HJR

67

Offered: 3/19/86
Referred: Resources

Lauterbach

Original sponsors: Grussendorf, Martin, Herrmann, et al

IN THE HOUSE BY THE STATE AFFAIRS COMMITTEE

CS FOR HOUSE JOINT RESOLUTION NO. 67 (State Affairs)

IN THE LEGISLATURE OF THE STATE OF ALASKA

FOURTEENTH LEGISLATURE - SECOND SESSION

Requesting the United States Congress to establish advanced all-weather satellite coverage of North Pacific waters.

BE IT RESOLVED BY THE LEGISLATURE OF THE STATE OF ALASKA:

WHEREAS remote sensing of the ocean is playing an increasingly important role in fishery research, fish harvesting, and marine safety along the Pacific Coast of the United States and Canada; and

WHEREAS satellite sensors give a unique view of the ocean surface and provide extensive and detailed images of sea surface temperature, color, mixed layer depth, currents, and wave action; and

WHEREAS the oceanic measurements taken by the satellite are used in determining variations in ocean conditions that play key roles in causing fluctuations in stocks of fishes and their vulnerability to harvesting; and

WHEREAS this timely information on the changing ocean, rather than on average ocean conditions, is necessary to understand and eventually predict the effects of the marine environment on fish populations; and

WHEREAS up-to-date weather information can provide the fishing fleet accurate weather data that will increase the safety and efficiency of fish harvesting; and

WHEREAS the use of satellite sensors combined with conventional data collection techniques provides a powerful tool toward ensuring the wise use of living marine resources; and

WHEREAS these clues can lead the United States Coast Guard and other enforcement agencies to the precise locations where harmful interception of North American fish are taking place; and

WHEREAS several manufacturers have developed oceanographic color displays designed to receive signals from a satellite and to display, in color, an absolute surface temperature distribution for a large water area; and

WHEREAS in order to provide this information to fishermen, enforcement agencies, and research facilities, receiving stations need to be established in Alaska to monitor the North Pacific region; and

WHEREAS an all-weather satellite is needed to provide this detailed information because it is not dependent on cloud cover conditions; and

WHEREAS the National Aeronautics and Space Administration has abandoned the Gilmore Creek Satellite Receiving Station and this station can be used by the National Weather Service to receive satellite data in Alaska;

BE IT RESOLVED that the Alaska State Legislature finds establishment of all-weather satellite and receiving stations would benefit the fishermen, marine researchers, enforcement agents, and merchant mariners of the United States and Alaska; and be it

FURTHER RESOLVED that the Alaska State Legislature respectfully requests the United States Congress to establish an all-weather monitoring satellite for the waters of the North Pacific Ocean; and be it

FURTHER RESOLVED that the legislature respectfully requests that Congress transfer NASA's Gilmore Creek Satellite Receiving Station to the National Weather Service and provide funding for its use; and be it

FURTHER RESOLVED that the legislature also [illegible]

STATE OF ALASKA 1986 LEGISLATIVE SESSION
FISCAL NOTE

Revision Date : _____

REQUEST

Bill/Resolution No. : HJR 67
Title : Requesting the US Congress to establish advanced all-weather satellite coverage of the North Pacific
Sponsor : Grussendorf
Requestor :
Date of Request :

FISCAL DETAIL

Agency Affected : Fish and Game
BRU : Fisheries Resource Conservation
Components : ~~Commercial Fisheries~~

EXPENDITURES/REVENUES : (Thousands of Dollars)

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
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						
FEDERAL FUNDS						
OTHER						
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 : Robert C. Clasby — Phone : 465-4210
Division : Commercial Fisheries — Date : 3/5/86

Approved by Commissioner : _____ Date : 3/7/86
Agency : _____

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

10/25 85

Alaska State Legislature

Speaker of the House of Representatives

Pouch V
State Capitol
Juneau, Alaska 99811
(907) 465-3720

Official Business

M-E-M-O-R-A-N-D-U-M

To: Sen. Mitch Abood

Fr: Rep. Ben Grussendorf

Dt: 27 March 1986

Re: HJR 67 requesting the United States Congress to establish advanced all-weather satellite coverage of North Pacific waters

Please consider scheduling a hearing on CSHJR 67 (State Affairs). Attached please find a fiscal note and bill analysis preparded by the department of Fish and Game, and other backup material.

Analysis

The resolution requests congress to establish and fund two elements of a weather satellite system:

1) Gilmore Creek Recieving station (25 miles N.E. of Fairbanks) was abandoned by NASA on October 1st of 1984. Transfer to NOAA of this facility would greatly enhanse the National Weather Service's ability to gather weather data.

2) Fund the placement of a color scanner and other all-weather equipment on the next available satellite with a view of the North Pacific.

