

SENATE AMENDMENT

By Senate Finance Committee

To: _____ SENATE BILL No. 48

To: _____ HOUSE BILL No. _____

PAGE: 1 LINE: 20

DELETE ENTIRE SECTION 2

Introduced: 1/13/81
Referred: Finance

1 IN THE SENATE

BY THE RULES COMMITTEE BY
REQUEST OF THE GOVERNOR

2 SENATE BILL NO. 48

3 IN THE LEGISLATURE OF THE STATE OF ALASKA

4 TWELFTH LEGISLATURE - FIRST SESSION

5 A BILL

6 For an Act entitled: "An Act relating to grants for northern technology."

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

8 * Section 1. AS 44.46.080(d) is amended to read:

9 (d) The council may, as funds are appropriated make grants of
10 financial assistance of up to \$7,500 [\$5,000] to persons engaged in the
11 development or implementation of northern technology. An application
12 for a grant under this subsection shall be submitted to the council
13 which shall determine the manner in which applications are reviewed and
14 approved. The council may make grants in coordination with other
15 sources of funding. An applicant for funds for a demonstration project
16 shall include with his application a statement that the completed
17 project will be available for public inspection. Any patents or royal-
18 ties accruing from projects funded through grants made by the council
19 remain the property of the individual receiving the grant.

20 ~~* Sec. 2. AS 44.46.100(2) is amended to read:~~

21 (2) "northern technology" means the ~~application in Alaska of~~
22 ~~methods of scientific and technological application and research which~~
23 ~~will improve the lifestyle and livelihood of the people of Alaska~~
24 [ENERGY GENERATION, WASTE DISPOSAL, RECYCLING, FOOD PRODUCTION, TRANS-
25 PORTATION, BUILDING DESIGN, AND INDUSTRIAL ENTERPRISE WHICH MAY BE MORE
26 EFFICIENT, AND LESS COSTLY AND LESS ENERGY INTENSIVE THAN THOSE METHODS
27 PRESENTLY UTILIZED] and which are appropriate to the Alaska environment.

28 * Sec. 3. If Executive Order No. 48 (transferring the Alaska Council on
29 Science and Technology to the Department of Administration) is not dis-

1 approved by the legislature under art. III, sec. 23 of the Alaska Constitu-
2 tion, the amendments in secs. 1 and 2 of this Act are considered amendments
3 of AS 44.21.210(d) and 44.21.230(2), respectively.

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Feb 48

January 12, 1981

President of the Senate
Alaska State Legislature
Pouch V
Juneau, AK 99811

Dear Mr. President:

Under the authority of art. III, sec. 18 of the Alaska Constitution, I am transmitting a bill relating to grants for northern technology. The grant program for northern technology was enacted in ch. 56 SLA 1979, assigning administrative responsibility to the Alaska Council on Science and Technology.

Section 1 of the attached bill merely increases the grant ceiling, from \$5,000 to \$7,500. After two years of administering this program, it is obvious that the original grant ceiling has been diminished due to inflation, increased shipping costs, and the technical assistance needed to insure success of these innovative projects. This has occurred even with the council not allowing applicants to charge for their own labor in proposals.

Further, there is no local, state, or federal grant program in this category that meets the monetary stipulation in the \$5,000 to \$7,500 range. Hence many good projects are left unfunded because they are over \$5,000, but do not qualify as a large scale project.

Section 2 of this bill redefines "northern technology." The council wishes to keep this program innovative and flexible -- tuned to the changing needs of society with the ability to respond to its needs in a speedy and timely fashion. Already, the council is identifying areas where small grants could be most helpful but are outside the purview of this or any other grant program. Two specific recent examples are in public safety (a smoke alarm best suited for the bush conditions) and medicine (the discovery of an Alaskan red algae which could be processed and used against herpes virus).

48

I urge prompt enactment of this measure.

Sincerely,

SJSH

Jay S. Hammond
Governor

180

Members of the Alaska Council on Science and Technology

T. Neil Davis
 ACST Chairman
 Geophysical Institute
 University of Alaska

Neil Davis is Professor of Geophysics, Geophysical Institute, University of Alaska, Fairbanks. He received his doctorate at the UAF in Geophysics. He is a member of the American Geophysical Union, the International Association for Geomagnetism and Aeronomy, the Society of Sigma XI, and Executive Secretary of the Alaska Division of the American Association for the Advancement of Science. He has more than 70 publications and his present research interests include: aurora and geomagnetism; low-light leveling imaging of auroras; rocket and satellite instrumentation; and seismology.

