

ALASKA LEGISLATURE SPECIAL COMMITTEE/SUBJECT FILE 8672

1834 SCOMM 74: SEN. SPEC. COMM. ON DOMESTIC & INTL. FISH., 1991-92..51

6/19/92

Page 11

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Completed	Error chk	Valid FRED	PNP/ Proj	STATE
TUTKA BAY HATCHERY												
PINK	FRY	INGRAM CREEK	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P	
PINK	FRY	TUTKA BAY FED	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P	
PINK	FRY	TUTKA BAY UNFED	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P	

CIAA

Cost Survey Name	Project Number
PWSAC	49-61, 125-127
SSRAA	1-10, 114-116
Burro Creek	43-45, 124
CIAA-Tutka	65-66
CIAA-Eklutna	64, 140
CIAA-Trails Lake	133-139
NSRAA-Port Camden	28-29
NSRAA-Medvejie Creek	19-24, 117
NSRAA-Hidden Falls	25-27, 118
KNFC	39-42
AK Aqua	11-15, 120
Dipac	33-38, 122-123
Gulkana I & II	88-92
I/AYK	105
Kitoi	93-94, 157-160
Ft. Richardson	87
Deer Mountain	78-81, 156
Snettisham	106-113, 166-167
Crooked Creek	75, 145-150
Port Armstrong/Armstrong-Keta	46-48, 121
Sheldon Jackson	30-32, 119
Klawock	35-100
Big Lake	72-74, 141-144
Elmendorf	82-86
Pillar Creek	160, 163-165

PROJECT #	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
Project List for PNP Hatcheries							

(NON-INTENSIVELY MODELED PROJECTS)

SE - Pink, Chum, Coho, Sockeye PWS - Coho, Chinook, Sockeye

CI - Pink, Chum, Chinook, Coho

TYPE

PROJECT #	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
1	Chum S	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
2	Chum F	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
3	Chum S	fry	Kendrick Bay	SE	Whitman Lake	Stocking	SSRAA
4	Chum S	fry	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
5	Coho	smolt	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
6	Coho	smolt	Neets Bay	SE	Whitman Lake	Stocking	SSRAA
7	Coho	smolt	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
8	Coho	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
9	Chum S	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
10	Chum F	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
	Coho	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
	Sockeye	0-smolt	George Inlet	SE	Beaver Falls	Stocking	SSRAA
	Sockeye	0-smolt	Shrimp Bay	SE	Beaver Falls	Stocking	SSRAA
11	Pink	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
12	Pink	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
13	Chum S	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
14	Chum S	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
15	Coho	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
16	Coho	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
17	Coho	smolt	Elley Bay	SE	Bell Island	Stocking	AMERAQUA
18	Steelhead	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
19	Chum S	fry	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
20	Chum S	fry	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
21	Coho	fry	Deer Lake	SE	Medvejie Creek	Stocking	NSRAA
22	Coho	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
23	Coho	smolt	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
24	Coho	smolt	Shamrock Bay	SE	Medvejie Creek	Stocking	NSRAA
25	Chum S	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
26	Chum S	fry	Takatz Bay	SE	Hidden Falls	Stocking	NSRAA
27	Coho	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
28	Chum F	fry	East Camden	SE	Port Camden	Stocking	NSRAA
29	Chum F	fry	West Camden	SE	Port Camden	Stocking	NSRAA
30	Pink	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
31	Chum S	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
32	Coho	smolt	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
33	Chum S	fry	Boat Harbor	SE	Gastineau	Stocking	DIPAC
34	Chum S	fry	Limestone Inlet	SE	Gastineau	Stocking	DIPAC
37	Coho	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
38	Coho	smolt	Sheep Creek	SE	Gastineau	Stocking	DIPAC
39	Pink	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
40	Pink	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
41	Chum S	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
42	Chum S	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
43	Pink	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
44	Chum S	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
45	Coho	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
46	Pink	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
47	Chum F	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
48	Coho	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
49	Coho	smolt	Quillian Bay	PWS	Esther Lake	Stocking	PWSAC
50	Coho	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
51	Coho	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
52	Chinook	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
53	Chinook	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
54	Chinook	smolt	Port Valdez	PWS	Esther Lake	Stocking	PWSAC
55	Chinook	smolt	Quillian Bay	PWS	Esther Lake	Stocking	PWSAC
56	Chum	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC

PROJECT #	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
57	Sockeye	smolt	Coghill River/Lake	PWS	Main Bay	Stocking	PWSAC
58	Sockeye	smolt	Main Bay (Eshamy)	PWS	Main Bay	Stocking	PWSAC
59	Sockeye	smolt	Main Bay (Eyak)	PWS	Main Bay	Stocking	PWSAC
60	Sockeye	smolt	Main Bay (Coghill)	PWS	Main Bay	Stocking	PWSAC
61	Sockeye	smolt	Eshamy Lake	PWS	Main Bay	Stocking	PWSAC
62	Coho	smolt	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
	Coho	smolt	Tatitlek Creek	PWS	Solomon Gulch	Stocking	VFDA
	Sockeye	fry	Summit Lake	PWS	Gulkana I	Stocking	PWSAC
	Sockeye	fry	Cross Wind Lake	PWS	Gulkana I	Stocking	PWSAC
	Sockeye	fry	Gulkana River	PWS	Gulkana I	Stocking	PWSAC
	Sockeye	fry	Gulkana River	PWS	Gulkana II	Stocking	PWSAC
	Chinook	fry	Monsoon Lake	PWS	Gulkana II	Stocking	PWSAC
64	Coho	smolt	Eklutna	CI	Eklutna	Stocking	CIAA
65	Pink	fry	Tutka Lagoon	CI	Tutka	Stocking	CIAA
66	Pink	fry	Halibut Cove	CI	Tutka	Stocking	CIAA

Southeast Chinook
PWS Pink and Chum
Cook Inlet Sockeye

(INTENSIVELY MODELED PROJECTS)

114	Chinook	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
115	Chinook	smolt	Carroll Inlet	SE	Whitman Lake	Stocking	SSRAA
116	Chinook	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
117	Chinook	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
118	Chinook	smolt	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
119	Chinook	smolt	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
120	Chinook	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AK AQUA
121	Chinook	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
122	Chinook	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
123	Chinook	fry	Chilkat River	SE	Gastineau	Stocking	DIPAC
124	Chinook	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
125	Pink	fry	Port San Juan	PWS	Armin F. Koernig	Stocking	PWSAC
126	Pink	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
127	Pink	fry	Unakwik Inlet	PWS	Cannery Creek	Stocking	PWSAC
128	Pink	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
129	Pink	fry	Boulder Bay	PWS	Solomon Gulch	Stocking	VFDA
130	Pink	fry	Naked Island	PWS	Solomon Gulch	Stocking	VFDA
131	Chum	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
132	Chum	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
133	Sockeye	fry	Packers Lake	CI	Trail Lakes	Stocking	CIAA
134	Sockeye	fry	Hidden Lake	CI	Trail Lakes	Stocking	CIAA
135	Sockeye	fry	Bear Lake	CI	Trail Lakes	Stocking	CIAA
136	Sockeye	smolt	Bear Lake	CI	Trail Lakes	Stocking	CIAA
137	Sockeye	fry	Chelatna Lake	CI	Trail Lakes	Stocking	CIAA
138	Sockeye	0-smolt	Coal Creek	CI	Trail Lakes	Stocking	CIAA
139	Sockeye	0-smolt	Thumb Cove	CI	Trail Lakes	Stocking	CIAA
140	Sockeye	1-smolt	Eklutna	CI	Eklutna	Stocking	CIAA

STATE INTENSE AND NON-INTENSELY MODELLED PROJECTS

PROJECT #	Species	Lifestage at RELEASE	Release location	Prod. Region	Hatchery involved	Intensely Modeled	Filled out by:	State/ PNP
67	RED	FRY	HUGH SMITH	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	
68	RED	FRY	MARGARET LAKE	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
69	RED	FRY	VIRGINIA LAKE	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
70	RED	FRY	SALMON LK/KARTA	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
71	RED	FRY	BADGER/BAKEWELL	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
72	COHO	1-AG SMOLT	WASILLA CREEK	CI	BIG LAKE HATCHERY	N	BILL HAUSER	S
73	COHO	1-AG SMOLT	COTTONWOOD CR	CI	BIG LAKE HATCHERY	N	BILL HAUSER	S
74	COHO	SMOLT	FISH CREEK SMOLT	CI	BIG LAKE HATCHERY	N	BILL HAUSER	S
75	COHO	1-AG SMOLT	CROOKED CREEK	CI	CROOKED CR HATCHERY	N	BILL HAUSER	S
76	COHO	FRY	CRYSTAL LAKE F PASS REMT.	SE	CRYSTAL LAKE HATCHERY	N	BOB ZORICH	S
77	COHO	1-AG SMOLT	CRYSTAL CREEK	SE	CRYSTAL LAKE HATCHERY	N	BOB ZORICH	S
78	COHO	1-AG SMOLT	KETCHIKAN CR	SE	DEER MOUNTAIN HATCHERY	N	CAROL DENTON	S
79	COHO	FINGERLING	REFLECTION LAKE	SE	DEER MOUNTAIN HATCHERY	N	CAROL DENTON	S
80	COHO	PRE-SMOLT	WARD LAKE	SE	DEER MOUNTAIN HATCHERY	N	CAROL DENTON	S
81	COHO	1-AG SMOLT	MARGARET LAKE	SE	DEER MOUNTAIN HATCHERY	N	CAROL DENTON	S
82	KING	0-AG SMOLT	SHIP CREEK	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
83	COHO	1-AG SMOLT	SHIP CREEK	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
84	KING	0-AG SMOLT	EAGLE RIVER	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
85	KING	0-AG SMOLT	HALIBUT COVE	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
86	KING	0-AG SMOLT	SELDOVIA BAY	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
87	COHO	1-AG SMOLT	L SUSITNA RIVER	CI	FT RICHARDSON	N	BILL HAUSER	S
88	RED	FRY	GULKANA II	PWS	GULKANA	N	PWS KEN ROBERSON	S
89	RED	FRY	SUMMIT LAKE	PWS	GULKANA	N	PWS KEN ROBERSON	S
90	RED	FRY	CROSSWIND LAKE	PWS	GULKANA	N	PWS KEN ROBERSON	S
91	KING	FRY	MONSOON LAKE	PWS	GULKANA	N	PWS KEN ROBERSON	S
92	RED	FRY	GULKANA I HATCHERY(PAXON)	PWS	GULKANA	N	PWS KEN ROBERSON	S
93	COHO	FINGERLING	CRESCENT/HIDDEN LAKE	KOD	KITOI BAY HATCHERY	N	LONNIE WHITE	S
94	CHUM	FINGERLING	KITOI BAY	KOD	KITOI BAY HATCHERY	N	LONNIE WHITE	S
95	RED	FED FRY	KLAUOCK LAKE FED	SE	KLAUOCK	N	CAROL DENTON	S
96	COHO	PRE-SMOLT	KLAUOCK LAKE	SE	KLAUOCK	N	CAROL DENTON	S
97	COHO	FINGERLING	CABLE CR	SE	KLAUOCK	N	CAROL DENTON	S
98	COHO	FINGERLING	OLD FRANK'S LAKE	SE	KLAUOCK	N	CAROL DENTON	S
99	COHO	FINGERLING	THORNE R.	SE	KLAUOCK	N	CAROL DENTON	S
100	RED	FRY	KLAUOCK LAKE FRY	SE	KLAUOCK	N	CAROL DENTON	S
PWSAC	RED	SMOLT	MAIN BAY RELS (ZYAK)	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
PWSAC	RED	SMOLT	ESHAMY RELEASE	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
PWSAC	RED	SMOLT	MAIN BAY RELS (ESHAMY)	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
PWSAC	RED	SMOLT	MAIN BAY RELS (COGHILL)	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
101	CHUM	FED FRY	RUSSELL CR CHUM	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
102	COHO	SMOLT	RUSSELL CR RELEASE COHO	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
103	RED	FED FRY	RUSS. CR MORTENSENS ' RED	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
104	PINK	FRY	RUSSELL CR PINK	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
105	CHUM	FRY	NOAKAK RIVER	I/AYK	SIKUSUILAQ HATCHERY	N	BILL HAUSER	S
106	RED	EMERG FRY	TUYA LAKE/STIKINE	SE	SNETTISHAM	N	RON JOSEPHSON	S

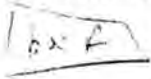
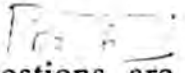
CORRECTION

**THIS DOCUMENT
HAS BEEN REPHOTOGRAPHED
TO ASSURE LEGIBILITY**

**SALMON ENHANCEMENT FACILITY
OPERATING, CONSTRUCTION, AND MANAGEMENT COSTS**

Please describe the annual operating and construction costs for your facility. Your cost estimates should be for fiscal years and for all salmon produced by your facility rather than on a project basis (as the production surveys). For each fiscal year or series of years, provide your estimated total annual costs, as well as how costs can be allocated between commercial and sport/personal use fisheries. The percentage of total annual costs allocated between commercial and sport/personal use fisheries should account for the "TOTAL ANNUAL COSTS." The "management costs" column is to be completed by Alaska Department of Fish and Game fisheries managers.

