

ALASKA LEGISLATURE COMMITTEE FILES 2019020072

1848

HRES

HB 837

-

HCR 51

1848

ALASKA STATE LEGISLATURE

TWELFTH Legislature SECOND Session

HOUSE BILL NO. 837

By ...Reirne.....

"An Act relating to homesteads for veterans."

homesteads for veterans

Introduced in the House ..2/16....., 19...82

HISTORY IN THE HOUSE

19 82

Feb 16

Read first time and referred to Committee on State Affairs, Resources and Finance. Reported back with recommendation that

Read second time and

Read third time and

PASS	Effective Date
Yeas	Yeas
Nays	Nays
Absent	Absent
Excused	Excused

Reconsideration

PASS	Effective Date
Yeas	Yeas
Nays	Nays
Absent	Absent
Excused	Excused

Reported correctly engrossed
Signed by Speaker
Sent to Senate

CHIEF CLERK OF THE HOUSE

HISTORY IN THE SENATE

19

Read first time and referred to Committee on

Reported back with recommendation that

Read second time and

Read third time and

PASS	Effective Date
Yeas	Yeas
Nays	Nays
Absent	Absent
Excused	Excused

Reconsideration

PASS	Effective Date
Yeas	Yeas
Nays	Nays
Absent	Absent
Excused	Excused

Reported correctly engrossed
Signed by President
Returned to House

SECRETARY OF THE SENATE

HISTORY IN THE HOUSE

19

Received from Senate
Concurred in Senate amendment thus adopting:
VOTE
Failed to concur in Senate amendment; asked Senate to recede
VOTE
Senate receded from amendment
VOTE
Senate failed to recede from amendment
VOTE
CC appointed by House
CC appointed by Senate
CC adopted by House
VOTE
CC adopted by Senate
VOTE
To enrolling
Reported correctly enrolled
Sent to Governor
..... by Governor
Filed with Lt. Governor
Chapter No.

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. CSHB 837 (SA)
 Title Disposal of State Land
 Requested by House State Affairs Date 4/2/82

II. FISCAL DETAIL

Agency Affected Department of Natural Resources
 Program Category Affected NRMEC
 BRG, Program, Or Subprogram(s) Affected Land Management
 (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 82	FY 83	FY 84	FY 85	FY 86	FY 87
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL		-0-				

See Below

FUNDING (Thousands of Dollars)

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
GENERAL FUND		-0-				
FEDERAL FUNDS						
OTHER (Specify Source)						

POSITIONS

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
FULL TIME						
PART TIME						
TEMPORARY						

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

This amendment to AS 38.05.055 and .075 imposes no additional administrative costs on the Department. However, any parcels sold at less than fair market value could theoretically represent a loss of income to the State, although that income would not be realized until some point in the future.

IV. DATE 4/2/82 PREPARED BY Mark Wittow Mark Wittow
 AGENCY Department of Natural Resources
 Original: Legislative Finance PHONE 465-2400
 cc: Budget and Management
 Prime Sponsor (First Legislator Named)
 33-001 (Rev. 12/81)

HCR

2

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

MAR 26 1982

I. REQUEST

Bill/Resolution No. CSHB 2
Title An Act relating to state land: establishing a homestead entry program
Requested by Resources Committee Date 3-12-82

II. FISCAL DETAIL

Agency Affected Department of Natural Resources
Program Category Affected _____
BRU, Program, or Subprogram(s) Affected _____
(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-			

FUNDING (Thousands of Dollars)

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

POSITIONS

FULL TIME						
PART TIME						
TEMPORARY						

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

This program can be handled with present staff for the next fiscal year.

IV. DATE March 24, 1982 PREPARED BY Jeff Haynes
AGENCY Natural Resources
PHONE 465-2400
Original: Legislative Finance
Budget and Management
Prime Sponsor (First Legislator Named)

HCR

16

COMMITTEE REPORT
HOUSE

4/3/81

FURTHER:

(11)

Date: 4/20/81

Mr. Speaker:

The Committee on RESOURCES has had HCR 16

"Relating to broodstocks for fisheries rehabilitation and enhancement."

under consideration and (a majority of the committee) (the committee) reports it back with the following recommendations:

- do pass do not pass
- do pass with attached amendments(s)
- replace with CS for _____ same title
 new title
- and recommends DO PASS
- AND attaches a "Letter of Intent" New Fiscal Note
- reports it back without recommendation
- referred to the _____ Committee

MEMBERS SIGNING
DO PASS

Terry Gardiner

Eric C. Lathoff

[Signature]

MEMBERS HAVING
OTHER RECOMMENDATIONS:

[Signature]

[Signature]
Co-CHAIRMAN
Terry Gardiner

page 2

line 11 after broodstock ADD

FROM ALREADY DEPRESSED FISH STOCKS, WHEN NECESSARY,

entire clause reads

BE IT RESOLVED that the Alaska State Legislature respectfully requests the governor, through the Department of Fish and Game, and the Board of Fisheries to provide for broodstock from already depressed fish stocks, when necessary, for fisheries rehabilitation and enhancement projects.

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

I. REQUEST

Bill/Resolution No. HCR 16
 Title RELATING TO BROODSTOCKS FOR FISHERIES REHABILITATION AND ENHANCEMENT
 Requested by _____ Date _____

II. FISCAL DETAIL

Agency Affected DEPARTMENT OF FISH AND GAME
 Program Category Affected NRMEC
 BRU, Program, or Subprogram(s) Affected F.R.E.D., COMMERCIAL FISH, BOARDS OF FISHERIES
 (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	-0-	-0-	-0-	-0-	-0-	-0-
PART TIME						
TEMPORARY						

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

NOTHING IN THIS RESOLUTION WILL INCREASE THE COST OF TAKING BROODSTOCK EGGS BEYOND THE CURRENTLY BUDGETED AMOUNTS.

IV. DATE APRIL 14, 1981 PREPARED BY JANET B. GREEN
 AGENCY DEPARTMENT OF FISH AND GAME
 PHONE 465-4120

Original: Legislative Finance
 cc: Budget and Management
 Prime Sponsor (First Legislator Named)
 RON LEHR, OFFICE OF THE GOVERNOR

HCR

23

STATE OF ALASKA

HR 23
JAY S. HARMOND, GOVERNOR

DEPARTMENT OF FISH AND GAME OFFICE OF THE COMMISSIONER

SUPPORT BUILDING
JUNEAU, ALASKA 99801

April 1, 1981

The Honorable Frank R. Ferguson
Alaska State Senate
Pouch V, State Capitol
Juneau, Alaska 99811

Dear Senator Ferguson:

This letter is written in response to your March 12, 1981 request for Department assistance in preparation of a fiscal note for SCR 15 (your letter attached). I directed the Commercial Fisheries Division staff to develop a five-year approach or plan to the gathering and evaluation of comprehensive data concerning salmon stocks in the Arctic-Yukon-Kuskokwim Region. I directed the staff to consider the projects recommended by Douglas Pope which you provided and to consider the following assumptions as they developed the five-year plan:

- (1) the level of program currently represented in the FY 82 Governor's operating budget request would be continued through the five-year period;
- (2) only a limited number of the countless possible field projects can be implemented over the next few years due to logistic, personnel, and needed quality control considerations;
- (3) an approach to better documentation and utilization of existing data must be identified;
- (4) comprehensive studies keying on: (a) stock enumeration, identification, and migratory patterns and timing; (b) mixed stock fishery problems and solutions; and (c) juvenile salmon abundance must be considered in relation to improving the existing resource and fishery monitoring and management regime; and
- (5) as a general guideline for the number of projects to include while addressing your specific requests, the total cost of the continuation and new proposed program cannot exceed more than one-half of the commercial value of the AYK salmon resource over the next five-years (five-year commercial fishery value is estimated at \$40 million and five-year continuation cost is estimated at \$10 million).

April 1, 1981

The staff has responded to my request and prepared a draft five-year plan. Because only a few weeks of time were available to prepare these materials and because of the magnitude of the A-Y-K Region, and the diverse nature of its fisheries, the resulting plan and component proposals should be considered provisional and subject to change. Even with these limitations, I believe the subject plan with associated proposals will provide you with an evaluation of what the Department believes it could accomplish over the next five years. Following is a list and abstract of proposals prepared by the staff which address the concerns of SCR 15 with associated fiscal information. Detailed proposals are attached for those projects that could be implemented the first year.

Again, I would stress that the FY 82 Administration operating budget request contains the Department's highest priority projects for A-Y-K and other areas of the State, given the budget ceilings we have operated under. The attached proposals represent extensions of this program. Details of projects included in the FY 82 request have been sent to you under separate cover.

Projects planned for the gathering and evaluation of comprehensive information about salmon stocks in the A-Y-K region.

Title of Proposal	Department priority	Duration	Year 1	Year 2	Year 3	Year 4	Year 5	Total Cost
Origins of Chinook Salmon Intercepted by the Japanese Mothership Fishery	High	3 years	85.2	120.0	130.0	0	0	337.2
Stock Biology of Yukon River Chinook Salmon	High	Continuous	291.2	220.1	251.0	276.0	303.7	1350.0
Kotzebue Chum Salmon Stock Separation Studies	High	3 years	84.6	78.1	85.9	0	0	248.6
Test Fishing in the North Mouth of the Yukon River	High	Continuous	49.4	41.2	45.4	49.9	54.9	240.8
Assessment of Salmon Run Size in the Main Stem Yukon and Kuskokwim Rivers by Sonar	High	3 years	212.5	127.4	140.1	0	0	480.0
Horton Sound Salmon Escapement Studies	High	Continuous	70.9	57.1	62.8	69.1	76.0	335.9
Sonar Evaluation of Salmon in the Unalakleet River	High	Continuous	129.8	37.5	41.3	45.4	49.9	303.9
Biometric Analysis of Arctic-Yukon-Kuskokwim Fisheries Information	High	Continuous	224.4	148.9	163.8	180.2	198.2	915.5
Administrative Support for an Expanded A-Y-K Salmon Program	High	Continuous	709.9	252.9	278.2	306.0	336.6	1083.6
Arctic-Yukon-Kuskokwim Region Subsistence Salmon Surveys	High	Continuous	49.3	54.2	59.7	65.6	72.2	301.0
Upper Tanana Chinook Salmon Optimum Escapement Studies	Medium	5 years	169.0	84.6	93.0	102.4	112.6	561.6
Kobuk River Escapement Studies	Medium	Continuous	92.9	90.2	99.2	109.1	120.1	511.5
Lower Yukon River Juvenile Salmon Abundance Index	Medium	5 years	50.0	55.0	60.5	66.6	73.2	305.3
Eastern Horton Sound Fisheries Monitoring	Medium	Continuous	53.6	59.0	64.9	71.3	78.5	327.3
<u>Stebbins-St. Michael Salmon Study</u>	<u>Medium</u>	<u>3 years</u>	<u>35.1</u>	<u>32.0</u>	<u>35.2</u>	<u>0</u>	<u>0</u>	<u>102.3</u>
Kuskokwim Bay Salmon Tag and Recovery Study	Low	3 years	34.4	38.0	20.0	0	0	92.4
Yukon and Kuskokwim River Salmon Forecast Study	Low	5 years	89.2	82.2	90.4	99.5	109.4	470.7
Commercial Fishery Gear Selectivity Research	High	3 years	0	45.0	50.0	55.0	0	150.0
Sonar Enumeration of Salmon in the Upper Yukon River	Medium	4 years	0	110.0	50.0	55.0	60.0	275.0
Upper Tanana Coho and Chum Salmon Studies	Medium	3 years	0	34.5	30.0	41.7	0	114.2
Port Clarence Salmon Research	Medium	3 years	0	40.0	45.0	50.0	0	135.0
Yukon and Kuskokwim Smolt Studies	Low	4 years	0	150.0	100.0	110.0	121.0	481.0
False Pass Tagging Research	Low	3 years	0	0	150.0	165.0	121.5	436.5
TOTAL			2431.4	1965.9	2155.4	1917.0	1947.0	10,419.3

Origins of Chinook Salmon Intercepted by the Japanese Mothership Fishery

The Japanese Mothership drift gill net fishery operating in the Bering Sea and North Pacific Ocean continues to intercept significant numbers of chinook salmon despite regulations imposed on it. In fact, the 1980 harvest of 704,000 exceeded the combined Alaskan inshore and troll harvest. While one small study indicated that Alaskan stocks are intercepted by this fishery, no comprehensive study has been made. A more detailed understanding of the contribution of Alaskan chinook salmon to the past and present Mothership fishery will permit consideration of high seas interceptions to the inshore management of the resource and will be instrumental in assisting the United States delegation to the International North Pacific Fisheries Commission in requesting time and area closures to protect Alaskan stocks. Specific objectives of this proposal are to: update and summarize existing information on the origin of chinook salmon intercepted by the Japanese Mothership fishery; gather, compile and analyze basic biological data on chinook salmon collected by various agencies during the period 1966-1980; estimate the past and present interception of Alaskan chinook salmon to river of origin whenever possible. The expected cost of this project is \$337,200 over a three-year period and the research would be contracted to scientists presently engaged in similar research at the University of Washington.

