology at the Univ. of AK Anchorage and to enhanced geographic information systems within the Univ. of AK system.

and recommended:

- replace with _____ CS _____
 - or adopt _____ CS _____
 - attached amendment(s)
 - _____ letter of intent adopted
- same title
 - new title
 - technical title change (HB only)

do pass

do not pass

no recommendation

individual recommendations

further referral to _____

ATTACHES NEW FISCAL NOTE(S):

Dept/Date:

fiscal note(s) _____

zero fiscal note(s) _____

University

APPROVES PREVIOUS:

Dept/Date:

fiscal note(s) _____

zero fiscal note(s) _____

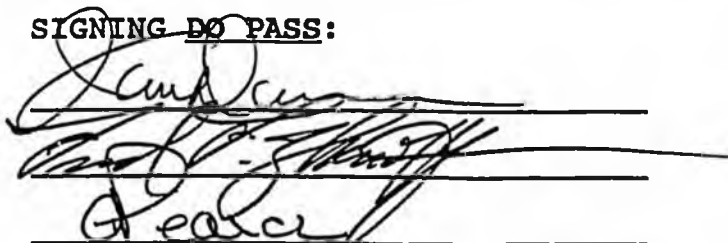
H (SA) 2/2/90

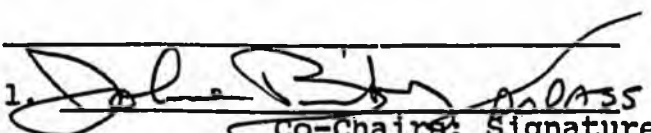
DOA 1/25/90

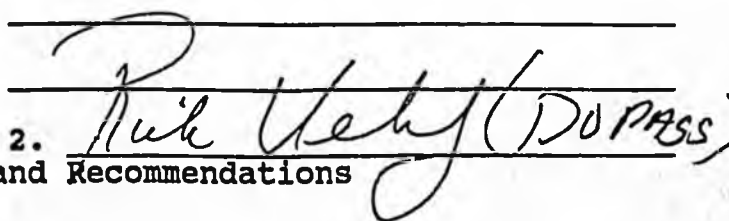
appropriation-no fiscal note

SIGNING DO PASS:

OTHER RECOMMENDATIONS:



1. 

2. 

Co-Chairs: Signatures and Recommendations

FISCAL NOTE

REQUEST:

Revision Date: _____
 Title: Center for information at UAA Agency Affected: University of Alaska
to enhanced geographic information BRU: _____
 Sponsor: Representative Boucher
 Requestor: Senate Finance Committee Components: _____

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96
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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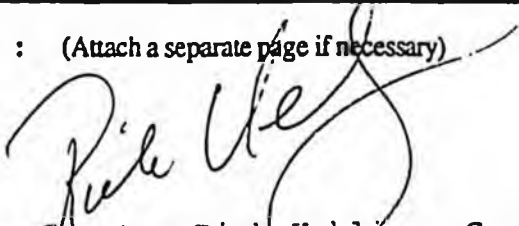
FUNDING: (Thousands of Dollars)

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

POSITIONS:

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

ANALYSIS : (Attach a separate page if necessary)



Prepared by: Senator Rick Uehling, Co-chairman
 Division: Senate Finance Committee

Phone: 465-4821
 Date: 5/7/90

Approved by Commissioner: _____
 Agency: _____

Date: _____

Distribution (by preparer):

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

Adopted

FISCAL NOTE

REQUEST:

Revision Date: _____ Agency Affected: Administration
 Title: Applied Telecommunications Center BRU: Information Services
 Sponsor: Rep. Boucher Components: _____
 Requestor: State Affairs

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY91	FY 92	FY 93	FY 94	FY 95	FY 96
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						
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

See Attached.

Prepared by: Paul Monette, Director Phone: 465-2220
 Division: Information Services Date: 01/22/90
 Approved by Commissioner: Frank S. Baxter Date: 1/25/90
 Agency: Administration

Distribution (by preparer) :

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

Adopted

Department of Administration
Division of Information Services

HB 402 - - FISCAL NOTE

*An Act Relating to Center For Information Technology
at the University of Alaska, Anchorage*

HB 402 is not expected to have any fiscal impact on the Division of Information Services, either during FY 90 or in succeeding fiscal years.

FISCAL NOTE

REQUEST:

Revision Date: _____
Title: Applied Telecommunications
Center
Sponsor: Boucher
Requestor: _____

Agency Affected: _____
BRU: _____
Components: _____

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96
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-
REVENUE	-0-	-0-	-0-	-0-	-0-	-0-

FUNDING: (Thousands of Dollars)

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

POSITIONS:

FULL-TIME						
PART-TIME						
TEMPORARY						

ANALYSIS : (Attach a separate page if necessary)

Please refer to HB 403, which is an appropriation bill for an Applied Telecommunications Center.

