

2003 Yukon River In-Season Management Fund and Test Fisheries

Draft Final

Prepared By:

Jake Duncan
and the
IMF Steering Committee

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Prepared for:

Yukon River Panel
Yukon River Commercial Fishing Association
Tr'ondek Hwech'in

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The Yukon River In-Season Management Fund (YRISMF) Steering Committee was composed of: Patrick Milligan, DFO; Sebastian Jones, YRCFA; Ed Kormendy and Richard Nagano; Tr'ondek Hwech'in, Jake Duncan, Stewardship Coordinator; and Marcia Jordan, DDRRC.

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ABSTRACT

The Yukon River In-season Management Fund and Test Fisheries (IMF) is a project that organizes and conducts test fisheries on the Yukon River for both chinook and chum salmon species for fisheries management purposes. Salmon management in the Yukon Territory is accomplished technically by way of a mark-recapture program, primarily conducted by Fisheries and Oceans Canada. This mark-recapture program, which estimates run timing, abundance and escapement for chinook and chum salmon is reliant upon spaghetti tag recoveries gained in the Canadian commercial fishery. Intermittently over the past 6-years (1997-2002), for conservation reasons these traditional methods for gaining recapture information have not been utilized by fishery managers. Test fisheries have been conducted yearly on an “as needed” basis, dependant upon whether traditional methods for data collection can be utilized. Project management and key decisions have been made by way of a project steering committee.

In 2003, test fisheries were conducted for both chinook and chum species. Chinook test fisheries were conducted over two weeks from July 4th to 13th. Two test fishing groups (involving a total of 8 fishers over the season) were employed to collect data from locations upstream and downstream of Dawson City, Yukon. A total of 263 chinook were captured and 11 spaghetti tags were recovered (4.18%). Gillnets were used to collect samples and all chinook salmon were distributed to the Tr’ondek Hwech’in and other Yukon First Nations. Chum test fisheries were conducted over two weeks from August 24th to September 4th. Two fishwheels and fishing groups (involving 6 fishers) were used to collect samples in locations upstream and downstream of Dawson City, Yukon. All chum salmon were live-captured and released. In total, 990 chum salmon were captured, sampled and released; 596 males and 394 females, with 53 DFO spaghetti tags (5.35%) and 9 USF&WS tags recovered.

INTRODUCTION

Salmon management in the Yukon Territory is preformed, technically, by way of a mark-recapture program. This program is conducted primarily by Fisheries and Oceans Canada (DFO) who capture salmon from the Yukon River just upstream of the Canada/U.S. border with fishwheels and mark these fish with “spaghetti” tags. After marking, these fish are released back into the river and allowed to continue their upstream migration. Crucial to this program and to the assessment of in-season abundance, and, the ability of fisheries managers to make in-season fisheries management decisions, is gaining re-capture information from these tagged fish. This information has traditionally been gathered via the commercial salmon fishery. In recent years, the numbers of salmon returning to Canada have been depressed to a level that, at times, has not allowed managers to open a commercial salmon fishery, given system-wide conservation goals. It is for this reason that test fisheries have been utilized to gather this information.

There are two species of salmon that are harvested from the Yukon River; chinook (*Oncorhynchus tshawytscha*) and chum salmon (*O. keta*). Test fisheries organized for chinook management have been consumptive, in that gillnets are used. The resulting chinook salmon captured and retained are distributed to Yukon First Nations for subsistence purposes. Chum salmon test fisheries are non-consumptive, as live-capture fishwheels are used to gather the re-capture information.

To date, test fisheries have been operated (1997-2002) on a year-to-year and “contingency only” basis. The In-Season Management Fund (IMF) was created to enable managers to perform this technical fisheries management project on a more long-term basis and to allow for additional management information to be collected. This community-based project is conducted by a partnership of the Yukon Commercial Fishing Association (YRCFA), the Tr’ondek Hwech’in (TH)

and other Yukon First Nations, and, DFO. The project is now managed by way of a Steering Committee.

The apparent decline in the productivity of Yukon River chum and chinook stocks, as witnessed during the 1997 to 2002 period, has not allowed for a sufficient commercial fishery to estimate stock size using traditional mark-recapture techniques. Again in 2003, the preseason forecast indicated that a full strength commercial fishery for both chinook and chum would not be likely. Commercial catch data, including tag recoveries, has been the traditional source of recapture information for the DFO mark-recapture program. This mark-recapture program estimates run abundance and escapement numbers to the Canadian portion of the Yukon River. This project, the In-Season Management Fund (a.k.a. 'test fishery'), allows the continued recovery of tags during periods when the commercial fishery is closed or limited due to poor adult returns.

By employing and involving aboriginal and non-aboriginal commercial fishers, and, local assistants in these test fisheries, the secondary objectives are: to contribute to community-based management; to foster conservation and stewardship ethics; and, to maintain the value of Canadian-origin Yukon River salmon to Yukoners, through the maintenance of a vested interest in them.

By managing these test fisheries via an "In-Season Management Fund" and a project steering committee, this project has the potential to become more effective as a result of increased involvement from the scientific community, First Nations and fishers in general.

Given both the project's "contingency only" status in any one given year and the likelihood of its required continuation, this new method of managing test fisheries is thought to be a logical progression of fisheries management.

METHODS, MATERIALS, RESULTS AND DISCUSSION

Steering Committee

The first Steering Committee meeting was held on May 20th and subsequent meetings were held on June 20th, July 4th, Aug 5th, and Aug 19th. Minutes from these meetings have been attached to this report (Appendix A). The project's Steering Committee is made up of representatives from the Yukon River Commercial Fishing Association (YRCFA), Tr'ondek Hwech'in (TH) and Fisheries and Oceans Canada (DFO) and decisions related to the project have been made by consensus. Project organization and the hiring of coordinators and fishers were conducted via the IMF steering committee. Recommendations were suggested by the committee as a whole.

Chinook Test Fishery

A scientific collection license to conduct the test fishery was applied for and received from DFO. Authorization from TH was sought to conduct the test fishery and was gained by way of the TH Chief and Council. Various other project details were considered by the Steering Committee, such as: the hiring of a project coordinator; developing a fish distribution plan; locations and timing of fisheries; choosing project participants (fishers); and, data collection methodology.

In 2003, managers went into the chinook season with the intent to conduct a minimum of two test fishery "openings" to assess run strength. With this directive, a coordinator was hired to organize the chinook test fishery openings and fishers were solicited to participate in the test fishery. A criterion for involvement was developed to characterise the expectations of fishers involvement. This document was agreed to by the Steering Committee (Appendix "B) and

distributed to interested fishers. Data collection sheets were developed by DFO. A workshop was held to discuss these expectations, to discuss the data collection sheets, and to organise the specific timing of fishers' involvement and chinook openings. It was agreed that fishers would be organised into two groups, each fishing in an upstream and a downstream location; one in the Dawson City area and one in the Fortymile River area.