Stock Biology of Yukon River Chinook Salmon

The chinook salmon resource of the Yukon River Basin is a vital segment of the region's economic base and is also heavily utilized by subsistence fishermen. The physical size of the river, multitude of component stocks and nature of the fishery make achievement of optimal sustained yield difficult. Knowledge of the biology of the component stocks would greatly enhance the Department's ability to maximize the harvest while achieving optimal escapements. This study addresses three key areas of research identified as critical to management. First, to continue a pilot study to identify the origin of component stocks (based on scale pattern recognition techniques) as they enter the fishery. Secondly, to determine the age composition and sex ratios of the resulting escapement. Thirdly, to expand the Department's aerial survey coverage of spawning streams. The first year cost of implementing this project is \$291,200 and will require 12 man months of permanent employee services and 46 man months of seasonal employee services.

Kotzebue Chum Salmon Stock Separation Studies

Chum salmon originating in the Kobuk and Noatak Rivers presently support the commercial chum salmon fishery in Kotzebue Sound and subsistence fisheries along these rivers. A major chum hatchery is proposed for the Noatak River. Management will be complicated by the addition of hatchery returns to the commercial fishery, and the absence of a terminal harvest area where discrete harvest and management for these hatchery stocks can occur. The proposed project would establish the timing and migration patterns of Kobuk and Noatak River wild stocks so that management strategies may be developed which conserve

wild chum stocks while fully utilizing surplus hatchery stocks. The project consists of tagging studies and scale pattern analysis, and would require 19 man months of seasonal time annually over a three year period. First year costs total \$84,600.

Test Fishing in the North Mouth of the Yukon River

Management of the lower Yukon River commercial salmon fishery is dependent upon the analysis of catch per unit of effort data to assess run strength. Test fishing projects are presently located in the south mouth (Kwikluak Pass) and in the middle mouth (Kawanak Pass) of the lower Yukon River. Significant numbers of salmon also enter the river via the north mouth (Apoon Pass) in some years. In years when this occurs, substantial underestimation of run strength may result in underharvesting of the run. Deployment of a test fishing project in the north mouth will permit more complete assessment of the spatial and temporal abundance of salmon entering the Yukon River. First year project costs total \$49,400 and the project continues indefinitely. Eight man months of seasonal technician time would be required annually.

Assessment of Salmon Run Size in the Mainstem Yukon and Kuskokwim Rivers by Sonar

The large silt-laden rivers of western Alaska present problems to effective salmon management because of the inability to visually enumerate escapement. The run strength of chinook, chum, and coho salmon is therefore currently assessed using a combination of test fishing indices and commercial catch statistics. Reliable indices of the total run of each species are possible only after the major segment of the return has passed through the fishery and entered the tributary streams to spawn. Implementation of a sonar enumeration project on the lower portions of the mainstem of these rivers would provide run strength data in the time frame required to assist in daily management decisions. Such a project would greatly enhance the Department's ability to maximize the harvest while insuring optimum escapement.

The 1978 Alaska State Legislature appropriated funds to develop adult salmon sonar enumeration capabilities for large rivers. The Department contracted with Bendix Corporation to develop a "fan scanning" sonar system. Two prototype transducer units and one control unit were received in 1980. The sonar unit scans the water column from the river bottom out to a maximum distance of 50 feet in a fan-shaped arc of 180 degrees. Preliminary testing of the new system occurred in 1980. This proposal requests additional operational funds for comprehensive testing of the fan scanning sonar system in the Kuskokwim River over a three year period.

A second segment of this project is to purchase, deploy and evaluate a shorebased, multiple transducer sonar unit in the lower Yukon river. This unit is different from the fan-scan system in that for a river as large as the Yukon, an estimate of the total escapement is possible. The fan-scan system will provide only indices of abundance on the Yukon. This project will cost \$212,500 the first year and requires an additional 11 man months of seasonal employee services.

Norton Sound Escapement Studies

The Department relies heavily upon aerial surveys to gather escapement information for the major salmon producing streams in Norton Sound. Two factors make this technique undesirable. First, pink and chum salmon enter the rivers simultaneously, and it is extremely difficult to distinguish between them from the air. This is complicated by the fact that chum salmon are the target species of the commercial fishery. Hence, errors in species identification may lead to over or underharvest of the resource. Secondly, inclement weather often precludes aerial surveys. These problems can be circumvented on two of the principle rivers in Norton Sound by deploying counting tower field stations. The two rivers are the North River (a tributary of the Unalakleet River), and the Nome River. This project will require \$70,900 the first year and 15 man months of seasonal technician services.

Sonar Enumeration of Salmon in the Unalakleet River

The Unalakleet District (Norton Sound) salmon fishery is based primarily upon harvest of Unalakleet River spawning stocks of chinook, chum, pink, and coho salmon. Present management strategy strives to achieve conservation of Unalakleet River salmon stocks while allowing fishing time commensurate with perceived run size. Salmon abundance estimates are presently derived from catch per unit effort data taken from the commercial fishery and from aerial escapement surveys made during and after the season. Both abundance estimation techniques suffer from lack of precision and lead to the possibility of substantial over or underharvest of Unalakleet River salmon stocks. Aerial surveys have been particularly difficult to accomplish with regularity due to turbid river conditions, inclement weather conditions which often prevail in the area, and the presence of numerous pink salmon, which reduces the precision of aerial estimates for other species present. The objectives of the proposed project are to provide reliable, real-time estimates of salmon escapement by species in the Unalakleet River through sonar technology. This project will result in an improved system of regulatory management which will contribute to optimum sustained production of Unalakleet River salmon stocks. Two new permanent/seasonal employees are required for the project and first year and continuing costs total \$129,800 and \$34,100 respectively.

Biometric Analysis of Arctic-Yukon-Kuskokwim Fisheries Information

The Alaska Department of Fish and Game has been collecting catch and effort statistics on the salmon fisheries of the AYK Region since statehood. While these data provide the basis for management in most of the region, their value is not being fully utilized. This problem stems from a lack of access to the data in useable form and lack of staff support to analyze and interpret the data base. The proposal addresses each of these needs. The data bases collected on the predominant species taken in each of the primary fisheries of the Yukon River, Kuskokwim River and Bay, Kotzebue Sound and Norton Sound will be coded into a machine

readable form and detailed analysis of the migratory timing will be conducted. This will greatly assist in the development of catch estimation procedures which will assist area managers in maximizing the harvest while insuring adequate escapements. The first year cost of this project is \$224,400 and would require 12 man months of permanent employee time and 32 man months of seasonal employee services.

Administrative Support for an Expanded Arctic-Yukon-Kuskokwim Salmon Program

This project is an element of the overall research and management program directed at substantially increasing the Alaska Department of Fish and Game's activities in the AYK Region to improve collection and dissemination of fishery information. The expanded program is composed of 22 major new projects with a first year cost of \$1,721,500 and a total cost of \$8,535,700 over the next five years. These projects call for the addition of five new permanent full-time employees and 251 man months of seasonal employee services. Addition of these new projects will significantly contribute to the administrative workload of the region. In order to meet this demand for supervisory, clerical, budgetary and personnel services the Department has identified a need for: a Regional Management Coordinator, an Assistant Regional Research Supervisor, an Administrative Assistant; and a clerk typist for the regional office in Anchorage. Six man months of clerk typist support for both the Fairbanks and Nome offices is also requested. The second element of this proposal is to provide warehousing, shop and bunkhouse space to support the ongoing and new projects out of the Fairbanks and Nome Area offices. First year cost is estimated at \$709,900 and subsequent continuation cost is estimated at \$229,900.

Arctic-Yukon-Kuskokwim Regional Subsistence Salmon Surveys

Annual surveys of the various subsistence salmon fisheries in the Arctic-Yukon-Kuskokwim region have been conducted since the early 1960's to collect and compile catch and effort data. This information has been of extreme importance in documenting yearly trends in harvest and fishing effort. Prior to 1979, these surveys were funded from the Division of Commercial Fisheries budget. In 1979 and 1980, funding was provided by the Subsistence Section. The Subsistence Section did not request funds to conduct these surveys in 1981 (FY 82) because of a change in program priorities. This project proposal requests first year funds in the amount of \$49,300 to reinstate this vital project. Thirteen man months of seasonal technician time will be required to implement this project.

Upper Tanana Chinook Salmon Optimum Escapement Studies

Within the Alaskan portion of the Yukon River drainage the Chena and Salcha Rivers of the upper Tanana are the primary producers of chinook salmon. The available data on the escapements to these systems is however limited to aerial survey estimates. This dearth of information makes proper estimation of optimum

escapement imprecise. Determination of optimum escapement for these rivers would greatly enhance evaluation of management practices and contribute significantly to realization of maximum sustained yield from this resource. The primary method by which optimum escapements will be estimated is by relating escapements and subsequent egg deposition to resulting smolt production. Enumeration of adults on the Chena and Salcha Rivers will be by visual observation. Observations on the Chena will be made as the fish migrate through existing flood control gates. A moderately sized weir will have to be erected on the Salcha River. Smolt production will be determined on both rivers with a fyke net enumeration effort. The first year cost of the project is \$169,000 and will require 24 man months of seasonal employee services.

Kobuk River Escapement Studies

The chum salmon fisheries of the Kotzebue District are based upon stocks which originate in the Noatak and Kobuk Rivers. Previously, but limited, tagging studies suggest that differences exist in run timing to these rivers. The current management strategy emphasizes commercial harvest of the more abundant Noatak run while attempting to reserve the Kobuk stocks for subsistence. Because no in-season estimates of the escapement to the Kobuk River are available, a very conservative approach must be taken to insure a Kobuk River harvest and escapement. The addition of in-season escapement enumeration would greatly enhance the Department's ability to maximize the commercial harvest while at the same time insuring escapement goals and subsistence harvests. The first year cost of this project is \$92,900, and will require an additional 12 man months of permanent employee time and 6 man months of seasonal employee time.

Lower Yukon River Juvenile Salmon Abundance Index

Formal forecasts of the annual run of chinook and chum salmon to the Yukon River are not presently made because of a lack of certain kinds of data. A key element in many salmon forecast models is an estimate of the freshwater survival of the juveniles. This proposal addresses the need to provide information on the freshwater production of lower Yukon River chum and chinook salmon. The objective of this project is to develop indices of juvenile salmon abundance at three key tributary streams in the lower Yukon River drainage, and to develop a model capable of forecasting adult returns based on these and other indices. By constructing relationships of fry production to brood year escapement, the staff will also be able to better estimate optimum escapement levels. This project would greatly assist the processing industry in pre-season logistic and financial planning, and help reduce the risk of either over or underharvesting of the run. First year project costs are \$50,000 and will require 6 man months of seasonal employee time.