The recieving station, and the satellite equipment form a powerful weather forcasting system, providing data on: ocean surface temperature, the depth of the mixed layer of water, ocean color, wind/current direction and speed, and wave hieghts. Computer analysis can produce a chart highlighting the areas where fish are likly to be caught.

My interest in this information comes from an enforcement angle. Data from this satellite system will show us where the foreign fishing fleets are fishing and perhaps targeting salmon of north american orgin. If we know where they are likly to be fishing the Coast Guard or other enforcement agency can consentrate their limited resources to that specific area.

The Gilmore Creek Receiving station can easily used by the Weather Service with little capital outlay. In fact, the data linc from

Gilmore Creek to the weather computer in Anchorage is already in place. The station can receive data from foreign satellites like France's ERS-1 thus exanding the amount of weather information availible in Alaska.

The Hawaii legislature has passed a similar resolution (attached). Other back-up information has been provided to your staff.

STATE OF ALASKA

OFFICE OF THE GOVERNOR

BILL ANALYSIS

DEPARTMENT	DIVISION	BILL NUMBER	SPONSOR
Fish and Game	Commercial Fisheries	HJR 67	Grussendorf

DEPARTMENT POSITION

Support

PREPARED BY	DATE	COMMISSIONER'S SIGNATURE	DATE
Robert C. Clasby	3/5/86		3/7/86

SUMMARY

OTHER AGENCIES AFFECTED BY BILL	CONSTITUENT GROUP(S) AFFECTED BY BILL
DEC, DNR, DOT/PF, DPS	Marine Resource Users
ORGANIZATIONAL SUPPORT FOR BILL	**ORGANIZATIONAL OPPOSITION TO BILL**
Unknown	Unknown

FISCAL IMPACT: ☐ NONE ☒ FISCAL NOTE ATTACHED

BACKGROUND/LEGISLATIVE INTENT

Most likely the intent of the Legislature is to increase knowledge of oceanographic and weather conditions.

ANALYSIS OF BILL/PROGRAM EFFECTS

If the satellite system will indeed provide the information outlined in the resolution, then the system would be very helpful to the department for fisheries and marine mammals' research and management.

AMENDMENTS PROPOSED

PLEASE ATTACH A SEPARATE SHEET FOR ADDITIONAL COMMENTS OR ANALYSIS.

STATE OF ALASKA 1986 LEGISLATIVE SESSION

FISCAL NOTE

Revision Date : _____

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Sponsor : Grussendorf
Requestor : _____
Date of Request : _____

FISCAL DETAIL

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Components : ~~Commercial Fisheries~~

EXPENDITURES/REVENUES : (Thousands of Dollars)

OPERATING	FY 86	FY 87	FY 88	FY 89	FY 90	FY 91
PERSONAL SERVICES						
TRAVEL						
CONTRACTUAL						
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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						
FEDERAL FUNDS						
OTHER						
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 : Robert C. Clasby — Phone : 465-4210
Division : Commercial Fisheries — Date : 3/5/86

Approved by Commissioner : _____ — Date : 3/7/86
Agency : _____

Distribution (by Agency preparing fiscal note) :
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- Impacted Agency(ies)

10/25/85

(To be made one and seven copies)

THE SENATE
THIRTEENTH ..... LEGISLATURE, 19 86
STATE OF HAWAII

S.R. NO.

SENATE RESOLUTION

REQUESTING THE UNITED STATES CONGRESS TO ESTABLISH SATELLITE REMOTE SENSING RECEIVING STATIONS IN HAWAII, GUAM AND MIDWAY.

WHEREAS, remote sensing of the ocean is playing an increasingly important role in fishery research and fish harvesting along the Pacific Coast of the United States and Canada; and

WHEREAS, satellite sensors give a unique view of the ocean surface and provide extensive and detailed images of sea surface temperature and color; and

WHEREAS, the oceanic measurements taken by the satellite are used in determining variations in ocean conditions which play key roles in causing fluctuations in stocks of fishes and in their vulnerability to harvesting; and

WHEREAS, this information on the changing ocean, rather than on average ocean conditions, is necessary to understand and eventually predict the effects of the marine environment on fish populations; and

WHEREAS, the use of satellite sensors combined with conventional data collection techniques provide a powerful tool toward ensuring the wise use of living marine resources; and

WHEREAS, the Japan Radio Company Limited has developed an oceanographic color display designed to receive signals from the satellite and to display in color an absolute surface temperature distribution for a large water area; and

WHEREAS, in order to provide this information to fishermen, receiving stations need to be established in Hawaii, Guam and Midway to monitor the entire Pacific region; now, therefore,