Test fishers utilized their normal chinook fishing gear during the test fisheries; fishing a maximum of 300ft of 8" meshed, shore-set gillnets (typically 29½ deep). Fishers set nets on a 24hr/day basis, while checking and maintaining nets at a minimum of every 6 hours (Appendix B). Most fishers used the fishing locations that they normally used for commercial fishing and were familiar with the site-specific considerations of these sites.

Chinook test fisheries were conducted between July 4th and July 13th. The upstream group was tasked with fishing 4-days per week and each 4-day opening was shared between 2 fishers (2-days each). The downstream fishing operation was tasked with fishing 5-days per week and was shared weekly among two separate fishers. By July 14th, it became clear that the continuance of the test fishery was not required as run strength was sufficient to allow for the opening of the commercial fishery. The chinook test fishery ceased on July 14th. All chinook were sexed and sampled for fork-length and the presence of spaghetti tags. All data was forwarded to DFO in-season (Appendix C). A total of 263 chinook were captured in the 2003 chinook test fishery; 190 male and 73 female chinook, with 11 DFO tags recovered (4.18%).

Chinook were distributed as follows:

Tr'ondëk Hwëch'in – citizens	144
Tr'ondëk Hwëch'in – community kitchen	45
Vuntut Gwitchen	20
Teslin Tliget	58
Non-First Nations	4
<hr/> <hr/> TOTAL	<hr/> <hr/> 271 ¹

Chum Test Fishery

A steering committee meeting was held on August 5th and the chum season was discussed. A coordinator was hired for the chum season as it was determined that a minimum of two chum test fisheries were required to assess run strength. Fishers were solicited to participate and various project particulars were worked out. A workshop to train fishers in the data collection effort was planned and then held on the evening of August 19th. Two project fishwheels (produced in 2002, CRE-09-02) were taken from storage and made ready for the data collection effort.

Chum test fisheries were conducted between August 24th and September 4th. Fishers were organized into two groups, one group situated upstream in the Dawson region fishing with one fishwheel and one group with one fishwheel fishing downstream near the Fortymile River. Fishers were tasked with fishing 24hrs/day, 4-days per week in each location and these openings were shared among fishers. Fishwheels were checked and maintained a minimum of every 6 hours during test fishing periods. On September 4th, it was determined that the chum test fishery was no longer required as run strength was sufficient to allow

¹ There were 263 chinook salmon taken in the test fishery and 271 fish distributed. The 8 additional fish reported were harvested in the First Nation subsistence fishery and distributed with the test fishery fish.

for commercial openings. All chum salmon that were live-captured were sexed, and sampled for the presence of spaghetti tags and recapture punches (Appendix D). A total of 990 chum salmon were live-captured and sampled during the 2003 chum test fishery; 596 male and 394 female, 53 DFO spaghetti tags (5.35%) and 9 USF&WS tags recovered. The project's fishwheels were stored securely for the winter.

Discussion

Post-season discussions have included: the continuation of Steering Committee meetings throughout the winter; accessing equipment to enable future test fisheries (see Recommendations for more details); and generally discussing how the project can be built upon in future years.

Project financial Information can be obtained from the 6-page attached file "CRE-11-03 Financial Statements.xls". This file can be found in Appendix E.

RECOMMENDATIONS

1. Freeze all fish, then distribute.
To assist with the distribution of fish, it is recommended that all fish first be frozen. In the past, fish were distributed fresh on ice. This method has allowed some time (logistically) for this distribution to take place; however, if fish were frozen this task would be greatly assisted.
2. Freezers for additional storage.
Once frozen, test fishery fish must be stored. Presently there is little freezer capacity for test fishery fish to be stored. If two chest freezers were available to this project, the distribution of fish would be greatly assisted.
3. Utilize nets with varying size mesh to test assumptions in the mark recapture program – selectivity of mesh.
Scientifically speaking, there are assumptions made in DFO's Mark-Recapture program. To test these assumptions it is desirable to experiment with differing mesh sizes, specifically to test the selectivity of mesh on the size of fish captured.
4. Steering Committee meetings over the winter.
For many reasons, Test Fisheries on the Yukon River are complex and challenging to organize and carry out. It is generally thought that the more prepared that the partners are going into the season, a better and more effective project can be achieved. Time spent over the winter could coincide with other fisheries management meetings and additional meetings to inform and consult stakeholders could be organized.

APPENDICIES

Appendix A – Steering Committee Minutes

TEST FISHERY STEERING COMMITTEE MINUTES

May 20, 2003

PRESENT: Pat Milligan (DFO), Hugh Monaghan (Yukon River Panel), Jake Duncan (YRCFA), Sebastian Jones (YRCFA), Mel Besharah (YRCFA), Ed Kormendy (TH), Marcia Jordan

1. Background Information

Jake explained:

- some of the history of the test fisheries
- how it has been licensed (through Tr'ondëk Hwëch'in and DFO)
- the role of the Yukon River Commercial Fishing Association
- some of the concerns that have been expressed, from fishers, First Nations and DFO, over the management of the test fishery. The intent of this steering committee is to address these concerns prior to the start of the 2003 Test Fishery.

Pat Milligan gave an update on the 'run abundance' projects that are taking place this year on both sides of the border.

2. Administration

The new system includes a change in administration and the formation of this steering committee. The intent of the steering committee is to have full participation and support from all parties involved. It was agreed that, at these meetings, silence among the participants meant that they concurred with what was said or decided by the group. Marcia will be hired as the coordinator.

The coordinator is responsible for:

- taking minutes
- organizing meetings
- informing fishers of decisions made by the steering committee
- the formation of a work plan
- establishing the guidelines for the fishers and bringing this back to the steering committee for final approval

Pat Milligan is responsible for establishing the criteria for the data collection and bringing this back to the steering committee for final approval. It is noted that there must be absolute clarity on what is to be expected from the fishers, prior to the opening of the Test Fishery.

Pat stated that we should go into the season (2003) with at least 2 chinook test fisheries. The group agreed with this.