Prepared by: House State Affairs Committee Phone: 465-4963
Division: _____ Date: Feb 02, 1990
Approved by Commissioner: H. A. "Red" Boucher, Chair Date: Feb 02, 1990
Agency: _____

Distribution (by preparer):

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

Adopted

Original sponsor(s): REP. BOUCHER, Brown, Ellis

1 IN THE HOUSE BY THE STATE AFFAIRS COMMITTEE
2 CS FOR HOUSE BILL NO. 402 (State Affairs)
3 IN THE LEGISLATURE OF THE STATE OF ALASKA
4 SIXTEENTH LEGISLATURE - SECOND SESSION

5 A BILL

6 For an Act entitled: "An Act relating to a center for information tech-
7 nology at the University of Alaska Anchorage and to
8 enhanced geographic information systems within the
9 University of Alaska system."

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

11 * Section 1. FINDINGS. The legislature finds that

12 (1) the state has an enormous investment in information systems
13 including telecommunications, geographic information, information manage-
14 ment, and software development;

15 (2) telecommunication systems are crucial to the state's pros-
16 perity and well-being;

17 (3) in implementing information systems, the state has not
18 ensured that the development is most responsive to the needs and wishes of
19 the people and best able to enhance the state's economy;

20 (4) the telecommunication system in the state has not kept pace
21 with recent technological developments;

22 (5) several University of Alaska departments have been active in
23 exploring information issues of importance to the state;

24 (6) geographic information systems are useful tools for managing
25 vast quantities of geographic data essential to natural resources develop-
26 ment, environmental assessment, urban and regional planning, engineering
27 design and drafting, land records management, and other activities of the
28 state and local governments;

29 (7) the effective use of geographic information technology has

1 the potential to provide substantial benefits to the state and local gov-
2 ernments through efficiencies from automation, increased capabilities for
3 analysis, and the provision of better data for decision making;

4 (8) the state and local governments have made major financial
5 investments in geographic information systems and data bases, but these
6 efforts have not been coordinated for maximum utility;

7 (9) a demand exists in state and local agencies and private
8 industry for trained technicians and professionals in the field of geo-
9 graphic information technology; and

10 (10) a statewide center for information technology that would
11 draw on the expertise and resources of the university system, attract
12 scholars of international reputation, provide leadership in information
13 planning, policy, and management. offer outreach programs, offer a continu-
14 ing program of applied research, and make expert advice available to the
15 university, state government, and private industry should be established.

16 * Sec. 2. PURPOSE. The purpose of the center for information tech-
17 nology is to foster and facilitate, through the various schools and col-
18 leges, multidisciplinary efforts in education and to engage in research in
19 information management, applied telecommunications, geographic information
20 systems, and software development, and to develop ways of making electron-
21 ically stored information more accessible to users. The center will pro-
22 vide a mechanism for cooperation between university programs and faculty
23 and a variety of users, including students, government agencies, research-
24 ers, professionals in related disciplines, and the general public. The
25 center will be able to conduct applied research, provide support for educa-
26 tion and training in information technology, conduct conferences and semi-
27 nars, work closely with private industry to foster cooperative programs
28 leading to economic development in both rural and urban areas of the state,
29 and assist state and local governments in policy development, management,

1 and planning.

2 * Sec. 3. AS 14.40 is amended by adding a new section to read:

3 Sec. 14.40.095. ESTABLISHMENT OF A CENTER FOR INFORMATION TECH-
4 NOLOGY AT UNIVERSITY OF ALASKA ANCHORAGE. (a) The University of
5 Alaska may establish a center for information technology at the
6 University of Alaska Anchorage with major components at the University
7 of Alaska Fairbanks and the University of Alaska Southeast. The
8 center may charge fees for the services it provides. The university
9 shall account for all fees collected under this section. The annual
10 estimated balance in the account may be used by the legislature to
11 make appropriations to the university to carry out the purposes of
12 this section.

13 (b) The center may

14 (1) provide support for education, training, and research
15 in information technologies to students, professionals, and the gen-
16 eral public;

17 (2) support research on the applications, effects, and
18 management of information technologies and provide research results to
19 the general public;

20 (3) maintain an inventory of telecommunication research in
21 the state;

22 (4) develop and maintain a collection that includes state
23 documents, research reports, and other telecommunication applications
24 materials including videotapes, software, lesson plans, and scripts;

25 (5) support the development and expansion of the geographic
26 information system curriculum of the University of Alaska, including
27 the possible establishment of undergraduate and masters programs;

28 (6) develop and sponsor land record and geographic informa-
29 tion system training workshops and continuing education seminars in

1 cooperation with the appropriate departments of the university;