The results of the survey will be strictly confidential. No results will be reported on an individual facility basis. Instead the results will be used collectively to calculate an average incremental or "marginal" cost of increases or decreases in enhanced salmon production.

1. This first question refers to the annual operating and construction costs of your facility's *currently permitted production*. For each fiscal year or series of years, please include the costs of all salmon production by your facility, and how these costs are allocated between commercial and sport/personal use fisheries production. 
2. Please provide information on the source of funds for your facility production costs listed in question one. The information should be reported in percentages that add up to 100 percent for each year. 
3. This question refers to the annual costs of your facility's *future expected permitted production*. For each fiscal year or series of years, please include the expected operating and construction costs of all salmon production by your facility, and how you expect these costs to be allocated between commercial and sport/personal use fisheries. 

The next series of questions are intended to provide information to determine the potential change in costs of the salmon enhancement program as a result of increases or decreases in production. The scenarios used to estimate cost changes are completely

hypothetical and are not being proposed by either the Legislature or the Alaska Department of Fish and Game.

a. pink
b. chum
c. change
d. 10000

Question 4 contains five parts, each of which hypothetically eliminates the enhancement program for one species while holding the production of all other species at their currently permitted level. The results question 4, together with the results to questions 1 and 3, will be used to calculate the "zero" point on the "production cost curves" for each species.

4a. The *pink* salmon portion of the salmon enhancement program is eliminated while all othre components of the program remain at their currently permitted capacity. Please estimate how this would change the annual costs (fiscal year) of your facility and the allocation of these costs between commercial and sport/personal use fisheries.

4b. The *chum* salmon portion of the salmon enhancement program is eliminated while all othre components of the program remain at their currently permitted capacity. Please estimate how this would change the annual costs (fiscal year) of your facility and the allocation of these costs between commercial and sport/personal use fisheries.

Question 5 also contains five parts. In this question, however, each part hypothetically **increases** by 15 percent the production level of one species while holding the production of all other species at their currently permitted level. The results of question 5, together with the results to questions 1, 3, and 4 will be used to finish calculating the "production cost curves" for each species.

5a. The *pink* salmon portion of the salmon enhancement program is **increased by 15 percent** while all other components of the program remain at their currently permitted capacity. Please estimate how this would change the annual costs (fiscal year) of your facility and the allocation of these costs between commercial and sport/personal use fisheries.

5b. The *chum* salmon portion of the salmon enhancement program is **increased by 15 percent** while all other components of the

program remain at their currently permitted capacity. Please estimate how this would change the annual costs (fiscal year) of your facility and the allocation of these costs between commercial and sport/personal use fisheries.

Some suggestions for the letter to PNP operators.

I would like to thank you for the work that you invested the hatchery survey of intensely modeled enhancement projects for the Hatchery Research Project. The contractor for population modeling portion of the project is now using the survey data.

This is the last portion of the surveying for the project, and again we would like to request your help completing 2 forms.

The first form is the SALMON ENHANCEMENT PROJECT survey for the non-intensively modeled projects. It is shorter and simpler than the intensively modeled site form. A sperate form for each project is included. If you have corrections to the project name or to other identifying data, or if there are additional projects not included in the surveys provided, please make the appropriate corrections or additions. Blank forms are attached.

The second form is a cost of production survey for each facility, identified under FACILITY NAME field in the SALMON ENHANCEMENT PROJECT survey. This form, called the FACILITY OPERATING, CONSTRUCTION, AND MANAGEMENT COST SURVEY, is designed to be similar to the type of budget forecasting that you might do for any upcoming fiscal year. One of these forms must be filled out for each facility associated with INTENSELY or NON-INTENSELY modeled projects. There are, however, some special production cost cases, that will require you to project costs for production levels that may never be feasible for you to operate in. These cases are necessary to create a mathematical model of operating and construction costs for the statewide enhancement program, which allows the computation of costs of production levels not included in the survey. These other cases are to be very aggregate in scale, and will not be used to determine benefits and costs of individual hatchery outputs.

Ginny: Some of the following could be put in the instructions if it is too wordy here.

Operating and construction costs for some increased production scenarios are requested in the survey form. These production increases are aggregated by species while production survey forms are filled out for each project. Since some facilities will have more than 1 project and release location for a given species, this may cause some confusion in determining how to apportion these costs between projects. In these cases, the incremental production costs (for the 15% increase scenario) should be estimated for the most likely and efficient combination of production from each project that you have.

Example: Two sockeye projects are carried out at Facility 2. Together they produce 20,000 sockeye harvests in 1994, and are projected to produce 30,000 harvests in 1999 to 2021.

Increased production of project 1 for sockeye salmon (pr ducing

harvests of 10,000 fish in 1996 from smolt releases in previous years) would be difficult to increase by 15% without some radical changes in management, or new construction.

Project 2 also produces 10,000 harvested fish in 1996 but, fry releases could easily be increased to 15% of the total sockeye production of 20,000 harvested fish ($20,000 \times 1.15 = 23,000$ fish from project 2).

Thus, costs for the increase production should be estimated for project 2, the most likely source of increased production.

For the 15% incremental increased production scenario, it may not be practical to increase production for this species at all in your ability. If there is simply no way to do this, without adding a new project, leave the associated 15% production case blank for that species, but note why you could not carry it out on the form.

Finally, the cost projections for the 15% production level increase should be based upon obtaining the increased harvests in one single salmon life cycle, or as nearly as possible to that time interval.

There will undoubtedly be questions about how to fill out the survey, please address these to Steve McGee.



FROM:

ginny fay

SENATOR SAM COTTEN

Juneau Office:

PO Box V, MS 3100

Room 11, Capitol Bldg

Juneau, AK 99811

FAX: (907) 465-4979

Phone: (907) 465-3711

DATE:

4/9/92

TO:

jeff hartman
FRED

FAX #

4/68

MESSAGE:

*Pls. review this language to go
about with the econ survey questions
id like to get the forms done today because
the leg. rep. person is gone today &
you are next week*

Number of Pages:

7

(not counting cover sheet)

*draft econ survey for
review*

to: Ginny
fr: Jeff Hartman

Here are some ideas for the simplified survey.

Major Changes include:

1. Eliminating all of the data on source of funds.
2. Aggregating by species/facility instead of by project.
3. Eliminating many of the cases, except for current production, planned production, +15% for each species, and -100% for all species.
4. Including management costs (though this gets filled out by comm fish later).
5. Each case constitutes a record, (or Observation in SAS lingo).

System of equations for a production function for enhanced fish.

Background

Data from the Legislatures production and cost survey would be used to develop a function for each of five salmon species that would project the marginal cost of a fish at various production levels.

The Data

Two separate surveys produce a time series on:

- (1) production costs for fish produced at a facility.
- and (2) production harvests that correspond with the projected costs.

The time series is 30 years

For the production harvest model the variables are:
harvest by species/ facility/ year, cases.

Dependent variable is ~~price~~^{cost} per harvested fish/species/facility.

The Model

Species 5
Regions 5
Facilities 40
Year 30
cases 4

data= #fish/species/facility
and total costs/facility
System of equation such as:

$$SP_i = f(SP_j, t_c) \quad i \neq j$$

[illegible][illegible]

ay
artman

Ginny:

We did receive your faxed memo and it got things rolling. Thanks. List of the PNP projects that you requested for the non-intensively modeled sites in the economic analysis is attached. Will carry over a clean copy when we meet.

We are reviewing the PNP production survey form and should have final comments on this promptly.

The Wednesday meeting would be very helpful to revise cost survey form. It would be a bit difficult to discuss and test ideas in a memo. Changes you have already made are similar to concept I had in mind.

I am working on a database in Paradox, to summarize the final project names, species/locations and review status of all of the State and PNP projects. By adding additional fields it could house all of the production information. A second database and form for the cost model could be developed. Paradox is relational, so the two files can be combined to display production/cost combinations for any species/facility combination. Form entry makes it easy for clerical people to do data entry. Making the full database and form entry would be a bit of work. I think I would be willing and able to do the database part of this.

The data entry is another problem, that would be very difficult to load onto our clerical staff. What do you think about Leg Research doing data entry from forms? They would need to either purchase a copy of Paradox, (about \$300 to \$500) or temporarily pirate copy from FRED. I'd have to check on the latter.

I am flexible this week for a meeting. Wednesday sounds fine am or pm.

From <i>Jeff Hartman</i>	To <i>g. fay</i>
Co. <i>CRFD</i>	Phone # <i>3711</i>
Fax # <i>4979</i>	

SPECIES LIFESTAGE RELEASE SITE REGION HATCHERY PROJECT OPERATOR

Project List for PNP Hatcheries

Southeast Chinook
PWS Pink and Chum
Cook Inlet Sockeye

(INTENSIVELY MODELED PROJECTS)

TYPE

SPECIES LIFESTAGE RELEASE SITE REGION HATCHERY PROJECT OPERATOR

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE	OPERATOR
Chinook	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
Chinook	smolt	Carroll Inlet	SE	Whitman Lake	Stocking	SSRAA
Chinook	0-smolt	Carroll Inlet	SE	Beaver Falls	Stocking	SSRAA
Chinook	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
Chinook	smolt	Bear Cove	SE	Medveje Creek	Stocking	NSRAA
Chinook	smolt	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
Chinook	smolt	Sitka Sound	SE	Sheldon Jackson College	Stocking	SJC
Chinook	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AK AQUA
Chinook	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
Chinook	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
Chinook	fry	Chilkat River	SE	Gastineau	Stocking	DIPAC
Chinook	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
Pink	fry	Port San Juan	PWS	Armin F. Koernig	Stocking	PWSAC
Pink	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
Pink	fry	Unakwik Inlet	PWS	Cannery Creek	Stocking	PWSAC
Pink	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
Pink	fry	Boulder Bay	PWS	Solomon Gulch	Stocking	VFDA
Pink	fry	Naked Island	PWS	Solomon Gulch	Stocking	VFDA
Chum	fry	Port San Juan	PWS	Armin F. Koernig	Stocking	PWSAC
Chum	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
Chum	fry	Unakwik Inlet	PWS	Cannery Creek	Stocking	PWSAC
Chum	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
Sockeye		Packers Lake	CI	Trail Lakes	Stocking	CIAA
Sockeye		Hidden Lake	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Packers Lake	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Paint Lake	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Paint River Lake	CI	Trail Lakes	Stocking	CIAA
Sockeye	0-smolt	Coal Creek	CI	Trail Lakes	Stocking	CIAA
Sockeye	0-smolt	Thumb Cove	CI	Trail Lakes	Stocking	CIAA