3. Steering Committee

The steering committee:

- has the ability to make changes within the approved amount of funding
- will be responsible for the final selection of the fishers involved
- will make the final decision on how fish are handled (i.e. freezing before distribution) and suggest to TH where the fish could be distributed
- will establish a long term list of priorities that may be funded within the test fishery budget

4. Distribution of the Fish

Ed felt that the distribution of the fish has been a logistical nightmare and that a good starting point would be to use the data from the traditional harvest. Pat will provide Marcia with this data. A plan for the fish distribution will be developed by the steering committee. It was agreed that the fish destined for other First Nations should be frozen immediately upon receiving.

The coordinator will meet with Ed about the distribution of fish

Next Meeting June 20th. Marcia will contact everyone with details.

Summary of Action Items:

1. Pat Milligan is to detail the data collection in a draft "Data Collection Criteria" and provide this to the Steering Group at the next meeting for final approval/adoption.
2. Marcia is to develop a draft criteria for fishers' involvement in the Test Fishery and provide this to the Steering Group at the next meeting for approval/adoption.
3. Marcia and Ed are to meet and discuss the details of fish distribution and develop a draft plan for this to take place in 2003. This plan will consider fish handling, such as freezing fish prior to distribution.
4. Marcia to develop a draft list of items and/or expenditures to support the Test Fisheries and bring this list back to the Steering Group to prioritize and/or modify. This list will be a "work in progress" and will change over time.

Summary of Decisions:

1. There will be a minimum of 2 chinook test fisheries in 2003.
2. All fish caught in the test fishery will be frozen prior to distribution, unless otherwise planned for.
3. Marcia will be the coordinator for the Steering Group and she will be remunerated for her time associated with this task from the project's budget.

TEST FISHERY STEERING COMMITTEE MINUTES
June 20, 2003

PRESENT: Pat Milligan (by telephone), Jake Duncan, Sebastian Jones, Ed Kormendy,
Marcia Jordan

1. Duration and Number of Fishers

Much discussion ensued regarding the number of participants and the duration of a Chinook Test Fishery. Pat proposed that 2 fishers be employed for 4-5 days per week; the rationale being that the two fishers would gain meaningful employment and could be trained to collect information in a more standardized and consistent manner. Sebastian suggested that this would undermine some of the social-economic benefits of a Test Fishery and that the involvement of more commercial fishers was desirable.

There will be an upriver and downriver test fishery. The downriver fishery will run 5 days a week for the first 2 weeks. The intent is to have a different fisher each week, if possible, to spread the opportunity to as many fishers as possible. The upriver fishery will run for 4 days a week for the first 2 weeks. The intent is to have a different fisher for each 2-day period. The committee agreed that we need to get as much information as feasible from the test fishery and employ as many fishers as possible. We also need to train more people re: data collection criteria. Pat agreed to come to Dawson and put on a data collection workshop on July 4 at 7pm. Sebastian will send a letter to all the commercial fishers informing them of the upcoming workshop. Fishers will not be paid to attend.

A suggestion was made that next year DFO could create two jobs for full time test fishers.

2. Data Collection

Pat provided a draft data collection sheet as per previous meeting's action item. As per last year the fishers will record the sex, length, and tag information for every fish caught. The only addition to this year's data collection is the need to record the number of pieces and depth of each net and the approximate depth where each fish is caught. Pat will work with Marcia to develop a spreadsheet. Fishers will mark all fish caught in the test fishery by removing a significant portion of the upper lobe of the tail fin.

3. Anticipated Commercial Opening

The committee agreed that if the commercial fishery opens the test fishery will not be necessary, and there will be an abundance of fish available to the subsistence fishery. This decision will be reviewed in season. If money is available, the commercial fishers could be paid to continue collecting and reporting the additional data in the same manner as the Test Fishery.

4. Tr'ondëk Hwëch'in

Ed will discuss the logistics of the test fishery with Chief and Council at their meeting next week and solicit their authorization for the Test Fishery to take place. He will also bring up the issue of freezing the fish. Marcia will contact Ed after the meeting for details and finalize the distribution plan.

5. Fish distribution

Ed and Marcia have discussed details related to the distribution of fish emanating from the Test Fishery as per previous meeting's action item. The fish distribution plan has not been finalized as many details were dependent on decisions related to the duration and number of participants in the Test Fishery. Ed and Marcia will finalize this plan for the next meeting.

Summary of Action Items:

5. Pat Milligan will offer a 'data collection workshop' in Dawson – July 4, 7pm. Marcia will book an appropriate facility.
6. Marcia will send a letter to all commercial fishers to find out who is interested in participating in the test fishery. The deadline for a response will be June 27.
7. Sebastian will send a letter to all commercial fishers re: the 'data collection workshop'.
8. Pat and Marcia will work together on a spreadsheet for the data collection.
9. Jake will email a copy of the budget to Marcia and Ed.
10. Ed will attend the Chief and Council meeting next week to update them on the test fishery and discuss authorization, the distribution, freezing, and pick up (at Forty Mile) of the fish.
11. Ed and Marcia will finalize the fish distribution plan for next meeting.

Next Meeting July 4 @ 1pm at Yukon College.

TEST FISHERY STEERING COMMITTEE MINUTES

August 5, 2003

PRESENT: Pat Milligan (by telephone), Jake Duncan, Sebastian Jones, Richard Nagano, Agata Franczak, Marcia Jordan

1. Consumptive Fishery

A suggestion was brought forward to replace the existing chum test fishery with a limited consumptive fishery. Pat will talk to Sandy and establish what the trigger points would be to run future test fishery in this manner. It was decided that this would not be done this season but the steering committee would work on this idea throughout the winter and bring their decision to the Integrated Fisheries Management Planning session in the spring.

2. 2003 Chum Test Fishery

The test fishery will run for a minimum of two weeks beginning August 24 at 8am. Fishwheels will be checked every 8 hours. There will be four fishers hired to fish two days per week, two in town and two downriver. Fishers will share the use of the two wheels built last year. Each fisher will be paid for one day before and one day after the test fishery, for setup and take down of the wheels. The fishers in town will not receive travel time. The downriver fishers will receive ½ day travel time per opening.

3. Tommy Taylor

If Tommy will be operating his own fishwheel and keeping his catch the test fishery will pay him an additional \$5 per tag for reporting his data every two days.

The data reported will include:

- date and time
- total number of fish
- number of males/ females
- amount of tags and tag numbers
- number of fish marked from each test fishery wheel

Tommy may also put his name forward for one of the test fishing wheels. Tommy needs to be fully informed about these options. The coordinator will talk to Tommy.

4. Data Collection

For each check of the fishwheel, fishers will record the:

- date and time
- total number of fish
- number of males/ females
- amount of tags and tag numbers
- number of fish marked from each test fishery wheel

Pat will decide whether or not the spaghetti tags will be removed. New tags will not be used. Pat will work with the coordinator to create a template for the data collection. Fishers must provide the coordinator with their data by 4pm on closure day. The coordinator will email the data to Pat within one day of receiving it.

