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***Great Slave Lake Fishery Task Force -
Interim Report
Type of Study: Analysis/review Fisheries,
Great Slave Lake Fishery
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GREAT SLAVE LAKE FISHERY TASK FORCE -
INTERIM REPORT

Sector: Fisheries

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Analysis/Review

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INTERIM REPORT
MAY, 1984

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GREAT SLAVE LAKE FISHERY TASK FORCE
INTERIM REPORT
May, 1984

Government of the Northwest Territories
Yellowknife, N.W.T.
Yellowknife, N.W.T.
P.O. Box 1118

DEPUTY MINISTER,
ECONOMIC DEVELOPMENT AND TOURISM,
GOVERNMENT OF THE NORTHWEST TERRITORIES.

DIRECTOR GENERAL,
FISHERIES AND OCEANS
WESTERN REGION

PRESIDENT/GENERAL MANAGER
FRESHWATER FISH MARKETING CORPORATION.

Attached is an Interim Report of the Great Slave Lake Fishery Task Force.

The Task Force held 5 meetings beginning in December, 1983 with the last meeting held on May 10, 1984.

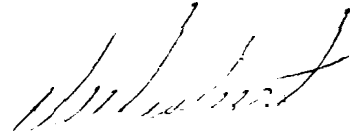
We have through this report completed most of Phases I and II of our Terms of Reference namely, the lake station distribution system and examination of fishermen's operating costs and revenues.

This **summer** a study will be conducted to examine the Broadhead operation, thereby completing the first two phases of our enquiry.

The Task Force with your concurrence, will reconvene this fall to examine the processing of Great Slave Lake Fish (Phase III).

This interim contains many recommendations covering communications, opening and closing of the lake stations this summer, the need for business management training, price support, closure of the Hay River grocery store and credit policy.

We hope that you will consider these recommendations carefully and provide for their implementation.



Don Weisbeck,
Chairman.

Attachment.

TABLE OF CONTENTS

1. Introduction
2. The Task Force - Terms of Reference
3. Deliberations and Recommendations
4. Annexes
 - 1. 1980 & 1983 Operating Statements for Lake Stations
 - 2. Lake Stations Throughput - 1980 to 1983
 - 3. Fishermen's Operating Costs.

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1. INTRODUCTION

Production from the Great Slave Lake has been fluctuating during the past 5 years due mainly to a reduction in the level of participation in the fishery than to a depleting of fish stocks. High operating costs coupled with fixed and sometimes reduced prices for medium export whitefish have created a disincentive to fish. The following table (Table I) summaries production, participation and price levels during the period 1979/1983. The combined annual quota for whitefish and lake trout during the same period was 1,681 tonnes (3.7 million pounds).

TABLE I

YEAR	TOTAL PRODUCTION ALL SPECIES-'000KG	PRODUCTION-QUOTA SPECIES-'000KG	NO OF PRODUCERS (1)	TOTAL PRICE PAID FOR MEDIUM EXPORT WHITEFISH \$/kg (2)
1979/1980	1474	1186	100	1.14
1980/1981	1583	1300	86	0.90
1981 /1982	1380	1182	76	0.90
1982/1983	1411	1214	76	0.81
1982/1 984	1095	959	59	0.81 (3)

(1) applies to all persons delivering fish through the FFMC operated pick-up/delivery system.

(2) includes initial and final payments.

(3) applies only to initial payment.

The Freshwater Fish Marketing Corporation (FFMC), a Federal Crown Agency based in Winnipeg, is responsible for the inter-provincial and export marketing of freshwater fish produced in the 3 Prairie Provinces, parts of N.W. Ontario and the Northwest Territories.

The central objective of the Corporation is to achieve the greatest possible economic returns to the aggregate of commercial fishermen operating within its jurisdiction. Notwithstanding that objective and its obligation to purchase all fish of acceptable quality, a policy of the Corporation is not to assume costs directly attributable to accommodating social considerations. Thus, Provincial or Federal departments or agencies which undertake to impose social considerations into the Corporation's operations must bear the associated costs if these considerations are at variance with the central objective of achieving the greatest possible economic returns to the aggregate of fishermen.

With respect to the Great Slave Lake Fishery, the Corporation operates a processing plant located in Hay River and a lake pick-up/delivery system consisting of 3 lake stations (delivery points) and a freighter - the Broadhead. The Corporation provides credit to fishermen during and between the summer and winter fisheries to facilitate the start-up and continuation of their operations. In addition, it provides an expediting service for fishermen's supplies. The normal practice is to charge these credits and service costs against deliveries of fish, thus, fishermen receive little or no cash payments during the fishing season.

The fishermen claim that the cost/price squeeze experienced during the past 5 years has resulted in year end deficits or at best low profit margins for the majority of them. As a result the fishermen, in general, are resentful and critical of the management, marketing and operational activities of the Corporation.

The GNWT has supported the fishery annually since 1977 in an effort to shore up prices and/or to offset a portion of the high cost of freighting on the lake. During the 1983 open water fishery, the Broadhead operating cost approximated \$0.33 per kg. (\$0.15 per lb); but the fishermen paid only \$0.07 per kg. (\$0.03 lb.), the GNWT financed the remainder of the cost. The 1983 support also included a guaranteed price of \$0.88 per kg. (\$0.40 per lb) for medium export whi tefish.

2. THE TASK FORCE

At the **May 31, 1983** meeting between the Great Slave Lake fishermen, the President/General Manager of the Freshwater Fish Marketing Corporation and representatives of the Government of the N.W.T.'s Department of **Economic** Development and Tourism, there was a **recommendation** for the convening of a Task Force to examine the operations of the Great Slave Lake Fishery **with** a view to reducing costs and improving efficiencies, particularly those of the lake pick-up/delivery system.

The Territorial **Government's** Minister of the **Economic Development** and Tourism initiated the formation of the Task Force which held its first meeting on December 1, 1983 in Hay River.

Terms of Reference

Objective:

To **examine** various options for rationalizing the operations of the Great Slave Lake Fishery that **would** result in reducing operating costs and/or increasing fishermen's **incomes**.

scope

- (1) Conduct an in-depth examination of the logistics of the existing harvesting and pick-up/delivery **systems** on the lake. This examination **should** include lake stations, fish transportation systems and harvesting constraints (ie., biological, licensing, etc.) with a view to identifying a more operationally efficient and cost effective system than now exists on the lake.
- (2) Examine fishermen's operating costs relative to their incomes and recommend on how to reduce these costs and/or increase **incomes**.
- (3) Conduct an examination of **the** cost efficiency and **socio-economic** benefits of operations currently in place for processing Great Slave Lake fish and if cleaned appropriate, recommend a processing arrangement that **would** be equally beneficial socio-economically and more efficient in terms of operating costs and timely delivery of quality products.

Accountability

The Task Force will report to the Deputy Minister, Department of Economic Development and Tourism, Government of the Northwest Territories, the Director General, Fisheries and Oceans, Western Region and the President/General Manager, Freshwater Fish Marketing Corporation.

Time Frame/Work Plan:

The ordering of the work to be carried out by the Task Force will be consistent with the numerical order of the items under "Scope". The projected date for completion of each item or Phase is:

Phase I	April 1, 1984
Phase II	May/June, 1984
Phase III	no firm date, but will be on-going simultaneously with Phase I and II. The 1984 summer fishing activity may delay completion until during fall 1984.

Participation/Membership:

The size of the Task Force is limited to 9, including 3 fishermen, one of whom will represent the fishermen from the northern coast of the lake.

Membership comprises:

- Mr. Don Weisbeck, Chairman, Government of the Northwest Territories
- Mr. Don Stewart Jr., N.W. T. Fishermen's Federation
- Mr. Ed Studney, N.W. T. Fishermen's Federation
- Ms. Toto Mayo or Johnny Nault, N.W. T. Fishermen's Federation
- Mr. Pat Bobinski, Department of Fisheries and Oceans
- Mr. Peter Thompson, Department of Fisheries and Oceans
- Mr. Sam Kunar, Freshwater Fish Marketing Corporation
- Mr. Sydney Kirwan, Secretary, Government of the Northwest Territories.

The Task Force met five times between **December** 1, 1983 and May 10, 1984 on which occasions its concerns were to develop **terms** of reference and to examine those **problems** immediately affecting the fishery for **which** changes could be introduced over the short run. The **following** concerns were specifically addressed.

- (1) ways of improving communication between the fishermen and the Corporation, particularly at the local **management** level.
- (2) historical data (operating costs, throughput and break-even) for each of the 3 lake stations.
- (3) options for scheduling the opening and closing of the lake stations during the 1984 **summer** fishery that would minimize operating costs and not adversely affect the fishermen.
- (4) fishermen' s operating **costs** for 1982 and 1983.
- (5) levels of GNWT financial assistance to be sought for the 1984 sinner fishery.
- (6) the Corporation' s credit and **supply** service; and
- (7) alternatives to the existing lake freighting **system**.

3. DELIBERATIONS & RECOMMENDATIONS

1. Communication Problems

The Task Force identified the need for improvement in communication between the Corporation and fishermen. Important information such as prices, the availability of credit, cost of supplies, the opening and closing dates of the lake stations, the first and last sailing dates for the Broadhead, and policy on after hours and week-end receiving of fish are not always available to fishermen in a timely manner. This lack of information has allegedly prevented some fishermen from planning their fishing operations adequately.

RECOMMENDATION :

The Task Force recommends that:

- (1) The FFMC releases information by April 30 and September 30 of each year relative to the prices of fish for the following summer and winter fisheries respectively.
- (2) The GNWT confirms the level of support it must be providing to the summer and winter fisheries by May 15 and October 15 of each year.
- (3) The FFMC releases by May 15 of each year, a schedule of opening and closing dates for the lake stations and sailing dates for the Broadhead.
- (4) The FFMC ensures that all fishermen are duly notified of changes in prices, expediting costs, accommodation fees, operating schedules, etc., by mail and by posted notices in the lake stations and in Hay River plant.
- (5) The fishermen elect an ombudsman for each lake station to interface with the FFMC on their behalf.

11 Lake Stations Operation:

An examination of the 1980 and 1983 operating statements for each of the 3 lake stations, (reference Annex I) revealed that:

(i) during the 1980 summer fishery, the three stations together accumulated a total operating deficit of \$19,788 (\$0.03/kg.) on a volume of 675,850/kg against an operating allowance of \$0.153 per kg.

(ii) by comparison, during 1983, the deficit increased to \$30,600 (\$0.065/kg.) on a volume of 471,990 kg. with the operating allowance remaining unchanged.

The above information gave rise to 4 major concerns, namely: the adequacy of the operating allowance, the efficiency of the lake stations' management, the rationale behind the operating periods of the stations and the inadequacy of the individual and total throughput of the stations.

A review of total weekly throughput of each station during the 1980, 1981, 1982 and 1983 summer fisheries (Annex II) relative to operating costs, indicated trends which suggest the need for scheduling the opening and closing of stations so that only two stations should be in operation at any given time if economies of scale are to be realized. If a two stations schedule were applied during 1984 it is projected that a saving in operating costs of \$30,000 would be realized. This represents a saving of \$0.033/kg. (\$0.015/lb) which could be passed on to the fishermen.

RECOMMENDATION

6. The Task Force recommends that the following schedule for operating the lake stations be implemented during the 1984 summer fishery:

STATIONS/DATE	MORaine	WOOL BAY	SIMPSON ISLAND
opening	June 25	June 29	August 15

A station may be **Closed** if throughput falls below the critical volume during **two** consecutive weeks, except due to extenuating **circumstances** such as bad weather. Critical weekly **volumes** for the lake stations are: Moraine Bay - 13,800 kg.; Wool Bay - 16,900 kg. and Simpson 1s1 and - 17,000 kg.

III Fishermen's Costs

The Task Force engaged the services of a Chartered **Accountant's** firm to **examine** the 1982 and 1983 **summer** and winter operating costs of a representative sample of 9 fishermen. (Annex III) These data suggest that the whitefish boat operators' net **incomes** ranged from a profit of \$6,942 to a loss of \$3,180 during 1982 and from a **profit of \$3,191** to a loss of \$12,600 during 1983. Skiff fishermen's **incomes** ranged from +\$6,539 to **-\$3,180** during 1982 and from +\$10,848 to -\$16,443 during 1983. The range of **incomes from** winter fishing was generally similar to the **summers'**.

The **operating** expenses of the sample indicated wide variation, suggesting that some fishermen are not operating efficiently. The Task Force recognized the need for fishermen to reduce their operating costs and identified business management training as a means of assisting fishermen to improve their operating efficiency.

RECOMMENDATION:

The Task Force recommends that:

- (6) The Fishermen's Federation in conjunction with the GNWT Department of Economic Development and Tourism identify the business **mangement** training requirements of the fishermen and assist in arranging for the delivery of an appropriate course of instructions for the benefit of **those** fishermen who require training.

IV GNWT Support:

The 1983 **summer** price for **medium** export whitefish paid by the FFMC was \$0.81/kg. (\$0.37 /lb.) f.o.b. Hay River, the GNAT's price support was \$0.29/kg. (\$0.13/lb.) for a total gross price of \$1.10/kg. (\$0.50 /lb.) The net price after freight costs, was \$0.88/kg. The average break-even price for the 9 selected fishermen during 1983 was \$0.90/kg. (\$0.41/lb.).

The recently announced 1984 price for medium export whitefish was \$0.86/kg. (\$0.39/lb) and with freight and operating costs projected to remain unchanged, fishermen's earnings from that species before GNWT support would be \$0.64 per kg. (\$0.29/lb.). Assuming a 5% increase in fishermen's operating costs over 1983's, their break-even price would be \$0.94/kg. (\$0.43/lb) thus the minimum level of support to attain break-even is \$0.30/kg. (\$0.136/lb.).