Eastern Norton Sound Fisheries Monitoring

Management responsibility for Norton Sound, Kotzebue and Port Clarence is vested in a single area management biologist stationed in Nome. The salmon fisheries in eastern Norton Sound have grown substantially during the past six years. Because of a lack of personnel and the immense size of these areas, only minimal monitoring of these expanding fisheries has been possible. This proposal addresses the need perceived by both the public and the Department to upgrade management activities in eastern Norton Sound. This proposal would provide the funds to establish a new assistant area management biologist position for eastern Norton Sound. This position would compile and analyze data required to effectively manage this expanding fishery. Implementation of this project would cost \$53,600 the first year most of which would be used to support 12 man months of permanent employee services.

Kuskokwim Bay Salmon Tag and Recovery Study

Fishermen in the Goodnews Bay district of the Kuskokwim River management area have petitioned the Board of Fisheries and the Department of Fish and Game to expand the legal fishing district to include waters outside of the Goodnews Bay entrance. This request was made because much of the area currently open to fishing becomes exposed mudflats during the daily tidal cycle. This severely limits the number of adequate fishing sties. The Board of Fisheries had not permitted an expansion of the boundaries because of the possibility that salmon bound for the other areas may be intercepted. The Department of Fish and Game has no information on the origins of salmon which may be intercepted if the boundaries were expanded. In order to determine if boundary expansion would result in significant interceptions, we would propose to conduct a tag and recovery program in the proposed expanded boundary area. The first year cost is \$34,400 and the project requires 9 man months of seasonal employee time.

Yukon and Kuskokwim River Salmon Forecast Study

Forecasts of the annual runs of salmon returning to the Yukon and Kuskokwim Rivers are not currently being made. The Department is rapidly upgrading management and research activities on these river systems and will soon have large data bases from which forecasts can be made. In addition, a substantial amount of information which could be used to make forecasts is available in various Departmental publications. This proposal will provide funding for a staff biologist to: (1) organize the existing data bases and construct computer data files, (2) examine existing data for utility in forecasting and identify critical information gaps, and (3) plan methods by which needed information can be acquired to improve the forecast. The first year cost of this project is \$69,200 and would include 12 man months of permanent employee services and 8 man months of seasonal employee time.

Stebbins-St. Michael Salmon Study

In recent years local residents have expressed interest in developing a commercial salmon fishery adjacent to the villages of Stebbins and St. Michael in southern Norton Sound. The Board of Fisheries has rejected these proposals because it is presumed that local streams do not support stocks of sufficient size to support a commercial fishery and that this fishery would intercept stocks bound for other river systems where they are fully utilized. The proposed research would determine: (1) the abundance and species composition of salmon in the streams which drain southern Norton Sound; (2) the timing and origin of salmon migrating through the nearshore waters adjacent to Stebbins and St. Michael; and (3) the feasibility of establishing a commercial fishery in this area. The research requires four new seasonal positions, would take three years to complete and consists of a tagging study, a survey of local spawning streams, and collection of data from the existing subsistence fishery. First year costs of the three-year project totals \$35,100.

Commercial Fishery Gear Selectivity Study

Mesh size restrictions for Alaskan commercial fisheries have been employed extensively by the Board of Fisheries. The rationale for these various restrictions has been quite complex and has been based upon local area fishery concerns, either biological or socioeconomic in nature. Mesh size in gill nets primarily affects the size of fish captured, regardless of species. Because the age at sexual maturity for males and females varies both between and within chinook, chum, sockeye and coho salmon populations, the actual sex ratio and age class composition of escapements can be significantly affected by the mesh size regulations pertaining to any gill net fishery that the populations pass through. Likewise, any regulation that affects the composition of the effective breeding population of any species may cause long-term changes in the genetic composition of that population and certainly has the potential to alter the long-term yield derived from exploited stocks. However, the Board of Fisheries has not been provided with a comprehensive study of the biological and economic consequences of various mesh size restrictions that might be employed in Alaskan fisheries. In order to provide such a planning document for the Board of Fisheries the Department proposes to gather, compile and analyze new and existing information on this subject over the course of three years. First year cost is estimated at \$45,000.

Sonar Enumeration of Salmon in the Upper Yukon River

Limited aerial survey data suggests that significant spawning populations of Yukon River chinook and chum salmon are located in the Yukon Territory, Canada. Accurate information on the timing and magnitude of the escapement of these stocks would provide fishery managers a valuable tool in regulating the harvest so as to achieve maximum sustained yield. In addition, recent and planned expansion of the commercial fishery at Dawson, Y.T., Canada requires that the

Department have precise estimates of the contribution of Canadian stocks to the fisheries of the Yukon River. Such information would be of significant value in formulating an Alaskan position during U.S.-Canadian fishery interception negotiations. Estimation of the escapement of salmon into Canada would be made by deploying a specially designed sonar enumeration system near the U.S.-Canadian border at Eagle. The first year cost of this project is estimated at \$110,000.

Upper Tanana Coho and Chum Salmon Studies

The upper Tanana River and its tributaries produce significant numbers of chum and coho salmon which contribute to commercial, subsistence and sport fisheries in the region. This study is directed at gathering basic biological information on these chum and coho stocks. Distribution, abundance, and age composition information of the contributing stocks coupled with assessment of egg density and survival would provide valuable information to fishery managers in making regulatory decisions and in assessing subsequent affects of those decisions. The anticipated first year cost of this three year project is \$34,500.

Port Clarence Salmon Research

In the Port Clarence management district pink, chum and sockeye salmon stocks are heavily utilized by subsistence fisheries. The sockeye salmon run to Salmon Lake appears to be depressed while pink and chum salmon runs in the same vicinity are healthy. Insufficient data is currently available to implement a stock specific management program which will protect the sockeye salmon resource while permitting harvest of the pink and chum salmon runs. The Department proposes to collect and analyze the data required to develop more stock specific management for this area. Specifically, the Department will collect information on the temporal and spatial pattern and magnitude of the subsistence catches, and escapements of these stocks. The first year cost of this project is estimated at \$40,000.

Yukon and Kuskokwim Smolt Studies

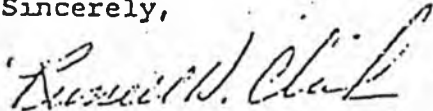
Enumeration of emigrating salmon smolt is used by the Department to forecast future years' returns and as an aid in evaluating optimum escapements in several rivers of the State. Implementation of similar efforts in both the Yukon and Kuskokwim rivers may be useful to accomplish similar objectives for the chinook, coho and chum salmon resources of these rivers. Unfortunately, application of existing technology which was designed for much smaller rivers is not readily applicable to the main stems of the Yukon and Kuskokwim rivers. Because of this problem, the Department would have to either research and develop new methods for enumerating the smolt migrations in the main stems or deploy numerous enumeration sites along key tributary rivers. A careful cost and feasibility study would have to precede any large scale field studies. The Department estimates that first year costs for such a study would be \$150,000.

False Pass Tagging Research

Tagging studies conducted in the vicinity of False Pass show that many chinook, chum, coho, sockeye and pink salmon bound for rivers of Western Alaska pass through this area on their spawning migration. A more complete knowledge of the run timing and migration patterns of the various stocks passing through that area may be useful in formulating improved stock specific management strategies. This project would be accomplished by charter of a large purse seine vessel to capture salmon for tagging in the False Pass Area. Each salmon captured would be tagged and recovery would primarily rely upon returns by commercial fisherman in the Bristol Bay, Kuskokwim, Yukon, Norton Sound and Kotzebue areas. The first year cost of the project is estimated at \$150,000.

I hope this information is useful to you and should you require any further assistance please don't hesitate to contact me. Thank you again for your interest in our program.

Sincerely,



RS Ronald O. Skoog
Commissioner
465-4100

Attachments

cc: Senator George Hohman
Senator John Sackett
Doug Pope
Ron Lehr
Steve Pennoyer
Ron Regnart

HCR

37

COMMITTEE REPORT

HOUSE

6/3/81

FURTHER:

(11)

Date: 6/4/81

Mr. Speaker:

The Committee on REQUIREMENTS has had HCR 37

Endorsing stipulations proposed as requirements for construction and operation of the Alaska Highway gas pipeline.

under consideration and reports it back as follows:

- do pass do not pass
- do pass with attached amendments(s)
- replace with CS for HCR 37 same title
 new title
- and recommends _____
- AND attaches a "Letter of Intent" New Fiscal Note
- reports it back without recommendation
- referred to the _____ Committee

MEMBERS SIGNING
DO PASS

MEMBERS HAVING
OTHER RECOMMENDATIONS:

CHAIRMAN

between
Alaskan Northwest Natural Gas
and
The state of Alaska
April 1978

REG
JUN 13 1978
State of Alaska
Office of

As a result of the discussions between the Governor and representatives of Alaskan Northwest Natural Gas Transportation Company (the "Partnership"), the following understandings were reached pursuant to the certificate of public convenience and necessity issued by FERC.

1. The Partnership reaffirms its support before Congress, and agrees to support before FERC, gas pricing that (a) "adds on" conditioning costs, (b) defines "old-gas" as only that from the Prudhoe Bay pool, (c) allows rolled-in pricing for Prudhoe Bay gas, and (d) sets a minimum \$1.45 mcf price (escalated) for Prudhoe Bay "old" gas.
2. The Partnership will actively support the State's efforts to develop economically viable in-state industry based upon Prudhoe Bay natural gas and associated "liquid" fractions by all means reasonably available.
3. The Partnership will cooperate with the State to obtain a satisfactory tariff for the intrastate transportation of the State's royalty gas, and will file and support a volumetric tariff for this transportation.
4. The Partnership reaffirms its support for the State's right to withdraw its royalty gas (including gas liquids) as provided in Sec. 13(b) of the Alaska Natural Gas Transportation Act, and will support that right in any federal proceedings.
5. The Partnership agrees to provide pipeline taps where mutually agreed to provide access to the gas system as desired by the State and local communities as approved by the FERC.
6. The Partnership will pay the State's reasonable expenses to be incurred for financial and related analyses made to evaluate and/or implement the State's plan to participate in financing the project.
7. The Partnership agrees that Alaskan businesses, professional, social, ethnic and governmental organizations will to the maximum extent possible be given first preference for all substantial contracts made, supplies

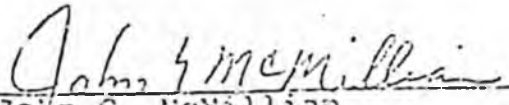
Office of the Pipeline Coordinator
1001 Noble Street, Suite 430
Anchorage, Alaska 99701

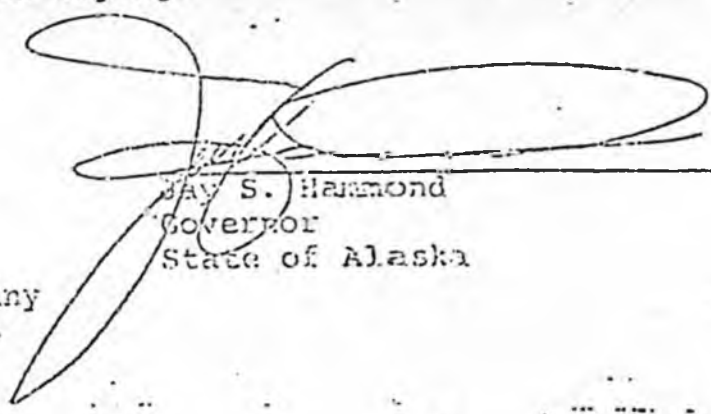
purchased and similar commercial activities the company requires. The company will provide sufficient notice time to Alaskan businesses of the company's needs, so that Alaskans may prepare and compete with non-Alaskan firms if they so desire, where such services are equivalent or comparable.