Pat will provide a Data Collection Workshop on August 19 @ 7pm in the Yukon College conference room. Marcia will book the conference room. The coordinator, as well as the fishers involved, must attend. The focus of the workshop will be on what data is to be collected and how it is to be reported.

5. Marking the Fish

The downriver fishers will mark each fish caught by punching a hole in the lower part of the caudal (tail) fin. The upriver fishers will mark their fish by punching a hole in the upper part of the caudal fin.

6. Selection of Fishers

The coordinator will send a letter to every commercial fisher to solicit interest. The letter will state that any interested fisher must contact the coordinator prior to August 13. The coordinator will meet with the steering committee, if necessary on Saturday August 16 to select the fishers. The coordinator will contact the

successful applicants and inform them of the mandatory workshop. A copy of the letter will be sent to Ed Kormendy at Tr'ondëk Hwëch'in.

7. Coordinator

It was agreed that it would not be feasible for a fisher who was downriver for 5 days a week to take on the role of the coordinator. Consensus was not reached on whether or not an upriver fisher could take on both roles. Agata agreed to take on the role of coordinator with the understanding that she will not be an assistant fisher unless no other qualified person is available.

Summary of Action Items:

12. Pat will offer a 'data collection workshop' in Dawson – August 19 @ 7pm. Marcia will book the Yukon College conference room.
13. Agata will send a letter to all commercial fishers to find out who is interested in participating in the test fishery. The deadline for a response will be August 13.
14. Pat will discuss trigger points for a commercial fishery with Sandy and report back.
15. Pat will let Agata know the decision regarding the removal of spaghetti tags.
16. Pat will provide Agata with a template for the data collection.
17. Agata will talk to Tommy Taylor and explain the options available to him.
18. Agata will send a letter to all commercial fishers to solicit interest. A copy of the letter will be sent to Ed Kormendy.
19. Agata will set up a meeting of the steering committee to select fishers, if necessary.

Appendix B – Involvement Criteria

DRAFT CRITERIA FOR FISHERS INVOLVEMENT IN THE 2003 TEST FISHERY

The primary objective of the Test Fishery is to collect and report data to be analyzed by DFO. Stock assessment estimates, or the understanding of how many fish are migrating to the spawning grounds, will be based primarily on the data collected in the Test Fishery. If run sizes are sufficient to allow a commercial fishery to take place, then stock assessment will be achieved with data collected from a commercial fishery.

Care and Handling of Fish

The fish must:

- be cleaned
- have the head left on
- have the gills removed
- be packed in ice

The roe must be placed in a bucket and the bucket stored on ice. Ice will be available to fishers at the ice machine. Fishers can pick up a key from the coordinator. Upriver fishers will deliver fish to Dawson and contact the project coordinator as soon as they arrive in town. Downriver fishers will make arrangements with the project coordinator prior to the opening for pickup.

Data Collection

All data must be accurately recorded at every net check and submitted to the coordinator daily (this can be done by radiophone). Nets are to be checked a **minimum** of every **6** hours. Fishers will document how many nets they are using, the location of each net, and the length and depth of each net. All nets must be **clearly** marked '**TF – 03**' on the shore adjacent to the net location.

For each fish caught the fisher will record:

- the length
- the sex
- all tag information
- which net the fish was caught in
- approximate depth the fish was caught

At the end of every opening all data sheets and tags will be delivered to the coordinator.

A small workshop will be held at 7:00 PM on June 4th at Yukon College to go over the data collection expectations. All fishers interested in participating in the Test Fishery should come to this meeting. Please bring any questions or concerns that you may have to this meeting.

The “product” you are providing (for payment) in the Test Fishery is data collected in an appropriate manner and fish that has been handled in an appropriate manner. Failure to produce these products may jeopardize your payment.

Appendix C – Chinook Sampling Data

DATE	FISHER	SAMPLE/FISHER	SAMPLE TOTAL	SEX	FORK LENGTH	TAG No.
04-Jul	TG	1	1	M	96	
04-Jul	TG	2	2	F	107	
04-Jul	TG	3	3	M	90	
04-Jul	TG	4	4	M	120	
04-Jul	TG	5	5	F	99	
04-Jul	TG	6	6	M	91	
04-Jul	TG	7	7	M	85	
04-Jul	TG	8	8	M	98	
04-Jul	TG	9	9	M	94	
04-Jul	TG	10	10	F	100	
04-Jul	TG	11	11	M	82	
04-Jul	TG	12	12	M	120	
04-Jul	TG	13	13	M	98	
04-Jul	TG	14	14	M	91	
04-Jul	TG	15	15	M	100	
04-Jul	TG	16	16	M	101	
04-Jul	TG	17	17	F	98	
04-Jul	TG	18	18	M	99	
04-Jul	TG	19	19	F	91	
04-Jul	TG	20	20	M	79	
04-Jul	TG	21	21	M	70	T001599
04-Jul	TG	22	22	M	91	
04-Jul	TG	23	23	F	96	
04-Jul	TG	24	24	M	91	
04-Jul	TG	25	25	F	94	
04-Jul	TG	26	26	M	96	
04-Jul	TG	27	27	M	99	
04-Jul	TG	28	28	M	89	
04-Jul	TG	29	29	F	103	
04-Jul	TG	30	30	F	92	
04-Jul	TG	31	31	F	105	
04-Jul	TG	32	32	F	110	
04-Jul	TG	33	33	M	76	
04-Jul	TG	34	34	M	86	
04-Jul	TG	35	35	F	88	
04-Jul	TG	36	36	M	103	
04-Jul	TG	37	37	M	92	
04-Jul	TG	38	38	M	81	
04-Jul	TG	39	39	M	84	
04-Jul	TG	40	40	F	83	
04-Jul	TG	41	41	M	111	
04-Jul	TG	42	42	M	83	T001617
04-Jul	TG	43	43	M	115	
04-Jul	TG	44	44	M	90	
04-Jul	TG	45	45	M	90	