(NON INTENSIVELY MODELED PROJECTS)

SE - Pink, Chum, Coho, Sockeye

PWS - Coho, Chinook, Sockeye

CI - Pink, Chum, Chinook, Coho

TYPE

SPECIES	LIFES	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
Chum	fry	Naked Inlet	SE	Whitman Lake	Stocking	SSRAA

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
Chum F	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
Chum S	fry	Kendrick Bay	SE	Whitman Lake	Stocking	SSRAA
Chum S	fry	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
Coho	smolt	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
Coho	smolt	Neets Bay	SE	Whitman Lake	Stocking	SSRAA
Coho	smolt	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
Coho	sn.	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
Chum S	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
Chum F	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
Coho	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
Sockeye	0-smolt	George Inlet	SE	Beaver Falls	Stocking	SSRAA
Sockeye	0-smolt	Shrimp Bay	SE	Beaver Falls	Stocking	SSRAA
Pink	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
Pink	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
Chum S	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
Chum S	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
Coho	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
Coho	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
Coho	smolt	Bailey Bay	SE	Bell Island	Stocking	AMERAQUA
Steelhead	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
Chum S	fry	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
Chum S	fry	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
Coho	fry	Deer Lake	SE	Medvejie Creek	Stocking	NSRAA
Coho	fry	Patterson Bay Lakes	SE	Medvejie Creek	Stocking	NSRAA
Coho	fry	Kruzof Lakes	SE	Medvejie Creek	Stocking	NSRAA
Coho	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
Coho	smolt	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
Coho	smolt	Shamrock Bay	SE	Medvejie Creek	Stocking	NSRAA
Chum S	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
Chum S	fry	Tukatz Bay	SE	Hidden Falls	Stocking	NSRAA
Coho	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
Chum F	fry	East Camden	SE	Port Camden	Stocking	NSRAA
Chum F	fry	West Camden	SE	Port Camden	Stocking	NSRAA
Pink	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
Chum S	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
Coho	smolt	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
Pink	fry	Sheep Creek	SE	Sheep Creek	Stocking	DIPAC
Chum S	fry	Sheep Creek	SE	Sheep Creek	Stocking	DIPAC
Coho	smolt	Sheep Creek	SE	Sheep Creek	Stocking	DIPAC
Pink	fry	Sheep Creek	SE	Gastineau	Stocking	DIPAC
Pink	fry	Gastineau Channel	SE	Gastineau	Stocking	DIPAC

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
Chum S	fry	Sheep Creek	SE	Gastineau	Stocking	DIPAC
Chum S	fry	Gastineau	SE	Gastineau	Stocking	DIPAC
Chum S	fry	Amalga Harbor	SE	Gastineau	Stocking	DIPAC
Chum S	fry	Boat Harbor	SE	Gastineau	Stocking	DIPAC
Chum S	fry	Limestone Inlet	SE	Gastineau	Stocking	DIPAC
Chum S	fry	Sullivan Island	SE	Gastineau	Stocking	DIPAC
Chum S	fry	William Henry Bay	SE	Gastineau	Stocking	DIPAC
Coho	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
Coho	smolt	Sheep Creek	SE	Gastineau	Stocking	DIPAC
Coho	catchables	Twin Lakes	SE	Gastineau	Stocking	DIPAC
Pink	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
Pink	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
Chum S	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
Chum S	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
Pink	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
Chum S	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
Coho	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
Pink	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
Chum S	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
Coho	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
Chum S	smolt	Quillian Bay	PWS	Esther Lake	Stocking	PWSAC
Coho	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
Coho	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
Chinook	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
Chinook	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
Chinook	smolt	Port Valdez	PWS	Esther Lake	Stocking	PWSAC
Chinook	smolt	Quillian Bay	PWS	Esther Lake	Stocking	PWSAC
Sockeye	fry	Shoestring Lake	PWS	Esther Lake	Stocking	PWSAC
Sockeye	fry	Solf Lake	PWS	Esther Lake	Stocking	PWSAC
Sockeye	smolt	Main Bay (Eshamy)	PWS	Main Bay	Stocking	PWSAC
Sockeye	smolt	Main Bay (Eyak)	PWS	Main Bay	Stocking	PWSAC
Sockeye	smolt	Main Bay (Coghill)	PWS	Main Bay	Stocking	PWSAC
Sockeye	smolt	Eshamy Lake	PWS	Main Bay	Stocking	PWSAC
Coho	smolt	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
Coho	smolt	Tatitlek Creek	PWS	Solomon Gulch	Stocking	VFDA
Chinook	smolt	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
Sockeye	fry	Summit Lake	PWS	Gulkana I	Stocking	PWSAC
Sockeye	fry	Cross Wind Lake	PWS	Gulkana I	Stocking	PWSAC
Sockeye	fry	Gulkana River	PWS	Gulkana I	Stocking	PWSAC
Sockeye	fry	Gulkana River	PWS	Gulkana II	Stocking	PWSAC
Chinook	fry	Monsoon Lake	PWS	Gulkana II	Stocking	PWSAC

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
Pink	fry	Eklutna	CI	Eklutna	Stocking	CIAA
Chum	fry	Eklutna	CI	Eklutna	Stocking	CIAA
Coho	smolt	Eklutna	CI	Eklutna	Stocking	CIAA
Chinook	smolt	Eklutna	CI	Eklutna	Stocking	CIAA
Coho	smolt	Bear lake	CI	Trail Lakes	Stocking	CIAA
Chinook	smolt	?	CI	Trail Lakes	Stocking	CIAA
Pink	fry	Tutka Lagoon	CI	Tutka	Stocking	CIAA
Pink	fry	Ingram Creek	CI	Tutka	Stocking	CIAA
Pink	fry	Homer Spit	CI	Tutka	Stocking	CIAA
Pink	fry	Halibut Cove	CI	Tutka	Stocking	CIAA
Chum	fry	Tutka Lagoon	CI	Tutka	Stocking	CIAA

DRAFT

Project List for PNP Hatcheries

Southeast Chinook
PWS Pink and Chum
Cook Inlet Sockeye

(INTENSIVELY MODELED PROJECTS)

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
Chinook	✓ smolt ✓	Herring Cove ✓	SE	Whitman Lake ✓	Stocking	SSRAA
Chinook	✓ smolt ✓	Carroll Inlet ✓	SE	Whitman Lake ✓	Stocking	SSRAA
Chinook	0-smolt ✓	Carroll Inlet ✓	SE	Beaver Falls ✓	Stocking	SSRAA
Chinook	✓ smolt ✓	Neets Bay ✓	SE	Neets Bay ✓	Stocking	SSRAA
Chinook	✓ smolt ✓	Bear Cove ✓	SE	Medvejie Creek ✓	Stocking	NSRAA
Chinook	✓ smolt ✓	Kasnyku Bay ✓	SE	Hidden Falls ✓	Stocking	NSRAA
Chinook	✓ smolt ✓	Sitka Sound ✓	SE	Sheldon Jackson College ✓	Stocking	SJC
Chinook	✓ smolt ✓	Burnett Inlet ✓	SE	Burnett Inlet ✓	Stocking	AK AQUA
Chinook	✓ smolt ✓	Port Armstrong ✓	SE	Port Armstrong ✓	Stocking	AKI
Chinook	✓ smolt ✓	Gastineau Channel ✓	SE	Gastineau ✓	Stocking	DIPAC
Chinook	✓ fry ✓	Chilkat River ✓	SE	Gastineau ✓	Stocking	DIPAC
Chinook	✓ smolt ✓	Taiya Inlet ✓	SE	Burro Creek ✓	Stocking	BCF
Pink	✓ fry ✓	Port San Juan ✓	PWS	Armin F. Koernig ✓	Stocking	PWSAC
Pink	✓ fry ✓	Lake Bay ✓	PWS	Esther Lake ✓	Stocking	PWSAC
Pink	✓ fry ✓	Unakwik Inlet ✓	PWS	Cannery Creek ✓	Stocking	PWSAC
Pink	✓ fry ✓	Port Valdez ✓	PWS	Solomon Gulch ✓	Stocking	VFDA
Pink	✓ fry ✓	Boulder Bay ✓	PWS	Solomon Gulch ✓	Stocking	VFDA
Pink	✓ fry ✓	Naked Island ✓	PWS	Solomon Gulch ✓	Stocking	VFDA
Chum	✓ fry ✓	Port San Juan ✓	PWS	Armin F. Koernig ✓	Stocking	PWSAC
Chum	✓ fry ✓	Lake Bay ✓	PWS	Esther Lake ✓	Stocking	PWSAC
Chum	✓ fry ✓	Unakwik Inlet ✓	PWS	Cannery Creek ✓	Stocking	PWSAC
Chum	✓ fry ✓	Port Valdez ✓	PWS	Solomon Gulch ✓	Stocking	VFDA
Sockeye	✓ fry ✓	Packers Lake ✓	CI	Trail Lakes ✓	Stocking	CIAA
Sockeye	✓ fry ✓	Hidden Lake ✓	CI	Trail Lakes ✓	Stocking	CIAA
Sockeye	✓ fry ✓	Bear Lake ✓	CI	Trail Lakes ✓	Stocking	CIAA
Sockeye	✓ fry ✓	Chelatna Lake ✓	CI	Trail Lakes ✓	Stocking	CIAA
Sockeye	✓ fry ✓	Paint River Lakes ✓	CI	Trail Lakes ✓	Stocking	CIAA
Sockeye	✓ 0-smolt ✓	Coal Creek ✓	CI	Trail Lakes ✓	Stocking	CIAA
Sockeye	0-smolt	Thumb Cove	CI	Trail Lakes	Stocking	CIAA

Survey responses for State and/or PNP salmon salmon enhancement Projects

6/19/92

Page 1

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error chxFRED	Valid Proj	PNP/ STATE
BEAVER FALLS HATCHERY											
RED	FRY	BADGER/BAKEWELL	SE	BEAVER FALLS HATCHERY	STOCK/LIMN	N	MIKE HADDIX	Y	Y	Y	S
RED	FRY	HUGH SMITH	SE	BEAVER FALLS HATCHERY	STOCK/LIMN	N	MIKE HADDIX	Y	Y	Y	S
RED	FRY	MARGARET LAKE	SE	BEAVER FALLS HATCHERY	STOCK/LIMN	N	MIKE HADDIX	Y	Y	Y	S
RED	FRY	MCDONALD LAKE	SE	BEAVER FALLS HATCHERY	STOCK/LIMN	N	MIKE HADDIX	Y	Y	N	S
RED	FRY	SALMON LK/KARTA	SE	BEAVER FALLS HATCHERY	STOCK/LIMN	N	MIKE HADDIX	Y	Y	Y	S
RED	FRY	VIRGINIA LAKE	SE	BEAVER FALLS HATCHERY	STOCK/LIMN	N	MIKE HADDIX	Y	Y	Y	S
BIG LAKE HATCHERY											
COHO	1-AG SMOLT	COTTONWOOD CR	CI	BIG LAKE HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S
COHO	1-AG SMOLT	WASILLA CREEK	CI	BIG LAKE HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S
COHO	SMOLT	FISH CREEK SMOLT	CI	BIG LAKE HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S
RED	FRY	ENGLISH BAY	CI	BIG LAKE HATCHERY	STOCK	Y	BILL HAUSER	Y	Y	Y	S
RED	FRY	MEADOW CR. BIG LK, & NCI	CI	BIG LAKE HATCHERY	STOCK	Y	BILL HAUSER	Y	Y	Y	S