RECOMMENDATION

The Task Force recommends that:

(7) The GNWT supports the price of export whitefish only during the 1984 summer fishery.

(8) The level of support be in the order of \$0.33/kg. (\$0.15 /lb.)

(9) The savings in cost realized by operating two, rather than three stations, estimated at \$0.033/kg (\$0.015/lb) be passed on to the fishermen through the price support program. This benefit will apply if the following closing schedule for the lake stations is followed:

Moraine Bay	Wool Bay	Simpson Island
-----	-----	-----
August 14	October 10	October 11
-----	-----	-----

his benefit will not apply during the overlap period should there be any overlap between the closing of Moraine Bay and the opening of Simpson Island.

(10) No consideration be given at this time to support the winter fishery.

(11) In addition to export whitefish, the GNWT supports the Broadhead operating cost to a maximum of \$185,800; this amount to include the savings realized by operating two stations.

VFFMC's Credit and Expediting Service:

The Corporation, provides credit, **supplying** and expediting services to fishermen throughout the **summer** fishery. Credit is available for fishing start-up and for day to day operation, fuel, groceries, wages, etc. The Corporation operates a groceries and hardware supplies outlet and has been involved in delivering those supplies it provides and in picking up and delivering supplies **from** other suppliers. The grocery store has operated at a loss during **the** past 5 years and the Corporation would like to discontinue that operation and as an alternative arrange for a local outlet to supply groceries. The Corporation is prepared **to** continue to supply gear and other **equipment** and to make pick up **from** other suppliers on condition that an accommodation fee or handling charge is applied **to** the latter service.

The Task Force was concerned about the Corporation's credit policy relative to the substantial balances **owed** by some fishermen and identified the need for addressing the broad question of fishermen's financing requirements.

RECOMMENDATION:

The Task Force **recommends** that:

- (12) Closure of the grocery store be conditional on the discontinuation of the accommodation charge.
- (13) The FPMC **examines** its credit policy relative to fishermen's production and operating costs.
- (14) The Task Force when it reconvenes undertakes to examine alternative feasible credit arrangements for Great Slave Lake fishermen.

VI Lake Freightng **System:**

The Task Force **examined**, in a rather superficial way, the existing lake freightng system relative to its 1983 operating costs \$0/33/kg. (\$0.15/lb) and the prospect for substantial increases in maintenance and repair costs in the future **due** to the pitted condition of the hull of the Broadhead.

RECOMMENDATION:

The Task Force recommends that:

(15) The Fishermen's Federation and the FFMC as proponents, in cooperation with the Department of Economic Development and Tourism develop a feasibility study proposal for alternatives to the existing lake freighting system for Economic Development Agreement (EDA) funding consideration.

(16) The above study be conducted during the summer of 1984.

ANNEX I

Wool Bay 1980

Wool Bay 1980	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Total
Catch	0	486	8603	9276	12330	8617	8346	3952	8300	20301	100211
Number of Fishermen	0	1	7	9	12	8	12	13	12	15	15
Number of Peliveries	0	1	22	24	40	40	59	43	29	68	326
Number of Plant Workers	2	2	2	2	2	2	2	2	2	2	2

Plant Revenue	0	74	1316	1419	1886	1318	2807	2135	1270	3106	15332
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Variable Costs

Plant Manager	400	400	400	400	400	400	400	400	400	400	4000
Plant Wages	610	610	610	610	610	610	610	610	610	610	6100
Telephone	88	88	88	88	88	88	88	88	88	88	880
Workhouse	200	200	200	200	200	200	200	200	200	200	1995
Equipment Maintenance	329	339	510	524	588	510	715	623	504	756	5398
Diesel Fuel and Oil	558	558	558	558	558	558	558	558	558	558	5580
Plant Supplies	78	78	78	78	78	78	78	78	78	78	777
Miscellaneous	117	135	135	135	135	135	135	135	135	135	1335
Total Variable	2379	2407	2578	2593	2657	2579	2784	269	2572	2825	26065

Fixed Costs

Supervisor/Management Set-up	1427										
Depreciation	1900										
Fixed Asset Interest	950										
Working Capital											
Total Fixed	4277	0	0	0	0	0	0	0	0	0	4277

Profit/Loss per week	-2379	-2333	-1267	-1173	-770	-1260	23	-556	-1302	281	-15009
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Cumulative

Revenue	0	74	1391	2810	4696	6015	8822	10956	12226	15332
Fixed	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277
Variable	2379	4787	7365	9958	12614	15193	17977	20668	23240	26065
Profit/Loss	-6656	-6989	-6251	-11423	-12195	-13455	-13432	-13988	-15291	-15009

Wool Day 1980

Wool Day	1980	11	12	13	14	15	16	17	18	19	20	Total
Catch	20023	4314	19335	11023	23958	6836	18486	20403	0	0	0	223991
Number of Fishermen	16	9	11	11	14	11	10	3	0	0	0	0
Number of Bellies	72	11	47	46	60	18	34	16	0	0	0	630
Number of Plant Workers	2	2	2	2	2	2	2	2	2	2	2	0
Plant Revenue	3064	660	2958	1687	3574	1046	2829	3122	0	0	0	34271
Variable Costs												
Plant Manager	400	400	400	400	400	400	400	400	400	400	400	7600
Plant Wages	610	610	610	610	610	610	610	610	610	610	610	11590
Telephone	88	88	88	88	88	88	88	88	88	88	88	1672
Bunkhouse	200	200	200	200	200	200	200	200	200	200	200	3791
Equipment Maintenance	750	420	736	561	821	473	718	758	329	558	10764	10601
Diesel Fuel and Oil	558	558	558	558	558	558	558	558	558	558	558	10601
Plant Supplies	78	78	78	78	78	78	78	78	78	78	78	1476
Miscellaneous	117	135	135	135	135	135	135	135	135	135	135	2535
Total Variable	2801	2488	2804	2629	2889	2541	2787	2927	2397	0	0	50228
Fixed Costs												
Supervision/Management												
Setup												
Depreciation												
Fixed Asset Interest												
Working Capital												
Total Fixed	0	0	0	0	0	0	0	0	0	0	0	4277
Profit/Loss per week	263	-1828	154	-943	685	-1495	42	295	-2397	0	0	-20235
Cumulative												
Revenue	18396	19056	22014	23701	27274	28320	31149	34271	34271	34271	34271	34271
Fixed	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277
Variable	28865	31353	34158	36787	39676	42218	45004	47831	50228	50228	50228	50228
Profit/Loss	-14747	-16575	-16421	-17364	-16679	-18174	-18132	-17837	-20235	-20235	-20235	-20235

Wool Bay 1983

Wool Bay	1983	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Total
Catch	0	0	0	0	0	0	0	3341	36987	15597	4105	60030
Number of Fishermen	0	0	0	0	0	0	0	5	10	10	9	
Number of Deliveries	0	1	0	0	0	0	0	6	34	28	15	84
Number of Plant Workers	0	0	0	0	0	0	0	2	2	2	2	
Plant Revenue	0	0	0	0	0	0	0	511	5659	2306	628	9185
Variable Costs												
Plant Manager	0	0	0	0	0	0	0	400	400	400	400	2000
Plant Wages	0	0	0	0	0	0	0	610	610	610	610	3050
Telephone	0	0	0	0	0	0	0	88	88	88	88	440
Bunkhouse	0	0	0	0	0	0	0	200	200	200	200	998
Equipment Maintenance	0	0	0	0	0	0	0	329	379	1108	415	2908
Diesel Fuel and Oil	0	0	0	0	0	0	0	558	558	558	558	2790
Plant Supplies	0	0	0	0	0	0	0	78	78	78	78	389
Miscellaneous	0	0	0	0	0	0	0	135	135	135	135	677
Total Variable	0	0	0	0	0	0	0	2397	2468	3176	2484	13250
Fixed Costs												
Supervision/Management	1427											
Set-up	1900											
Depreciation	950											
Fixed Asset Interest												
Working Capital												
Total Fixed	4277	0	0	0	0	0	0	0	0	0	0	4277
Profit/Loss per week	0	0	0	0	0	0	-2397	-1956	2483	-339	-1856	-8343
Cumulative												
Revenue	0	0	0	0	0	0	0	511	6170	8557	9185	
Fixed	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	
Variable	0	0	0	0	0	0	0	4865	8041	10767	13250	
Profit/Loss	-4277	-4277	-4277	-4277	-4277	-4277	-6674	-8631	-6148	-6487	-8343	

Week 1 Bay 1983

Week	11	12	13	14	15	16	17	18	19	20	Total
Week 1983	11	12	13	14	15	16	17	18	19	20	
Catch	13747	32231	20964	19387	14475	0301	24814	743	0	0	97692
Number of Fishermen	8	13	9	9	8	8	12	3	0	0	
Number of Deliveries	23	22	9	18	13	19	13	3	0	0	204
Number of Plant Workers	2	2	2	2	2	2	2	2	2	2	

Plant Revenue	2103	4931	3207	2966	2215	1576	3797	267	0	0	30247
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Variable Costs

Plant Manager	400	400	400	400	400	400	400	400	400	400	400	0	5600
Plant Wages	610	610	610	610	610	610	610	610	610	610	610	0	6540
Telephone	88	88	88	88	88	88	88	88	88	88	88	0	1232
Bunkhouse	200	200	200	200	200	200	200	200	200	200	200	0	2793
Equipment Maintenance	618	1008	770	737	634	546	851	365	329	0	0	0	8766
Diesel Fuel and Oil	558	558	558	558	558	558	558	558	558	558	558	0	7811
Plant Supplies	78	78	78	78	78	78	78	78	78	78	78	0	1083
Miscellaneous	117	135	135	135	135	135	135	135	135	135	135	0	1876
Total Variable	2669	3076	2839	2806	2702	2614	2920	2434	2397	0	0	0	37706

Fixed Costs

Supervision/Management	0	0	0	0	0	0	0	0	0	0	0	0	0
Set-up	0	0	0	0	0	0	0	0	0	0	0	0	0
Depreciation	0	0	0	0	0	0	0	0	0	0	0	0	0
Fixed Asset Interest	0	0	0	0	0	0	0	0	0	0	0	0	0
Working Capital	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Fixed	0	0	0	0	0	0	0	0	0	0	0	0	4277

Profit/Loss per week	-565	1855	369	61	-487	-1038	877	-2167	-2397	0	0	0	-11737
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Cumulative

Revenue	11288	16219	19427	22393	24608	26184	29980	30247	30247	30247	30247	30247	30247
Fixed	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277	4277
Variable	15919	18995	21834	24639	27341	29955	32875	35309	37706	37706	37706	37706	37706
Profit/Loss	-8908	-7053	-6684	-6523	-7011	-8049	-7172	-9339	-11737	-11737	-11737	-11737	-11737

Mont Bay 1930

400 Tub Boat: Mont Bay

Number of Trips	0	1	1	2	2	2	2	3	2	2	3	13
Trip Distance	26	26	26	26	26	26	26	26	26	26	26	26

Revenue	0	32	568	612	814	569	1211	921	548	1340	6614
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Variable Costs

Captain	0	990	990	990	990	990	990	990	990	990	8910
Engineer	0	941	941	941	941	941	941	941	941	941	8465
Deckhand	0	330	330	330	330	330	330	330	330	330	2970
Bunkhouse	0	200	200	200	200	200	200	200	200	200	1800
Maintenance	0	265	265	265	265	265	265	265	265	265	2385
Fuel	0	44	44	88	88	88	132	88	88	132	789
Telephone	0	100	100	100	100	100	100	100	100	100	900
Miscellaneous	0	200	200	200	200	200	200	200	200	200	1800
Freight Costs	0	18	314	339	450	315	670	509	303	741	3658
Total Variable	0	3097	3383	3452	3563	3428	3827	3622	3416	3898	3676

Fixed Costs

Insurance	2500										
Fixed Asset Interest	9300										
Depreciation	6667										
Total Fixed	18467	0	0	0	0	0	0	0	0	0	18467

Profit/Loss per week 0 -3055 -2816 -2840 -2749 -2859 -2616 -2702 -2863 -2558 -43529

Cumulative

Revenue	0	32	600	1212	2026	2595	3805	4726	5274	6614
Fixed	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467
Variable	0	3067	6470	9922	18467	1693	20740	24362	27778	31676
Profit/Loss	-18467	-21552	-24337	-27177	-29926	-32785	-35401	-38103	-40971	-43529

Wool Bay 1933

400 Tub Boat: Wool Bay

	A	B	C	D	E	F	G	H	I	J	K		
Number of Trips	0	0	0	0	0	0	0	0	1	4	2	1	0
Trip Distance	26	26	26	26	26	26	26	26	26	26	26	26	

Revenue	0	0	0	0	0	0	0	0	221	241	1029	271	3962
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Variable Costs

Captain	0	0	0	0	0	0	0	0	990	990	990	990	3960
Engineer	0	0	0	0	0	0	0	0	941	941	941	941	3762
Deckhand	0	0	0	0	0	0	0	0	330	330	330	330	1320
Bunkhouse	0	0	0	0	0	0	0	0	200	200	200	200	800
Maintenance	0	0	0	0	0	0	0	0	265	265	265	265	1060
Fuel	0	0	0	0	0	0	0	0	44	175	88	44	351
Telephone	0	0	0	0	0	0	0	0	100	100	100	100	400
Miscellaneous	0	0	0	0	0	0	0	0	200	200	200	200	800
Freight Costs	0	0	0	0	0	0	0	0	122	1350	569	150	2191

Total Variable	0	0	0	0	0	0	0	0	3191	4951	3682	3219	14644
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Fixed Costs