04-Jul	TG	46	46	M	77	
04-Jul	TG	47	47	M	79	
05-Jul	TG	48	48	M	76	
05-Jul	TG	49	49	M	80	
05-Jul	TG	50	50	M	91	
05-Jul	TG	51	51	M	93	
05-Jul	TG	52	52	F	100	
05-Jul	TG	53	53	M	90	
05-Jul	TG	54	54	M	79	
05-Jul	TG	55	55	M	76	
05-Jul	TG	56	56	M	78	
05-Jul	TG	57	57	F	95	
05-Jul	TG	58	58	M	98	
05-Jul	TG	59	59	M	73	T001627
05-Jul	TG	1	60	M	89	
05-Jul	TG	2	61	M	81	T001633
05-Jul	TG	3	62	M	91	
05-Jul	TG	4	63	M	79	
05-Jul	TG	5	64	M	90	
05-Jul	TG	6	65	M	110	
05-Jul	TG	7	66	M	112	
06-Jul	TG	8	67	M	77	
06-Jul	TG	9	68	F	95	
06-Jul	TG	10	69	M	90	
06-Jul	TG	11	70	M	88	
06-Jul	TG	12	71	M	101	
06-Jul	TG	13	72	M	110	
06-Jul	TG	14	73	M	94	
06-Jul	TG	15	74	M	103	
06-Jul	TG	16	75	M	83	
06-Jul	TG	17	76	F	98	
06-Jul	TG	18	77	M	74	
06-Jul	TG	19	78	M	82	
06-Jul	TG	20	79	M	76	
06-Jul	TG	21	80	M	94	
06-Jul	TG	22	81	M	87	
06-Jul	TG	23	82	M	88	
06-Jul	TG	24	83	F	101	
06-Jul	TG	25	84	M	82	
06-Jul	TG	26	85	F	95	
06-Jul	TG	27	86	M	108	
06-Jul	TG	28	87	M	78	
06-Jul	TG	29	88	M	93	
06-Jul	TG	30	89	M	87	
06-Jul	TG	31	90	M	82	
06-Jul	TG	32	91	M	76	
06-Jul	TG	33	92	M	87	
06-Jul	TG	34	93	M	78	
06-Jul	TG	35	94	M	91	
06-Jul	TG	36	95	M	82	

06-Jul	TG	37	96	M	77	
06-Jul	TG	38	97	F	94	
06-Jul	TG	39	98	F	86	
06-Jul	TG	40	99	M	81	
06-Jul	TG	41	100	M	85	
06-Jul	TG	42	101	M	88	
06-Jul	TG	43	102	F	97	
		44	103	M	91	
06-Jul	TG	45	104	M	81	
06-Jul	TG	46	105	F	93	
06-Jul	TG	47	106	M	99	
06-Jul	TG	48	107	M	76	
06-Jul	TG	49	108	M	64	
06-Jul	TG	50	109	F	95	
06-Jul	TG	51	110	F	108	
06-Jul	TG	52	111	F	93	
06-Jul	TG	53	112	M	86	
06-Jul	TG	54	113	M	82	
06-Jul	TG	55	114	F	95	
06-Jul	TG	56	115	M	92	
06-Jul	TG	57	116	M	80	
06-Jul	TG	58	117	M	109	
06-Jul	TG	59	118	F	97	
08-Jul	TG	1	119	M	85	T001716
08-Jul	TG	2	120	M	95	
08-Jul	TG	3	121	F	93	
08-Jul	TG	4	122	M	74	
08-Jul	TG	5	123	M	91	
08-Jul	TG	6	124	M	95	
08-Jul	TG	7	125	M	56	
08-Jul	TG	8	126	M	98	
08-Jul	TG	9	127	M	91	
08-Jul	TG	10	128	M	78	
08-Jul	TG	11	129	M	79	
09-Jul	TG	12	130	F	101	
09-Jul	TG	13	131	M	91	
09-Jul	TG	14	132	F	92	
09-Jul	TG	15	133	M	98	
09-Jul	TG	16	134	M	84	
09-Jul	TG	17	135	M	102	
09-Jul	TG	18	136	M	83	
09-Jul	TG	19	137	M	82	
09-Jul	TG	20	138	M	87	
09-Jul	TG	21	139	M	101	
09-Jul	TG	22	140	M	91	T001751
09-Jul	TG	23	141	F	98	
09-Jul	TG	24	142	M	88	T001738
09-Jul	TG	25	143	F	98	
09-Jul	TG	26	144	M	95	T001753
09-Jul	TG	27	145	M	69	

09-Jul	TG	28	146	M	90
09-Jul	TG	29	147	M	73
09-Jul	TG	30	148	M	93
09-Jul	TG	31	149	M	80
09-Jul	TG	32	150	M	84
09-Jul	TG	33	151	M	104
09-Jul	TG	34	152	M	85
09-Jul	TG	35	153	M	82
09-Jul	TG	36	154	F	98
09-Jul	TG	37	155	M	74
11-Jul	MB	1	156	M	89
11-Jul	MB	2	157	F	103
11-Jul	MB	3	158	F	104
11-Jul	MB	4	159	M	80
11-Jul	MB	5	160	M	102
12-Jul	MB	6	161	F	103
12-Jul	MB	7	162	M	109
12-Jul	MB	8	163	M	106
12-Jul	MB	9	164	F	96
12-Jul	MB	10	165	M	76
12-Jul	MB	11	166	M	107
12-Jul	MB	12	167	M	88
12-Jul	MB	13	168	F	103
12-Jul	MB	14	169	F	98
12-Jul	MB	15	170	M	79
12-Jul	MB	16	171	F	106
12-Jul	MB	17	172	M	93
12-Jul	MB	18	173	M	87
12-Jul	MB	19	174	M	82
12-Jul	MB	20	175	F	92
12-Jul	MB	21	176	M	102
12-Jul	MB	22	177	M	81
12-Jul	MB	23	178	F	99
12-Jul	MB	24	179	F	103
12-Jul	MB	25	180	M	97
12-Jul	MB	26	181	F	95
12-Jul	MB	27	182	M	99
12-Jul	MB	28	183	M	103
12-Jul	MB	29	184	M	82
12-Jul	MB	30	185	M	96
12-Jul	MB	31	186	F	96
12-Jul	MB	32	187	F	91
12-Jul	MB	33	188	M	106
12-Jul	MB	34	189	F	89
12-Jul	MB	35	190	F	97
12-Jul	MB	36	191	F	91
12-Jul	MB	37	192	F	92
12-Jul	MB	38	193	F	103
12-Jul	MB	39	194	F	92
12-Jul	MB	40	195	M	103