6/19/92

Page 2

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error ch	Valid FRED	PMP/ Proj	STATE
BIG LAKE HATCHERY												
RED	FRY	NORTH COOK INLET PROPOSED	CI	BIG LAKE HATCHERY	STOCK	Y	BILL HAUSER	Y	Y	Y	S	3✓
RED	SMOLT	WEST COOK INLET	CI	BIG LAKE HATCHERY	STOCK	Y	BILL HAUSER	Y	Y	Y	S	
CROOKED CR HATCHERY												
COHO	1-AG SMOLT	CROOKED CREEK	CI	CROOKED CR HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S	✓
COHO	FINGERLING	CARIBOU LAKE	CI	CROOKED CR HATCHERY	STOCK	N	BILL HAUSER	Y	Y	N	S	} ✓
COHO	FINGERLING	SELDOVIA LAKE	CI	CROOKED CR HATCHERY	STOCK	N	BILL HAUSER	Y	Y	N	S	
KING	1-AG SMOLT	HOMER SPIT (LATE)	CI	CROOKED CR HATCHERY	STOCK	N	BILL HAUSER	Y	Y	N	S	
KING	1-AG SMOLT	SEWARD (LATE)	CI	CROOKED CR HATCHERY	STOCK	N	BILL HAUSER	Y	Y	N	S	
RED	FRY	BRUIN LAKE	CI	CROOKED CR HATCHERY	STOCK/LIMN	Y	BILL HAUSER	Y	Y	Y	S	
RED	FRY	CHENIK LAKE	CI	CROOKED CR HATCHERY	STOCK/LIMN	Y	BILL HAUSER	Y	Y	Y	S	} ✓
RED	FRY	HAZEL LAKE	CI	CROOKED CR HATCHERY	STOCK/LIMN	Y	BILL HAUSER	Y	Y	Y	S	
RED	FRY	KATCH BAY LAKS (LEISURE)	CI	CROOKED CR HATCHERY	STOCK	Y	BILL HAUSER	Y	Y	Y	S	
RED	FRY	KIRSCHNER LAKE SOCK	CI	CROOKED CR HATCHERY	STOCK/LIMN	Y	BILL HAUSER	Y	Y	Y	S	

6/19/92

Page 3

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error chkf	Valid FRED	PNP/ Proj	STATE
CROOKED CR HATCHERY												
RED	FRY	PORT DICK LAKE	CI	CROOKED CR HATCHERY	STOCK	Y	BILL HAUSER	Y	Y	Y	S	} ✓
RED	FRY	TUSTUMENA LAKE	CI	CROOKED CR HATCHERY	STOCK/LIMN	Y	BILL HAUSER	Y	Y	Y	S	
CRYSTAL LAKE HATCHERY												
COHO	1-AG SMOLT	CRYSTAL CREEK	SE	CRYSTAL LAKE HATCHERY	STOCK	N	BOB ZORICH	Y	Y	Y	S	} ✓
COHO	FRY	CRYSTAL LAKE F PASS REMT.	SE	CRYSTAL LAKE HATCHERY	FPASS	N	BOB ZORICH	Y	Y	Y	S	
KING	1-AG SMOLT	CRYSTAL CREEK	SE	CRYSTAL LAKE HATCHERY	STOCK	Y	BOB ZORICH	Y	Y	Y	S	
KING	1-AG SMOLT	EARL WEST-TRANS SMOLT	SE	CRYSTAL LAKE HATCHERY	STOCK	Y	BOB ZORICH	Y	Y	Y	S	
KING	1-AG SMOLT	OHMER CR	SE	CRYSTAL LAKE HATCHERY	STOCK	Y	BOB ZORICH	Y	Y	Y	S	
KING	FED FRY	FARRAGUT RIVER	SE	CRYSTAL LAKE HATCHERY	STOCK	Y	BOB ZORICH	Y	Y	Y	S	
KING	FED FRY	HARDING RIVER	SE	CRYSTAL LAKE HATCHERY	STOCK	Y	BOB ZORICH	Y	Y	Y	S	
DEER MOUNTAIN HATCHERY												
KING	1-AG SMOLT	B.SALT,KLA,THORNE BAY	SE	DEER MOUNTAIN HATCHERY	STOCK	Y	CAROL DENTON	Y	Y	Y	S	h } ✓

6/19/92

Page 4

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error chk	Valid FRED	PNP/ Proj	STATE
---------	----------------------	------------------	----------------------	-------------------	-----------------	-----------------	----------------	--------	-----------	------------	-----------	-------

DEER MOUNTAIN HATCHERY

DEER MOUNTIAN HATCHERY

COHO	1-AG SMOLT	KETCHIKAN CR	SE	DEER MOUNTIAN HATCHERY	STOCK	N	CAROL DENTON	Y	Y	Y	S
COHO	1-AG SMOLT	MARGARET LAKE	SE	DEER MOUNTIAN HATCHERY	STOCK	N	CAROL DENTON	Y	Y	Y	S
COHO	FINGERLING	REFLECTION LAKE	SE	DEER MOUNTIAN HATCHERY	STOCK	N	CAROL DENTON	Y	Y	Y	S
COHO	PRE-SMOLT	WARD LAKE	SE	DEER MOUNTIAN HATCHERY	STOCK	N	CAROL DENTON	Y	Y	Y	S
KING	1-AG SMOLT	KETCHIKAN CR	SE	DEER MOUNTIAN HATCHERY	STOCK	Y	CAROL DENTON	Y	Y	Y	S

ELMENDORF HATCHERY

COHO	1-AG SMOLT	HOMER SPIT RELEASE	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S
COHO	1-AG SMOLT	LOMELL CR RELEASE	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S
COHO	1-AG SMOLT	SEWARD LAGOON RELEASE	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S
COHO	1-AG SMOLT	SHIP CREEK	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S
KING	0-AG SMOLT	CROOKED CREEK	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S

6/19/92

Page 5

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error ch	Valid FRED	PNP/ Proj	STATE
ELMENDORF HATCHERY												
KING	0-AG SMOLT	EAGLE RIVER	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S	✓
KING	0-AG SMOLT	HALIBUT COVE	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S	✓
KING	0-AG SMOLT	HOMER (EARLY)	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S	
KING	0-AG SMOLT	LOWELL CR (SEWARD EARLY)	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S	
KING	0-AG SMOLT	SELDOVIA BAY	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S	✓
KING	0-AG SMOLT	SEWARD (EARLY)	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S	
KING	0-AG SMOLT	SHIP CREEK	CI	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S	✓
KING	SMOLT	ISLAND LAKE	KOD	ELMENDORF HATCHERY	STOCK	N	BILL HAUSER	Y	Y	(N)	S	
FT RICHARDSON												
COHO	1-AG SMOLT	CASWELL CREEK	CI	FT RICHARDSON	STOCK	N	BILL HAUSER	N	N	Y	S	
COHO	1-AG SMOLT	L SUSITNA RIVER	CI	FT RICHARDSON	STOCK	N	BILL HAUSER	Y	Y	Y	S	
COHO	SMOLT	CORDOVA	PWS	FT RICHARDSON	STOCK	N	BILL HAUSER	N	N	Y	S	
COHO	SMOLT	COVE CREEK (WHITTIER)	PWS	FT RICHARDSON	STOCK	N	BILL HAUSER	N	N	Y	S	

6/19/92

Page 6

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error ch	Valid FRED	PNP/ Proj	STATE
---------	----------------------	------------------	----------------------	-------------------	-----------------	-----------------	----------------	--------	----------	------------	-----------	-------

FT RICHARDSON

KING	0-AG SMOLT	NINILCHICK RIVER	CI	FT RICHARDSON	STOCK	N	BILL HAUSER	Y	Y	N	S	✓
KING	0-AG SMOLT	WILLOW CREEK	CI	FT RICHARDSON	STOCK	N	BILL HAUSER	Y	Y	N	S	✓

GULKANA

KING	FRY	MONSOON LAKE	PWS	GULKANA	STOCK	N	PWS KEN ROBERSON	Y	Y	Y	S	} ✓
RED	FRY	CROSSWIND LAKE	PWS	GULKANA	STOCK	N	PWS KEN ROBERSON	Y	Y	Y	S	
RED	FRY	GULKANA I HATCHERY(PAXON)	PWS	GULKANA	STOCK	N	PWS KEN ROBERSON	Y	Y	Y	S	
RED	FRY	GULKANA II	PWS	GULKANA	STOCK	N	PWS KEN ROBERSON	Y	Y	Y	S	
RED	FRY	SUMMIT LAKE	PWS	GULKANA	STOCK	N	PWS KEN ROBERSON	Y	Y	Y	S	

KITOI BAY HATCHERY

no adult harvest data

CHUM	FINGERLING	KITOI BAY	KOD	KITOI BAY HATCHERY	STOCK	N	LONNIE WHITE	Y	Y	Y	S	} ✓
CHUM	FINGERLING	CRESCENT/HIDDEN LAKE	KOD	KITOI BAY HATCHERY	STOCK	N	LONNIE WHITE	Y	Y	Y	S	
CHUM	FINGERLING	KODIAK LAKES	KOD	KITOI BAY HATCHERY	STOCK	N	LONNIE WHITE	Y	Y	Y	S	

6/19/92

Page 7

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error ch	Valid FRED	PNP/ Proj	STATE
KITOI BAY HATCHERY												
PINK	FED FRY	KITOI BAY FED	KOD	KITOI BAY HATCHERY	STOCK	Y	LONNIE WHITE	Y	Y	(Y)	S	} ✓
RED	0-AG SMOLT	KITOI BAY	KOD	KITOI BAY HATCHERY	STOCK	Y	LONNIE WHITE	Y	Y	(Y)	S	
RED	FRY	KITOI BAY RELS (REMOTE)	KOD	KITOI BAY HATCHERY	STOCK	Y	LONNIE WHITE	Y	Y	(Y)	S	
KLAUOCK												
COHO	FINGERLING	CABLE CR	SE	KLAUOCK	STOCK	N	CAROL DENTON	Y	Y	Y	S	} ✓
COHO	FINGERLING	OLD FRANK'S LAKE	SE	KLAUOCK	STOCK	N	CAROL DENTON	Y	Y	Y	S	
COHO	FINGERLING	THORNE R.	SE	KLAUOCK	STOCK	N	CAROL DENTON	Y	Y	Y	S	
COHO	PRE-SMOLT	KLAUOCK LAKE	SE	KLAUOCK	STOCK	N	CAROL DENTON	Y	Y	Y	S	
RED	FED FRY	KLAUOCK LAKE FED	SE	KLAUOCK	STOCK	N	CAROL DENTON	Y	Y	Y	S	
RED	FRY	KLAUOCK LAKE FRY	SE	KLAUOCK	STOCK	N	CAROL DENTON	Y	Y	Y	S	
KODIAK OFFICE												
RED	REHAB	AFDGNAB REHAB	KOD	KODIAK OFFICE	REHAB	Y	LONNIE WHITE	Y	Y	Y	S	