Insurance	2500
Fixed Asset Interest	9300
Depreciation	6667

Total Fixed	18467	0	0	0	0	0	0	0	0	0	0	0	18467
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Profit/Loss per week	0	0	0	0	0	0	0	0	-2971	-2110	-2653	-2948	29149
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Cumulative

Revenue	0	0	0	0	0	0	0	0	221	2662	3691	3962
Fixed	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467
Variable	0	0	0	0	0	0	0	0	3191	7742	11425	14644
Profit/Loss	-18467	-18467	-18467	-18467	-18467	-18467	-18467	-18467	-21437	-23547	-26200	-29149

Wool Bay 1983

400 Tub Boat Wool Bay

Number of Trips	2	4	3	2	2	2	2	3	1	0	0	0	27
Trip Distance	26	26	26	26	26	26	26	26	26	26	26	26	26

Revenue	907	2127	1384	1280	955	680	1638	115	0	0	0	13048
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Variable Costs

Captain	990	990	990	990	990	990	990	990	990	0	0	0	11880
Engineer	941	941	941	941	941	941	941	941	941	0	0	0	11286
Deckhand	330	330	330	330	330	330	330	330	330	0	0	0	3960
Bunkhouse	200	200	200	200	200	200	200	200	200	0	0	0	2400
Maintenance	265	265	265	265	265	265	265	265	265	0	0	0	3180
Fuel	88	175	132	88	88	88	132	44	44	0	0	0	1184
Telephone	100	100	100	100	100	100	100	100	100	0	0	0	1200
Miscellaneous	200	200	200	200	200	200	200	200	200	0	0	0	2400
Freight Costs	502	1176	765	708	528	376	905	64	0	0	0	7216	
Total Variable	3615	4377	3922	3821	3642	3489	4063	3133	0	0	0	44705	

Fixed Costs

Insurance
Fixed Asset Interest
Depreciation

Total Fixed	0	0	0	0	0	0	0	0	0	0	0	0	18467
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Prof t/Loss per week	-2708	-2250	-2539	-2541	-2686	-2809	-2425	-3019	0	0	0	-50125
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Cumulative

Revenue	4869	6997	8380	9660	10615	11295	12933	13048	13048	13048	13048	13048
Fixed	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467
Variable	18259	22636	26558	30379	34021	37510	41573	44706	44706	44706	44706	44706
Profit/Loss	-31856	-34106	-36645	-39186	-41872	-44682	-47107	-50125	-50125	-50125	-50125	-50125

Moraine Bay

Moraine Bay 1980	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Total
Catch	0	0	0	2192	15218	26329	24207	2199	6861	28523	34529
Number of Fishermen	0	0	0	6	9	11	10	13	11	11	11
Number of Deliveries	0	0	0	9	37	49	43	33	30	56	257
Number of Plant Workers	0	0	2	2	2	2	2	2	2	2	2

Plant Revenue	0	0	0	335	2328	4028	3704	3243	2580	4364	20583
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Variable Costs

Plant Manager	0	0	400	400	400	400	400	400	400	400	400	3200
Plant Wages	0	0	610	610	610	610	610	610	610	610	610	4880
Telephone	0	0	73	73	73	73	73	73	73	73	73	584
Boothouse	0	0	200	200	200	200	200	200	200	200	200	1596
Equipment Maintenance	0	0	78	98	220	324	304	276	235	344	344	1880
Diesel Fuel and Oil	0	0	115	146	325	479	449	408	348	509	509	2779
Plant Supplies	0	0	63	63	63	63	63	63	63	63	63	505
Miscellaneous	0	0	135	135	135	135	135	135	135	135	135	1082
Total Variable	0	0	1674	725	2026	2284	2234	2165	2064	2334	2334	6507

Fixed Costs

Supervision/Management Set-up	1971											
Depreciation	850											
Fixed Asset Interest	420											
Working Capital												
Total Fixed	3241	0	0	0	0	0	0	0	0	0	0	3241

Profit/Loss per week	0	0	-1674	-1390	302	1745	1469	1079	55	2030	836
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Cumulative

Revenue	0	0	0	335	2664	6692	10396	13639	16219	20583	
Fixed	3241	3241	3241	3241	3241	3241	3241	3241	3241	3241	
Variable	0	0	1674	3399	5426	7709	9943	12108	14173	16507	
Profit/Loss	-3241	-3241	-4915	-6304	-6002	-4257	-2788	-1710	-1194	836	

Moraine Bay 1980

Moraine Bay 1980	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Tota
Catch	19893	6019	10414	6074	21555	9338	2170	0	0	0	209992
Number of Fishermen	8	9	6	9	8	6	2	0	0	0	0
Number of Deliveries	38	13	20	24	43	14	20	0	0	0	429
Number of Plant Workers	2	2	2	2	2	2	2	2	0	0	0

Plant Revenue	3040	921	1573	929	3298	1429	332	0	0	0	32129
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Variable Costs

Plant Manager	400	400	400	400	400	400	400	400	400	400	400	4400
Plant Wages	610	610	610	610	610	610	610	610	610	610	610	9760
Telephone	73	73	73	73	73	73	73	73	73	73	73	1168
Bankhouse	200	200	200	200	200	200	200	200	200	200	200	3192
Equipment Maintenance	264	134	175	135	279	165	98	78	0	0	0	3209
Diesel Fuel and Oil	390	198	259	199	413	244	145	115	0	0	0	4743
Plant Supplies	63	63	63	63	63	63	63	63	63	63	63	1010
Miscellaneous	135	135	135	135	135	135	135	135	135	135	135	2165

Total Variable	2135	1813	1915	1815	2173	1890	1724	1674	0	0	31647
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Fixed Costs

- Supervision/Management
- Set-up
- Depreciation
- Fixed Asset Interest
- Working Capital

Total Fixed	0	0	0	0	0	0	0	0	0	0	3241
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Profit/Loss per week	909	-893	-322	-885	25	-462	-1392	-1674	0	0	-2759
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Cumulative

Revenue	23627	24547	26141	27070	30368	31797	32129	32129	32129	32129	32129
Fixed	3241	3241	3241	3241	3241	3241	3241	3241	3241	3241	3241
Variable	18641	20455	22370	24185	26358	28248	29973	31647	31647	31647	31647
Profit/Loss	1745	852	530	-355	770	308	-1084	-2759	-2759	-2759	-2759

Moraine Bay 1980

400 Tub Boat: Moraine Bay

	95	95	95	95	95	95	95	95	95	95	95	95
Number of Trips	0	0	0	1	2	4	4	3	2	4	95	20
Trip Distance	95	95	95	95	95	95	95	95	95	95	95	95
Revenue	0	0	0	145	1004	1738	1598	1379	1113	1883	8979	
Variable Costs												
Captain	0	0	0	990	990	990	990	990	990	990	6930	
Engineer	0	0	0	941	941	941	941	941	941	941	6584	
Deckhand	0	0	0	330	330	330	330	330	330	330	2310	
Bunkhouse	0	0	0	200	200	200	200	200	200	200	1400	
Maintenance	0	0	0	265	265	265	265	265	265	265	1855	
Fuel	0	0	0	161	321	642	642	462	321	642	3211	
Telephone	0	0	0	100	100	100	100	100	100	100	700	
Miscellaneous	0	0	0	200	200	200	200	200	200	200	1400	
Freighting Costs	0	0	0	0	0	0	0	0	0	0	0	
Total Variable	0	0	0	3186	3347	3668	3668	3507	3347	3668	24390	
Fixed Costs												
Insurance	2500											
Fixed Asset Interest	9300											
Depreciation	6667											
Total Fixed	18467	0	0	0	0	0	0	0	0	0	18467	
Profit/Loss per week	0	0	0	-3041	-2342	-1930	-2070	-2108	-2284	-1785	-33977	
Cumulative	0	0	0	145	1149	2887	4484	5884	6996	8879		
Revenue	0	18467	18467	18467	18467	18467	18467	18467	18467	18467	8879	
Fixed Variable	0	0	0	3186	6583	10200	13868	17375	20722	24390		
Profit/Loss	-18467	-18467	-18467	-21508	-23850	-25780	-27850	-29958	-32192	-33977		

Moraine Bay 1983

Moraine Bay 1983	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Total	
Catch	0	0	0	0	0	0	3283	12848	11761	13648	41540
Number of Fishermen	0	0	0	0	0	0	2	4	7	5	82
Number of Deliveries	0	0	0	0	0	0	8	23	24	27	82
Number of Plant Workers	0	0	0	0	0	0	2	2	2	2	
Plant Revenue	0	0	0	0	0	0	502	1966	1799	2088	6356
Variable Costs	0	0	0	0	0	0	400	400	400	400	2000
Plant Manager	0	0	0	0	0	0	400	400	400	400	2000
Plant Wages	0	0	0	0	0	0	610	610	610	610	3050
Telephone	0	0	0	0	0	0	73	73	73	73	365
Bunkhouse	0	0	0	0	0	0	200	200	200	200	998
Equipment Maintenance	0	0	0	0	0	0	78	198	188	205	778
Diesel Fuel and Oil	0	0	0	0	0	0	115	161	293	304	1150
Plant Supplies	0	0	0	0	0	0	63	63	63	316	677
Miscellaneous	0	0	0	0	0	0	135	135	135	135	677
Total Variable	0	0	0	0	0	0	1674	1750	1946	1990	9332
Fixed Costs	/										
Supervision/Management	1971										
Set-up	850										
Depreciation	420										
Fixed Asset Interest											
Working Capital											
Total Fixed	3241	0	0	0	0	0	0	0	0	0	3241
Profit/Loss per week	0	0	0	0	0	-1674	-1248	-6	-147	98	-6217
Cumulative	0	0	0	0	0	0	502	2468	4267	6356	
Revenue	0	0	0	0	0	0	502	2468	4267	6356	
Fixed	3241	3241	3241	3241	3241	3241	3241	3241	3241	3241	
Variable	0	0	0	0	0	0	3424	5396	7342	9332	
Profit/Loss	-3241	-3241	-3241	-3241	-3241	-3241	-6168	-6168	-6315	-6217	

Moraine Bay 963

Moraine Bay 1963	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Total
Catch	6568	0	20766	5776	14362	7768	3089	0	0	0	129809
Number of Fishermen	5	0	5	5	7	7	6	0	0	0	0
Number of Deliveries	15	0	18	5	8	7	8	0	0	0	143
Number of Plant Workers	2	2	2	2	2	2	2	2	0	0	0

Plant Revenue 2535 0 3177 2414 2197 1192 2003 0 0 0 17873

Variable Costs

Plant Manager	400	400	400	400	400	400	400	400	0	0	5200
Plant Wages	610	610	610	610	610	610	610	610	0	0	7930
Telephone	73	73	73	73	73	73	73	73	0	0	949
Bunkhouse	200	200	200	200	200	200	200	200	0	0	2594
Equipment Maintenance	233	78	272	225	212	151	200	78	0	0	2227
Diesel Fuel and Oil	344	115	402	333	314	223	295	115	0	0	3292
Plant Supplies	63	63	63	63	63	63	63	63	0	0	820
Miscellaneous	135	135	135	135	135	135	135	135	0	0	1759
Total Variable	2058	1674	2155	2039	2007	1854	1977	1674	0	0	24771

Fixed Costs

- Supervision/Management
- Set-up
- Depreciation
- Fixed Asset Interest
- Working Capital

Total Fixed 0 0 0 0 0 0 0 0 0 0 0 324

Profit/Loss per week 477 -1674 1022 374 191 -663 26 -1674 0 0 0 -8255

Cumulative

Revenue	8891	8891	12068	14482	16679	17871	19873	19873	19873	19873	19873
Fixed	3241	3241	3241	3241	3241	3241	3241	3241	3241	3241	3241
Variable	11369	13043	15198	17237	19244	21098	23075	24750	24750	24750	24750
Profit/Loss	-5719	-7393	-6370	-5976	-5805	-6468	-6443	-8117	-8117	-8117	-8117

400 TUB BOAT: MORaine Bay

Number of Trips	Trip Distance	Revenue	Variable Costs											
0	95	0	0	0	0	0	0	0	0	0	0	0	0	0
0	95	0	0	0	0	0	0	0	0	0	0	0	0	0
0	95	0	0	0	0	0	0	0	0	0	0	0	0	0
0	95	0	0	0	0	0	0	0	0	0	0	0	0	0
1	95	217	990	990	990	990	990	990	990	990	990	990	990	990
2	95	848	990	990	990	990	990	990	990	990	990	990	990	990
2	95	776	990	990	990	990	990	990	990	990	990	990	990	990
2	95	901	990	990	990	990	990	990	990	990	990	990	990	990
7		2742	3960	3960	3960	3960	3960	3960	3960	3960	3960	3960	3960	3960
Variable Costs			Captain	0	0	0	0	0	0	0	0	0	0	0
			Engineer	0	0	0	0	0	0	0	0	0	0	
			Deckhand	0	0	0	0	0	0	0	0	0	0	
			Bunkhouse	0	0	0	0	0	0	0	0	0	0	
			Maintenance	0	0	0	0	0	0	0	0	0	0	
			Fuel	0	0	0	0	0	0	0	0	0	0	
			Telephone	0	0	0	0	0	0	0	0	0	0	
			Miscellaneous	0	0	0	0	0	0	0	0	0	0	
			Freighting Costs	0	0	0	0	0	0	0	0	0	0	
Fixed Costs			Insurance	2500	2500	2500	2500	2500	2500	2500	2500	2500	2500	
			Fixed Asset Interest	9300	9300	9300	9300	9300	9300	9300	9300	9300		
			Depreciation	6667	6667	6667	6667	6667	6667	6667	6667	6667		
Total Fixed			18467	18467	18467	18467	18467	18467	18467	18467	18467	18467		
Profit/Loss per week			0	0	0	0	0	0	0	0	0	0		
Cumulative			Revenue	0	18467	36934	55401	73868	92335	110802	129269	147736		
			Fixed	18467	18467	36934	55401	73868	92335	110802	129269			
			Variable	0	0	0	0	0	0	0	0			
			Profit/Loss	-18467	0	18467	36934	55401	73868	92335	110802			