T001856

13-Jul	MB	41	196	F	96
13-Jul	MB	42	197	M	83
13-Jul	MB	43	198	F	105
13-Jul	MB	44	199	M	87
13-Jul	MB	45	200	M	90
13-Jul	MB	46	201	M	79
13-Jul	MB	47	202	F	95
13-Jul	MB	48	203	F	96
13-Jul	MB	49	204	M	94
13-Jul	MB	50	205	M	102
13-Jul	MB	51	206	M	101
13-Jul	MB	52	207	M	94
13-Jul	MB	53	208	F	97
13-Jul	MB	54	209	F	96
13-Jul	MB	55	210	M	103
13-Jul	MB	56	211	M	102
13-Jul	MB	57	212	M	105
13-Jul	MB	58	213	M	104
13-Jul	MB	59	214	M	86
13-Jul	MB	60	215	M	79
05-Jul	RM	1	216	M	86
05-Jul	RM	2	217	M	85
05-Jul	RM	3	218	M	80
05-Jul	RM	4	219	F	107
05-Jul	RM	5	220	M	89
05-Jul	RM	6	221	M	77
05-Jul	RM	7	222	M	76
05-Jul	RM	8	223	M	98
05-Jul	RM	9	224	M	105
06-Jul	RM	10	225	F	95
06-Jul	RM	11	226	F	108
06-Jul	RM	12	227	M	111
06-Jul	RM	13	228	M	78
06-Jul	RM	14	229	M	85
06-Jul	RM	15	230	M	105
06-Jul	RM	16	231	M	119
06-Jul	RM	17	232	M	86
06-Jul	RM	18	233	F	98
06-Jul	RM	19	234	F	96
06-Jul	RM	20	235	M	72
06-Jul	RM	21	236	M	83
06-Jul	RM	22	237	F	90
06-Jul	RM	23	238	M	97
06-Jul	RM	24	239	M	95
06-Jul	RM	25	240	F	100
06-Jul	RM	26	241	M	78
06-Jul	RM	27	242	M	80
06-Jul	RM	28	243	M	83
06-Jul	RM	29	244	M	86
06-Jul	RM	30	245	M	80

T001593

06-Jul	RM	31	246	F	104	
06-Jul	RM	32	247	M	81	
08-Jul	SEB	1	248	M	85	
08-Jul	SEB	2	249	F	106	
08-Jul	SEB	3	250	M	83	
08-Jul	SEB	4	251	F	100	
08-Jul	SEB	5	252	F	95	
08-Jul	SEB	6	253	M	87	
08-Jul	SEB	7	254	M	83	
08-Jul	SEB	8	255	F	97	T001651
08-Jul	SEB	9	256	M	118	
09-Jul	SEB	10	257	M	75	
09-Jul	SEB	11	258	M	104	
09-Jul	SEB	12	259	F	97	
09-Jul	SEB	13	260	F	90	
09-Jul	SEB	14	261	M	64	
09-Jul	SEB	15	262	M	81	
09-Jul	SEB	16	263	M	83	

Chinook Summary:

DATE	FISHER	AVERAGE LENGTH (cm)	# of TAGS	MALES	FEMALES	TOTAL FISH
July 4 - 5	Tim	92.24	3	44	15	59
July 5 - 6	Tim	89.51	0	46	13	59
July 8 - 9	Tim	88.05	4	31	6	37
July 5 - 7	Roger	91.03	1	24	8	32
July 7 - 9	Seb	90.50	1	10	6	16
July 11 - 13	Mel	95.23	1	35	25	60
TOTALS		91.09	10	190	73	263

Appendix D – Chum Sampling Data

Chum Test Fishery Data – Spaghetti tag information

Date	Time	Fisher	DFO Tag No.	Other	Comments:
25-Aug-03	8:00 AM	Cor Guimond	2915		
25-Aug-03	8:00 AM	Cor Guimond	2907		
25-Aug-03	8:00 AM	Cor Guimond	2934		
24-Aug-03	4:00 PM	Mel Besharah	3001		
25-Aug-03	12:00 AM	Mel Besharah	3016		
24-Aug-03	4:00 PM	Mel Besharah	3047		
24-Aug-03	4:00 PM	Mel Besharah	3002		
26-Aug-03	12:00 AM	Mel Besharah		59963	
26-Aug-03	8:00 AM	Mel Besharah	3074		
27-Aug-03	4:00 PM	Sebastian Jones	3145		
27-Aug-03	4:00 PM	Sebastian Jones	3128		
27-Aug-03	4:00 PM	Sebastian Jones	3132		
27-Aug-03	4:00 PM	Sebastian Jones	3121		
27-Aug-03	4:00 PM	Sebastian Jones		59945	
28-Aug-03	12:00 AM	Sebastian Jones		59958	
28-Aug-03	8:00 AM	Sebastian Jones	3152		
28-Aug-03	12:00 AM	Rodger Mendehlson	3053		
28-Aug-03	12:00 PM	Rodger Mendehlson	3112		
01-Sep-03	8:00 AM	Mel Besharah		32875	
01-Sep-03	8:00 AM	Mel Besharah		32945	
01-Sep-03	4:00 PM	Mel Besharah		33025	
01-Sep-03	4:00 PM	Mel Besharah	3552		
01-Sep-03	4:00 PM	Mel Besharah	3545		
02-Sep-03	8:00 AM	Mel Besharah	3612		
31-Aug-03	4:00 PM	Cor Guimond		5757	Green
01-Sep-03	12:00 AM	Cor Guimond	3359		
01-Sep-03	4:00 PM	Cor Guimond	3392		
01-Sep-03	4:00 PM	Cor Guimond	3349		
02-Sep-03	4:00 PM	Sebastian Jones	3668		
02-Sep-03	4:00 PM	Sebastian Jones		32873	
03-Sep-03	4:00 PM	Sebastian Jones	3611		
03-Sep-03	4:00 PM	Sebastian Jones	3778		
03-Sep-03	4:00 PM	Sebastian Jones	3760		
03-Sep-03	4:00 PM	Sebastian Jones	3819		
03-Sep-03	4:00 PM	Sebastian Jones	3835		
03-Sep-03	4:00 PM	Sebastian Jones	3901		
03-Sep-03	4:00 PM	Sebastian Jones	3922		
03-Sep-03	4:00 PM	Sebastian Jones	3938		
04-Sep-03	12:00 AM	Sebastian Jones	3746		
04-Sep-03	12:00 AM	Sebastian Jones	3916		
04-Sep-03	12:00 AM	Sebastian Jones	3967		
04-Sep-03	12:00 AM	Sebastian Jones	4119		
04-Sep-03	8:00 AM	Sebastian Jones		33008	
04-Sep-03	8:00 AM	Sebastian Jones	3900		
04-Sep-03	8:00 AM	Sebastian Jones	3907		
04-Sep-03	8:00 AM	Sebastian Jones	3909		
04-Sep-03	8:00 AM	Sebastian Jones	4045		
04-Sep-03	8:00 AM	Sebastian Jones	4065		
04-Sep-03	8:00 AM	Sebastian Jones	4128		