6/19/92

Page 8

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Completeness	Error chk	Valid FRED Proj	PNP/ STATE
KODIAK OFFICE											
MAIN BAY HATCHERY											
RED	SMOLT	ESHAMY RELEASE	PWS	MAIN BAY HATCHERY	STOCK	N	PWS JOHN MCMULLEN	N	N	Y	P
RED	SMOLT	MAIN BAY RELS (COGHILL)	PWS	MAIN BAY HATCHERY	STOCK	N	PWS JOHN MCMULLEN	N	N	Y	P
RED	SMOLT	MAIN BAY RELS (ESHAMY)	PWS	MAIN BAY HATCHERY	STOCK	N	PWS JOHN MCMULLEN	N	N	Y	P
RED	SMOLT	MAIN BAY RELS (EYAK)	PWS	MAIN BAY HATCHERY	STOCK	N	PWS JOHN MCMULLEN	N	N	Y	P
METLAKATLA											
KING	0-AG SMOLT	TAMGAS CR.	SE	METLAKATLA	STOCK	Y	DAVE HOUSEWORTH	N	N	Y	P
KING	1-AG SMOLT	TAMGAS CR.	SE	METLAKATLA		Y	DAVE HOUSEWORTH		N	Y	P
PILLAR CR HATCHERY											
RED	FED FRY	PILLAR CR RELEASE	KOD	PILLAR CR HATCHERY	STOCK	Y	LONNIE WHITE	Y	Y	Y	S
RED	FED FRY	SPIRIDON L (KOD) RELEASE	KOD	PILLAR CR HATCHERY	STOCK	Y	LONNIE WHITE	Y	Y	Y	S

6/19/92

Page 9

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error chxFRED	Valid Proj	PNP/ STATE
---------	----------------------	------------------	----------------------	-------------------	-----------------	-----------------	----------------	--------	---------------	------------	------------

PILLAR CR HATCHERY

RED	FRY	MALINA LAKE REHAB	KOD	PILLAR CR HATCHERY	STOCK/LIMN	Y	LONNIE WHITE	Y	Y	Y	S
-----	-----	-------------------	-----	--------------------	------------	---	--------------	---	---	---	---

RUSSELL CR HATCHERY

CHUM	FED FRY	RUSSELL CR CHUM	KOD	RUSSELL CR HATCHERY	STOCK	N	BUTCH COBB	Y	Y	Y	S
COHO	SMOLT	RUSSELL CR RELEASE COHO	KOD	RUSSELL CR HATCHERY	STOCK	N	BUTCH COBB	Y	Y	Y	S
PINK	FRY	RUSSELL CR PINK	KOD	RUSSELL CR HATCHERY	STOCK	N	BUTCH COBB	Y	Y	Y	S
RED	FED FRY	RUSS. CR MORTENSENS L RED	KOD	RUSSELL CR HATCHERY	STOCK	N	BUTCH COBB	Y	Y	Y	S

SIKUSUILAQ HATCHERY

CHUM	FRY	NOAKAK RIVER	I/AYK	SIKUSUILAQ HATCHERY	STOCK	N	BILL HAUSER	Y	Y	Y	S
------	-----	--------------	-------	---------------------	-------	---	-------------	---	---	---	---

SNETTISHAM

KING	1-AG SMOLT	DEEP COVE	SE	SNETTISHAM	STOCK	Y	RON JOSEPHSON	Y	Y	Y	S
KING	1-AG SMOLT	JUNEAU (REMOTE)	SE	SNETTISHAM	STOCK	Y	RON JOSEPHSON	Y	Y	Y	S

6/19/92

Page 10

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Completeness	Error checked	Valid Proj	PNP/STATE
SNETTISHAM											
RED	1-AG SMOLT	GILBERT BAY	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	1-AG SMOLT	SNETT HATCH BROOD	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	EMERG FRY	CRESENT LAKE/PORT SNETT	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	EMERG FRY	SWEETHEART LAKE	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	EMERG FRY	TATSAMENIE LAKE (TAKU)	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	EMERG FRY	TRAPPER	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	EMERG FRY	TUYA LAKE/STIKINE	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S
RED	FRY	SPEEL LAKE	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	N	N	Y	S
RED	FRY	TANLTAN	SE	SNETTISHAM	STOCK	N	RON JOSEPHSON	Y	Y	Y	S

TUTKA BAY HATCHERY

COHO	FRY	TUTKA	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P
PINK	FRY	FED IN HALIBUT COVE	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P
PINK	FRY	FED IN HOMER SPIT	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P

CIAA

6/19/92

Page 11

Species	Lifestage at release	Release location	Region of Production	Hatchery Involved	Type of Project	Intense Modeled	Filled out by:	Comple	Error chkFRED	Valid Proj	PNP/ STATE
TUTKA BAY HATCHERY											
PINK	FRY	INGRAM CREEK	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P
PINK	FRY	TUTKA BAY FED	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P
PINK	FRY	TUTKA BAY UNFED	CI	TUTKA BAY HATCHERY	STOCK	N	BILL HAUSER	N	N	Y	P

CIAA

Cost Survey Name	Project Number
PWSAC	49-61, 125-127
SSRAA	1-10, 114-116
Burro Creek	43-45, 124
CIAA-Tutka	65-66
CIAA-Eklutna	64, 140
CIAA-Trails Lake	133-139
NSRAA-Port Camden	28-29
NSRAA-Medvejie Creek	19-24, 117
NSRAA-Hidden Falls	25-27, 118
KNFC	39-42
AK Aqua	11-15, 120
Dipac	33-38, 122-123
Gulkana I & II	88-92
I/AYK	105
Kitoi	93-94, 157-160
Ft. Richardson	87
Deer Mountain	78-81, 156
Snettisham	106-113, 166-167
Crooked Creek	75, 145-150
Port Armstrong/Armstrong-Keta	46-48, 121
Sheldon Jackson	30-32, 119
Klawock	95-100
Big Lake	72-74, 141-144
Elmendorf	82-86
Pillar Creek	160, 163-165

PROJECT #	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
Project List for PNP Hatcheries							
(NON-INTENSIVELY MODELED PROJECTS)							
SE - Pink, Chum, Coho, Sockeye							
CI - Pink, Chum, Chinook, Coho							
						TYPE	
PROJECT #	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
1	Chum S	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
2	Chum F	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
3	Chum S	fry	Kendrick Bay	SE	Whitman Lake	Stocking	SSRAA
4	Chum S	fry	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
5	Coho	smolt	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
6	Coho	smolt	Neets Bay	SE	Whitman Lake	Stocking	SSRAA
7	Coho	smolt	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
8	Coho	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
9	Chum S	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
10	Chum F	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
	Coho	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
	Sockeye	0-smolt	George Inlet	SE	Beaver Falls	Stocking	SSRAA
	Sockeye	0-smolt	Shrimp Bay	SE	Beaver Falls	Stocking	SSRAA
11	Pink	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
12	Pink	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
13	Chum S	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
14	Chum S	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
15	Coho	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
16	Coho	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
17	Coho	smolt	Bailey Bay	SE	Bell Island	Stocking	AMERAQUA
18	Steelhead	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
19	Chum S	fry	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
20	Chum S	fry	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
21	Coho	fry	Deer Lake	SE	Medvejie Creek	Stocking	NSRAA
22	Coho	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
23	Coho	smolt	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
24	Coho	smolt	Shamrock Bay	SE	Medvejie Creek	Stocking	NSRAA
25	Chum S	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
26	Chum S	fry	Takatz Bay	SE	Hidden Falls	Stocking	NSRAA
27	Coho	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
28	Chum F	fry	East Camden	SE	Port Camden	Stocking	NSRAA
29	Chum F	fry	West Camden	SE	Port Camden	Stocking	NSRAA
30	Pink	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
31	Chum S	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
32	Coho	smolt	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
33	Chum S	fry	Boat Harbor	SE	Gastineau	Stocking	DIPAC
34	Chum S	fry	Limestone Inlet	SE	Gastineau	Stocking	DIPAC
37	Coho	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
38	Coho	smolt	Sheep Creek	SE	Gastineau	Stocking	DIPAC
39	Pink	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
40	Pink	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
41	Chum S	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
42	Chum S	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
43	Pink	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
44	Chum S	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
45	Coho	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
46	Pink	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
47	Chum F	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
48	Coho	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
49	Coho	smolt	Quillian Bay	PWS	Esther Lake	Stocking	PWSAC
50	Coho	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
51	Coho	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
52	Chinook	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
53	Chinook	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
54	Chinook	smolt	Port Valdez	PWS	Esther Lake	Stocking	PWSAC
55	Chinook	smolt	Quillian Bay	PWS	Esther Lake	Stocking	PWSAC
56	Chum	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC

PROJECT #	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	PROJECT	OPERATOR
57	Sockeye	smolt	Coghill River/Lake	PWS	Main Bay	Stocking	PWSAC
58	Sockeye	smolt	Main Bay (Eshamy)	PWS	Main Bay	Stocking	PWSAC
59	Sockeye	smolt	Main Bay (Eyak)	PWS	Main Bay	Stocking	PWSAC
60	Sockeye	smolt	Main Bay (Coghill)	PWS	Main Bay	Stocking	PWSAC
61	Sockeye	smolt	Eshamy Lake	PWS	Main Bay	Stocking	PWSAC
62	Coho	smolt	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
	Coho	smolt	Tatitlek Creek	PWS	Solomon Gulch	Stocking	VFDA
	Sockeye	fry	Summit Lake	PWS	Gulkana I	Stocking	PWSAC
	Sockeye	fry	Cross Wind Lake	PWS	Gulkana I	Stocking	PWSAC
	Sockeye	fry	Gulkana River	PWS	Gulkana I	Stocking	PWSAC
	Sockeye	fry	Gulkana River	PWS	Gulkana II	Stocking	PWSAC
	Chinook	fry	Monsoon Lake	PWS	Gulkana II	Stocking	PWSAC
64	Coho	smolt	Eklutna	CI	Eklutna	Stocking	CIAA
65	Pink	fry	Tutka Lagoon	CI	Tutka	Stocking	CIAA
66	Pink	fry	Halibut Cove	CI	Tutka	Stocking	CIAA

Southeast Chinook
PWS Pink and Chum
Cook Inlet Sockeye

(INTENSIVELY MODELED PROJECTS)

114	Chinook	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
115	Chinook	smolt	Carroll Inlet	SE	Whitman Lake	Stocking	SSRAA
116	Chinook	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
117	Chinook	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
118	Chinook	smolt	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
119	Chinook	smolt	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
120	Chinook	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AK AQUA
121	Chinook	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
122	Chinook	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
123	Chinook	fry	Chilkat River	SE	Gastineau	Stocking	DIPAC
124	Chinook	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
125	Pink	fry	Port San Juan	PWS	Armin F. Koernig	Stocking	PWSAC
126	Pink	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
127	Pink	fry	Unakwik Inlet	PWS	Cannery Creek	Stocking	PWSAC
128	Pink	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
129	Pink	fry	Boulder Bay	PWS	Solomon Gulch	Stocking	VFDA
130	Pink	fry	Naked Island	PWS	Solomon Gulch	Stocking	VFDA
131	Chum	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
132	Chum	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
133	Sockeye	fry	Packers Lake	CI	Trail Lakes	Stocking	CIAA
134	Sockeye	fry	Hidden Lake	CI	Trail Lakes	Stocking	CIAA
135	Sockeye	fry	Bear Lake	CI	Trail Lakes	Stocking	CIAA
136	Sockeye	smolt	Bear Lake	CI	Trail Lakes	Stocking	CIAA
137	Sockeye	fry	Chelatna Lake	CI	Trail Lakes	Stocking	CIAA
138	Sockeye	0-smolt	Coal Creek	CI	Trail Lakes	Stocking	CIAA
139	Sockeye	0-smolt	Thumb Cove	CI	Trail Lakes	Stocking	CIAA
140	Sockeye	1-smolt	Eklutna	CI	Eklutna	Stocking	CIAA