Simpson Island 1980

Simpson Island 1980	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Total
Catch	0	0	0	0	5663	11512	9747	11954	10174	9505	68555
Number of Fishermen	0	0	0	0	5	6	8	11	12	12	158
Number of Deliveries	0	0	0	0	16	21	25	26	20	48	158
Number of Plant Workers	0	0	0	2	2	2	2	2	2	2	

Plant Revenue 0 0 0 0 866 1761 1491 1829 1557 2984 10489

Variable Costs

Plant Manager	0	0	0	400	400	400	400	400	400	400	2800
Plant Wages	0	0	0	610	610	610	610	610	610	610	4270
Telephone	0	0	0	130	130	130	130	130	130	130	910
Bunkhouse	0	0	0	200	200	200	200	200	200	200	1397
Equipment Maintenance	0	0	0	199	290	384	356	391	363	512	2495
Diesel Fuel and Oil	0	0	0	496	496	496	496	496	496	496	3471
Plant Supplies	0	0	0	50	50	50	50	50	50	50	350
Miscellaneous	0	0	0	135	135	135	135	135	135	135	947

Total Variable 0 0 0 2220 23 2465 2376 2412 2383 2533 16640

Fixed Costs

Supervision/Management Set-up	2894										
Depreciation	2200										
Fixed Asset Interest	1100										
Working Capital											
Total Fixed	6194	0	0	0	0	0	0	0	0	0	6194

Profit/Loss per week 0 0 0 -2220 -1444 -643 -835 -533 -827 451 -12345

Cumulative

Revenue	0	0	0	0	866	2628	4119	5948	7505	10489
Fixed	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194
Variable	0	0	0	2220	4531	6935	9312	11724	14107	16640
Profit/Loss	-6194	-6194	-6194	-8414	-9858	-10502	-11387	-11970	-12796	-12345

Simpson Island 1980

Simpson Island 1980	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Total
Catch	9592	7726	4327	27090	40572	9063	42650	31931	0	0	241506
Number of Fishermen	9	8	8	15	24	19	21	17	0	0	0
Number of Deliveries	21	20	14	69	102	26	92	62	0	0	564
Number of Plant Workers	2	2	2	2	2	2	2	2	2	2	0

Plant Revenue 1468 1182 662 4145 6208 1387 6525 4885 0 0 36950

Variable Costs

Plant Manager	400	400	400	400	400	400	400	400	400	400	0	6400
Plant Wages	610	610	610	610	610	610	610	610	610	610	0	9760
Telephone	130	130	130	130	130	130	130	130	130	130	0	2080
Bunkhouse	200	200	200	200	200	200	200	200	200	200	0	3192
Equipment Maintenance	353	323	269	634	851	345	884	712	199	0	0	7066
Diesel Fuel and Oil	496	496	496	496	496	496	496	496	496	0	0	7934
Plant Supplies	50	50	50	50	50	50	50	50	50	50	0	800
Miscellaneous	117	135	135	135	135	135	135	135	135	135	0	2147
Total Variable	2356	2344	2289	2655	2872	2365	2905	2733	2220	0	0	39379

Fixed Costs

Supervision/Management
Set-up
Depreciation
Fixed Asset Interest
Working Capital

Total Fixed 0 0 0 0 0 0 0 0 0 0 0 6194

Profit/Loss per week -888 -1162 -1627 1490 3336 -979 3620 2153 -2220 0 -8623

Cumulative

Revenue	4452	5634	6296	10441	16648	18035	24560	29446	29446	29446	29446
Fixed	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194
Variable	4889	7233	9522	12177	15049	17414	20319	23052	25272	25272	25272
Profit/Loss	-6631	-7793	-9420	-7931	-4595	-5574	-1953	200	-2020	-2020	-2020

Simpson 5 and 683

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Total
Simpson 1s and 1983	0	0	0	0	0	0	0	0	0	0	0
Catch	0	0	0	0	0	0	0	2704	3016	13572	29292
Number of Fishermen	0	0	0	0	0	0	0	3	6	9	18
Number of Deliveries	0	0	0	0	0	0	0	5	13	16	34
Number of Plant Workers	0	0	0	0	0	0	2	2	2	2	8

Plant Manager	0	0	0	0	0	0	0	414	1991	2077	4482
Plant Wages	0	0	0	0	0	0	0	0	0	0	0
Telephone	0	0	0	0	0	0	0	0	0	0	0
Bunkhouse	0	0	0	0	0	0	0	0	0	0	0
Equipment Maintenance	0	0	0	0	0	0	199	243	408	417	1267
Diesel Fuel and Oil	0	0	0	0	0	0	496	496	496	496	1984
Plant Supplies	0	0	0	0	0	0	50	50	50	50	200
Miscellaneous	0	0	0	0	0	0	135	135	135	135	541
Total Variable	0	0	0	0	0	0	2220	2263	2429	2438	9350

Fixed Costs

Supervision/Management	2894	2894	2894	2894	2894	2894	2894	2894	2894	2894	2894
Set-up	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
Depreciation	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100	1100
Fixed Asset Interest	0	0	0	0	0	0	0	0	0	0	0
Working Capital	0	0	0	0	0	0	0	0	0	0	0
Total Fixed	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194

Profit/Loss per week	0	0	0	0	0	0	-2220	-850	-437	-361	-11062
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Cumulative

Revenue	0	0	0	0	0	0	0	414	2405	4482	4482
Fixed	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194
Variable	0	0	0	0	0	0	2220	4483	6912	9350	9350
Profit/Loss	-6194	-6194	-6194	-6194	-6194	-6194	-8414	-10263	-10701	-11062	-11062

Simpson 5 and 1983

	Week 11	Week 12	Week 13	Week 14	Week 15	Week 16	Week 17	Week 18	Week 19	Week 20	Total
Simpson Island 1983											
Catch	9738	13012	16918	16381	9537	10791	17688	943	0	0	144410
Number of Fishermen	9	8	10	8	10	10	9	8	0	0	0
Number of Deliveries	15	3	10	14	18	10	14	8	0	0	136
Number of Plant Workers	2	2	2	2	2	2	2	2	2	0	0

Plant Revenue	1490	1991	2588	2506	2989	1637	3012	1379	0	0	22095
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Variable Costs

Plant Manager	400	400	400	400	400	400	400	400	400	400	0	5200
Plant Wages	610	610	610	610	610	610	610	610	610	610	0	7930
Telephone	130	130	130	130	130	130	130	130	130	130	0	1670
Bunkhouse	200	200	200	200	200	200	200	200	200	200	0	2594
Equipment Maintenance	356	408	471	462	513	371	515	346	199	0	0	4909
Diesel Fuel and Oil	496	496	496	496	496	496	496	496	496	496	0	6446
Plant Supplies	50	50	50	50	50	50	50	50	50	50	0	650
Miscellaneous	117	135	135	135	135	135	135	135	135	135	0	1741

Total Variable	2358	2429	2492	2483	2534	2392	2536	2367	2220	0	31160
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Fixed Costs

Supervision/Management												
Set-up												
Depreciation												
Fixed Asset Interest												
Working Capital												
Total Fixed	0	0	0	0	0	0	0	0	0	0	0	6194

Profit/Loss per week	-868	-438	97	23	455	-754	476	-968	-2220	0	-15259
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Cumulative

Revenue	3566	5557	8146	10652	13641	15278	18291	19690	19690	19690	19690
Fixed	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194	6194
Variable	4796	7225	9717	12200	14733	17125	19661	22028	24248	24248	24248
Profit/Loss	-7424	-7862	-7765	-7742	-7286	-6041	-7564	-8532	-10752	-10752	-10752

	Number of Trips		400 Tub Boats: Simpson Island																						
	1	2	19	0	57	57	57	57	57	57	57	57	57	57	57	57	57	57							
Revenue	643	859	9531	0	603	1297	706	1289	1081	3835	3597	3477	3597	3835	3816	3931	3608	3936	3551	0	0	40378	0	18467	
Variable Costs																									
Captain	990	990	10890	0	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	990	0	0	10890	0	10346
Engineer	941	941	10346	0	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	941	0	0	10346	0	3630
Deckhand	330	330	3630	0	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	330	0	0	3630	0	2200
Burkhouse	200	200	2200	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	0	0	2200	0	1826
Maintenance	265	265	2915	0	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	265	0	0	2915	0	192
Fuel	96	96	1056	0	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	0	0	1056	0	1100
Telephone	100	100	1100	0	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	0	0	1100	0	2200
Miscellaneous	200	200	2200	0	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	200	0	0	2200	0	5271
Freight costs	355	475	5271	0	355	475	391	713	598	713	719	355	355	475	598	719	391	719	355	355	0	0	5271	0	0
Total Variable	3477	3597	40378	0	3551	3936	3608	3931	3816	3835	3597	3477	3597	3835	3816	3931	3608	3936	3551	0	0	40378	0	18467	
Fixed Costs																									
Insurance																									
Fixed Asset Interest																									
Depreciation																									
Total Fixed	0	0	18467	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18467
Profit/Loss per week	-2834	-2738	-49314	0	-2948	-2637	-2902	-2641	-2735	-2719	-2738	-2834	-2738	-2738	-2735	-2641	-2902	-2637	-2948	-2948	0	0	-49314	0	18467
Cumulative																									
Revenue	2576	3435	9531	0	9531	8728	7628	6922	5633	4551	3435	2576	3435	4551	5633	6922	7628	8728	9531	9531	0	0	9531	0	40378
Fixed	18467	18467	18467	0	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	18467	0	0	18467	0	18467
Variable	14103	17700	40378	0	40378	36826	32890	29282	25351	21535	17700	14103	17700	21535	25351	29282	32890	36826	40378	40378	0	0	40378	0	18467
Profit/Loss	-29994	-32732	-49314	0	-49314	-46365	-43729	-40826	-38185	-35451	-32732	-29994	-32732	-35451	-38185	-40826	-43729	-46365	-49314	-49314	0	0	-49314	0	18467

ANNEX 11

TOTAL WEEKLY CAP

	DELIVERY POINT		
	MORAINNE BAY	SIMPSON ISLAND	WOOL BAY
	CATCH	CATCH	CATCH
	SUM	SUM	SUM
WEEK			
JULY 23-27	3283.00	0.00	3341.00
JULY 24-30	2484.00	2704.00	36987.00
JULY 31-AUG.6	1761.00	308.00	15597.00
AUG. 7-13	13648.00	13572.00	4105.00
AUG. 14-20	16568.00	9738.00	13747.00
AUG. 21-27	0.00	302.00	3223.00
AUG. 28- SEPT 3	20766.00	688.00	20964.00
SEPT. 4-10	15776.00	16381.00	19387.00
SEPT. 11-17	14362.00	19537.00	14475.00
SEPT. 18-24	7788.00	0701.00	030.00
SEPT 25-OCT	13089.00	19688.00	24814.00
OCT. 2-OCT. 8	0.00	9143.00	743.00
ALL	129525.00	144110.00	97692.00

WEEK	DELIVERY POINT		
	MORaine BAY	SIMPSON ISLAND	WOOL BAY
JULY 1-7	0.00	4123.00	15232.00
JULY 10-14	4902.00	20687.00	14336.00
JULY 25-31	2377.00	7065.00	3686.00
AUG. 1-7	8001.00	17500.00	17817.00
AUG. 8-14	15376.00	18292.00	18220.00
AUG. 15-21	12259.00	24970.00	12794.00
AUG. 22-28	19968.00	26514.00	29601.00
AUG. 29-SEP. 4	5499.00	8408.00	8571.00
SEPT. 5-11	8249.00	23227.00	35794.00
SEPT. 12-18	670.00	17938.00	32783.00
SEPT. 19-25	5202.00	37674.00	41790.00
SEPT. 26-OCT. 2	2262.00	37353.00	32426.00
OCT. 3-OCT. 9	0.00	6145.00	0.00
ALL	90805.00	239896.00	271050.00

WEEK	DELIVERY POINT			
	MORAINES BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH
	SUM	SUM	SUM	SUM
MAY 17-MAY 23				374.00
MAY 24-MAY 30				443.00
MAY 31-JUNE 6				277.00
JUNE 7-JUNE 13				7877.00
JUNE 14-JUNE 20				10277.00
JUNE 21-JUNE 27				27588.00
JUNE 28-JULY 4				18097.00
JULY 5-JULY 11	111.00		5500.00	5384.00
JULY 12-JULY 18	2099.00	4825.00	10284.00	4722.00
JULY 19-JULY 25	5616.00	13760.00	9537.00	8124.00
JULY 26-AUG 1	2730.00	8889.00	10012.00	9872.00
AUG 2-AUG 8	25797.00	22485.00	13015.00	8676.00
AUG 9-AUG 15	18834.00	22056.00	12742.00	7847.00
AUG 16-AUG 22	14624.00	2042.00	3251.00	835.00
AUG 23-AUG 29	15720.00	19226.00	259.00	4895.00
AUG 30-SEPT 5	4368.00	25523.00	15266.00	834.00
SEPT 6-SEPT 12	8930.00	33287.00	25655.00	3425.00
SEPT 13-SEPT 19	4030.00	25495.00	21824.00	7430.00
SEPT 20-SEPT 26	11814.00	15823.00	21017.00	6488.00
SEPT 27-OCT 3				8780.00
OCT 4-OCT 10				10506.00

(CONT. NEEDED)