8. The Partnership reaffirms its dedication to comply fully with and actively pursue the State's local hire policy, and in so doing will ensure that all Alaskans have an opportunity to be hired for pipeline construction jobs, and that local community residents will be given first preference for the permanent pipeline operation and maintenance jobs by:
 - a. seeing that qualified Alaskan residents are hired and retained on a priority basis;
 - b. establishing or causing to be established training programs which will allow qualified Alaskans to update, upgrade and develop skills. This will include on-the-job training, institutional training, as well as cooperative arrangements with local union apprenticeship programs. CETA training efforts will not be duplicated;
 - c. using best efforts to commit all contractors to active development and participation with the State in a gasline manpower delivery system for coordinated statewide training, recruitment and referral, and;
 - d. cooperating with the State to develop and implement a nationwide public relations program to discourage workers from migrating to Alaska in search of employment where an adequate labor supply is available to meet pipeline employment needs.

9. The Partnership will cooperate with local municipalities and organizations to minimize the adverse socio-economic impacts of construction and operation of the pipeline by identifying expected changes in communities and preparing with communities along the gasline route, a plan for avoiding or minimizing adverse community changes which can be expected to be caused by the construction, operation and maintenance of the gasline. This plan will be concerned with at least the following elements of the social environment: housing, communications, transportation, physical and mental health, social service, public safety, recreation facilities, education, and availability of market services and goods.

10. The Partnership agrees to design a compressor station nearest Delta as far as practical to make waste heat available for grain drying.


John C. McMillian
Chairman
Alaskan Northwest Natural
Gas Transportation Company


Jay S. Hammond
Governor
State of Alaska

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STATE OF ALASKA
SOCIOECONOMIC STIPULATIONS
ALASKA NATURAL GAS TRANSPORTATION SYSTEM

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DRAFT: MARCH 13, 1981

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4.0 DEFINITIONS

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As used in this article of these Stipulations in this "Right-of-Way Lease for the Alaska Natural Gas Transportation System-Alaska Leg," the following terms have the following meanings:

- 4.0.1 "ADMINISTRATIVE EMPLOYEE" means an employee
- (A) whose primary duty consists of work directly related to management policies or supervising the general business operations of his employer;
 - (B) who customarily and regularly exercises discretion and independent judgment;
 - (C) who performs his work under only general supervision;
 - (D) who is paid on a salary or fee basis;
 - (E) who regularly and directly assists a proprietor or an exempt executive employee of the employer; and
 - (F) who performs work along specialized or technical lines requiring special training, experience or knowledge and does not devote more than 20 percent of his weekly hours to activities which are not described in the definitions of EXECUTIVE EMPLOYEE OR PROFESSIONAL EMPLOYEE.

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4.0.2 "ALASKA NATURAL GAS TRANSPORTATION SYSTEM" means the total System described in the President's Decision and Report to Congress.

4.0.3 "ALASKA-OWNED BUSINESS" means a business over 50 percent of which is owned by a person or persons who are Alaskan residents, and whose principal place of business is located in Alaska.

4.0.4 "ANGTS" means the ALASKA NATURAL GAS TRANSPORTATION SYSTEM.

4.0.5 "CHRONICALLY UNEMPLOYED RESIDENT" means either:

- (A) a resident who has been unemployed for a minimum of 8 months, cumulatively, of the 12 months immediately preceding the time of application for determination of status, so long as the individual's income for the 12-month period does not exceed \$25,000; or
- (B) a resident who has exhausted benefits available under the Alaska Employment Security Act, A.S. 23.20, within the 12 months immediately preceding the time at which he makes the application for certification and is currently not eligible for unemployment benefits.

4.0.6 "CORRIDOR COMMUNITY" means one of the following communities: Northway, Tetlin, Tetlin Junction, Tok, Tanacross,

Dot Lake, Eagle, Healy Lake, Dry Creek, Delta Junction, Delta, Salcha, North Pole, Fairbanks, Minto, Manley, Livengood, Rampart, Stevens Village, Alatna, Allakaket, Evansville-Bettles, Wiseman, Anaktuvak, Nuiqsuit, Kaktovik, and Barrow.

4.0.7 "CORRIDOR COMMUNITIES" means more than one CORRIDOR COMMUNITY.

4.0.8 "DELTA CLEARWATER REGION" means the area bounded by the Fairbanks North Star Borough to the north, points 50 miles south of the Alaska Highway to the south, Delta River to the west, and the Gerstle River to the east.

4.0.9 "ECONOMICALLY DISADVANTAGED RESIDENT" means a resident whose total household income for the 12 months immediately preceding the time of application for determination of status falls below 70 percent of the minimum set by the United States Bureau of Labor statistics "lower living standard income level" as adjusted for Alaska.

4.0.10 "EMPLOYMENT TARGET GROUP" means one of the groups, as determined by the STATE or an agency or agencies designated by the STATE, which groups consist of CHRONICALLY UNEMPLOYED RESIDENTS, ECONOMICALLY DISADVANTAGED RESIDENTS, and TRAINING QUALIFIED RESIDENTS.

4.0.11 "EMPLOYMENT TARGET GROUPS" means more than one EMPLOYMENT TARGET GROUP.

4.0.12 "EXECUTIVE EMPLOYEE" means an employee

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- (A) whose primary duty consists of the management of the enterprise in which he is employed or of a customarily recognized branch, department, or subdivision of the enterprise;
- (B) who customarily and regularly directs the work of two or more other employees;
- (C) who has the authority to hire or fire or effect any other change of status of other employees or whose suggestions or recommendations regarding these kinds of changes are given particular weight;
- (D) who customarily and regularly exercises discretionary authority;
- (E) who does not devote more than 20 percent of his weekly hours to activities which are not directly and closely related to the work described in the definitions of ADMINISTRATIVE EMPLOYEE OR PROFESSIONAL EMPLOYEE; and
- (F) who is compensated on a salary basis.

4.0.13 "FAIRBANKS-NORTH STAR REGION" means the area governed by the municipality recognized by the STATE as the Fairbanks-North Star Borough.

4.0.14 "IMPACT INFORMATION CENTER" means that place established through the joint efforts of the PIPELINE COORDINATOR, the Federal Inspector, and LESSEE as a place for collecting information in the local areas, for disseminating

information regarding the PROJECT, and for containing resource information relating to the PROJECT.

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4.0.15 "IMPACT INFORMATION CENTERS" means more than one IMPACT INFORMATION CENTER.

4.0.16 "IMPACT INFORMATION CENTER ADVISORY BOARD" means the group of citizens designated to advise each IMPACT INFORMATION CENTER and to communicate with the SOCIOECONOMIC ADVISORY COUNCIL.

4.0.17 "LESSEE" means Alaska Northwest Natural Gas Transportation Company, its successors and assigns.

4.0.18 "MAJOR MILESTONES" means those points in PROJECT development which require a major permit from either the STATE or federal government and those events identified in LESSEE's application to the Federal Energy Regulatory Commission for a Final Certificate of Public Convenience and Necessity as "major milestones."

4.0.19 "NORTH SLOPE REGION" means the area governed by the municipality recognized by the STATE as the North Slope Borough.

4.0.20 "ONE-WINDOW" means the process established through Administrative Order No. _____, by which the Office of the STATE PIPELINE COORDINATOR has been established as the single point of contact with the STATE for matters relating to ANGTS.

4.0.21 "OPEN TO THE PUBLIC" means that the reasonable public notice shall be given and that the public shall be allowed to attend. This does not prohibit the use of executive session to discuss the following excepted subjects:

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- (A) matters, the immediate knowledge of which would clearly have an adverse effect upon the finances of the LESSEE or the STATE;
- (B) subjects that tend to prejudice the reputation and character of any person, provided the person may request a public discussion;
- (C) matters which by law, municipal charter, or ordinance are required to be confidential.

4.0.22 "PIPELINE COORDINATOR" means the authorized representative of the Commissioner of Natural Resources delegated the authority and responsibility of administering a portion or all of the provisions of this lease. In the event the Commissioner has not delegated authority or responsibility, the Commissioner shall act as the PIPELINE COORDINATOR.

4.0.23 "PIPELINE CORRIDOR" means the totality of the five corridor regions--the NORTH SLOPE REGION, the FAIRBANKS-NORTH STAR REGION, the TANANA YUKON/NORTH REGION, the DELTA-CLEARWATER REGION, and the UPPER TANANA REGION.

4.0.24 "PROFESSIONAL EMPLOYEE" means an employee, except for the classifications of registered nurse and licensed practical nurse,

(A) whose primary duty is

(i) to perform work requiring knowledge of an advanced type in a field of science or learning customarily acquired by a prolonged course of specialized intellectual instruction and study, as distinguished from a general academic education or from an apprenticeship or from training in the performance of routine mental, manual, or physical processes, or

(ii) to perform work that is original and creative in character in a recognized field of artistic endeavor (as opposed to work which can be produced by a person with general manual or intellectual ability and training), and the result of which depends primarily on the invention, imagination, or talent of the employee, or

(iii) to teach, tutor, instruct, or lecture in the activity of imparting knowledge, and who is employed and engaged in this activity as a teacher certified or recognized as such in a school or other educational establishment or institution; and

(B) whose work

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(i) requires the consistent exercise of discretion and judgment in its performance,

(ii) is predominately intellectual and varied in character (as opposed to routine mental, manual, mechanical, or physical work) and is of such character that the output produced or the result accomplished cannot be standardized on a time basis, and

(iii) is compensated on a salary of fee basis.

4.0.25 "PROJECT" means the Alaska Leg of the ALASKA NATURAL GAS TRANSPORTATION SYSTEM.

4.0.26 "QUALIFIED" means able, by education, training and experience or combinations of them, to perform the duties and satisfy the terms and conditions which are usual in the offered employment, provided that the duties, terms and conditions meet the reasonable standards of the industry as required of other employees performing the same type of work in the industry.

4.0.27 "RESIDENT" means a person who

(A) except for brief intervals, military service,

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attendance at an educational or training institution, or for absences for good cause, is physically present in the STATE for a period of at least 30 days immediately before the time his status is determined;

- (B) maintains a place of residence in the STATE;
- (C) has established residency for voting purposes in the STATE;
- (D) has not, within the period of required residency, claimed residency in another state; and
- (E) shows by all attending circumstances that his intent is to make Alaska his permanent residence.

4.0.28 "STATE" means the State of Alaska.

4.0.29 "SUBSISTENCE USES" means the customary and traditional uses in Alaska of wild, renewable resources for direct personal or family consumption as food, shelter, fuel, clothing, tools, or transportation, for the making and selling of handicraft articles out of nonedible by-products of fish and wildlife resources taken for personal or family consumption, and for the customary trade, barter or sharing for personal or family consumption; for the purposes of this paragraph, "family" means all persons related by blood, marriage, or adoption, and any person living within the household on a permanent basis.

4.0.30 "SOCIOECONOMIC ADVISORY COUNCIL" means the group of citizens designated to advise the PIPELINE COORDINATOR on socioeconomic matters relating to the PROJECT.

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4.0.31 "TANANA-YUKON/NORTH REGION" means the area bounded by the North Slope Borough to the north, 154° longitude on the west, and 148° longitude on the east, and the Tanana River to the south, excluding all of the Fairbanks North Star Borough.

4.0.32 "TRAINING-QUALIFIED RESIDENT" means a RESIDENT who, within the 12 months immediately preceding the time of application for determination of status, has successfully completed a program of job training, including on-the-job training or skills upgrade, designed to qualify the RESIDENT for employment on the project to be carried out on lands which are the subject of this lease.

4.0.33 "UPPER TANANA REGION" means the area bounded on the east by the Canadian border, the north by the Fairbanks Base Line, the west by the Gerstle River and a line north to the Fairbanks North Star Borough from the point the Gerstle River flows into the Tanana River, and to the south by points 50 miles south of the Alaska Highway.

4.0.34 "WORKING GROUP" means one of the groups established through the joint efforts of the STATE and LESSEE to

establish the 4.2 Program Plans.

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4.0.35 "WORKING GROUPS" means more than one WORKING GROUP.