STATE INTENSE AND

SELY MODELLED PROJECTS

PROJECT #	Species	Lifestage at RELEASE	Release location	Prod. Region	Hatchery Involved	Intensely Modeled	Filled out by:	State/ PNP
67	RED	FRY	HUGH SMITH	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	
68	RED	FRY	MARGARET LAKE	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
69	RED	FRY	VIRGINIA LAKE	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
70	RED	FRY	SALMON LK/KARTA	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
71	RED	FRY	BADGER/BAKEWELL	SE	BEAVER FALLS HATCHERY	N	MIKE HADDIX	S
72	COHO	1-AG SMOLT	WASSILA CREEK	CI	BIG LAKE HATCHERY	N	BILL HAUSER	S
73	COHO	1-AG SMOLT	COTTONWOOD CR	CI	BIG LAKE HATCHERY	N	BILL HAUSER	S
74	COHO	SMOLT	FISH CREEK SMOLT	CI	BIG LAKE HATCHERY	N	BILL HAUSER	S
75	COHO	1-AG SMOLT	CROOKED CREEK	CI	CROOKED CR HATCHERY	N	BILL HAUSER	S
76	COHO	FRY	CRYSTAL LAKE F PASS REMT.	SE	CRYSTAL LAKE HATCHERY	N	BOB ZORICH	S
77	COHO	1-AG SMOLT	CRYSTAL CREEK	SE	CRYSTAL LAKE HATCHERY	N	BOB ZORICH	S
78	COHO	1-AG SMOLT	KETCHIKAN CR	SE	DEER MOUNTIAN HATCHERY	N	CAROL DENTON	S
79	COHO	FINGERLING	REFLECTION LAKE	SE	DEER MOUNTIAN HATCHERY	N	CAROL DENTON	S
80	COHO	PRE-SMOLT	WARD LAKE	SE	DEER MOUNTIAN HATCHERY	N	CAROL DENTON	S
81	COHO	1-AG SMOLT	MARGARET LAKE	SE	DEER MOUNTIAN HATCHERY	N	CAROL DENTON	S
82	KING	0-AG SMOLT	SHIP CREEK	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
83	COHO	1-AG SMOLT	SHIP CREEK	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
84	KING	0-AG SMOLT	EAGLE RIVER	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
85	KING	0-AG SMOLT	HALIBUT COVE	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
86	KING	0-AG SMOLT	SELDOVIA BAY	CI	ELMENDORF HATCHERY	N	BILL HAUSER	S
87	COHO	1-AG SMOLT	L SUSITNA RIVER	CI	FT RICHARDSON	N	BILL HAUSER	S
88	RED	FRY	GULKANA II	PWS	GULKANA	N	PWS KEN ROBERSON	S
89	RED	FRY	SUMMIT LAKE	PWS	GULKANA	N	PWS KEN ROBERSON	S
90	RED	FRY	CROSSWIND LAKE	PWS	GULKANA	N	PWS KEN ROBERSON	S
91	KING	FRY	MONSOON LAKE	PWS	GULKANA	N	PWS KEN ROBERSON	S
92	RED	FRY	GULKANA I HATCHERY(PAXON)	PWS	GULKANA	N	PWS KEN ROBERSON	S
93	COHO	FINGERLING	CRESCENT/HIDDEN LAKE	KOD	KITOI BAY HATCHERY	N	LONNIE WHITE	S
94	CHUM	FINGERLING	KITOI BAY	KOD	KITOI BAY HATCHERY	N	LONNIE WHITE	S
95	RED	FED FRY	KLAWOCK LAKE FED	SE	KLAWOCK	N	CAROL DENTON	S
96	COHO	PRE-SMOLT	KLAWOCK LAKE	SE	KLAWOCK	N	CAROL DENTON	S
97	COHO	FINGERLING	CABLE CR	SE	KLAWOCK	N	CAROL DENTON	S
98	COHO	FINGERLING	OLD FRANK'S LAKE	SE	KLAWOCK	N	CAROL DENTON	S
99	COHO	FINGERLING	THORNE R.	SE	KLAWOCK	N	CAROL DENTON	S
100	RED	FRY	KLAWOCK LAKE FRY	SE	KLAWOCK	N	CAROL DENTON	S
PWSAC	RED	SMOLT	MAIN BAY RELS (EYAK)	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
PWSAC	RED	SMOLT	ESHAMY RELEASE	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
PWSAC	RED	SMOLT	MAIN BAY RELS (ESHAMY)	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
PWSAC	RED	SMOLT	MAIN BAY RELS (COGHILL)	PWS	MAIN BAY HATCHERY	N	PWS JOHN MCMULLEN	P
101	CHUM	FED FRY	RUSSELL CR CHUM	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
102	COHO	SMOLT	RUSSELL CR RELEASE COHO	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
103	RED	FED FRY	RUSS. CR MORTENSENS L RED	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
104	PINK	FRY	RUSSELL CR PINK	KOD	RUSSELL CR HATCHERY	N	BUTCH COBB	S
105	CHUM	FRY	NOAKAK RIVER	I/AYK	SIKUSUILAQ HATCHERY	N	BILL HAUSER	S
106	RED	EMERG FRY	TUYA LAKE/STIKINE	SE	SNETTISHAM	N	RON JOSEPHSON	S

STATE INTENSE AND NON-INTENSELY MODELLED PROJECTS

PROJECT #	Species	Lifestage at RELEASE	Release location	Prod. Region	Hatchery Involved	Intensely Modeled	Filled out by:	State/ PNP
107	RED	EMERG FRY	SWEETHEART LAKE	SE	SNETTISHAM	N	RON JOSEPHSON	S
108	RED	FRY	TAHLTAN	SE	SNETTISHAM	N	RON JOSEPHSON	S
109	RED	EMERG FRY	TATSAMENIE LAKE (TAKU)	SE	SNETTISHAM	N	RON JOSEPHSON	S
110	RED	EMERG FRY	CRESENT LAKE/PORT SNETT	SE	SNETTISHAM	N	RON JOSEPHSON	S
111	RED	1-AG SMOLT	SNETT HATCH BROOD	SE	SNETTISHAM	N	RON JOSEPHSON	S
112	RED	EMERG FRY	TRAPPER	SE	SNETTISHAM	N	RON JOSEPHSON	S
113	RED	1-AG SMOLT	GILBERT BAY	SE	SNETTISHAM	N	RON JOSEPHSON	S
CIAA	PINK	FRY	TUTKA BAY UNFED	CI	TUTKA BAY HATCHERY	N	BILL HAUSER	P
CIAA	COHO	FRY	TUTKA	CI	TUTKA BAY HATCHERY	N	BILL HAUSER	P
CIAA	PINK	FRY	FED IN HALIBUT COVE	CI	TUTKA BAY HATCHERY	N	BILL HAUSER	P
CIAA	PINK	FRY	INGRAM CREEK	CI	TUTKA BAY HATCHERY	N	BILL HAUSER	P
CIAA	PINK	FRY	FED IN HOMER SPIT	CI	TUTKA BAY HATCHERY	N	BILL HAUSER	P
CIAA	PINK	FRY	TUTKA BAY FED	CI	TUTKA BAY HATCHERY	N	BILL HAUSER	P
141	RED	SMOLT	WEST COOK INLET	CI	BIG LAKE HATCHERY	Y	BILL HAUSER	S
142	RED	FRY	MEADOW CR. BIG LK, & NCI	CI	BIG LAKE HATCHERY	Y	BILL HAUSER	S
143	RED	FRY	ENGLISH BAY	CI	BIG LAKE HATCHERY	Y	BILL HAUSER	S
144	RED	FRY	NORTH COOK INLET PROPOSED	CI	BIG LAKE HATCHERY	Y	BILL HAUSER	S
145	RED	FRY	BRUIN LAKE	CI	CROOKED CR HATCHERY	Y	BILL HAUSER	S
146	RED	FRY	CHENIK LAKE	CI	CROOKED CR HATCHERY	Y	BILL HAUSER	S
147	RED	FRY	KATCH BAY LAKS (LEISURE)	CI	CROOKED CR HATCHERY	Y	BILL HAUSER	S
148	RED	FRY	KIRSCHNER LAKE SOCK	CI	CROOKED CR HATCHERY	Y	BILL HAUSER	S
149	RED	FRY	TUSTUMENA LAKE	CI	CROOKED CR HATCHERY	Y	BILL HAUSER	S
150	RED	FRY	HAZEL LAKE	CI	CROOKED CR HATCHERY	Y	BILL HAUSER	S
151	KING	1-AG SMOLT	CRYSTAL CREEK	SE	CRYSTAL LAKE HATCHERY	Y	BOB ZORICH	S
152	KING	1-AG SMOLT	EARL WEST-TRANS SMOLT	SE	CRYSTAL LAKE HATCHERY	Y	BOB ZORICH	S
153	KING	FED FRY	FARRAGUT RIVER	SE	CRYSTAL LAKE HATCHERY	Y	BOB ZORICH	S
154	KING	FED FRY	HARDING RIVER	SE	CRYSTAL LAKE HATCHERY	Y	BOB ZORICH	S
155	KING	1-AG SMOLT	OHMER CR	SE	CRYSTAL LAKE HATCHERY	Y	BOB ZORICH	S
156	KING	1-AG SMOLT	KETCHIKAN CR	SE	DEER MOUNTAIN HATCHERY	Y	CAROL DENTON	S
157	RED	0-AG SMOLT	KITOI BAY	KOD	KITOI BAY HATCHERY	Y	LONNIE WHITE	S
158	PINK	FED FRY	KITOI BAY FED	KOD	KITOI BAY HATCHERY	Y	LONNIE WHITE	S
159	RED	FRY	KITOI BAY RELS (REMOTE)	KOD	KITOI BAY HATCHERY	Y	LONNIE WHITE	S
160	RED	REHAB	AFOGNAK REHAB	KOD	KODIAK OFFICE	Y	LONNIE WHITE	S
161	KING	1-AG SMOLT	TAMGAS CR.	SE	METLAKATLA	Y	DAVE HOUSEWORTH	P
162	KING	0-AG SMOLT	TAMGAS CR.	SE	METLAKATLA	Y	DAVE HOUSEWORTH	P
163	RED	FED FRY	SPIRIDON L (KOD) RELEASE	KOD	PILLAR CR HATCHERY	Y	LONNIE WHITE	S
164	RED	FRY	MALINA LAKE REHAB	KOD	PILLAR CR HATCHERY	Y	LONNIE WHITE	S
165	RED	FED FRY	PILLAR CR RELEASE	KOD	PILLAR CR HATCHERY	Y	LONNIE WHITE	S
166	KING	1-AG SMOLT	DEEP COVE	SE	SNETTISHAM	Y	RON JOSEPHSON	S
167	KING	1-AG SMOLT	JUNEAU (REMOTE)	SE	SNETTISHAM	Y	RON JOSEPHSON	S

PNP COST DATA

PNP COST DATA

FACILITY	FISCAL YEAR FACILITY	FISCAL YEAR	C OPERATING	C CONSTRUCT	C % COMM.	C % SPORT	C % COST RECOV.
----------	----------------------	-------------	-------------	-------------	-----------	-----------	-----------------

Enhance A

" B

" C

PNP COST DATA

FACILITY	FISCAL YEAR	C MGMT COST	P OPERATING	P CONSTRUCT	P % COMM.	P % SPORT	P % COST RECOV.	P MGMT COST
----------	-------------	-------------	-------------	-------------	-----------	-----------	-----------------	-------------

PNP COST DATA

FACILITY	FISCAL YEAR	-PINK OPERATING	-PINK CONSTRUCT	-PINK % COMM.	-PINK % SPORT	-PINK % COST RECOV.	-PINK MGMT COST
----------	-------------	-----------------	-----------------	---------------	---------------	---------------------	-----------------