WEEK	DELIVERY POINT			
	MORAINÉ BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
OCT 11-OCT 17				8733.00
OCT 18-OCT 24				1318.00
FOR ALL WEEKS	170928.00	231790.00	170694.00	170118.00
	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH
	SUM	SUM	SUM	SUM

WEEK	DELIVERY POINT			
	MORRAINE BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH
	SUM	SUM	SUM	SUM
MAY 3-10				3217.00
MAY 11-17				826.00
MAY 13-24				4714.00
MAY 23-31				4816.00
JUNE 1-7				14982.00
JUNE 8-14			486.00	24279.00
JUNE 15-21			8603.00	32984.00
JUNE 22-28	2192.00		9276.00	12746.00
JUNE 29-JULY 5	5218.00	5663.00	12330.00	11330.00
JULY 6-12	26329.00	11512.00	8617.00	7831.00
JULY 13-19	24207.00	9747.00	18346.00	10103.00
JULY 20-27	2099.00	11954.00	13952.00	1444.00
JULY 28-AUG 1	6861.00	10174.00	8300.00	15340.00
AUG 2-8	28523.00	19505.00	20301.00	22635.00
AUG 9-16	19893.00	9592.00	20023.00	24921.00
AUG 17-23	6019.00	7726.00	4314.00	21518.00
AUG 24-30	10414.00	4327.00	19335.00	6025.00
AUG 31-SEPT 6	6074.00	27090.00	11023.00	2453.00
SEPT 7-13	21555.00	40572.00	23358.00	2666.00
SEPT 14-20	9338.00	9063.00	6836.00	0827.00
SEPT 21-27	2170.00	42650.00	18488.00	4194.00

(CONTINUED)

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVES
	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH	TOTAL WEEKLY CATCH
	SUM	SUM	SUM	SUM
SEPT. 28-OCT. 4		31931.00	20403.00	3632.00
OCT. 5-11				2630.00
OCT. 12-18				5957.00
OCT. 19-25				9742.00
OCT. 26-31				2320.00
FOR ALL WEEKS	209992.00	241506.00	223991.00	287102.00

WEEKLY TOTAL NUMBER OF DELIVERIES

WEEK	DELIVERY POINT		
	MORAINÉ BAY	SIMPSON ISLAND	WOOL BAY
	NUMBER OF DELIVERIES	NUMBER OF DELIVERIES	NUMBER OF DELIVERIES
JULY 23-17	8.00	0.00	6.00
JULY 24-30	23.00	5.00	34.00
JULY 31-AUG. 6	24.00	3.00	28.00
AUG. 7-13	27.00	6.00	5.00
AUG. 14-20	15.00	15.00	23.00
AUG. 21-27	0.00	3.00	22.00
AUG. 28-SEPT. 3	18.00	10.00	9.00
SEPT. 4-10	5.00	14.00	8.00
SEPT. 11-17	8.00	18.00	3.00
SEPT. 18-24	7.00	0.00	19.00
SEPT. 25-OCT. 1	8.00	4.00	13.00
OCT. 2-OCT. 8	0.00	8.00	3.00
ALL	143.00	136.00	203.00

WEEK	DELIVER V POINT		
	MORAIN E BAY	SIMPSON ISLAND	WOOL BAY
	NUMBER OF DELIVERIES	NUMBER OF DELIVERIES	NUMBER OF DELIVERIES
	SUM	SUM	SUM
JULY 11-17	0.00	7.00	19.00
JULY 18-24	8.00	41.00	22.00
JULY 25-31	8.00	16.00	13.00
AUG. 1-7	9.00	28.00	13.00
AUG. 8-14	13.00	30.00	25.00
AUG. 15-21	16.00	39.00	21.00
AUG. 22-28	13.00	35.00	39.00
AUG. 29-SEPT. 4	8.00	21.00	18.00
SEPT 5-11	6.00	35.00	18.00
SEPT 12-18	4.00	33.00	29.00
SEPT 19-25	2.00	35.00	42.00
SEPT. 26-OCT. 2	1.00	32.00	30.00
OCT. 3-OCT. 9	0.00	10.00	0.00
ALL	88.00	362.00	289.00

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOD BAY	HAY RIVER
	TOTAL WEEKLY NUMBER OF DELIVERIES	TOTAL WEEKLY NUMBER OF DELIVERIES	TOTAL WEEKLY NUMBER OF DELIVERIES	TOTAL WEEKLY NUMBER OF DELIVERIES
	SUM	SUM	SUM	SUM
MAY 17-MAY 23-				1.0
MAY 24-MAY 30-				2.0
MAY 31-JUNE 6				1.0
JUNE 7-JUNE 13				23.00
JUNE 14-JUNE 20				42.00
JUNE 21-JUNE 27				63.00
JUNE 28-JULY 4				56.00
JULY 5-JULY 11	19.00		0.00	23.00
JULY 12-JULY 18	37.00	29.00	28.00	32.00
JULY 19-JULY 25	6.00	14.00	30.00	41.00
JULY 26-AUG. 1	25.00	48.00	31.00	50.00
AUG. 2-AUG. 8	29.00	60.00	50.00	37.00
AUG. 9-AUG. 15	20.00	60.00	33.00	29.00
AUG. 16-AUG. 22	23.00	60.00	32.00	26.00
AUG. 23-AUG. 29	15.00	59.00	34.00	21.00
AUG. 30-SEPT. 5	8.00	58.00	42.00	5.00
SEPT. 6-SEPT. 12	7.00	74.00	33.00	11.00
SEPT. 13-SEPT. 19	17.00	56.00	38.00	26.00
SEPT. 20-SEPT. 26	18.00	26.00	46.00	27.00
SEPT. 27-OCT. 3				28.00

(CONTINUED)

WEEK	DELIVERY POINT			
	MORAINÉ BAY	SIMPSON ISLAND	WOOL BAY	HAV RIVER
	TOTAL WEEKLY NUMBER OF DELIVERIES	TOTAL WEEKLY NUMBER OF DELIVERIES	TOTAL WEEKLY NUMBER OF DELIVERIES	TOTAL WEEKLY NUMBER OF DELIVERIES
	SUM	SUM	SUM	SUM
OCT. 4-OCT. 10				3E.00
OCT. 11-OCT. 17				30.00
OCT. 18-OCT. 24				6.00
FOR ALL WEEKS	234.00	544.00	407.00	6.6.00

WEEK	DELIVERY POINT			
	MORAINE BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	WEEKLY TOTAL NUMBER OF DELIVERIES	WEEKLY TOTAL NUMBER OF DELIVERIES	WEEKLY TOTAL NUMBER OF DELIVERIES	WEEKLY TOTAL NUMBER OF DELIVERIES
	SUM	SUM	SUM	SUM
MAY 3-10				17.00
MAY 11-17				5.00
MAY 18-24				11.00
MAY 25-31				13.00
JUNE 1-7				38.00
JUNE 8-14			00.00	47.00
JUNE 15-21			22.00	82.00
JUNE 22-28			24.00	57.00
JUNE 29-JUL 5	37.00	18.00	40.00	54.00
JULY 6-12	49.00	2.00	40.00	73.00
JULY 13-19	43.00	25.00	59.00	41.00
JULY 20-27	33.00	26.00	43.00	42.00
JULY 28-AUG 1	30.00	20.00	29.00	42.00
AUG 2-8	56.00	48.00	68.00	52.00
AUG 9-16	38.00	21.00	72.00	61.00
AUG 17-23	3.00	20.00	11.00	62.00
AUG 24-30	20.00	14.00	47.00	42.00
AUG 31-SEPT 6	24.00	69.00	46.00	10.00
SEPT 7-13	43.00	102.00	00.00	16.00
SEPT 14-20	14.00	26.00	18.00	47.00

(CON INUED)

SUMMER 1980

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOL BAY	HAY RIVER
	WEEKLY TOTAL NUMBER OF DELIVERIES	WEEKLY TOTAL NUMBER OF DELIVERIES	WEEKLY TOTAL NUMBER OF DELIVERIES	WEEKLY TOTAL NUMBER OF DELIVERIES
	SUM	SUM	SUM	SUM
WEEK				
SEPT 21-27	2.00	92.00	34.00	14.00
SEPT 28-OCT 4		62.00	16.00	11.00
OCT 5-11				14.00
OCT 12-18				24.00
OCT 19-25				39.00
OCT 26-31				9.00
FOR ALL WEEKS	411.00	564.00	630.00	923.00

WEEKLY TOTAL NUMBER OF FISHERMEN

WEEK	DELIVERY POINT		
	MORAINÉ BAY NUMBER OF FISHERMEN	SIMPSON ISLAND NUMBER OF FISHERMEN	WOOL BAY NUMBER OF FISHERMEN
JULY 23-7	2.00	0.00	5.00
JULY 24-30	4.00	3.00	0.00
JULY 31-AUG. 6	7.00	6.00	0.00
AUG 7-13	5.00	9.00	9.00
AUG. 4-20	5.00	9.00	8.00
AUG 2-27	0.00	8.00	3.00
AUG. 28-SEPT. 3	5.00	10.00	9.00
SEPT. 4-10	5.00	8.00	9.00
SEPT. 11-17	7.00	10.00	8.00
SEPT. 18-24	7.00	10.00	8.00
SEPT. 25-OCT. 1	6.00	9.00	12.00
OCT 2-OCT 8	0.00	8.00	3.00
ALL	53.00	90.00	104.00

WEEK	DELIVERY POINT		
	MORaine BAY	SIMPSON ISLAND	WOOL BAY
	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN
	SUM	SUM	SUM
JULY 11-1	0.00	4.00	5.00
JULY 18-24	3.00	3.00	7.00
JULY 25-31	4.00	3.00	9.00
AUG 1-7	4.00	14.00	8.00
AUG. 8-14	4.00	4.00	10.00
AUG. 15-21	4.00	14.00	8.00
AUG 22-28	4.00	16.00	11.00
AUG. 29-SEPT. 4	4.00	5.00	9.00
SEPT. 5-11	4.00	15.00	9.00
SEPT. 12-18	2.00	14.00	12.00
SEPT 19-25	.00	15.00	12.00
SEPT 26-OCT. 2	.00	15.00	12.00
OCT. 3-OCT. 9	0.00	0.00	0.00
ALL	35.00	72.00	112.00

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN
	SUM	SUM	SUM	SUM
MAY 17-MAY 23				1 00
MAY 24-MAY 30				2 00
MAY 31-JUNE 6				1 00
JUNE 7-JUNE 13				7 00
JUNE 14-JUNE 20				17 00
JUNE 21-JUNE 27				26 00
JUNE 28-JULY 4				27 00
JULY 5-JULY 11	8 00		8 00	20 00
JULY 12-JULY 18	9 00	0 00	0 00	18 00
JULY 19-JULY 25	1 00	6 00	9 00	17 00
JULY 26-AUG 1	7 00	14 00	0 00	18 00
AUG 2-AUG 8	7 00	20 00	2 00	18 00
AUG 9-AUG 15	7 00	20 00	0 00	15 00
AUG 16-AUG 22	6 00	21 00	7 00	12 00
AUG 23-AUG 29	4 00	19 00	10 00	9 00
AUG 30-SEPT 5	3 00	2 00	11 00	4 00
SEPT 6-SEPT 12	6 00	20 00	10 00	5 00
SEPT 13-SEPT 19	6 00	20 00	15 00	11 00
SEPT 20-SEPT 26	6 00	19 00	13 00	15 00
SEPT 27-OCT 3				17 00
OCT 4-OCT 10				20 00

CONT NUED

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAV R VER
	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN
	SUM	SUM	SUM	SUM
OCT. 11-OCT. 17				1.00
OCT. 18-OCT. 24				5.00
FOR ALL WEEKS	70.00	190.00	123.00	296.00

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN	NUMBER OF FISHERMEN
MAY 3-10-7				4.00
MAY 11-17-7				2.00
MAY 18-24-7				5.00
MAY 25-31-7				6.00
JUNE 1-7-7				7.00
JUNE 8-14-7			0.00	21.00
JUNE 15-21-7			7.00	32.00
JUNE 22-28-7	6.00		3.00	21.00
JUNE 29-JULY 5-7	9.00	5.00	12.00	22.00
JULY 6-12-7	11.00	6.00	8.00	29.00
JULY 13-19-7	10.00	8.00	12.00	20.00
JULY 20-27-7	13.00	11.00	13.00	19.00
JULY 28-AUG. 3-7	11.00	2.00	12.00	15.00
AUG. 4-10-7	11.00	2.00	15.00	9.00
AUG. 11-17-7	8.00	9.00	16.00	23.00
AUG. 18-24-7	9.00	8.00	9.00	28.00
AUG. 25-31-7	6.00	8.00	11.00	20.00
SEP. 1-7-7	9.00	15.00	1.00	6.00
SEP. 8-14-7	8.00	24.00	14.00	8.00
SEP. 15-21-7	6.00	19.00	11.00	22.00
SEP. 22-28-7	2.00	2.00	0.00	8.00

CONTINUED

WEEK	DELIVERY POINT			
	MORAINNE BAY NUMBER OF FISHERMEN SUM	SIMPSON ISLAND NUMBER OF FISHERMEN SUM	WOOL BAY NUMBER OF FISHERMEN SUM	HAV R VER NUMBER OF FISHERMEN SUM
SEPT. 28-OCT. 4		17.00	3.00	7.00
OCT. 5-11				7.00
OCT. 12-18				12.00
OCT. 19-25				14.00
OCT. 26-31				7.00