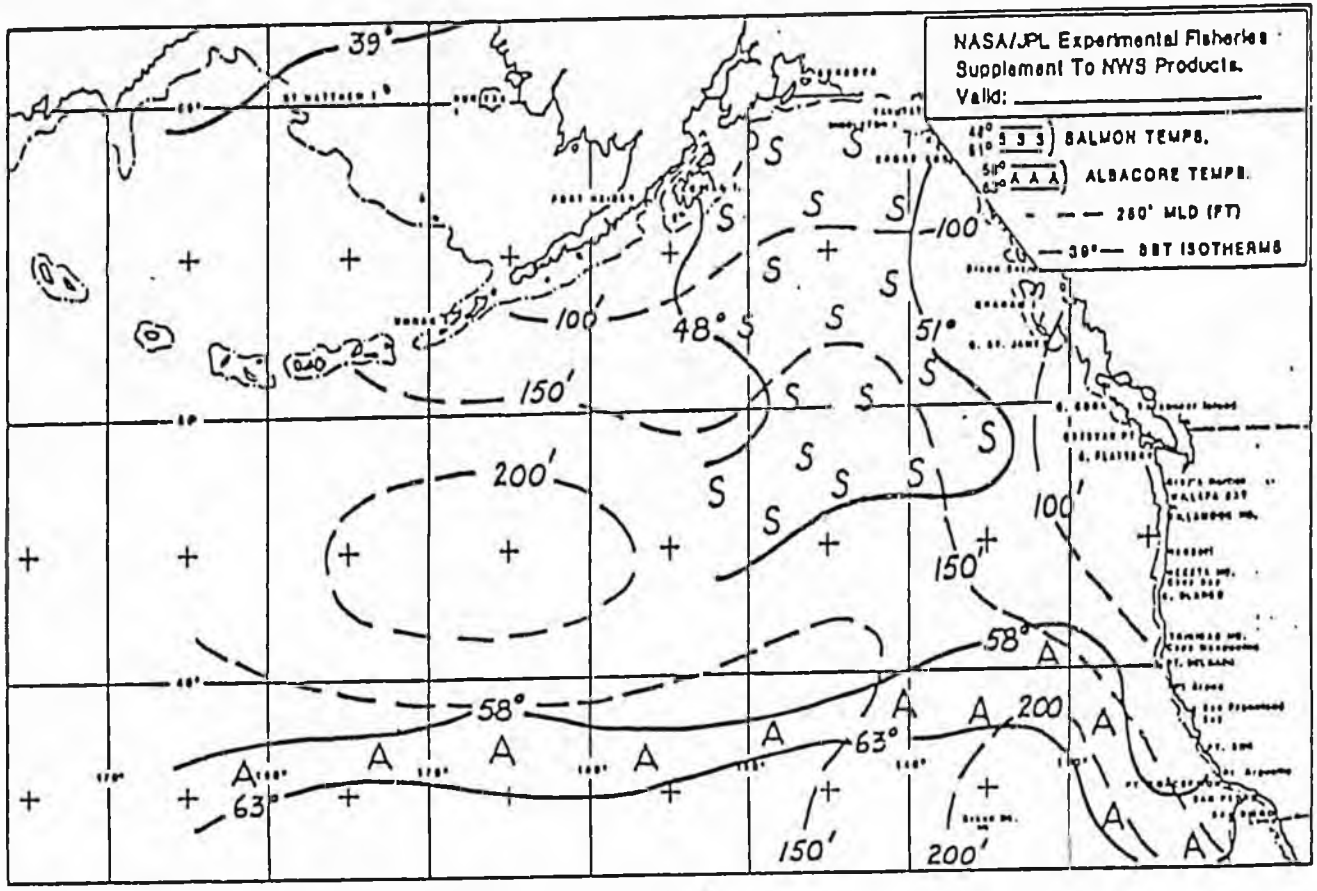
S.R. NO.

BE IT RESOLVED by the Senate of the Thirteenth Legislature of the State of Hawaii, Regular Session of 1986, that the Legislature requests that the United States Congress establish satellite remote sensing receiving stations in Hawaii, Guam and Midway to assist the fisheries industry in locating stocks of fish for harvesting; and

BE IT FURTHER RESOLVED that the Legislature also requests that funds are allocated for the purchase of oceanographic color displays for the receiving stations and for the distribution of ocean temperature information to fishermen; and

BE IT FURTHER RESOLVED that certified copies of this Resolution be transmitted to the Speaker of the United States House of Representatives, the President of the United States Senate, to each member of Hawaii's congressional delegation, to Guam's congressional delegate, and to the Secretary of the Navy.

OFFERED BY: _____



SAMPLE 3. PACIFIC BASIN (AREA 5) FISHERIES-AID CHART.

OCEAN COLOR BOUNDARIES FROM NIMBUS-7