04-Sep-03	8:00 AM	Sebastian Jones	4161		
04-Sep-03	8:00 AM	Sebastian Jones	4158		
04-Sep-03	8:00 AM	Sebastian Jones	4162		
04-Sep-03	8:00 AM	Sebastian Jones	4184		
04-Sep-03	8:00 AM	Sebastian Jones	4182		
04-Sep-03	11:30 AM	Sebastian Jones	3919		
02-Sep-03	4:00 PM	Rodger Mendehlson	3503		
03-Sep-03	8:00 AM	Rodger Mendehlson	3564		
03-Sep-03	8:00 AM	Rodger Mendehlson	3586		
04-Sep-03	8:00 AM	Rodger Mendehlson	3665		
04-Sep-03	8:00 AM	Rodger Mendehlson	3725		
04-Sep-03	8:00 AM	Rodger Mendehlson	3779		
04-Sep-03	8:00 AM	Rodger Mendehlson		5780	Green
04-Sep-03	12:00 PM	Rodger Mendehlson	3828		

Chum Test Fishery Data – Catch information

Date	Time	Fisher	Males	Females	TTL Catch	DFO	Other	TTL Tags	Adipose Punch (w/tags)	Adipose Punch (w/o tags)	Lower Caudal Punch	Upper Caudal Punch	Comments:
24-Aug-03	4:00 PM	Cor Guimond	5	2	7			0					Bycatch for period: 3 inconnu, 1 grayling
25-Aug-03	12:00 AM	Cor Guimond	1	1	2			0					Bycatch for period: 3 inconnu, 1 grayling
25-Aug-03	8:00 AM	Cor Guimond	9	3	12	3		3	3				Bycatch for period: 3 inconnu, 1 grayling
25-Aug-03	4:00 PM	Cor Guimond	2	2	4			0					Bycatch for period: 3 inconnu, 1 grayling
26-Aug-03	12:00 AM	Cor Guimond	4	3	7			0					Bycatch for period: 3 inconnu, 1 grayling
26-Aug-03	8:00 AM	Cor Guimond	6	4	10			0					Bycatch for period: 3 inconnu, 1 grayling
24-Aug-03	4:00 PM	Mel Besharah	2	5	7	1		1	1				
25-Aug-03	12:00 AM	Mel Besharah	4	3	7	1		1	1				
25-Aug-03	8:00 AM	Mel Besharah	7	4	11			0					
25-Aug-03	4:00 PM	Mel Besharah	7	11	18	2		2	2				
26-Aug-03	12:00 AM	Mel Besharah	7	9	16		1	1					
26-Aug-03	8:00 AM	Mel Besharah	2	7	9	1		1	1				
26-Aug-03	4:00 PM	Sebastian Jones	7	4	11			0					
27-Aug-03	12:00 AM	Sebastian Jones	8	6	14			0					
27-Aug-03	8:00 AM	Sebastian Jones	7	2	9			0			1		
27-Aug-03	4:00 PM	Sebastian Jones	20	19	39	4	1	5	4				
28-Aug-03	12:00 AM	Sebastian Jones	10	9	19			0			1		
28-Aug-03	8:00 AM	Sebastian Jones	10	15	25	1		1	1				
26-Aug-03	4:00 PM	Rodger Mendehlson	3	2	5			0					Bycatch for period: 3 inconnu, 2 grayling
27-Aug-03	12:00 AM	Rodger Mendehlson	5	2	7			0					Bycatch for period: 3 inconnu, 2 grayling
27-Aug-03	8:00 AM	Rodger Mendehlson	21	3	24			0					Bycatch for period: 3 inconnu, 2 grayling
27-Aug-03	4:00 PM	Rodger Mendehlson	8	2	10			0					Bycatch for period: 3 inconnu, 2 grayling
28-Aug-03	12:00 AM	Rodger Mendehlson	9	4	13	1		1	1		3		Bycatch for period: 3 inconnu, 2 grayling
28-Aug-03	8:00 AM	Rodger Mendehlson	12	3	15			0			2		Bycatch for period: 3 inconnu, 2 grayling
28-Aug-03	12:00 PM	Rodger Mendehlson	2	2	4	1		1	1				Bycatch for period: 3 inconnu, 2 grayling
31-Aug-03	4:00 PM	Mel Besharah	19	13	32			0					Bycatch for period: 1 Chinook
01-Sep-03	12:00 AM	Mel Besharah	24	17	41			0					Bycatch for period: 1 Chinook
01-Sep-03	8:00 AM	Mel Besharah	21	15	36		2	2			1		Bycatch for period: 1 Chinook
01-Sep-03	4:00 PM	Mel Besharah	21	17	38	2	1	3	2				Bycatch for period: 1 Chinook

02-Sep-03	12:00 AM	Mel Besharah	17	17	34			0			Bycatch for period: 1 Chinook
02-Sep-03	8:00 AM	Mel Besharah	32	17	49	1		1	1		Bycatch for period: 1 Chinook
31-Aug-03	4:00 PM	Cor Guimond	8	7	15		1	1			Bycatch for period: 1 inconnu
01-Sep-03	12:00 AM	Cor Guimond	10		10	1		1	1		Bycatch for period: 1 inconnu
01-Sep-03	8:00 AM	Cor Guimond	14	9	23			0			Bycatch for period: 1 inconnu
01-Sep-03	4:00 PM	Cor Guimond	14	13	27	2		2	2		Bycatch for period: 1 inconnu
02-Sep-03	12:00 AM	Cor Guimond	7	3	10			0			Bycatch for period: 1 inconnu
02-Sep-03	8:00 AM	Cor Guimond	8	8	16			0			Bycatch for period: 1 inconnu
02-Sep-03	4:00 PM	Sebastian Jones	30	26	56	1	1	2	1		Bycatch for period: 1 inconnu, 1 cisco
03-Sep-03	12:00 AM	Sebastian Jones	7	2	9			0		1	Bycatch for period: 1 inconnu, 1 cisco
03-Sep-03	8:00 AM	Sebastian Jones			0			0			Bycatch for period: 1 inconnu, 1 cisco
03-Sep-03	4:00 PM	Sebastian Jones	31	25	56	8		8	8		Bycatch for period: 1 inconnu, 1 cisco
04-Sep-03	12:00 AM	Sebastian Jones	29	13	42	4		4	4		Bycatch for period: 1 inconnu, 1 cisco
04-Sep-03	8:00 AM	Sebastian Jones	40	30	70	11	1	12	11	1	Bycatch for period: 1 inconnu, 1 cisco
04-Sep-03	11:30 AM	Sebastian Jones	11	2	13	1		1	2	1	Bycatch for period: 1 inconnu, 1 cisco
02-Sep-03	4:00 PM	Rodger Mendehlson	6	4	10	1		1	1		Bycatch for period: 1 inconnu
03-Sep-03	12:00 AM	Rodger Mendehlson	5	2	7			0			Bycatch for period: 1 inconnu
03-Sep-03	8:00 AM	Rodger Mendehlson	18	12	30	2		2	2	3	Bycatch for period: 1 inconnu
03-Sep-03	4:00 PM	Rodger Mendehlson	4		4			0			Bycatch for period: 1 inconnu
04-Sep-03	12:00 AM	Rodger Mendehlson	2	1	3			0			Bycatch for period: 1 inconnu
04-Sep-03	8:00 AM	Rodger Mendehlson	33	16	49	3	1	4			Bycatch for period: 1 inconnu
04-Sep-03	12:00 PM	Rodger Mendehlson	7	3	10	1					Bycatch for period: 1 inconnu