David M. Hickok
 Arctic Environmental Information and Data Center
 University of Alaska

David Hickok is Director of the Arctic Environmental Information and Data Center, University of Alaska, Anchorage. He graduated from the New York State College of Forestry, Syracuse University, (summa cum laude, B.S.). He is a graduate of the First U.S. National Staff and Command School for Fire Control, Battle Creek, Michigan; a member of the Polar Research Board, National Research Council, National Academy of Sciences; past-President of the Alaska Division, American Association for the Advancement of Science; and past-Chairman of the Alaska Ecological Reserves Council.

Richard R. Straty
 ACST Vice Chairman
 Marine Investigations
 Auke Bay Fisheries Laboratory
 U.S. Department of Commerce/NOAA

Richard Straty is Director of Marine Investigations, Auke Bay Fisheries Laboratory, U.S. Department of Commerce/NOAA. He received his doctorate from Oregon State University in fisheries and oceanography. He is a member of the American Fisheries Society; the American Institute of Fishery Research Biologists; the American Society of Limnology and Oceanography; and the Pacific Fishery Biologists.

Ernst W. Mueller
 Department of Environmental Conservation

Ernst Mueller is Commissioner of the Department of Environmental Conservation. He graduated from the University of Alaska, Master of Science with majors in secondary education and chemistry. Mr. Mueller has conducted graduate work in chemistry and oceanography. He is a member of the American Chemical Society; the American Association for the Advancement of Science; the Ecological Society of America; the American Society of Limnology and Oceanography; the International Oceanographic Foundation; and the American Management Association.

Mim H. Dixon
Anthropological Consultant

Mim Dixon is a self-employed consultant for applied anthropological research. Prior to her consultant work, she was Associate Professor of Medical Science, WAMI and Assistant Professor of Medical Science, WAMI. She received her doctorate from Northwestern University in Anthropology. She is a member of the American Anthropological Association; the American Public Health Association; the Society for Applied Anthropology; the Society for Medical Anthropology; and the Alaska Public Health Association.

Robert Burkett
Department of Fish and Game

Robert Burkett is Chief of Technology and Development for the F.R.E.D. Division of the Alaska Department of Fish and Game. He has a Ph.D. from Ohio State University in fisheries and limnology. Former positions include research ecologist for Batelle Memorial Laboratory and Director of Technical Evaluations for the Ohio Power Siting Commission. He is a member of the American Fisheries Society, American Society of Limnology and Oceanography, and the American Institute of Fisheries Biologists. His research interests and history are in environmental impact analysis, power plant siting and ecosystem dynamics.

Jay Hogan
Alaska State Legislature

Jay Hogan graduated from the University of Massachusetts with a sociology degree and has an MA from Dartmouth College in government. Since 1971 he has served as Director of the Legislative Finance Division for the Alaska Legislature. This division serves as staff to the standing finance committees of the legislature and the legislative Budget and Audit Committee. Prior to his present post, he was fiscal analyst to the Legislative Affairs Agency; fiscal analyst, New Mexico Legislative Counsel Service; management analyst, Colorado Department of Administration; and, management analyst, U.S. Department of the Interior, Washington, D.C.

J. Christopher Noah
ACST Executive Director

Christopher Noah graduated from Goddard College with a Master of Arts degree in Environmental Affairs. He has a Bachelor of Arts degree in political science. Prior to his position as ACST executive director, he was Chairman of the Alaska Regional Coastal Planning Team; Senior Planner for the Department of Environmental Conservation; Staff Coordinator and Research Associate for the Institute of Ecology in Washington, D.C. He has served as a consultant to the Department of Energy, the National Science Foundation and the Maryland Legislature.

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. S.B. 48
 Title "An Act relating to grants for northern technology"
 Requested by Governor Date 1/8/81

II. FISCAL DETAIL

Agency Affected Environmental Conservation
 Program Category Affected Natural Resources Management and Environmental Conser-
BRU, Program, or Subprogram(s) Affected Alaska Council on Science and Technology
 (Note: If more than one budget component is affected, separate line-item amounts and funding for each
 component in the analysis section.)