4.1 GENERAL

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4.1.1 APPLICABILITY OF TERMS AND CONDITIONS LESSEE

shall comply with the conditions set forth in these stipulations and shall, when entering into any contract with a contractor for construction, operation, and/or maintenance of the pipeline, require as a condition of such a contract compliance with these conditions and any program plans, program goals, standards, mitigative measures, agreements and understandings arising from these stipulations as may relate to said contract.

4.1.1.1 LESSEE shall be liable for any breach of these terms and conditions by a contractor or subcontractor as if the breach were committed by the LESSEE.

4.1.2 STANDARDS FOR PUBLIC HEARINGS LESSEE shall cooperate with the local, State and Federal Governments in the development of standards for public hearings and public notice in connection with MAJOR MILESTONES for the pipeline project.

4.1.3 APPLICABILITY OF THE "ONE-WINDOW" PROCESS The LESSEE shall observe the "ONE-WINDOW" process requiring that all matters directly relating to STATE agency responsibilities be directed through the STATE PIPELINE COORDINATOR and all other actions between the LESSEE, local governments, agencies,

and interest groups within the STATE will be documented to the STATE PIPELINE COORDINATOR.

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4.1.4 NATIONAL PUBLIC INFORMATION CAMPAIGN The LESSEE shall cooperate with the STATE Department of Labor in developing and implementing a nationwide public information program to discourage the migration of individuals to Alaska in search of employment where an adequate labor force exists to meet project needs. The LESSEE shall make such a campaign a component of its standard public information activities and shall participate in the funding of the campaign.

4.1.5 TRAINING The LESSEE shall fund training programs required to meet Alaska Labor goal and standards developed pursuant to Subsection 4.2.4.1 of these stipulations, and may utilize existing programs, where appropriate, when coordinating these efforts.

4.1.6 LOCAL HIRE LESSEE will comply with all applicable Alaska statutes and regulations in effect at the time this permit becomes effective, as well as all amendments to them and subsequent enactments, providing for preferential hiring of Alaska RESIDENTS and non-discrimination against them.

4.1.6.1 To the extent not superceded by or inconsistent with subsequently enacted legislation or regulations, LESSEE will assure that work done by or for it on lands which are the

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subject of this lease shall, to the extent they are available, willing and QUALIFIED, be performed by Alaska RESIDENTS who, at the time of their application for initial employment by the LESSEE, its contractors or subcontractors, fall within one or more of the following EMPLOYMENT TARGET GROUPS, as determined by the STATE or an agency or agencies designated by the STATE: "CHRONICALLY UNEMPLOYED RESIDENT"; "ECONOMICALLY DISADVANTAGED RESIDENT"; and "TRAINING-QUALIFIED RESIDENT".

4.1.6.2 Neither the LESSEE, nor its contractors and subcontractors, shall hire non-residents when Alaska RESIDENTS falling within one or more of the EMPLOYMENT TARGET GROUPS are known to be available, willing, and QUALIFIED for employment.

4.1.6.3 The requirements of Section 4.1.6 do not apply to bona fide ADMINISTRATIVE, EXECUTIVE OR PROFESSIONAL EMPLOYEES of the LESSEE or its contractors or subcontractors.

4.1.6.4 In implementing the Local Hire requirements, LESSEE shall assure that it and its contractors and subcontractors include in all collective bargaining agreements with labor unions covering work to be performed on lands encompassed by this lease, provisions that will assure employment preference to Alaska RESIDENTS falling within any EMPLOYMENT TARGET GROUP.

4.1.6.5 The LESSEE shall assure that neither it nor

its contractors or subcontractors engage in discriminatory practices against Alaska RESIDENTS falling within any EMPLOYMENT TARGET GROUP who are employed or seeking employment by the LESSEE or its contractors or subcontractors. Prohibited discriminatory practices include, but are not necessarily limited to: (1) rejection of a RESIDENT referred to an employer by a collective bargaining agent in favor of a non-resident; (2) rejection of a RESIDENT in favor of a non-resident of similar qualifications in employment not covered by a collective bargaining agreement; (3) termination of a RESIDENT in favor of a non-resident of similar qualifications; and (4) differentiation in payment of wages, salaries, fringe benefits, and working conditions between a RESIDENT and non-resident.

4.1.7 SUBSISTENCE To the maximum extent possible, LESSEE shall not damage any fish, wildlife, or biotic resources or the habitat thereof, in the STATE, upon which persons may rely for subsistence purposes.

4.1.8 IMPACT INFORMATION CENTERS The LESSEE shall fund the establishment and operation of IMPACT INFORMATION CENTERS (IIC) to be established to serve these regions: the NORTH SLOPE REGION; the TANANA-YUKON/NORTH REGION; the FAIRBANKS NORTH-STAR REGION; DELTA-CLEARWATER REGION; and the UPPER TANANA REGION. Where such Centers have been established by local governments, LESSEE shall fund expanded operations related to the PROJECT. Such funding shall continue until

the commissioning of the pipeline.

4.1.8.1 Plans of Operation Plans of operation for each IMPACT INFORMATION CENTER shall be developed in a cooperative and consultative manner by the LESSEE, STATE, and area representatives, including members of the area IIC ADVISORY BOARDS. These plans of operation shall be completed prior to establishing the physical center or engaging center staff.

4.1.8.2 Impact Information Center Advisory Boards LESSEE shall provide funding for IIC ADVISORY BOARDS established for each IMPACT INFORMATION CENTER.

4.1.9 CITIZENS ADVISORY COUNCIL A STATE Citizen's SOCIOECONOMIC ADVISORY COUNCIL hereinafter referred to as "The Council", shall be established to advise the PIPELINE COORDINATOR with respect to actions that may be required to lessen or mitigate the adverse affects of LESSEE'S PROJECT upon, and maximizing the opportunities of the PROJECT for, the citizens of the STATE. The LESSEE shall fund the establishment and operation of this Council.

4.1.9.1 The LESSEES shall appoint a representative to be present during meetings of the Council. The LESSEE representative shall make regular reports to the Council concerning, among other matters, the LESSEE'S current and projected activities as might have SOCIOECONOMIC consequences.

4.1.10 REIMBURSEMENT OF HIGHWAY DAMAGES The LESSEE shall negotiate an agreement with the STATE Department of Transportation and Public Facilities to reimburse the STATE for highway maintenance and repair which is reasonably related to construction activities. Said agreement will be negotiated and signed prior to the commencement of construction activities.

4.1.11 TEMPORARY CAMPS SOUTH OF FAIRBANKS The LESSEE shall establish only temporary camps south of Fairbanks to support the construction of project facilities, compressor stations and other appurtenances. Permanent camps for housing workers shall not be established for the maintenance and operation of the pipeline system south of Fairbanks.

4.1.12 OPERATIONS AND MAINTENANCE PERSONNEL FOR ANGTS-ALASKA, INCLUDING CONDITIONING PLANT The LESSEE shall ensure that personnel for the operation and maintenance of the pipeline system and the Gas Conditioning Facility shall be supplied out of localities in proximity to the pipeline system.

4.1.13 CONSTRUCTION, OPERATION, AND ADMINISTRATIVE CENTER FOR ANGTS-ALASKA The LESSEE shall maintain an agent for the construction, operation, maintenance, and termination of the pipeline at all times during the term of this lease. Such an agent shall be a citizen of the United States or, if a corporation, shall be duly authorized to conduct business

in Alaska. LESSEE shall cause such agent to maintain in the City of Fairbanks, Alaska, at all times during this lease, an office for the delivery of all documents, orders, notices, and other communications as well as for the conduct of all Alaska Operations related to the construction operation, maintenance and termination of the pipeline PROJECT.

4.1.14 REIMBURSEMENT TO THE STATE The LESSEE shall reimburse the STATE for all reasonable costs incurred in monitoring the construction of the pipeline and in enforcing this lease. Further, the LESSEE shall reimburse the STATE for all reasonable costs for services rendered as a direct result of PROJECT activities and for services rendered to PROJECT employees and their families.

4.2 PROGRAM PLANS

The LESSEE shall submit to the PIPELINE COORDINATOR within one hundred and eight (180) days of the acceptance of this lease, program plans demonstrating the LESSEE's commitment to lessening or mitigating the adverse effects of the PROJECT upon and to maximizing the opportunities of the PROJECT for, the citizens of the STATE. These program plans shall be developed in a consultative manner through WORKING GROUPS. The PIPELINE COORDINATOR must approve all plans prior to implementation. The LESSEE shall not impede nor interfere with activities that are normally performed by the STATE or its political divisions.

4.2.1 PROGRAM PLANNING PROCESS The program plans shall be developed in a cooperative manner with the STATE, its political subdivisions, and the affected communities. The planning process shall consist of three phases, the Design Phase, the Development Phase, and the Plan Approval Phase.

4.2.1.1 Design Phase The design phase shall establish design criteria for each 4.2 program plan identifying any applicable parameters of study and program activity, the maximum and minimum values for such parameters, where quantifiable, and the boundary conditions for each set of design criteria. The product of the Design Phase will be a plan design for each 4.2 program plan. Approval by the PIPELINE COORDINATOR of each plan design shall occur prior to initiation of the development phase for that particular program plan. The Plan Design shall contain sufficient detail to allow the PIPELINE COORDINATOR to determine that socioeconomic issues are a component of overall project planning. The plan design shall include:

- (A) Planning objectives, goals, and design criteria developed
- (B) Identification of the Communities/Groups affected
- (C) Identification of WORKING GROUP(S) involved in plan development, including STATE, Federal, LESSEE representatives, consultants, and others
- (D) Data collection activities

- (E) Agency and LESSEE interface with the public during plan development phase
- (F) Submittal and approval activities during plan development phase
- (G) Schedule control techniques
- (H) Relationship of Study and Program activities to
MAJOR MILESTONES
- (I) Other pertinent data
- (J) Summary Network Analysis Diagrams demonstrating the relationship among planning design objectives, goals, program standards and related activities, and all PROJECT labor, contracting, and procurement procedures as well as construction related activities and contingencies that may reasonably be anticipated in connection with the PROJECT.

4.2.1.2 Development Phase In the Development Phase there shall be development of planning scopes and plan outlines; the execution of contracts, agreements and understandings with public agencies and others as needed for plan development; establishment of final program goals and performance criteria for each program, including all applicable parameters, values, standards, and conditions affecting program performance during all phases of PROJECT activity; and the initiation of scheduled studies, including baseline data gathering and analyses as in the summary analysis.

4.2.1.2.1 The product of the Development Phase shall be

program plan outlines; program goals, standards, and criteria; and an interim report detailing progress on activities scheduled in the summary analysis. Submittal to and approval by the PIPELINE COORDINATOR of each Development Phase product shall precede activities in the Plan Approval Phase for that particular program plan.

4.2.1.3 Plan Approval Phase In the Plan Approval Phase a draft plan shall be completed for review by the PIPELINE COORDINATOR which shall contain all LESSEE recommendations to meet the plan requirements and shall detail program goals, objectives, policies and procedures, standards and criteria, mitigative and augmentative measures, schedules, assurances, agreements, and understandings to implement those recommendations. Each draft plan shall provide all details required in the specific program plan description and be in conformity with the respective approved summary analysis.

4.2.2 WORKING GROUPS Program planning design, development and approval shall involve WORKING GROUPS consisting of federal, STATE, public, and LESSEE representatives. All WORKING GROUP participants shall be designated by appropriate authorities within the federal, STATE, and LESSEE organizations.

4.2.2.1 The WORKING GROUPS shall initially consist of representatives of the STATE, designated by the PIPELINE COORDINATOR in accordance with the ONE-WINDOW process, and representatives of the LESSEE. Space in all WORKING GROUPS

shall be reserved for federal representatives, who may be designated by the Federal Inspector.

4.2.2.1.1 Public Representation To ensure that local perspective and expertise will be available to each WORKING GROUP, it shall be the responsibility of each WORKING GROUP to provide, as soon as possible, for representation in the WORKING GROUP by community and municipal officials, and where appropriate, representatives of state advisory boards and councils, specialized organizations such as health and medical planning groups, health systems agencies (HSA), other social services organizations, business and professional planning organizations, alcohol and drug abuse prevention organizations, etc. and regional emergency medical services councils, senior citizen organizations, youth advocacy organizations, Native and minority organizations, and labor organizations.