2 (7) support or undertake research projects that apply geo-
3 graphic information technology to state issues and problems;

4 (8) provide information on the availability of federal,
5 state, municipal, and other sources of geographic information, includ-
6 ing aerial photography and digital data bases related to surveying and
7 land records, natural resource inventories, and related data;

8 (9) prepare and publish on a regular basis research find-
9 ings and periodicals relating to the center's activities;

10 (10) assist state agencies and municipalities in the devel-
11 opment of policies, procedures, and capabilities for public access to
12 automated geographic information;

13 (11) recommend, in consultation with the Telecommunications
14 Information Council and affected state and local agencies and advisory
15 boards, model standards and strategies relating to the implementation,
16 indexing, documentation, mapping, data exchange, and other aspects of
17 land records management and geographic information system development.

18 (c) The university shall include in its annual report to the
19 legislature a summary of the center's revenue and expenditures during
20 the preceding two years.

21 * Sec. 4. The University of Alaska shall submit a report to the legis-
22 lature before February 15, 1991, concerning the progress made in establish-
23 ing the center for information technology at the University of Alaska
24 Anchorage.

FISCAL NOTE

REQUEST:

Revision Date: _____
Title: Applied Telecommunications Center

Agency Affected: University of Alaska
BRU: _____

Sponsor: Red Boucher
Requestor: House Finance Committee

Components: _____

EXPENDITURES/REVENUES: (Thousands of Dollars)

OPERATING	FY 91	FY 92	FY 93	FY 94	FY 95	FY 96
PERSONAL SERVICES	440.8	544.3	544.3	544.3	544.3	544.3
TRAVEL	25.0	25.0	25.0	25.0	25.0	25.0
CONTRACTUAL	98.0	288.0	288.0	288.0	288.0	288.0
SUPPLIES	43.0	43.0	43.0	43.0	43.0	43.0
EQUIPMENT	333.5	40.0	40.0	40.0	40.0	40.0
LAND & STRUCTURES						
GRANTS, CLAIMS						
MISCELLANEOUS						
TOTAL OPERATING	940.3	940.3	940.3	940.3	940.3	940.3

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	940.3	940.3	940.3	940.3	940.3	940.3
FEDERAL FUNDS	59.7	59.7	59.7	59.7	59.7	59.7
OTHER						
TOTAL	1000.0	1000.0	1000.0	1000.0	1000.0	1000.0

POSITIONS:

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

ANALYSIS : (Attach a separate page if necessary)

See attached.

*by SFC
5/7/90*

Prepared by: House Finance Committee

Phone: 465 - 3757

Division: Co-Chairman Ron Larson

Date: _____

Approved by Co-Chairman Lyman Hoffman
Commissioner: _____

Date: _____

Agency: _____

Distribution (by preparer):

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

<u>GIS(UAF)</u>	<u>YEAR 1</u>	<u>YEAR 2 & THEREAFTER</u>
1 Faculty	66.0	66.0
1/2 Time Technician	15.0	15.0
Equipment Maintenance	10.0	10.0
Start-up GIS Equipment (2 GIS workstations)	-	-
Commodities	<u>50.0</u>	<u>-0-</u>
Subtotal GIS--UAF	146.0	96.0
 <u>GIS(UAA)</u>		
1 Faculty/Analyst	59.0	59.0
Faculty Support Staff	50.0	50.0
Equipment Maintenance	25.0	25.0
Commodities	<u>5.0</u>	<u>5.0</u>
Subtotal GIS--UAA	139.0	139.0
 TOTAL	 940.3	 940.3

GIS components for both UAF and UAA will be transferred into and accounted for as part of departmental budgets and not as part of the continuing center operations.

HB 402 BUDGETS

<u>ITEM</u>	<u>YEAR 1</u>	<u>YEAR 2 & THEREAFTER</u>
A. Center Staff (UAA)		
Director	85.0	85.0
Administrative Assistant	36.0	36.0
Info. Resources Manager	50.0	50.0
Secretary	24.0	24.0
B. Research Fellows		
Visiting Research Fellow	55.8	70.0
Jr. Research Fellows	-0-	60.0
Student Assistants	-0-	4.3
Interviewers for Special Projects	-0-	25.0
C. Equipment		
Office Equipment	150.0	-0-
9 Station LAN System	13.5	-0-
Remote CAD/GIS Workstation	25.0	-0-
D. Maintenance		
Computer Equip. Maintenance	15.0	15.0
E. Contract Research		
Funds to target specific studies	-0-	100.0
F. Commodities	33.0	33.0
G. Travel	25.0	25.0
H. Space Rental	48.0	48.0
I. Software Development/Equipment	<u>95.0</u>	<u>40.0</u>
Subtotal CIT (UAA)	655.3	705.3