CATCH PER DELIVERY PER WEEK

WEEK	DELIVERY POINT		
	MORANE BAY	SIMPSON ISLAND	WOOL BAY
	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY
	MEAN	MEAN	MEAN
JUL 23-17	410.38		556.83
JUL 24-30	542.78	540.80	1087.85
JUL 31-AUG.6	490.04	1001.23	557.04
AUG. 7-13	505.48	848.25	273.67
AUG. 14-20	1104.53	649.20	597.70
AUG. 21-27		1000.92	465.05
AUG. 28-SEPT. 3	153.67	1691.80	2329.33
SEPT 4-10	355.20	1170.07	077.06
SEP - 7	195.25	1085.39	113.46
SEPT. 18-24	112.57	1070.10	542.16
SEPT. 25-OCT. 1	36.13	1406.29	1908.77
OCT. 2-OCT. 8		1142.88	581.00
ALL	1190.60	1055.17	1007.49

WEEK	DELIVERY POINT		
	MORAINNE SA V	SIMPSON ISLAND	WOOL BAY
	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY
	MEAN	MEAN	MEAN
JULY 11-17		589.00	801.68
JULY 18-24	612.75	504.50	651.64
JULY 25-31	297.13	441.56	283.54
AUG 1-7	889.00	625.00	1370.54
AUG 8-14	1182.77	609.73	728.80
AUG 15-21	766.19	640.26	609.24
AUG 22-28	1536.00	757.54	759.00
AUG 29-SEPT 4	687.38	400.38	920.61
SEPT 5-11	3483	663.63	1988.56
SEPT 12-18	677.50	543.58	1130.45
SEPT 19-25	2601.00	790.69	995.00
SEPT 26-OCT 2	2262.00	167.28	1080.87
OCT 3-OCT 9		614.50	
ALL	262.41	642.13	943.33

WEEK	DELIVERY POINTS			
	MORAINNE BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY
	MEAN	MEAN	MEAN	MEAN
MAY 17-MAY 23				374.00
MAY 24-MAY 30				221.50
MAY 31-JUNE 6				277.00
JUNE 7-JUNE 13				333.78
JUNE 14-JUNE 20				244.69
JUNE 21-JUNE 27				437.90
JUNE 28-JULY 4				323.16
JULY 5-JULY 11	642.00		550.00	234.09
JULY 12-JULY 18	567.27	5 2	367.29	147.56
JULY 19-JULY 25	936.00	982.86	377.90	198.15
JULY 26-AUG 1	869.20	393.52	322.97	197.44
AUG 2-AUG 8	889.55	374.75	260.30	234.49
AUG 9-AUG 15	84.70	367.60	386.12	270.59
AUG 16-AUG 22	635.83	340.35	414.09	321.19
AUG 23-AUG 29	1048.20	325.86	370.32	233.10
AUG 30-SEPT 5	545.83	440.05	363.48	166.80
SEPT 6-SEPT 12	525.29	449.82	777.42	311.36
SEPT 13-SEPT 19	606.35	455.27	544.32	285.77
SEPT 20-SEPT 26	656.33	608.58	456.89	240.30
SEPT 27-OCT 3				373.57

(CONTINUED)

WEEK	DELIVERY POINT			
	MORANE BAY	SIMPSON ISLAND	WOOLLEAV	HAY RIVER
	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY
	MEAN	MEAN	MEAN	MEAN
OCT 4-OCT 10				291.83
OCT 1 OCT 7				291.10
OCT 8-OCT 24				219.67
FOR ALL WEEKS	738.611	477.281	430.091	268.22

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY	AVERAGE CATCH PER DELIVERY
MEAN	MEAN	MEAN	MEAN	
MAY 3-10				189.24
MAY 11-17				65.20
MAY 18-24				428.55
MAY 25-31				370.46
JUNE 1-7				394.26
JUNE 8-14			486.00	566.57
JUNE 15-21			39.05	402.24
JUNE 22-28	243.56		386.50	223.61
JUNE 29-JULY 5	411.30	346.00	306.25	209.81
JULY 6-12	537.33	548.19	215.42	244.26
JULY 13-19	562.95	389.88	30.95	246.41
JULY 20-27	642.39	459.70	324.47	343.19
JULY 28-AUG. 4	562.03	508.70	286.21	365.24
AUG. 5-11	509.34	406.35	298.54	435.29
AUG. 12-18	523.50	456.76	278.10	408.54
AUG. 17-23	463.00	386.30	392.18	347.06
AUG. 24-30	520.70	309.07	411.38	143.45
AUG. 31-SEPT. 6	253.08	392.61	239.63	245.30
SEPT. 7-13	501.28	397.76	389.30	166.63
SEPT. 14-20	667.00	348.58	379.78	230.36

(On - INJED)

WEEK	AVERAGE CATCH PER DELIVERY MEAN	AVERAGE CATCH PER DELIVERY MEAN	AVERAGE CATCH PER DELIVERY MEAN	AVERAGE CATCH PER DELIVERY MEAN
SEPT 21-27	1085.00	463.59	543.76	299.57
SEPT 28-OCT 4 5	-	515.02	275.19	330.18
OCT. -11	-	-	-	187.86
OCT. 12-18	-	-	-	248.21
OCT. 19-25	-	-	-	249.79
OCT. 26-31	-	-	-	257.78
HOR ALL WEEKS	534.46	42.23	406.87	294.20

CATCH PER F SHERMAN PER WEEK

	DELIVERY POINT		
	MORANE BAY	SIMPSON ISLAND	WOOL BAY
WEEK	AVERAGE WEEKLY CATCH PER FISHERMAN	AVERAGE WEEKLY CATCH PER FISHERMAN	AVERAGE WEEKLY CATCH PER FISHERMAN
	MEAN	MEAN	MEAN
JULY 23-7	641.50		668.20
JULY 24-30	3121.00	901.33	3698.70
JULY 31-AUG 6	1680.14	2169.33	1559.70
AUG. 7-13	2729.60	1508.00	456.11
AUG. 14-20	333.60	1082.00	1718.38
AUG. 21-27		1626.50	2479.31
AUG. 28-SEPT 3	453.20	1691.80	2329.33
SEPT 4-10	355.20	2047.63	254.11
SEPT. 11-17	2051.71	1953.70	509.33
SEPT. 18-24	1112.57	1070.10	287.65
SEPT. 25-OCT 1	2181.50	2187.56	5067.80
OCT. 2-OCT 8		142.88	581.00
ALL	254.00	1580.07	1734.10

WEEK	OEL VERY POINT		
	BAV	SIMSON ISLAND	WOOL EAV
	AVERAGE WEEKLY CATCH PER FISHERMAN	AVERAGE WEEKLY CATCH PER FISHERMAN	AVERAGE WEEKLY CATCH PER FISHERMAN
MEAN	MEAN	MEAN	MEAN
JULY 11-17		30 75	3046 40
JULY 18-24	1634 00	1591 31	2048 00
JULY 25-31	594 25	543 46	409 56
AUG 1-7	2000 25	250 00	2227 13
AUG 8-14	3844 00	305 5	822 00
AUG 15-21	3064 75	1783 57	599 25
AUG 22-28	4992 00	1657 13	2691 00
AUG 29-SEPT 4	374 75	560 53	1841 22
SEPT 5-11	2062 25	1548 47	3977 1
SEPT 12-18	3355 00	1281 29	2731 92
SEPT 19-25	5202 00	1844 93	3482 50
SEPT 26-OCT 2	2262 00	2490 20	270 17
OCT 3-OCT 9		614 50	
ALL	2762 30	1346 36	2387 52

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON SLAND	WOOL BAY	HAY R VER
	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN
	MEAN	MEAN	MEAN	MEAN
MAY 17-MAY 23				374.00
MAY 24-MAY 30				22.50
MAY 31-JUNE 6				27.00
JUNE 7-JUNE 13				1096.71
JUNE 14-JUNE 20				604.53
JUNE 21-JUNE 27				106.08
JUNE 28-JULY 4				670.26
JULY 5-JULY 11	1524.75		916.67	26.20
JULY 12-JULY 18	2332.1	1482.50	1028.40	262.33
JULY 19-JULY 25	5616.00	2293.33	1059.67	477.88
JULY 26-AUG 1	3104.29	1349.21	1001.20	548.44
AUG 2-AUG 8	3685.29	1124.25	1084.58	482.00
AUG 9-AUG 15	2690.57	1102.80	1274.20	523.13
AUG 16-AUG 22	2437.33	972.43	893.00	695.92
AUG 23-AUG 29	3930.75	1011.89	1259.10	543.89
AUG 30-SEPT 5	1455.00	1215.38	1387.82	208.50
SEPT 6-SEPT 12	1488.33	1564.35	2565.50	685.00
SEPT 13-SEPT 19	78.00	1270.75	1454.93	675.45
SEPT 20-SEPT 26	969.00	832.79	1616.69	432.53
SEPT 27-OCT 3				516.47

(CONTINUED)

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAV RIVER
	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN
	MEAN	MEAN	MEAN	MEAN
OCT 4-OCT 10				525.30
OCT 11-OCT 17				793.90
OCT 18-OCT 24				263.60
FOR ALL WEEKS	2662.62	1302.15	1378.48	530.80

WEEK	DELIVERY POINT			
	MORaine BAY	SIMPSON ISLAND	WOOL BAY	HAY R VEE
	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN
MEAN	MEAN	MEAN	MEAN	
MAY 3-10				804.25
MAY 11-17				413.00
MAY 18-24				942.80
MAY 25-31				802.67
JUNE 1-7				881.29
JUNE 8-14			486.00	1156.14
JUNE 15-21			1229.00	1030.75
JUNE 22-28	365.33		1030.67	606.95
JUNE 29-JULY 5	1690.89	32.60	1027.50	515.00
JULY 6-12	2393.95	19.67	1077.13	614.86
JULY 13-19	2420.70	1218.38	1528.83	505.15
JULY 20-27	1630.69	1086.73	1073.23	758.63
JULY 28-AUG. 1	532.21	847.83	691.67	1022.67
AUG-2-8	2593.00	1625.42	1353.40	1191.32
AUG-9-16	2486.63	1065.78	1251.44	1083.52
AUG-17-23	668.78	965.75	479.33	768.50
AUG 24 30	1735.67	540.88	1757.73	301.25
AUG. 31-SEPT. 6	674.89	1806.00	1002.09	408.83
SEPT. 7-13	2694.38	1690.50	1668.43	333.25
SEPT. 14 20	1556.33	477.00	621.45	492.4

ON (RAINED)

WEEK	DELIVER POINT			
	MORAINNE BAY	SIMPSON ISLAND	WOOL BAY	HAY RIVER
	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN	AVERAGE CATCH PER FISHERMAN
	MEAN	MEAN	MEAN	MEAN
SEPT. 21-27	1085.00	2030.95	1848.80	524.25
SEPT. 28-OCT. 4		1878.29	6801.00	605.33
OCT. 5-				375.71
OCT. 12-18				496.42
OCT. 19-25				695.86
OCT. 26-31				331.43
FOR ALL WEEKS	1680.62	1306.05	1466.33	679.31

ANNEX H I

GREAT SLAVE LAKE FISHERY
TASK FORCE

SCHEDULES OF OPERATIONS
FOR SELECTED FISHERMEN

April 10, 1984

Mr. D. Weisbeck
Chairman
Great Slave Lake Fishery
Task Force
Department of Economic
Development and Tourism
Government of the Northwest Territories
Yellowknife, Northwest Territories
X1A 2L9

Dear Mr. Weisbeck:

As specifically agreed, we have prepared the accompanying schedules of operations (schedules 1 to 4) for the fishermen chosen by Mr. Brian Rodeck and Mr. Peter Thompson of the Great Slave Lake Fishery Task Force for the periods indicated. These schedules were prepared from weekly statements of account for the respective fishermen and from estimates provided by the fishermen. We have performed the following specific procedures in connection with the preparation of these schedules of operations:

1. Initial payment revenue was agreed to the respective fisherman's weekly statements of account and fish purchase tickets.
2. The N.W.T. subsidy was agreed to the respective fisherman's weekly statements of account. The subsidy payments were also agreed to the Freshwater Fish Marketing Corporation's (F.F.M.C.) manual calculations of the subsidy amounts (except for the summer of 1982 when the subsidy was included in the initial payment). The amount of the N.W.T. subsidy used in F.F.Y.C.'s manual calculations was agreed to correspondence from the Government of the Northwest Territories.
3. Revenue for the winter season of 1983-1984 (both the initial payment and N.W.T. subsidy) only includes revenue from the sale of fish to March 3, 1984.

4. A final payment to the fishermen for the current year has not been determined. An estimate of the final payment has not been included in revenue.
5. We asked the fishermen during our interviews if they had received any revenue from the sale of fish to anyone other than F.F.M.C. In all cases they indicated they had not received any additional revenue.
6. We agreed the wage expense figures on the schedules of operation to the employees' T4's and the seasonal statement of account prepared by F.F.M.C. in Hay River. In our interviews with the selected fishermen, we asked if any additional wages were paid. We added amounts indicated to the wage expense on the schedules of operations. As revenue only includes amounts received to March 3, 1984, wages for the winter season of 1983-84 were prorated to include estimated wages to March 3, 1984.

In only one case, was the employees' charges through F.F.M.C. for a selected fisherman significantly higher than the wages indicated by the T4's. In this case, the higher amount was reflected in the wage expense.

In several interviews, fishermen indicated they were applying for government assistance for wages for the winter season of 1983-84. However, the amount of the potential government wage assistance was not deducted from wage expenses.