EXPENDITURES (Thousands of Dollars)

	FY 81	FY 82	FY 83	FY 84	FY 85	FY 86
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL	-0-	-0-	-0-	-0-	-0-	-0-

FUNDING (Thousands of Dollars)

GENERAL FUND	-0-	-0-	-0-	-0-	-0-	-0-
FEDERAL FUNDS						
OTHER (Specify Fund Source)						

POSITIONS

FULL TIME						
PART TIME						
TEMPORARY						

III. ANALYSIS (See Fiscal Note Preparation Instructions, Section III)

IV. DATE 1/8/81

PREPARED BY Christopher Noah, Executive Director
 AGENCY Alaska Council on Science and Technology
 PHONE 465-3510

Original: Legislative Finance
 cc: Budget and Management
 Prime Sponsor (First Legislator Named)

05-16-20-20-00 (18-45-9-18-00-00)

STATE OF ALASKA -- COMPONENT_BUDGET_SUMMARY

16:24

1/19/81

CATEGORY: NATURAL RESOURCE MANAGEMENT
AGENCY: DEPARTMENT OF ENVIRONMENTAL CONSERVATIONPROGRAM: OFFICE OF SCIENCE AND TECHNOL.
SUB-PROGRAM: EXECUTIVE OPERATIONS

----- F I S C A L Y E A R 1 9 8 2 -----

EXPENDITURES & FUNDING	(01) FY80 ACT	(02) FY81 ATH	(03) FY81 RP	(04) FY81 SUP	(05) CONT	(06) REQUEST	(07) GOV AMD	(08) GOVERNOR	(09) HOUSE	(10) SENATE	(11) F.C.C.	(12) BILLS	(13) LEG.REC.
01 PERS. SERV.	78.8	65.8			75.9	106.8		106.8					
02 TRAVEL	26.4	28.9			32.4	35.4		35.4					
03 CONTRACTUAL	45.4	66.4			71.7	76.7		68.9					
04 COMMODITIES	6.3	3.3			3.6	5.6		5.6					
05 EQUIPMENT	8.7					.7		.7					
06 LANDS/BLDGS													
07 GRANTS, CLMS	51.7	260.0			280.8	280.8		280.8					
08 MISC.													
** TOTAL EXPEND	217.3	424.4			464.4	506.0		498.2					
09 UNAPPRO		5.9			10.0	10.0		10.0					
10 FED. RECEIPT													
11 G. F. MATCH													
12 GENERAL FUND	217.3	424.4			464.4	506.0		498.2					
13 PGM RECEIPTS													
14 OTHER FUNDS													
15 FULL-TIME		2.0			2.0	3.0		3.0					
16 PART TIME													
17 TEMPORARY													
18 MAN-MONTHS		24.0			24.0	36.0		36.0					

NEW POSITIONS

TITLE	LOCATION	TYPE	REQ	S&B COST	OTH.COST	TOT.COST	FED.FUND	GEN.FUND	OTH.FUND	GV	HS	SN	FC	FN
1 ADMINISTRATIVE ASSISTANT	JUNEAU	FULL	1	30.9	10.7	41.6		41.6		1				
** NEW POSITION TOTALS			1	30.9	10.7	41.6		41.6		1				

CODE	EXPENDITURE CLASSIFICATION	PRIOR YEAR	CURRENT YEAR	BUDGET YEAR - FY 82			GOV.'S BUDGET
		FY 80 ACTUAL	FY 81 AUTHORIZED	AGENCY.			
1	2	3	4	5	6	7	8
1.	600						280.8
2.	600						
3.	628						
4.	960						
5.	700	50.0	260.0	280.8	14.0	294.8	
6.	720						
7.	730						
8.	740	50.0	260.0	280.8	14.0	294.8	
9.	750						
10.	970						
11.	970						
12.	800						
13.	810						
14.							

15.	EXPLANATION:	Continuation	Addition	FOR B & M USE
	Northern Technology and major issue research grants	280.8	14.0	

AGENCY Dept. of Environmental Conservation

PROGRAM Environmental Conservation

REVISED

DATE 11/6/80

BRU AK Council on Science & Tech.

PAGE 1 OF 1

COMPONENT _____

18

LANDS, GRANTS AND
MISCELLANEOUS

FY 82

02977

Introduced: 1/13/81
Referred: Finance

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BY THE RULES COMMITTEE BY
REQUEST OF THE GOVERNOR

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OTHER (Specify Fund Source)						

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PART TIME						
TEMPORARY						

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IV. DATE 1/8/81 PREPARED BY Christopher Noah, Executive Director
 AGENCY Alaska Council on Science and Technology
 PHONE 465-3510
 Original: Legislative Finance
 Budget and Management

26 48

January 12, 1981

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Alaska State Legislature
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