4.2.2.2 Working Agreements Each WORKING GROUP shall develop a working agreement that shall include, but not be limited to: composition of the WORKING GROUP during all phases of planning activity; responsibilities of each WORKING GROUP participant, provision of staff assistance to the group, public review of group deliberations, the use of proprietary and confidential information by the WORKING GROUPS as necessary, and any other provisions necessary to the efficient and effective operation of these groups.

4.2.2.3 Transmittal of Supplemental Information All working papers, data, and reports generated in connection with

WORKING GROUP deliberations shall be transmitted as supplemental information to the PIPELINE COORDINATOR with other required transmittals at the conclusion of each planning process phase.

4.2.2.4 Open Meetings All WORKING GROUP meetings shall be OPEN TO THE PUBLIC.

4.2.2.5 Costs associated with the performance of the WORKING GROUPS, including the expenses incurred by STATE and federal representatives, community and municipal officials, and other public participants, shall be paid by the LESSEE.

4.2.3 PROGRAM PLAN ELEMENTS Each Program Plan shall contain the following elements: information, projections, impact projections, mitigative-augmentative measures, program goals and performance standards, and program plan descriptions.

4.2.3.1 Information Inasmuch as each area encompassed by a program plan creates a need for information in both the public and the private sectors, the program plans shall be designed to ensure that adequate provision has been made to meet the particular information needs created within its purview. The program plan shall identify (A) the categories of information to be provided; (B) the STATE and local, public and private resources to be employed in its collection, collation, and distribution; (C) the data bases to be employed; and (D) the form and medium of presentation of the data and information developed pursuant to each program plan.

4.2.3.1.1 Information Systems To the maximum extent possible, data systems of the LESSEE shall be compatible with existing data systems to insure accessibility and timely distribution of information.

4.2.3.2 Projections Each program plan shall detail the resources, services, and programs in the public and private sectors required to support PROJECT activities in each program plan area. These details shall include the type of resource or service required, demand-schedule, source of required resource or service, and any additional information necessary to provide reasonable, accurate, and timely projections to the STATE, localities, and Impact Information Centers to permit reasonable planning for contingencies arising from PROJECT activities.

4.2.3.3 Impact Projections Each program plan shall provide impact projections arising from the PROJECT demands upon the regions of the STATE and the localities affected by PROJECT activities. The impact projections shall detail, or make provision for the detailing of, impacts which create a need for compensatory action by either the public or private sector in the STATE, and the countervailing demands which they create so that the people of the STATE and their agents shall have adequate advance information to respond appropriately to the effects of the PROJECT. Such impact projections shall be based upon relevant combinations of PROJECT data, baseline data from the affected communities and the regions, and current levels of services provided. These impact projections shall be used to determine the potential deficit and/or additive effects upon the physical infrastructure, the social structure, the provision of services, and the overall quality of life as appropriate within the constraints of each program plan.

4.2.3.4 Mitigative/Augmentative Measures Provisions

shall be made in each program plan to delineate compensatory measures that may balance the deficit effects as well as those measures that may enhance the additive features of the PROJECT upon the STATE and its people. These measures shall include: specific operational policies that will guide the decision-making of the LESSEE, the Prime Management Contractor and the Execution Contractors; the upgraded or expanded programs needed to balance the effects of the PROJECT on STATE and local services; and new programs and services, such as the Impact Information Centers, the remote hire program, the employee locator system, and the national publicity campaign to discourage in-migration to the STATE, to be established to manage impacts.

4.2.3.5 Program Goals and Performance Standards Each

program plan shall contain program goals and performance standards. These program goals shall be reflected as principles in all contracts or agreements executed by the LESSEE and the Prime Management Contractor (PMC) to the extent any program goal is relevant to the contract or agreement. The STATE will use the relationship between LESSEE's performance and these program goals and performance standards as a measure of LESSEE's compliance with these stipulations. These program goals and performance standards shall constitute both STATE and LESSEE policy with respect to the PROJECT and shall be considered adopted when, together with the program plans, they are signed as transmitted by the LESSEE to the STATE and approved, in writing, by the PIPELINE COORDINATOR.

4.2.4 PROGRAM PLAN DESCRIPTIONS The LESSEE shall provide the

PIPELINE COORDINATOR with descriptions of program plans in the categories specifically delineated below. The PIPELINE COORDINATOR may require additional components to be included within each plan described as specific program needs are identified through the Planning Process. It shall be the duty of the LESSEE to implement these program plans. The LESSEE shall bear all costs of plan preparation, dissemination, mandating reviews, and implementation of all such plans.

4.2.4.1 Labor Force Plans, Construction and Operation Phases

The LESSEE shall develop a Labor Force Plan which shall contain measures to recruit, train, and hire Alaskan RESIDENTS, to the maximum extent allowable by law, for the preconstruction, construction, and the operation and maintenance phases of the PROJECT. The LESSEE shall include these measures in the Project Labor Agreement (PLA) and all other applicable legal agreements governing PROJECT activities. This Plan shall include measures to identify the extent to which any supplemental training is required for the Alaskan workforce to meet PROJECT labor demands, and to utilize training programs such as union apprenticeship, C.E.T.A., and other in-State job training programs. This plan shall include provisions for emergency and subsistence leave for employees. The Plan shall also include an orientation program for management representatives of all PROJECT contractors and subcontractors at which these representatives shall be briefed on all applicable STATE and federal labor laws and regulations specifically including safety, worker's compensation, utilization of Job Service offices, and access to all PROJECT facilities for investigatory requirements of agents from the STATE Department of Labor, Wage and Hour Division. The Plan shall include a design for a "labor force delivery system" incorporating training needs identification and other measures, including:

4.2.4.1.1 Identification of a job entry requirements and job descriptions for those occupations involved in the construction, operation, and maintenance of the pipeline system including minimum entry skills, process of the normal entry stream, and, if applicable, usual union affiliation;

4.2.4.1.2 Inventory of the skill levels and training needs of the available Alaska workforce including all demographic and labor force information necessary to determine the status, location, and availability of that workforce;

4.2.4.1.3 Descriptions of training programs either established or to be established, to meet the supplemental training requirements for the PROJECT workforce including both institutional and on-the-job training which will allow Alaskans to update, upgrade, and develop skills necessary to compete for the available job opportunities;

4.2.4.1.4 Assurances that contractors will register with the Employment Security Division of the Alaska Department of Labor for Unemployment Insurance Contribution and with Alaska Department of Labor for participation in the Bureau of Labor Statistic's labor force estimating and occupational statistics program; and

4.2.4.1.5 Provisions and procedures for a remote hire/dispatch system to equalize job access for QUALIFIED rural Alaskans, including coordination with labor unions in the

negotiated Project Labor Agreement and coordination with all other recognized manpower distribution systems. Rural dispatch opportunities must be protected to the maximum extent practicable.

4.2.4.1.6 Labor Force Projections shall be submitted to the PIPELINE COORDINATOR. The first such projection shall cover the initial six-month period and shall be submitted within thirty days of the acceptance of this lease. This projection shall be for a total projected number of PROJECT employees in Alaska, broken down by detailed occupational categories, further broken down by job location and camp location, and goals for Alaska Native, other minority, and female hire. Additional projections shall be submitted quarterly until the completion of the PROJECT, beginning the first full quarter following the period covered by the initial six-month projection. Such additional projections shall contain, in addition to information categories supplied in the initial projection, a breakdown of total projected Labor Force, by location, showing Alaska Hire goals for that quarter.

4.2.4.2 Alaska Business Opportunity Plan, Construction and Operation Phases The LESSEE shall develop an Alaska Business Opportunity Plan which shall include all lawful and appropriate steps to enhance opportunities for ALASKA-OWNED BUSINESSES during the construction and operation and maintenance phases of the PROJECT, including: (A) a set-aside program

which shall provide that a percentage of total contract awards for the PROJECT be awarded to ALASKA-OWNED BUSINESSES; (B) provisions for procurement specification tolerances within which locally procurable goods and services may be substituted for non-locally available goods and services; (C) provisions by which aggregate unit bids may be broken down to sub-units in line with the capacities of ALASKA-OWNED BUSINESSES; and (D) a contracting procurement information and reporting program which shall provide detailed procurement information and procedures for ALASKA-OWNED BUSINESSES, including reimbursement practices and provision for regular reports and projections of PROJECT contracting and procurement requirements to the Alaska business community such that sufficient inventory controls may be maintained by individual businesses to avoid shortages to local residents.

4.2.4.2.1 The LESSEE shall submit an initial quarterly projection of contracting and procurement activities when the Alaska Business Opportunity Plan is submitted for approval to the PIPELINE COORDINATOR. This projection shall detail the total projected contract dollars to be awarded for the PROJECT during the reporting period, the breakdown of total projected contract dollars by classification of goods or services to be delivered or rendered, and the projected destination of the deliverables with required points of delivery. The projection shall include the LESSEE goals for Alaska business participation for the reporting period.

4.2.4.2.2 The LESSEE shall provide written assurance of timely reimbursement with this plan which shall be a part of each contract with an ALASKA-OWNED BUSINESS.

4.2.4.3 Project Health and Safety Plan The LESSEE shall develop a plan for the provision of medical services, physical and mental health care, and worker safety which shall ensure a safe and health living and working environment for project employees. This Plan shall include: (A) a medical systems design overview which shall detail the medical facilities, services, personnel, and programs available to employees; (B) field evacuation procedures; and (C) provision for counseling and referral services for employees, including alcohol and drug abuse counseling; (D) a loss prevention program to maximize worker safety on the job; (E) plans to ensure cooperation with both public and private health and social service providers so that an effective level of delivery of services may be maintained to pipeline workers and their families as well as the population-at-large; and (F) plans for a PROJECT health and safety reporting program to provide an adequate, on-going, data-base on PROJECT health and safety for the use of public agencies and the Alaska medical community.

4.2.4.4 Public Information Plan The LESSEE shall develop a public information plan which shall include: descriptions of the format, content, categories, proposed schedule, and media to be employed for all regular media

productions designed for public information purposes; details on PROJECT information policies and procedures for media and press relations, PROJECT access by the news-media and the press, processes for public inquiries, and procedures governing the use of confidential and proprietary information; delineation of the separate channels utilized by the LESSEE for the dissemination of technical and specialized information as distinct from "public relations" information, and provision for the coordination and integration of the multiple information components of other program plans which may be appropriate for public dissemination, including LESSEE utilization of the Impact Information Centers and other local resources.

4.2.4.5 Employee Management Plan The LESSEE shall develop an Employee Management Plan for processing, orienting, and providing support services for employees which shall include: (A) the establishment of an Employee Locator System which will be used to facilitate mail delivery, locate workers in case of emergencies and for other lawful purposes; (B) a Camp Management Plan which (1) details camp regulations and policies, (2) describes the camp management and its relationship to the employees and its relationship to the PROJECT management structure, and (3) describes the camp facilities and the services available to the employees, e.g., mail services, communications, recreation, banking, and counseling services; and (C) an employee orientation program which shall include (1) information developed pursuant to the Camp Management Plan, PROJECT Health and Safety Plan, PROJECT Security

Plan, (2) any and all PROJECT policies and procedures that may affect the employee, and (3) applicable environmental and Fish and Game laws, local community concerns, and stipulations governing the PROJECT as they relate to the employees' responsibilities.

4.2.4.6 Project Security Plan The LESSEE shall develop a PROJECT Security Plan which shall be utilized in the work camps, work sites, and at all PROJECT locations within the STATE. This Plan shall include, but not be limited to: (A) a description of general PROJECT security needs and proposed measures to be taken by the LESSEE and its contractors to meet those needs; (B) a description of PROJECT security policies and procedures governing search and seizure, arrest and detainment, investigation, appeals, and relationship to civil authorities; (C) a statement of the legal authority exercised by LESSEE's security personnel; and (D) a description of security personnel positions including backgrounds, skills, and training requirements for those positions.