Appendix E – Project Financial Statements

“CRE-11-03 Financial Statements.xls”

Chinook Test Fishery 2003 - Actual

Details:

Number of Test Fishery Openings (weeks):	2
Number of Test Fishing Teams (fishing per week):	4
Number of days per opening:	2
Number of days per opening/per team (including prep/travel time @ 1 d/per opening)	3
Number of Coordinator days per opening:	2
Number of Coordinator days for preparatory work and final reporting/project:	8
Number of Commercial fishers per team:	1
Number of Assistants per team:	1
Total Commercial Fisher person days:	24
Total Assistant person days:	24
Total Coordinator days:	12
Coordinator wage per day:	\$ 250.00
Commercial Fisher wage per day:	\$ 250.00
Assistant Fisher wage per day:	\$ 200.00
Per day equipment rental, fuel and food expense:	\$ 250.00
Project Administration rate	8.0%

Chinook Test Fishery 2003 - Actual

Wages:

Commercial Fishers:	24	person days	@	\$ 250.00	per day	=	\$ 6,000.00
Assistants:	24	person days	@	\$ 200.00	per day	=	\$ 4,800.00
Coordinator:	12	person days	@	\$ 250.00	per day	=	<u>\$ 3,000.00</u>
Total Chinook Test Fishery Wages:							\$ 13,800.00

Expenses:

Number of Test Fishery openings:	2
Number of days total per opening/per team:	3
Number of Test Fishery Teams:	<u>4</u>
Days with expenses:	24
Per day equipment rental, fuel and food expense:	<u>\$ 250.00</u>
Total Chinook Test Fishery Expenses:	\$ 6,000.00

Total Cost of Chinook Test Fishery:	<u><u>19,800.00</u></u>
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Chum Test Fishery 2003 - Actual

Project Details:

Number of Test Fishery Openings (weeks):		2
Number of Test Fishing Teams (fishing per week):		2
Number of days per opening:		2
Number of days per opening/per team including prep/travel time @ 1 d/per opening:		3
Number of Coordinator days per opening:		1.5
Number of Coordinator days for preparatory work and final reporting/project:		6
Number of Commercial fishers per team:		2
Number of Assistants per team:		2
Total Commercial Fisher person days:		24
Total Assistant person days:		24
Total Coordinator days:		9
Coordinator wage per day:		\$ 250.00
Commercial Fisher wage per day:		\$ 250.00
Assistant Fisher wage per day:		\$ 200.00
Per day equipment rental, fuel and food expense:		\$ 250.00
Project Administration rate		8.0%

Chum Test Fishery 2003 - Actual

Wages:

Commercial Fishers:	24	person days	@	\$ 250.00	per day	=	\$ 6,000.00
Assistants:	24	person days	@	\$ 200.00	per day	=	\$ 4,800.00
Coordinator:	9	person days	@	\$ 250.00	per day	=	<u>\$ 2,250.00</u>
Total Chum Test Fishery Wages:							\$ 13,050.00

Expenses:

Number of Test Fishery openings:	2
Number of days total per opening/per team:	4.5
Number of Test Fishery Teams:	<u>2</u>
Days with expenses:	18
Per day equipment rental, fuel and food expense:	\$ 250.00
Total Chum Test Fishery Expenses:	\$ 4,500.00
Total Cost of Chum Test Fishery:	<u><u>\$ 17,550.00</u></u>

Other Expenses Related to In-Season Management Fund - Actual

Chinook Test Fishery:

Freezing Fish for Distribution to other Yukon FNs	\$ 360.00
Total Chinook Test Fishery:	\$ 360.00

Chum Test Fishery:

Repairs to Fishwheels	\$ 872.00
	\$ 872.00

Other:

*Itemize Priority Spending	
Telephone expenses (coordinator, in-season data reporting)	\$ 83.19
Ice (Chinook Test Fishery, based on 2 grey totes @\$30/tote per fishing day, per fishing operation)	\$ 480.00
Upgrades to 40 Mile Landing (to pull fishwheels)	\$ 181.90
* Chest Freezers for storing fish	\$ 1,370.65
* Net (mesh) to experiment (data collection) with mesh size vs. fish size, plus duty, GST and frieght	\$ 1,350.00
* Some limited funds for coordinator to attend planning sessions by Steering Committee (minutes, preseason prep)	\$ -
Misc.	\$ 25.00
	\$ 3,490.74

Total "Other" Expenses:

\$ 4,722.74

* These additional items have been identified as being a priority by the project's Steering Committee

Summary of Costs Related to the In-Season Management Fund CRE-11-03 - ACTUAL

Costs Related to Chinook Test Fishery:

Based on conducting:

Wages	\$ 13,800.00	2	<i>openings</i>
Expenses	\$ 6,000.00	24	<i>person/days - fishers</i>
		12	<i>person/days - coordinator</i>
Total	<hr/>		
	19,800.00		

Costs Related to Chum Test Fishery:

Wages	\$ 13,050.00	2	<i>openings</i>
Expenses	\$ 4,500.00	24	<i>person/days - fishers</i>
		9	<i>person/days - coordinator</i>
Total	<hr/>		
	\$ 17,550.00		

Other Expenses Related to Test Fishery based on Identified Priorities

Total "Other" Expenses	\$ 4,722.74	<i>* Please see "Other" for additional details</i>	
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Project Administration: \$ 3,365.82

Total Costs Related to the In-season Management Fund:

 \$ 45,438.56

<i>Amount Requested to "Top-up" Inseason Management Fund in Subsequent Year:</i>	<i>\$ 45,438.56</i>
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