7. We reviewed individual expenses for proper expense classification and to exclude expenditures identified by the weekly statement as not directly related to fishing. Expenditures were summarized on the schedules of operations. For the winter season of 1983-84, we included expenses to the March 3, 1984 weekly statement.
8. We reviewed each fisherman's weekly statements of account with him. We asked if there were any expenses in the weekly statements of account which were not fishing expenses. Two fishermen indicated that there were personal expenses included. Those amounts were deducted from the schedule of operations. We also enquired about the amount of fishing expenses paid personally by the fishermen. The indicated amounts were added to the expenses on the schedules of operations. Amounts for the winter season of 1983-84 were prorated to include only estimated expenses to March 3, 1984.
9. Depreciation figures were imputed as follows:
 - a) We asked each fisherman what fishing equipment he used in his fishing operations. Major assets were listed (see schedule 5). Operating expenses on the schedules of operations reflect actual costs for other fishing equipment. Where a fisherman had more than 2 outboards per skiff, the list was limited to 2 per skiff.

- b) We also asked each fisherman for his estimate of the replacement cost of new equipment similar to the equipment which he presently owns and we asked for his estimate of the useful life of the new equipment.
- c) We asked local suppliers for their estimate of the replacement cost of outboard motors and trucks. We asked Riverton Boat Works for their estimates of the replacement cost of the specific "whitefish boats" owned by the fishermen, which we interviewed, and the estimated useful lives for the boats. We also asked Riverton Boat Works for their estimate of the replacement cost of "yawls" and their estimated useful lives. Riverton Boat Works also supplied us with their estimate of the freight costs to move the boats and yawls to Great Slave Lake. The freight costs were incorporated into the replacement cost estimate.
- d) We received a letter from Mr. Peter Thompson which indicated that the purchase cost of whitefish boats, yawls, and skiffs are eligible for a 25% government subsidy under the Fishing Vessel Assistance Program. Therefore, we reduced the estimated replacement cost of these items by 25%.
- e) Based on the above information we calculated "replacement cost depreciation" on a straight line basis using the following estimates:

<u>Type of asset</u>	<u>Estimated replacement cost</u>	<u>Estimated useful life</u>
Whitefish boats	Various depending upon the type of boat and equipment	30 years
Skiffs	s 1,125	4 years
Yawls	10,125	9 years
Outboard engines	1,750	5 years
Bombardiers	8,000 (iii)	8 years
Snowmobiles	3,500	3 years
Cabooses	3,000	10 years
Trucks (i)	13,000	7-1/2 years
Other	(ii)	(ii)

- (i) Truck depreciation was prorated over a 12 month period and allocated to winter fishing, summer fishing and personal use, based upon the estimated length of the winter and summer fishing seasons.
- (ii) The estimated replacement cost and useful life of other equipment was based on estimates supplied by the specific fisherman who owned the equipment.

(iii) The estimated bombardiers' replacement cost was for used **rather** than new bombardiers, based on estimates provided by the fishermen.

f) we did not adjust the repairs and maintenance expense to reflect a possible reduction in repair and maintenance on new equipment.

10. An imputed interest expense was computed at the rate of 12% on one-half of the estimated replacement cost of all equipment.

These procedures do not constitute an audit and accordingly we are not expressing an opinion on the accompanying schedules of operations .

During our interviews we asked the fishermen to indicate the degree of their personal participation in their fishing operations. At the request of Mr. Brian Rodeck we have summarized their responses on schedule 6.

This letter is to be used solely by your task force in connection with its review of the fishing operations on Great Slave Lake.

Yours faithfully,

C. Clarkson Gordon

J.K.A. Campbell:cl

SCHEDULE OF OPERATIONS

SCHEDULE 1

SELECTED FISHERMEN

SUMMER 1982

(to be read in conjunction with report dated April 1.), 1984)

	WHITEFISH BOAT			SKIFF					
	A	B	C	D	E	F	G	H	J
Revenue:									
Initial payment and									
N. W. T. subsidy	\$46,142	\$36,280	\$34,379	\$16,014	\$ 842	312,390	\$15,192	\$19,700	\$ 017
Operating expenses:									
Wages and benefits	13,494	8,867	12,620	2,374	23	796	2,974	4,084	11
Fishing - nets									
and equipment	2,718	612	6	418	101	148	745	619	278
Fuel and oil	5,145	1,867	2,652	1,643	653	2,660	2,477	3,723	702
camp -									
Store	5,808	4,426	3,186	1,123	1,388	3,656	3,761	3,820	144
Propane	300		126		45	36		200	120
Telephone	12	10	47						
Equipment parts									
and repairs	2,588	888	1,026	148	255	305	1,478	2,042	131
Freighting -									
Broadhead	3,337	2,833	2,803	1,327		380	811		7
Truck									13
Air	742	851	299		150		1,198		
Other	341	320	540	110		98	643		25
F. F. M.C. interest									
paid (received)	(362)	186	863	(6)	148	556	236	64	43
Total expenses	<u>35,123</u>	<u>20,600</u>	<u>29,168</u>	<u>7,137</u>	<u>2,763</u>	<u>8,635</u>	<u>14,328</u>	<u>14,552</u>	<u>1,535</u>
Operating income									
(loss) before									
imputed capital									
charges	<u>11,019</u>	<u>15,620</u>	<u>5,211</u>	<u>23,877</u>	<u>(1,921)</u>	<u>3,755</u>	<u>864</u>	<u>5,148</u>	<u>(917)</u>
Imputed capital									
charges (per									
schedule 5):									
Depreciation	6,595	4,235	4,280	1,962	981	2,504	1,893	3,204	931
Finance interest	4,525	4,443	3,696	556	278	799	518	1,084	278
	<u>11,120</u>	<u>8,678</u>	<u>7,976</u>	<u>2,518</u>	<u>1,259</u>	<u>3,303</u>	<u>2,411</u>	<u>4,288</u>	<u>1,259</u>
Net income (loss)	\$ <u>(101)</u>	\$ <u>6,942</u>	\$ <u>(2,765)</u>	\$ <u>6,359</u>	\$ <u>(3,180)</u>	\$ <u>452</u>	\$ <u>(1,547)</u>	\$ <u>860</u>	\$ <u>(2,176)</u>

SCHEDULE OF OPERATIONS

SCHEDULE 2

SELECTED FI SHERMEN

WINTER 1982 - 1983

(to be read in conjunction with report dated April 10, 1984)

	<u>A</u>	<u>B</u>	<u>c</u>	<u>G</u>	<u>J</u>
Revenue:					
Initial payment	\$22,716	\$38,649	\$ 8,831	\$34,077	\$ 1,032
N. W.T. subsidy	<u>1,955</u>	<u>3,589</u>	<u>746</u>	<u>3,184</u>	<u>96</u>
	<u>24,571</u>	<u>42,238</u>	<u>9,577</u>	<u>37,261</u>	<u>1,118</u>
Operating expenses:					
Wages and benefits	5,791	13,432	3,010	12,095	523
Fishing - nets and equipment		778	246	1,350	
camp -					
Store	4,220	6,006	4,621	6,170	252
Propane	600			200	120
Telephone		13			
Freighting -					
Parts and repairs	3,462	2,602	753	1,222	16
Fuel and oil	3,232	6,558	4,486	5,727	195
Air		730		248	
Other	1,153				
F.F.M.C. interest paid (received)	<u>(124)</u>	<u>131</u>	<u>404</u>	<u>205</u>	<u>36</u>
Total expenses	<u>18,334</u>	<u>30,250</u>	<u>13,520</u>	<u>27,217</u>	<u>1,142</u>
Operating income (loss) before imputed capital charges	<u>6,237</u>	<u>11,988</u>	<u>(3,943)</u>	<u>10,044</u>	<u>(24)</u>
Imputed capital charges (per schedule 5):					
Depreciation	6,762	3,828	3,164	3,767	1,167
Finance interest	<u>2,653</u>	<u>1,873</u>	<u>1,566</u>	<u>1,530</u>	<u>210</u>
	<u>9,415</u>	<u>5,701</u>	<u>4,730</u>	<u>5,297</u>	<u>1,377</u>
Net income (loss)	<u><u>\$(3,178)</u></u>	<u><u>\$,6,287</u></u>	<u><u>(8,673)</u></u>	<u><u>\$ 4,747</u></u>	<u><u>\$(1,401)</u></u>

SCHEDULE OF OPERATIONS

SCHEDULE 3

SELECTED FISHERMEN

SUMMER 1983

(to be read in conjunction with report dated April 10, 1984)

	WHITEFISH BOAT					SKIFF			
	A	B	C	D	E	F	G	H	I
Revenue:									
Initial payment	\$30,444	\$22,269	\$ 20,185	\$21,821	\$21,078	\$16,235	\$14,358	\$ 7,820	\$ 2,948
N.W. T. subsidy	5,910	9,701	4,361	8,077	5,388	6,488	6,142	2,728	1,279
	<u>36,354</u>	<u>31,970</u>	<u>24,540</u>	<u>29,898</u>	<u>26,466</u>	<u>22,723</u>	<u>21,000</u>	<u>10,548</u>	<u>4,227</u>
Operating expenses:									
Wages and benefits	8,734	10,378	9,179	9,619	9,494	117	5,139	7,109	51
Fishing - nets and equipment	58	1,678	78	1,436	333	1,193		739	
Fuel and oil camp -	3,843	2,854	3,993	2,371	2,322	2,830	3,647	4,791	563
Store	2,876	4,018	7,029	2,840	3,035	2,483	4,065	5,751	790
Propane	300	86	32			160			
Telephone		172	30	1	6				
Equipment parts and repairs	2,179	2,005	1,421	560	459	1,407	2,042	3,791	166
Freighting - Broadhead	2,736	2,668	1,905	2,383	1,377	370	1,228		309
Air	889		-4,340		671		238		
Other	724	1,249	567	908	615	486	160	261	57
F.F.M.C. interest paid (received)	(356)	560	646	3	58	352	454	261	4
Total expenses	<u>22,043</u>	<u>25,668</u>	<u>29,220</u>	<u>20,121</u>	<u>18,931</u>	<u>9,398</u>	<u>16,973</u>	<u>22,703</u>	<u>1,940</u>
Operating income (loss) before imputed capital charges	<u>14,311</u>	<u>6,302</u>	<u>(4,674)</u>	<u>9,777</u>	<u>7,535</u>	<u>13,325</u>	<u>4,027</u>	<u>(12,155)</u>	<u>2,287</u>
Imputed capital charges (per schedule 5):									
Depreciation	6,595	4,726	4,280	3,787	1,293	1,879	1,393	3,204	491
Finance interest	4,525	4,582	3,696	3,841	2,327	599	518	1,084	139
	<u>11,120</u>	<u>9,308</u>	<u>7,976</u>	<u>7,628</u>	<u>3,620</u>	<u>2,477</u>	<u>2,411</u>	<u>4,288</u>	<u>630</u>
Net income (loss)	<u>\$ 3,191</u>	<u>\$(3,006)</u>	<u>\$(12,650)</u>	<u>\$ 2,149</u>	<u>\$ 3,915</u>	<u>\$10,848</u>	<u>\$ 1,616</u>	<u>\$(16,443)</u>	<u>\$ 1,657</u>

Notes:

1. Fisherman 3 rented a skiff to fisherman I during this season and shared the revenue and expenses equally. Therefore, 50% of the depreciation and finance interest for a skiff and two rotors has been added to both fisherman's schedules of operations (as it is not listed on Schedule 5).
2. Fisherman F rented a skiff to a fisherman, who was not one of the selected fishermen, during this season and shared the revenue and expenses equally. Therefore, fisherman F's depreciation and finance interest has been reduced accordingly.
3. Fishermen D and E were "skiff" fishermen during the 1982 summer season.

SCHEDULE OF OPERATIONS

SCHEDULE 4

SELECTED FISHERMEN

WINTER 1983 - 1984

(to be read in conjunction with report dated April 10, 1984)

	<u>A</u>	<u>B</u>	<u>F</u>	<u>G</u>	<u>J</u>
Revenue:					
Initial payment	\$ 8,255	\$13,622	\$14,589	\$20,219	\$ 1,005
N. W.T. subsidy	<u>768</u>	<u>1,296</u>	<u>1,078</u>	<u>1,856</u>	<u>90</u>
	<u>9,023</u>	<u>14,918</u>	<u>15,667</u>	<u>22,075</u>	<u>1,095</u>
Operating expenses:					
Wages and benefits	4,255	7,453	2,511	6,103	23
Fishing - nets and equipment camp -	2,238	185	2,222	368	142
Store	2,423	1,881	1,914	5,729	237
Propane	384	63	109	233	120
Equipment parts and repairs			27		
Freighting -					
Parts and repairs	923	731	239	2,617	39
Fuel and oil	2,860	3,642	2,268	2,876	221
Air		227	1,351	227	
Other	430	144	57		
F. F.M. C. interest paid (received)	<u>(176)</u>	<u>270</u>	<u>175</u>	<u>277</u>	<u>15</u>
Total expenses	<u>13,337</u>	<u>14,396</u>	<u>10,873</u>	<u>18,430</u>	<u>797</u>
Operating income (loss) before imputed capital charges	<u>(4,314)</u>	<u>322</u>	<u>4,794</u>	<u>3,645</u>	<u>298</u>
Imputed capital charges (per schedule 5):					
Depreciation	4,328	2,297	1,957	2,260	700
Finance interest	<u>1,698</u>	<u>1,124</u>	<u>752</u>	<u>918</u>	<u>126</u>
	<u>6,026</u>	<u>3,421</u>	<u>2,709</u>	<u>3,178</u>	<u>826</u>
Net income (loss)	<u><u>\$(10,340)</u></u>	<u><u>\$ (3,099)</u></u>	<u><u>\$ 2,085</u></u>	<u><u>\$ 467</u></u>	<u><u>\$ (528)</u></u>

Note: Imputed capital charges are prorated to March 3, 1984.