4.2.4.7 Gas Taps Design Plan The LESSEE shall develop a plan for the siting and design of gas tap installations in the PROJECT pipeline which shall include: (A) a description of gas taps, the volumetric capability of taps, and the technical, regulatory, and other requirements which must be met to acquire gas from the pipeline; (B) plans for providing information to utilities and/or other groups who seek to evaluate the economic and the technical feasibility of gas

distribution systems; and (C) provisions for the design of gas tap installations at locations designated by the PIPELINE COORDINATOR such that the maximum potential use for each location may be accommodated and the continuous usage in the event of temporary line shut-down may be assured.

4.2.4.8 Communication Plan The LESSEE shall develop a PROJECT Communications Plan which shall include a description of the PROJECT communication system in sufficient detail to assess its interface with STATE and local systems. The Communications Plan shall incorporate: (A) procedures to ensure the availability of PROJECT communication capabilities for law enforcement and emergency purposes, including the dedication of a communications channel for the use of the Alaska Department of Public Safety and for emergency medical communications; procedures to permit access to the PROJECT communications system by the local Impact Information Centers; and procedures to permit the establishment of a remote dispatching system and an employee locator system.

4.2.4.9 Transportation Plan The LESSEE shall develop a plan identifying the social and economic effects of PROJECT transportation requirements for major hauling and PROJECT personnel in Fairbanks and other PROJECT locations. This plan shall outline those policies and procedures established by the LESSEE to govern the transportation activities of the PROJECT and establish a PROJECT transportation reporting system which will provide on-going consolidation and availability of PROJECT transportation information including

route uses, schedules, and volumes.

4.2.4.9.1 The LESSEE shall submit an initial projection of PROJECT transportation activities when the Transportation Plan is submitted for approval. This projection shall include a project-life estimate of transportation activities for all modes for the following: camp mobilization, pipe haul, compressor station parts, equipment, POL, material, commodities, and personnel. This projection shall include activities during the mobilization, construction, and demobilization phases of the PROJECT and shall detail the MAJOR MILESTONES related to transportation activity. This projection shall include a summary schedule and description of PROJECT transportation estimates by month, mode, volume, and route utilizing maps and other graphic displays of information which may aid the presentation of the data.

4.2.4.10 Housing Plan The LESSEE shall develop a plan for identifying PROJECT-related housing needs at quarterly intervals including estimations of the numbers of LESSEE, Prime Management Contractor, and Execution Contractor personnel who will be relocated to pipeline CORRIDOR COMMUNITIES and projections of the housing requirements for these personnel by type, size, and location of housing. Such projections will also include estimations of utility and other local service needs. In addition, regular projections will be provided of the hotel and motel needs of itinerate personnel working in the proximity of CORRIDOR COMMUNITIES.

4.2.4.10.1 An initial projection of the next year's PROJECT housing requirements shall be made within thirty (30) days after the acceptance of this lease.

4.2.4.11 Law Enforcement and Public Safety Plan The LESSEE shall develop a plan detailing its relationship with the Alaska and North Slope Borough Departments of Public Safety, including: (A) agreements between the LESSEE and the Departments of Public Safety regarding the relationship between the Public Safety personnel and PROJECT security personnel; (B) the establishment of a reporting procedure to ensure the timely reporting of criminal violations and other public safety matters to appropriate authorities; and (C) an agreement to provide access to camp facilities and other PROJECT facilities to the Alaska State Troopers and NSB Public Safety Officers in the performance of PROJECT-related duties, including room, board, and other services as the need may arise in the performance of official duties. These agreements shall include a negotiated maintenance agreement with the Departments of Public Safety for the servicing of vehicles used by law enforcement officers North of the Yukon River.

4.2.4.12 Subsistence Impact Plan The LESSEE shall provide plans and procedures to protect: (A) fish, wildlife, and other biotic resources taken for SUBSISTENCE USES; (B) the habitats of such resources; and (C) the activities and harvest opportunities associated with SUBSISTENCE USES of

such resources. A Subsistence Impact Plan shall be developed which includes: (A) the development of a study design to assess the potential conflicts between PROJECT activities and SUBSISTENCE USES, including activities and harvest opportunities associated with such uses; (B) the funding of appropriate research and monitoring efforts necessary to protect SUBSISTENCE USES, including activities and harvest opportunities associated with such uses, over the life of the PROJECT; and (C) the delineation of responsibilities of the federal government, the STATE and its political subdivisions for permitting and compliance, field surveillance, governmental decision-making regarding mitigative measures, and facilities design and siting. The information resulting from this plan must be useful for technical evaluation purposes and understandable to subsistence users.

4.2.5 COMMUNITY AND REGIONAL IMPACT PROGRAM The LESSEE shall cooperate with the STATE in the development of a Community and Regional Impact Program.

4.2.5.1 Community and Regional Impact Assessments. The LESSEE shall fund studies, developed by the STATE, of the effects of PROJECT activities on the CORRIDOR COMMUNITIES and the Corridor Regions transected by the pipeline. These studies shall identify the specific positive and negative effects from the PROJECT and shall detail the characteristics of those effects such that the LESSEE, the STATE and its

political subdivisions, and the CORRIDOR COMMUNITIES may make management decisions based upon accurate, timely, and meaningful information.

4.2.5.2 Community Baseline Profiles The LESSEE shall fund Community Baseline Profiles, to be developed by the STATE, for use in the development of Community and Regional Impact Assessments. The Profiles shall include planning data with emphasis on land use, resources, and economic developments designed to assess the cumulative effect of pipeline development on an entire region.

4.2.5.3 PROJECT Description The LESSEE shall provide a PROJECT Description within 30 days of the acceptance of this lease, including: (A) detailed alignment/routing information, facilities siting and camp locations, layout, and description; (B) general description of the criteria and standards relating to alignment and facilities siting; (C) PROJECT scheduling information, PROJECT logistical information including movements of labor force and materials; (D) field activities schedules, labor force supply and demand data; (E) projected need for housing, and projected utilization of local goods and services; and (F) any additional information relevant to the analysis of project impacts on the localities affected.

4.2.5.4 Community Impact Mitigation Plans Community

Impact Mitigation Plans shall be developed by LESSEE which include the consolidation of all information, projections, and impact projections developed pursuant to the 4.2 Program Plans. The Community Impact Mitigation Plans shall provide a standard reporting format, schedule, and distribution process for the information. The LESSEE shall provide information to the STATE Department of Labor and STATE Department of Commerce and Economic Development, and the STATE Division of Budget and Management ; for their ongoing forecasts of economic and population changes.

4.2.5.4.1 Corridor Regions LESSEE shall develop Community Mitigation Plans for each of the following regions: the NORTH SLOPE REGION, the FAIRBANKS-NORTH STAR REGION, the TANANA YUKON/NORTH REGION, the DELTA-CLEARWATER REGION, and the UPPER TANANA REGION. These Plans shall address the effects of PROJECT activities identified by the STATE in the Community and Regional Impact Assessments and shall include LESSEE's plans and procedures to mitigate the adverse effects of the PROJECT on the people of the STATE.

PERFORMANCE AND COMPLIANCE

4.3.1 PERFORMANCE REPORTS LESSEE shall submit performance reports to the PIPELINE COORDINATOR on program

activities undertaken pursuant to the Section 4.2 program plans.

4.3.1.1 Employment Performance Reports Reports concerning work-force hire and termination shall be submitted to the PIPELINE COORDINATOR quarterly. These reports shall detail: (A) total PROJECT hire/termination during the reporting period; (B) breakdown of (A) into Alaskan Native/Non-Native/Other Minority classifications; (C) breakdown of (B) into Male/Female classifications; (D) breakdown of (A), (B), and (C) by job classifications; (E) breakdown of (D) by residence identifying state of residence and, if Alaskan, identifying city, town, or village residence; and (F) breakdown of (E) in termination report shall indicate the reason for termination by appropriate category, e.g., quit, fired, reduction-in-force. The Termination report for categories (A), (B), and (C) shall include the average worker hours worked, total, and for each classification.

4.3.1.2 Alaskan Business Opportunities Performance

Reports Reports on local business participation shall be submitted to the PIPELINE COORDINATOR quarterly. These reports shall detail: (A) total contract dollars for contracts in connection with work to be performed in Alaska during the reporting period; (B) breakdown of (A) by contractor and contractor home office by city and state; (C) breakdown of (B) by classification of goods-services delivered/rendered; and (D) breakdown of (C) by destination of deliverables by spread and location of delivery.

4.3.1.2.1 The Alaskan Business Opportunities Performance reports shall be limited to contract units greater than Fifty Thousand Dollars in breakdowns B, C, and D.

4.3.1.3 Other performance reports on program activities resulting from each 4.2 program plan shall be submitted quarterly to the PIPELINE COORDINATOR, and shall contain at least the following information: (A) performance activity by stipulation number; (B) name of LESSEE official in charge of subject activity; (C) current activity schedule; (D) objective of activity, including product or result anticipated; (E) projected review date(s) for activity products or results; and (F) brief narrative of activity status, including application of relevant standards and criteria.

4.3.1.4 Initiation of Performance Reporting Periods

All performance reporting periods shall begin the first full

quarter following the approval of the program plans by the PIPELINE COORDINATOR.

4.3.2 PERFORMANCE AND COMPLIANCE BOND The LESSEE shall furnish the STATE a Performance and Compliance Bond of such type and on such terms and conditions as are acceptable to the PIPELINE COORDINATOR, in the principal amount of one million dollars (\$1,000,000.00). This bond shall be furnished within ninety (90) days of the acceptance of this lease. This Bond shall be maintained in full force and effect in the full principal amount at all times until released in writing by the PIPELINE COORDINATOR, or until one year after the commissioning of the pipeline, whichever occurs first.

4.3.3 COMPLIANCE

4.3.3.1 Response to Information Requests Response to information requests made of LESSEE by the PIPELINE COORDINATOR shall be made in the manner prescribed by the PIPELINE COORDINATOR. In the event that an information request response cannot be completed in the time requested or in the manner prescribed, LESSEE shall detail, in writing, within ten (10) working days of the request, the reasons for LESSEE's inability to respond to the request and suggest an alternative schedule for a response.

4.3.3.2 Failure to Respond to an Information Request
Failure of LESSEE to respond to an information request made

by the PIPELINE COORDINATOR shall constitute non-compliance and LESSEE shall be liable for penalties imposed pursuant to Section 4.3.4.

4.3.3.3 Determination of Non-Compliance LESSEE shall be considered in non-compliance with program goals and performance standards when, having received a written Notice of Non-Compliance from the PIPELINE COORDINATOR detailing by reference to applicable stipulation, plan, approved program the area of non-compliance, LESSEE fails to correct, mitigate, or otherwise alter the designated area of non-compliance to the satisfaction of the PIPELINE COORDINATOR. Non-compliance shall be based on any, all, or combinations of the following: non-conformity to stipulation(s), failure to implement and conform to an approved program plan, failure to conform to established performance standards, failure to conform to various agreements or understandings relating to program planning under Section 4.2, failure to respond to information requests, and failure to achieve program goals established under the 4.2 program plans.

4.3.3.4 Form of Response to a Notice of Non-Compliance LESSEE shall respond to a Notice of Non-Compliance, in writing, within a time specified by the PIPELINE COORDINATOR. The response shall detail: (A) designated company official(s) directing the Non-Compliance response; (B) reasons for non-compliance; (C) plan of action to be taken to achieve compliance status; (D) schedule for such corrective actions

and (E) other pertinent information.

4.3.3.5 Acceptability of Response LESSEE shall be notified, in writing, by the PIPELINE COORDINATOR if LESSEE's response is unacceptable. In case of an unacceptable response, the LESSEE and the PIPELINE COORDINATOR shall negotiate to achieve an acceptable response.