PNP COST DATA

FACILITY	FISCAL YEAR	-CHUM OPERATING	-CHUM CONSTRUCT	-CHUM % COMM.	-CHUM % SPORT	-CHUM % COST RECOV.
----------	-------------	-----------------	-----------------	---------------	---------------	---------------------

PNP COST DATA

FACILITY	FISCAL YEAR	-CHUM MGMT COST	-SOCKEYE OPERATING	-SOCKEYE CONSTRUCT	-SOCKEYE % COMM.	-SOCKEYE % SPORT
----------	-------------	-----------------	--------------------	--------------------	------------------	------------------

PNP COST DATA

FACILITY	FISCAL YEAR	- SOCKEYE % COST RECOV.	- SOCKEYE MGMT COST	- COHO OPERATING	- COHO CONSTRUCT	- COHO % COMM.
----------	-------------	-------------------------	---------------------	------------------	------------------	----------------

PNP COST DATA

FACILITY	FISCAL YEAR	-COHO % SPORT	-COHO % COST RECOV.	-COHO MGMT COST	-CHIN OPERATING	-CHIN CONSTRUCT
----------	-------------	---------------	---------------------	-----------------	-----------------	-----------------

PNP COST DATA

FACILITY	FISCAL YEAR	-CHIN % COMM.	-CHIN % SPORT	-CHIN % COST RECOV.	-CHIN MGMT COST	+PINK OPERATING
----------	-------------	---------------	---------------	---------------------	-----------------	-----------------

PNP COST DATA

FACILITY	FISCAL YEAR	+PINK CONSTRUCT	+PINK % COMM.	+PINK % SPORT	+PINK % COST RECOV.	+PINK MGMT COST
----------	-------------	-----------------	---------------	---------------	---------------------	-----------------

PNP COST DATA

FACILITY	FISCAL YEAR	+CHUM OPERATING	+CHUM CONSTRUCT	+CHUM % COMM.	+CHUM % SPORT	+CHUM % COST RECOV.
----------	-------------	-----------------	-----------------	---------------	---------------	---------------------

PNP COST DATA

FACILITY	FISCAL YEAR	+CHUM MGMT COST	+SCKEYE OPERATING	+SCKEYE CONSTRUCT	+SCKEYE % COMM.	+SCKEYE % SPORT
----------	-------------	-----------------	-------------------	-------------------	-----------------	-----------------

PNP COST DATA

FACILITY	FISCAL YEAR	+SCKEYE % COST RECOV.	+SCKEYE MGMT COST	+COHO OPERATING	+COHO CONSTRUCT	+COHO % COMM.
----------	-------------	-----------------------	-------------------	-----------------	-----------------	---------------

PNP COST DATA

FACILITY	FISCAL YEAR	+COHO % SPORT	+COHO % COST RECOV.	+COHO MGMT COST	+CHIN OPERATING	+CHIN CONSTRUCT
----------	-------------	---------------	---------------------	-----------------	-----------------	-----------------

PNP COST DATA

FACILITY	FISCAL YEAR	+CHIN % COMM.	+CHIN % SPORT	+CHIN % COST RECOV.	+CHIN MGMT COST
----------	-------------	---------------	---------------	---------------------	-----------------

INTENSE PRODUCTION

PROJECT YEAR PNP	C#EGGS (MILLIONS)	P#EGGS (MILLIONS)	C#RELEASES (MILLIONS)	P#RELEASES (MILLIONS)	C ADULT RETURNS	P ADULT RETURNS	C DISTRICT1#
---------------------	----------------------	----------------------	--------------------------	--------------------------	-----------------	-----------------	--------------

intense	A
"	B
"	C
"	D
"	E
"	F

(intensely modeled
enhance production)

C#FISH 1

C DISTRICT2#

C#FISH 2

C DISTRICT3#

C#FISH 3

C MAY

C JUNE

C JULY

C AUG

C SEPT

C OCT

C NOV+

P DISTRICT1#

P#FISH 1

P DISTRICT2#

P#FISH 2

P DISTRICT3#

P#FISH 3

P MAY

P JUNE

P JULY

P AUG

P SEPT

P OCT

P NOV+

C SPORT HARV

P SPORT HARV

C COST RECOV

P COST RECOV

NON-INTENSE PRODUCTION

PROJECT	YEAR	C#EGGS (MILLIONS)	P#EGGS (MILLIONS)	C#RELEASES (MILLIONS)	P#RELEASES (MILLIONS)	C ADULT RETURNS	P ADULT RETURNS	C COMM HARV	P COMM HARV
---------	------	----------------------	----------------------	--------------------------	--------------------------	-----------------	-----------------	-------------	-------------

nonintense A
 " B
 " C
 " D
 " E

C SPORT HARV P SPORT HARV C COST RECOV P COST RECOV

received

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
---------	-----------	--------------	--------	----------	--------------	----------

Project List for PNP Hatcheries

Southeast Chinook
PWS Pink and Chum
Cook Inlet Sockeye

(INTENSIVELY MODELED PROJECTS)

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
Chinook	age-1 smolt	Little port walter	SE	L. Hue port walter		
Chinook	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
Chinook	smolt	Carroll Inlet	SE	Whitman Lake	Stocking	SSRAA
Chinook	0-smolt	Carroll Inlet	SE	Beaver Falls	Stocking	SSRAA
Chinook	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
Chinook	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
Chinook	smolt	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
Chinook	smolt	Sitka Sound	SE	Sheldon Jackson College	Stocking	SJC
Chinook	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AK AQUA
Chinook	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
Chinook	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
Chinook	fry	Chilkat River	SE	Gastineau	Stocking	DIPAC
Chinook	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
Pink	fry	Port San Juan	PWS	Armin F. Koernig	Stocking	PWSAC
Pink	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
Pink	fry	Unakwik Inlet	PWS	Cannery Creek	Stocking	PWSAC
Pink	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
Pink	fry	Boulder Bay	PWS	Solomon Gulch	Stocking	VFDA
Pink	fry	Naked Island	PWS	Solomon Gulch	Stocking	VFDA
Chum	fry	Port San Juan	PWS	Armin F. Koernig	Stocking	PWSAC
Chum	fry	Lake Bay	PWS	Esther Lake	Stocking	PWSAC
Chum	fry	Unakwik Inlet	PWS	Cannery Creek	Stocking	PWSAC
Chum	fry	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
Sockeye	fry	Packers Lake ✓	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Hidden Lake ✓	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Bear Lake ✓	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Chelona Lake ✓	CI	Trail Lakes	Stocking	CIAA
Sockeye	fry	Paint River Lakes	CI	Trail Lakes	Stocking	CIAA
Sockeye	0-smolt	Coal Creek ✓	CI	Trail Lakes	Stocking	CIAA
Sockeye	0-smolt	Thumb Cove ✓	CI	Trail Lakes	Stocking	CIAA
"	"	Eklutna	"	Eklutna	"	"

(NON-INTENSIVELY MODELED PROJECTS)

SE - Pink, Chum, Coho, Sockeye
PWS - Coho, Chinook, Sockeye
CI - Pink, Chum, Chinook, Coho

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
Chum S	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
---------	-----------	--------------	--------	----------	--------------	----------

2/5	Chum F	fry	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
3/5	Chum S	fry	Kendrick Bay	SE	Whitman Lake	Stocking	SSRAA
4/5	Chum S	fry	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
5/5	Coho	smolt	Naket Inlet	SE	Whitman Lake	Stocking	SSRAA
6/5	Coho	smolt	Neets Bay	SE	Whitman Lake	Stocking	SSRAA
7/5	Coho	smolt	Earl West Cove	SE	Whitman Lake	Stocking	SSRAA
8/5	Coho	smolt	Herring Cove	SE	Whitman Lake	Stocking	SSRAA
9/5	Chum S	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
10/5	Chum F	fry	Neets Bay	SE	Neets Bay	Stocking	SSRAA
11/5	Coho	smolt	Neets Bay	SE	Neets Bay	Stocking	SSRAA
12/5	Sockeye	0-smolt	George Inlet	SE	Beaver Falls	Stocking	SSRAA
13/5	Sockeye	0-smolt	Shrimp Bay	SE	Beaver Falls	Stocking	SSRAA
14	Pink	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
15	Pink	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
16	Chum S	fry	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
17	Chum S	fry	Anita Bay	SE	Burnett Inlet	Stocking	AAI
18	Coho	smolt	Burnett Inlet	SE	Burnett Inlet	Stocking	AAI
19	Coho	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
20	Coho	smolt	Bailey Bay	SE	Bell Island	Stocking	AMERAQUA
21	Steelhead	smolt	Bell Island	SE	Bell Island	Stocking	AMERAQUA
22	Chum S	fry	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
23	Chum S	fry	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
24	Coho	fry	Deer Lake	SE	Medvejie Creek	Stocking	NSRAA
25	Coho	fry	Patterson Bay Lakes	SE	Medvejie Creek	Stocking	NSRAA
26	Coho	fry	Kruzof Lakes	SE	Medvejie Creek	Stocking	NSRAA
27	Coho	smolt	Bear Cove	SE	Medvejie Creek	Stocking	NSRAA
28	Coho	smolt	Deep Inlet	SE	Medvejie Creek	Stocking	NSRAA
29	Coho	smolt	Shamrock Bay	SE	Medvejie Creek	Stocking	NSRAA
30	Chum S	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
31	Chum S	fry	Takatz Bay	SE	Hidden Falls	Stocking	NSRAA
32	Coho	fry	Kasnyku Bay	SE	Hidden Falls	Stocking	NSRAA
33	Chum F	fry	East Camden	SE	Port Camden	Stocking	NSRAA
34	Chum F	fry	West Camden	SE	Port Camden	Stocking	NSRAA
35	Pink	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
36	Chum S	fry	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
37	Coho	smolt	Sitka Sound	SE	Sheldon Jackson	Stocking	SJC
38	Pink	fry	Sheep Creek	SE	Sheep Creek	Stocking	DIPAC
39	Chum S	fry	Sheep Creek	SE	Sheep Creek	Stocking	DIPAC
40	Coho	smolt	Sheep Creek	SE	Sheep Creek	Stocking	DIPAC
41	Pink	fry	Sheep Creek	SE	Gastineau	Stocking	DIPAC
42	Pink	fry	Gastineau Channel	SE	Gastineau	Stocking	DIPAC

	SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
C.R.	Chum S	fry	Sheep Creek	SE	Gastineau	Stocking	DIPAC
C.R.	Chum S	fry	Gastineau	SE	Gastineau	Stocking	DIPAC
C.R.	Chum S	fry	Amalga Harbor	SE	Gastineau	Stocking	DIPAC
33	Chum S	fry	Boat Harbor	SE	Gastineau	Stocking	DIPAC
34	Chum S	fry	Limestone Inlet	SE	Gastineau	Stocking	DIPAC
35	Chum S	fry	Sullivan Island	SE	Gastineau	Stocking	DIPAC
36	Chum S	fry	William Henry Bay	SE	Gastineau	Stocking	DIPAC
38	Coho	smolt	Gastineau Channel	SE	Gastineau	Stocking	DIPAC
39	Coho	smolt	Sheep Creek	SE	Gastineau	Stocking	DIPAC
40	Coho	catchables	Twin Lakes	SE	Gastineau	Stocking	DIPAC
37	Pink	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
40	Pink	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
41	Chum S	fry	Gunnuk Creek	SE	Gunnuk Creek	Stocking	KNFC
42	Chum S	fry	Southeast Cove	SE	Gunnuk Creek	Stocking	KNFC
43	Pink	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
44	Chum S	fry	Taiya Inlet	SE	Burro Creek	Stocking	BCF
45	Coho	smolt	Taiya Inlet	SE	Burro Creek	Stocking	BCF
	Pink	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
	Chum F	fry	Port Armstrong	SE	Port Armstrong	Stocking	AKI
	Coho	smolt	Port Armstrong	SE	Port Armstrong	Stocking	AKI
✓	Coho	smolt	Quilliam Bay	PWS	Esther Lake	Stocking	PWSAC
✓	Coho	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
✓	Coho	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
✓	Chinook	smolt	Fleming Spit	PWS	Esther Lake	Stocking	PWSAC
✓	Chinook	smolt	Whittier	PWS	Esther Lake	Stocking	PWSAC
✓	Chinook	smolt	Port Valdez	PWS	Esther Lake	Stocking	PWSAC
✓	Chinook	smolt	Quilliam Bay	PWS	Esther Lake	Stocking	PWSAC
✓	Sockeye	fry	Shoestring Lake	PWS	Esther Lake	Stocking	PWSAC
✓	Sockeye	fry	Wolf Lake	PWS	Esther Lake	Stocking	PWSAC
✓	Sockeye	smolt	Main Bay (Eshamy)	PWS	Main Bay	Stocking	PWSAC
✓	Sockeye	smolt	Main Bay (Eyak)	PWS	Main Bay	Stocking	PWSAC
✓	Sockeye	smolt	Main Bay (Coghill)	PWS	Main Bay	Stocking	PWSAC
✓	Sockeye	smolt	Eshamy Lake	PWS	Main Bay	Stocking	PWSAC
✓	Coho	smolt	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
✓	Coho	smolt	Tatitlek Creek	PWS	Solomon Gulch	Stocking	VFDA
✓	Chinook	smolt	Port Valdez	PWS	Solomon Gulch	Stocking	VFDA
✓	Sockeye	fry	Summit Lake	PWS	Gulkana I	Stocking	PWSAC
✓	Sockeye	fry	Cross Wind Lake	PWS	Gulkana I	Stocking	PWSAC
✓	Sockeye	fry	Gulkana River	PWS	Gulkana I	Stocking	PWSAC
✓	Sockeye	fry	Gulkana River	PWS	Gulkana II	Stocking	PWSAC
✓	Chinook	fry	Monsoon Lake	PWS	Gulkana II	Stocking	PWSAC

by
state,
not
PWSAC

SPECIES	LIFESTAGE	RELEASE SITE	REGION	HATCHERY	TYPE PROJECT	OPERATOR
---------	-----------	--------------	--------	----------	--------------	----------

<i>disc</i> → Pink	fry	Eklutna	CI	Eklutna	Stocking	CIAA
<i>disc</i> → ~~Chum~~	fry	Eklutna	CI	Eklutna	Stocking	CIAA
<i>disc</i> → 70 Coho	smolt	Eklutna	CI	Eklutna	Stocking	CIAA
<i>disc</i> → Chinook	smolt	Eklutna	CI	Eklutna	Stocking	CIAA
<i>disc</i> → Coho	smolt	Bear lake	CI	Trail Lakes	Stocking	CIAA
<i>disc</i> → Chinook	smolt	?	CI	Trail Lakes	Stocking	CIAA
<i>disc</i> → 75 Pink	fry	Tutka Lagoon	CI	Tutka	Stocking	CIAA
<i>disc</i> → Pink	fry	Ingram Creek	CI	Tutka	Stocking	CIAA
<i>disc</i> → Pink	fry	Homer Spit	CI	Tutka	Stocking	CIAA
<i>disc</i> → 70 Pink	fry	Halibut Cove	CI	Tutka	Stocking	CIAA
<i>disc</i> → Chum	fry	Tutka Lagoon	CI	Tutka	Stocking	CIAA

August 18, 1992

Steve McGee
F.R.E.D. Division
A.D.F. & G.
P.O. Box 25526
Juneau, AK 99802-5526



Steve,

Thank you for allowing the needed time to complete these forms. As you know, results of the previous few seasons compounded with current 92 results have precipitated revelations in the hatchery program. As a result, many considerations must be addressed within production planning. The surveys I've completed may shed some light on PWSAC's direction with production.

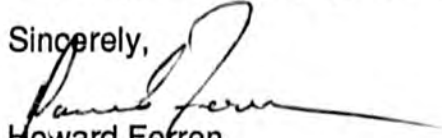
Along with these surveys, I'm providing a list of a few assumptions inherent in the numbers.

1. Generally, the division of benefits for each project is 70% CPF, 30% corporate escapement (brood stock and cost recovery).
2. Projects such as remote releases from which brood stock may be harvested, are never the less not subject to cost recovery. These releases are meant for the CPF. Brood stock requirements may result in a 4% corporate harvest rate.
3. Sport fish harvest rates are generally set at .5%.
4. Regarding "egg capacities", I have taken the hatchery permitted green egg capacity and portioned it between specific projects, so the surveys reflect only the green eggs for the portion of the total that is addressed in that survey.
5. The CPF harvest rate on cohos and chinooks is expected at 90%. These stocks are not managed for corporate escapement because the fisheries are managed for different species at the time of chinook and coho returns.
6. The Main Bay program is the least understood at this point in time because of genetic and management questions which have resulted in new considerations which have not yet been addressed by the Department and PWSAC. The specific production levels are still planned, but the remote release programs are questioned. I suggest that for the Coghill release and Eshamy release, that you simply say "off station release" with the final location yet to be specified.
7. Regarding fish weights, we only utilize the average weight per stock and don't separate, for planning purposes, male and female weights. Field

data exists in hatchery logs from which this information could be obtained,
but it would be a lengthy project to compile the data.

Should you have any questions, please call.

Sincerely,



Howard Ferren
Planner

ALASKA STATE LEGISLATURE



P.O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN

/Eliason

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

John Boyce / Mark Herrmann, Economic's
Dept

FAX:

474-5219

FROM:

Ginny Fay

DATE:

9/10/92

MESSAGE:

I sent to the Fairbanks legislative
information office a set of diskettes w/ the
salmon production and cost data. Attached
is a table that identifies enhancement project
#'s w/ the cost survey. The projects correspond
to the projects are only commercial fisheries production.
The cost surveys include all costs but identify the %

Number of Pages

2

(Including Cover Sheet)

of costs attributable to commercial production. pls.
Call to confirm you picked up the data.
Let me know if you have any questions.

Thanks

Ginny 586-2465

ALASKA STATE LEGISLATURE



☐ P. O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

☐ 3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

☒ State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN / *Eliason*

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

Lonnie White

FAX:

486-1828

FROM:

Ginny Fay

DATE:

8/24/92

MESSAGE:

*Lonnie, Thanks for taking the time to
fill out these surveys but they are missing
Commercial harvest #'s. Could you
pls. take the time to fill them out asap
Thanks!! ifax back*

Number of Pages

13

(Including Cover Sheet)

ALASKA STATE LEGISLATURE



☐ P.O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

☐ 3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

☐ State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN / *Eliason*

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

Lonnie White

FAX:

486-1828

FROM:

Ginny Fay

DATE:

9/4/92

MESSAGE:

Lonnie, pls. include all costs for these
4 projects regardless of the origin/source
of funds. Please send back ASAP.
Thanks.
Ginny

Number of Pages

13

(Including Cover Sheet)

ALASKA STATE LEGISLATURE

P. O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459



State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN / *Eliason*

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

Don Amend

FAX:

225-1348

FROM:

Ginny Fay

DATE:

8/26/92

MESSAGE:

Don, thank you for all your terrific effort on this project!! I realize that these survey forms can be difficult to complete given uncertainties but adult commercial harvest numbers are critical for the analysis. you must have some overall projections of total harvests. if harvest by location is too difficult to determine, pls. indicate total harvest for each project on the final sheet provided.

Number of Pages

18

(Including Cover Sheet)

*Thanks again!!
ginny*

ALASKA STATE LEGISLATURE



☐ P. O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

☐ 3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

☒ State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN / *Eliason*

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

rick focht

FAX:

463-3213

FROM:

ginny fay

DATE:

8/24/92

MESSAGE:

*Thanks for taking the time to so
carefully fill out the survey but the
"Percentage of total annual Costs" do not
sum to 100%. pls. Advise us on how
this should be corrected.*

thanks!!!

Number of Pages

8

(Including Cover Sheet)

ALASKA STATE LEGISLATURE



☐ P. O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

☐ 3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

☒ State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

Steve reifenstuhl / bruce backen

FAX:

747-1470

FROM:

Ginny Fay

DATE:

8/18/92

MESSAGE:

Thanks for your time w/ these.
call + lib confusing or pages
missing.

Number of Pages

23

(Including Cover Sheet)

in 2 batches

ALASKA STATE LEGISLATURE



P.O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN / *Eliason*

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

bill coltharp

FAX:

747-5212

FROM:

giving tag

DATE:

8/19/92

MESSAGE:

*Thanks for your time - i realize
that these #'s can be hard to estimate
esp. w/ a program in flux but
we would appreciate your best estimates.*

Number of Pages

9

(Including Cover Sheet)

ALASKA STATE LEGISLATURE



☐ P. O. Box 770296
Eagle River, Alaska 99577
(907) 694-6683

☐ 3111 C Street, Suite 540
Anchorage, Alaska 99503
(907) 561-8459

☒ State Capitol
Juneau, Alaska 99801-1182
(907) 465-3711

SENATOR SAM COTTEN

Eagle River Fax: 694-1535

Juneau Fax: 465-4979

FAX TRANSMITTAL SHEET

TO:

Bart Watson

FAX:

586-2236

FROM:

Ginny Fay

DATE:

8/21/92

MESSAGE:

bart, this is a draft version of
the letter sent to you in April. however, it
has the cost survey instruction!
thanks

ginny

Number of Pages 4
(Including Cover Sheet)

Southern Southeast Regional Aquaculture Association, Inc.

2721 Tongass Avenue
Ketchikan, Alaska 99901

Phone: (907) 225-9605

Fax: (907) 225-1348



FAX COVER SHEET

DATE: Aug 26

NO. OF PAGES TRANSMITTED 7
Including Cover Sheet

TO

NAME: Senator Sam Cotten / Ginny Fay

COMPANY: _____

FAX #: 465-4979

FROM

NAME: Don Amend

FAX #: (907) 225-1348

REMARKS: These are the forms I received.
It appears some are missing. These
are very rough estimates

Neefs Bay
Chumak

13. ADULTS HARVESTED IN SPORT/PERSONAL USE FISHERIES:

CURRENT/PERMITTED		PLANNED/FUTURE PERMITTED	
Years	Number of Fish	Years	Number of Fish
1992 to	1500	1992 to	
93 to	850	to	
94 to	1300	to	
95 to	1900	to	
96 to 2021	2000	to 2021	

14. Please provide information on your annual facility cost recovery. Indicate your estimated price per pound; harvest costs per pound (or vessel charter expenses per pound), computed on an ex-vessel (or ex-hatchery) basis, in 1991 dollars; and the total pound and number of fish harvested for cost recovery.

FACILITY COST RECOVERY:

Years	Price/lb.	Costs/lb.	Total Pounds	# of Fish
1992 to	~~\$0.95~~ 0.98	\$0.09	123,000	20,000
1993 to	0.95	0.09	460,000	24,000
1994 to	0.95	0.09	552,000	25,000
to				
to				
to				
to				
to 2021				

*Neel
BAY
Chuvak*Correction (addition) to Green Survey form on SALMON ENHANCEMENT
PROJECT SURVEY12. ADULTS HARVESTED IN COMMERCIAL FISHERY:

Please provide information on the number of returning adults that will be harvested in the commercial fishery for both your current production and planned production.

CURRENT		PLANNED	
Years	Number of Fish	Years	Number of Fish
1992 to	2200	1992 to	
93 to	3200 17,000	to	
94 to	9500	to	
95 to	13,000	to	
96 to 2021	14,000	to 2021	