4.3.4 PENALTY Failure by LESSEE to implement the compliance time-tables and undertake scheduled actions may result in a penalty of no less than one thousand dollars (\$1,000.00) or no more than ten thousand dollars (\$10,000.00) per day per violation for each day a required action is not taken beyond the established compliance timetable. The amount of the penalty shall be set by the PIPELINE COORDINATOR, and shall be collected from the Performance and Compliance Bond.

4.3.4.1 These requirements for compliance and penalties for non-compliance are in addition to all other requirements under law, and are not intended to affect, nor are they intended to limit in anyway, LESSEE's liability under any provision of law.

4.4 SURVEILLANCE, INSPECTION, AND MONITORING

Lessee shall cooperate with the STATE in the execution of the STATE's surveillance, inspection, and monitoring

duties in connection with these stipulations, including: the monitoring of program and planning performance and the inspection of information sources and data bases as may be used in the development and production of projections, performance reports, plans, assessments, or other information requirements arising from these stipulations.

4.4.1 AUDIT OF DATA LESSEE shall ensure the maintenance and accessibility of all data that provide the basis for plans, programs, and reports, required by these stipulations and shall permit the PIPELINE COORDINATOR to conduct periodic audits of that data.

4.4.1.1 Form of Request for Data The PIPELINE COORDINATOR shall make all requests for access to data in writing, specifying the data required, the desired date and place of delivery, and the medium to be employed in transmitting the requested data, taking into consideration the time reasonably required to provide the data and the costs involved in their transmission.

4.4.1.2 Confidential and Proprietary Data Confidential and proprietary data shall be treated in accordance with STATE law.

4.4.1.3 Limitations Such audits of data shall be for

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evaluative purposes only in questions of completeness, correctness, or accuracy of information related to requirements of these stipulations and shall not be used to hold harmful or in any way incur liability of LESSEE other than liabilities arising from the failure to perform and comply to these stipulations. This Sub-Section is limited to the purposes of these stipulations and is not intended to supplant or replace applicable laws, rules, or regulations otherwise in effect.

4.4.2 STATE AGENCY SURVEILLANCE AND MONITORING

4.4.2.1 All STATE agencies with responsibilities to enforce standards pursuant to agreements in the Section 4.2 program plans, and STATE agencies with responsibilities established by law to enforce standards in the living and working environments of PROJECT employees shall be considered monitoring and surveillance agencies for the PROJECT. To the extent allowed by law, all STATE monitoring and surveillance activities shall be coordinated pursuant to the "ONE-WINDOW" process.

4.4.2.2 State Occupational Safety and Health Inspection

The LESSEE shall allow all designated representatives of the STATE Department of Labor to enter any area along the right-of-way where work is being performed, for the purpose of inspecting the work-environment and evaluating compliance with the STATE Occupational Safety and Health laws.

4.4.2.3 Public Safety The LESSEE acknowledges the

authority of the Alaska Department of Public Safety under A.S. 18.60 and the authority of the North Slope Borough Department of Public Safety, and agrees to allow representatives of those Departments access to any point along the right-of-way for official purposes.

4.4.2.4 Human Rights Surveillance and Monitoring The LESSEE acknowledges the authority of the STATE Human Rights Commission under A.S. 18.80, and agrees to allow access to any point along the right-of-way for official purposes.

4.4.2.5 Health and Social Services The LESSEES shall allow representatives of the STATE Department of Health and Social Services to enter any area along the right-of-way for the purposes of conducting all inspections of the living and working environment authorized by law.

4.4.2.6 Reimbursement for Monitoring and Surveillance Activities All reasonable costs incurred by STATE agencies in monitoring and surveillance activities shall be reimbursed by LESSEE.

4.4.2.7 Accommodation and Use of Facilities The LESSEE shall provide STATE monitoring and surveillance personnel and others on official business with the STATE with room, board, and vehicle maintenance at LESSEE camps north of the Yukon River during the preconstruction, construction, and operation phases of the PROJECT.

4.5 ACCESS

4.5.1 MAXIMUM UNRESTRICTED ACCESS During construction or termination of activities, the LESSEE may regulate or, with the written consent of the PIPELINE COORDINATOR, prohibit access to or upon any public road being used for such activity. At all other times, the LESSEE shall permit free and unrestricted access to and upon public roads. The LESSEE shall provide appropriate warnings, flagmen, barricades, and other safety measures when the LESSEE is using roads or regulating access to or upon public roads.

4.5.2 ALTERNATIVE ROUTES During construction of the pipeline, the LESSEE shall provide alternative routes for existing recorded or unrecorded roads and trails at locations and according to standards as determined by the PIPELINE COORDINATOR.

4.5.3 ALTERNATIVE CROSSINGS The LESSEE shall provide suitable permanent crossings for the public at locations and according to standards as determined by the PIPELINE COORDINATOR where the right-of-way crosses existing roads, foot trails, winter trails, or other rights-of-way.

4.5.4 ACCESS TO WATERBODIES The LESSEE shall take into consideration and make accommodation for access to and from waterways and waterbodies such as streams, rivers, and lakes in the design and construction of the pipeline and its appurtenances.

HCR

51

COMMITTEE REPORT

HOUSE

(7)

FURTHER:

1/22/82

Date:

Jan 25 1982

Mr. Speaker:

The Committee on RESOURCES has had HCR 51

Relating to the enhancement of wildlife populations through predator management.

under consideration and (a majority of the committee) (the committee) reports it back with the following recommendations:

- do pass [] do not pass
- [] do pass with attached amendments(s)
- replace with CS for Resources HCR 51 [] same title [] new title
- and recommends do pass
- [] AND attaches a "Letter of Intent" [] New Fiscal Note
- [] reports it back without recommendation
- [] referred to the _____ Committee

MEMBERS SIGNING
DO PASS

Francis
Barnes
Ben ...
Rich ...
Eric ...

MEMBERS HAVING
OTHER RECOMMENDATIONS:

Tom ...

Francis
 CHAIRMAN



STATE OF ALASKA
OFFICE OF THE GOVERNOR

BILL ANALYSIS

Department Fish and Game	Sponsor (Principal) Resources Committee	Bill Number HCR 52
Department Position Favor		
Division/Department Ronald J. Somerville	Date 2/9/82	Commissioner <i>[Signature]</i> Date 2-11-82

GOVERNOR'S OFFICE USE

Comments:

Position Noted By _____ Date _____

SUMMARY

1. a) Related Bills (Similar or Conflicting) None known	1. b) Other Agencies Affected by Bill DNR
2. a) Organizational Support for Bill Unknown	2. b) Organizational Opposition to Bill Unknown
3. Program Effects of Bill No direct impacts	
4. Fiscal Impact: <input checked="" type="checkbox"/> None <input type="checkbox"/> Fiscal Note Attached	
5. Amendments Proposed: None	
6. Comments: The Department strongly supports this resolution; would give strong backing to the current Department efforts to work cooperatively both with the State Department of Natural Resources and with the U.S. Bureau of Land Management, and to a lesser extent Fish and Wildlife Service. We strongly believe that the development of fire management plans which will provide for selective fire control and prescribed fires, will not only result in the restoration of vast amounts of prime wildlife habitat, but will also save the State money by discouraging the unnecessary fighting of wildfire that will not result in damage to private property or to other resources.	



STATE OF ALASKA
OFFICE OF THE GOVERNOR

BILL ANALYSIS

Department Fish and Game	Sponsor (Principal) Resources Committee	Bill Number HCR 51
Department Position Favor		
Division Director Ronald J. Somerville	Date 2/9/82	Commissioner <i>[Signature]</i> Date 2-11-82

GOVERNOR'S OFFICE USE

Comments:

Position Noted By _____ Date _____

SUMMARY

1. a) Related Bills (Similar or Conflicting) None known	1. b) Other Agencies Affected by Bill None
2. a) Organizational Support for Bill Judging from past experience probably most advisory committees and sportsmen's organizations.	2. b) Organizational Opposition to Bill. Probably enviromental groups.
3. Program Effects of Bill Would not effect current program but would likely result in additional investigations and preparation of additional proposals to the legislature for specific funding for new projects.	

4. Fiscal Impact: None Fiscal Note Attached

5. Amendments Proposed:
None

6. Comments:
As an expression of legislative intent and direction, this resolution is welcomed because it urges continuation and perhaps expansion of a program the Department already has underway. While the Department does not view predator control as the answer to all management ills, nor does it consider it to be necessarily desireable in all situations, we favor continuation of the present program that involves careful analysis of each individual situation and exposure of proposals to public comment before initiation. If it is the wish of the Legislature that we prepare analyses and proposals of appropriate additional areas in the State for this type of treatment, together with budgets to implement such programs, we will be happy to provide these.

(Continued)

6. Comments (cont.)

Regarding the final "resolved" we have no objection to this stipulation though it should be realized that the decision on whether to utilize the public on predator management programs, depends upon the individual situation, terrain, timing and other factors. When public participation will result in efficient accomplishment of the goals of a predator management project, we prefer that the public do the removal rather than the Department. We would not wish to be put in a position however, where it was mandated that we had to involve the public directly in any program undertaken.

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

I. REQUEST
 Bill/Resolution No. HCR 52 and MHR 75
 Title Habitat Management
 Requested by House Resources Date 2/2/82

II. FISCAL DETAIL
 Agency Affected Fish and Game
 Program Category Affected NRMEC
 BRU, Program, Or Subprogram(s) Affected Habitat Division
 (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 82	FY 83	FY 84	FY 85	FY 86	FY 87
100 PERSONAL SERVICES						
200 TRAVEL						
300 CONTRACTUAL						
400 COMMODITIES						
500 EQUIPMENT						
600 LAND & STRUCTURES						
700 GRANTS, CLAIMS, ETC.						
TOTAL	None	-0-	-0-	-0-	-0-	-0-

FUNDING (Thousands of Dollars)

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
GENERAL FUND	-0-	-0-	-0-	-0-	-0-	0-
FEDERAL FUNDS						
OTHER (Specify Source)						

POSITIONS

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
FULL TIME						
PART TIME						
TEMPORARY						

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

Although the Habitat Division believes that a full range of fire management options need to be considered in land management decisions, the Division is presently prepared to make fire management recommendations for purposes of habitat protection or enhancement. Because we can provide these recommendations to land managers through existing planning and coordination procedures the Division does not expect this resolution to have a significant impact on its ongoing workload or funding requirements at this time.

IV. DATE 2/3/82 PREPARED BY Bruce Baker
 AGENCY Fish and Game
 PHONE 465-4106
 Original: Legislative Finance
 cc: Budget and Management
 Prime Sponsor (First Legislator Named)
 33-001 (Rev. 12/81)

Bruce Baker
Robert M. Sullivan, Jr.

THE LEGISLATURE OF THE STATE OF ALASKA
TWELFTH LEGISLATURE

FISCAL NOTE

I. REQUEST
Bill/Resolution No. HCR 51 and HJR 76
Title Enhancement of Wildlife Populations through Predator Management
Requested by House Resources Date 2/2/82

II. FISCAL DETAIL
Agency Affected Fish and Game
Program Category Affected NRMEC
DRU, Program, Or Subprogram(s) Affected Habitat Division
(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 82	FY 83	FY 84	FY 85	FY 86	FY 87
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)

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
GENERAL FUND	-0-	-0-	-0-	-0-	-0-	-0-
FEDERAL FUNDS						
OTHER (Specify Source)						

POSITIONS

	FY 82	FY 83	FY 84	FY 85	FY 86	FY 87
FULL TIME						
PART TIME						
TEMPORARY						

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

The Habitat Division does not anticipate that these resolutions will have significant impacts on its workload or funding requirements.

IV. DATE 2/3/82 PREPARED BY Bruce Baker
AGENCY Fish and Game
PHONE 465-4100
Original: Legislative Finance
cc: Budget and Management
Prime Sponsor (First Legislator Named)
33-001 (Rev. 12/81)