SELECTED FISHERMEN

(to be read in conjunction with report dated April 10, 1984)

<u>Fisherman/ Season</u>	<u>Equipment</u>	<u>Capital cost</u>	<u>Depreciation</u>	<u>Finance Interest</u>
A				
Summer	Boat	\$ 43,275	\$1,443	\$2,597
	3 Skiffs	3,375	843	202
	6 outboards	10,500	2,100	630
	Yawl	10,125	1,125	608
	2 Trucks	26,000*	1,084	488
			<u>\$6,595</u>	<u>\$4,525</u>
Winter	2 Trucks	*	\$1,228	\$ 553
	4 Cabooses	12,000	1,200	720
	2 Bombardiers	16,000	2,000	960
	2 Snowmobiles	7,000	2,334	420
		<u>\$128,275</u>	<u>\$6,762</u>	<u>\$2,653</u>
B				
Summer	Boat	\$ 50,775	\$1,693	\$3,047
	Yawl	10,125	1,125	608
	2 Trucks	26,000*	1,084	488
	Cabin	5,000	333	300
			<u>\$4,235</u>	<u>\$4,443</u>
Winter	2 bombardiers	16,000	\$2,000	\$ 960
	2 Cabooses	6,000	600	360
	2 Trucks	*	1,228	553
		<u>\$113,900</u>	<u>\$3,828</u>	<u>\$1,873</u>
C				
Summer	Boat	\$ 43,275	\$1,443	\$2,597
	2 Skiffs	2,250	562	135
	4 Outboards	7,000	1,400	420
	Truck	13,000*	542	244
	Cabin	5,000	333	300
			<u>\$4,280</u>	<u>\$3,696</u>
Winter	Caboose	3,000	\$ 300	\$ 130
	2 Bombardiers	16,000	2,000	960
	Truck	*	614	276
	Base-Camp	2,500	250	150
		<u>\$ 92,025</u>	<u>\$3,164</u>	<u>\$1,566</u>

CALCULATION OF DEPRECIATION AND FINANCE INTEREST

SCHEDULE 5
PAGE 2

SELECTED FISHERMEN

(to be read in conjunction with report dated April 10, 1984)

<u>Fisherman/ Season</u>	<u>Equipment</u>	<u>Capital cost</u>	<u>Depreciation</u>	<u>Finance Interest</u>
D				
Summer '82	Skiff	\$ 1,125	\$ 281	\$ 68
	Freighter	1,125	281	68
	4 Outboards	7,000	<u>1,400</u>	<u>420</u>
Summer '83	Boat	<u>54,750</u>	1,962 <u>1,825</u>	556 <u>3,285</u>
		<u>\$ 64,000</u>	<u>\$3,787</u>	<u>\$3,841</u>
E				
Summer '82	Skiff	? 1,125	\$ 281	\$ 68
	2 Outboards	3,500	<u>700</u>	<u>210</u>
			<u>\$ 981</u>	<u>\$ 278</u>
Summer '83	Boat	<u>38,775</u>	<u>\$1,293</u>	<u>\$2,327</u>
		<u>\$ 43,400</u>		
F				
Summer	2 Skiffs	\$ 2,250	\$ 562	\$ 135
	4 Outboards	7,000	1,400	420
	Truck	13,000*	<u>542</u>	<u>244</u>
			<u>\$2,504</u>	<u>\$ 799</u>
Winter	bombardier	8,000	\$1,000	\$ 480
	Snowmobile	3,500	1,167	210
	Caboose	3,000	300	180
	Shed	1,800	180	108
	Truck	<u>614</u> *	<u>614</u>	<u>276</u>
	<u>\$ 38,550</u>	<u>\$3,261</u>	<u>\$1,254</u>	
G				
Summer	3 Skiffs	\$ 3,375	\$ 843	\$ 203
	3 Outboards	5,250	<u>1,050</u>	<u>315</u>
			<u>\$1,893</u>	<u>\$ 518</u>
Winter	2 Bombardiers	16,000	\$2,000	\$ 960
	2 Cabooses	6,000	600	360
	Snowmobile	<u>3,500</u>	<u>1,167</u>	<u>210</u>
	<u>\$ 34,125</u>	<u>\$3,767</u>	<u>\$1,530</u>	

CALCULATION OF DEPRECIATION AND FINANCE INTEREST

SCHEDULE 5

PAGE 3

SELECTED FISHERMEN

(to be read in conjunction with report dated April 10, 1984)

<u>Fisherman/ Season</u>	<u>Equipment</u>	<u>Capital cost</u>	<u>Depreciation</u>	<u>Finance Interest</u>
H				
Summer	2 Skiffs	\$ 2,250	\$ 502	\$ 135
	4 Outboards	7,000	1,400	420
	Camp	2,500	250	150
	Truck	13,000	542	244
	Dock	1,500	300	90
	Trailer	<u>750</u>	<u>150</u>	<u>45</u>
		<u>\$ 27,000</u>	<u>\$3,204</u>	<u>\$1,084</u>
I				
Summer	Skiff	\$ 1,125	\$ 281	\$ 68
	2 Outboards	<u>3,500</u>	<u>700</u>	<u>210</u>
		<u>\$ 4,625</u>	<u>\$ 981</u>	<u>\$ 278</u>
J				
Summer	skiff	\$ 1,125	\$ 281	\$ 68
	2 Outboards	<u>3,500</u>	<u>703</u>	<u>210</u>
			<u>\$ 981</u>	<u>\$ 278</u>
Winter	Snowmobile	<u>3,500</u>	<u>\$1,167</u>	<u>\$ 210</u>
		<u>\$ 8,125</u>		

'Depreciation on trucks has been prorated between the summer and winter fishing seasons; however, the capital cost is only included once in the total.

HEAD FISHERMAN PARTICIPATION

SCHEDULE 6

SELECTED FISHERMEN

(to be read in conjunction with report dated April 10, 1984)

<u>Fisherman</u>	<u>Amount of Personal Participation</u>
A	100% of time
B	100% of time during summer Small% of time during winter
C	50% of time during summer 100% of time during winter
D	100% of time
E	100% of time
F	100% of time
G	100% of time
H	No direct participation
I	100% of time
J	100% of time

CATCH AND GROSS INCOME STATISTICS
 SELECTED FISHERMEN AND ALL FISHERMEN
 SUMMER 1982

	DELIVERED WEIGHT/ KG-S	\$	NUMBER OF DELIVERIES	KG'S AVERAGE WEIGHT/DELIVERED	\$

WHITEFISH BOAT OPERATORS					

FISHERMAN					

A	55,219	\$ 46,142.	25	2,209	\$1,846
B	42,996	36,280.	45	955	806
c	40,138	34,366.	35	1,147	982
	-----	-----	-----	-----	-----
	138,353	\$116,788.	105	1,318	\$1,112
ALL OTHERS					
(10000 Kg's)	461,734	391,227	713	648	549
	-----	-----	-----	-----	-----
	600,087	\$508,015	818	734	\$ 621
SKIFF OPERATORS					

FISHERMAN					

D	18,950	16,014.	35	541	\$ 458
E	1,031	828.	4	258	207
F	18,438	14,589.	42	439	347
G	18,018	15,192.	40	450	380
H	22,498	19,700.	41	549	480
J	791	617.	12	66	51
	-----	-----	-----	-----	-----
	79,726	\$ 66,940.	174	458	\$ 385
ALL OTHERS					
(250 kg's)	132,196	104,267.	460	287	227
	-----	-----	-----	-----	-----
	211,922	\$171,207.	634	334	\$ 270
	=====	=====	=====	=====	=====

CATCH AND GROSS INCOME STATISTICS
 SELECTED FISHERMEN AND ALL FISHERMEN

WINTER - 1982-83

FISHERMAN	DELIVERED WEIGHT/KGS	s	NO. OF DELIVERIES	AVERAGE WEIGHT DELIVERY (KGS)	\$
A	22,496	24,571.	26	865	945
B	38,316	42,238.	48	798	880
C	6,903	9,577.	17	406	563
G	33,548	37,261.	46	729	810
J	857	1,118	13	66	86
	-----	-----	-----	-----	-----
	102,120	114,765	150	681	765
All Other	173,627	200,818	459	378	438
	-----	-----	-----	-----	-----
	<u>275,747</u>	<u>315,583</u>	<u>609</u>	<u>453</u>	<u>518</u>
	=====	=====	=====	=====	=====

CATCH AND GROSS INCOME STATISTICS
 SELECTED FISHERMEN AND ALL FISHERMEN
 SUMMER 1983

	DELIVERED WEIGHT Kg's	\$	NO OF DELIVERIES	AVERAGE WEIGHT PER DELIVERY Kg's	\$
WHITEFISH BOAT OPERATORS					

FISHERMAN					
A	39,937	\$ 36,354.	17	2,349	\$2,138.
B	38,725	31,970.	82	472	390.
c	27,220	24,546.	18	1,512	1,364.
D	34,041	29,898.	26	1,309	1,150.
E	28,433	26,466.	37	768	715.
	<u>168,356</u>	<u>\$149,234.</u>	<u>180</u>	<u>935</u>	<u>829.</u>
ALL OTHERS-					
(10,000 Kg)	304,821	254,428.	470	649	541
	<u>473,177</u>	<u>\$.403,662.</u>	<u>650</u>	<u>728</u>	<u>621</u>
SKIFF OPERATORS					

FISHERMAN					
F	27,589	22,723.	61	452	373.
G	25,426	21,000.	46	553	457.
H	12,096	10,548.	45	269	234.
I	5,081	4,227.	35	145	1.21.
	<u>70,192</u>	<u>58,498.</u>	<u>187</u>	<u>375</u>	<u>313.</u>
ALL OTHERS					
(250 Kg's)	81,613	67,317.	317	257.	212.
	<u>151,805</u>	<u>\$125,815.</u>	<u>504</u>	<u>301</u>	<u>\$ 250.</u>

CATCH AND GROSS INCOME STATISTICS
 SELECTED FISHERMEN AND ALL FISHERMEN
 WINTER 1983-84

FISHERMAN	DELIVERED WEIGHT Kg's	\$	NO OF DELIVERIES	AVERAGE WEIGHT/ DELIVERY (Kg)	\$
A	9,371	\$ 9,023.	10	937	\$ 902.
B	13,855	14,918.	20	693	746.
F	12,384	15,667.	18	688	870.
G	21,443	22,075.	25	858	883.
J	1,068	1,095.	13	82	84.
	<u>58,121</u>	<u>\$ 62,778.</u>	<u>86</u>	<u>676</u>	<u>s 730.</u>
ALL OTHERS	<u>81,377</u>	<u>96,503.</u>	<u>199</u>	<u>409</u>	<u>485,</u>
	<u><u>139,498</u></u>	<u><u>\$159,281.</u></u>	<u><u>285</u></u>	<u><u>489</u></u>	<u><u>\$ 559</u></u>

SELECTED FISHERMEN OPERATING & RATIOS

FISHERMAN	% NET INCOME/ GROSS INCOME	NET INCOME PER KG. DELIVERED	NET INCOME PER DELIVERY	WAGES PER KG DELIVERED	STORES PER KG DELIVERED
-----------	----------------------------------	------------------------------------	----------------------------------	---------------------------------	----------------------------------

SUMMER 1982

A	---	-----	\$ (4)	\$.24	\$.11
B	19	\$.16	154.	.21	.10
C	(8)	(.07)	(79)	.31	.20
D		.34	182	.13	.06
E	(3 %	(3.08)	(795)	.02	1.35
F	4	.02	11	.04	.20
G	(10)	(.09)	(39)	.17	.21
H	4	.04	21	.18	1-1
J	(353)	(2.75)	(181)	.01	.18

WINTER 1982-83

A	(13)	\$ (.14)	\$ (122)	\$.26	\$.19
B	15	.16	131	.35	.16
C	(91)	(1.26)	(510)	.44	.67
G	13	.14	103	.36	.18
J	(125)	(1.63)	(108)	.61	.29

SUMMER 1983

A	9	\$.08	188	\$.22	\$.07
B	(9)	(.08)	(37)	.27	.10
C	(52)	(.46)	(703)	.34	.26
D	7	.06	83	.28	.08
E	15	.14	106	.33	.11
F	48	.39	108	--	.09
G	8	.06	35	>20	.16
H	(156)	(1.36)	(365)	.59	.48
I	39	.33	47	--	.16

WINTER 1983-84

A	(115)	\$ (1.10)	\$ (1034)	\$.45	\$.26
B	(21)	(.22)	(155)	.54	.14
F	13	.17	116	.20	.15
G	2	.02	19	.28	.27
J	(48)	(.49)	(41)	.02	.22

SELECTED FISHERMEN
 SCHEDULE OF ACTUAL' AVERAGE BREAKEVEN PRICES
 F.O.B. HAY RIVER PLANT

	A	B	c	D	E	F	G
<u>SUMMER 1982</u>							
Catch (kg's)	55219	42996	40138	18950	1031	18438	18018
Average Price Received/kg.	.836	.844	.857	.845	.817	.672	.843
Breakeven (Kg)	.837	.682	.925	.509	3.90	.647	.929
<u>WINTER 1982-83</u>							
Catch (Kg's)	22496	38316	6903	-----	-----	-----	33548
Average Price Received/kg.	1.0.92	1.102	1.387	-----	-----	-----	1.111
Breakeven (Kg)	1.234	.938	2.644	-----	-----	-----	.969
<u>SUMMER 1983</u>							
Catch (Kg's)	39937	38725	27220	34041	28433	27589	25426
Average Price Received/kg.	.910	.826	.902	.878	.931	.824	.826
Breakeven (Kg)	.830	.903	1.367	.815	.793	.430	.762
<u>WINTER 1983-84</u>							
catch (Kg's)	9371	13855	-----	-----	-----	12384	21443
Average Price Received/(Kg)	.963	1.077	-----	-----	-----	1.265	1.030
Breakeven (Kg)	2.066	1.300	-----	-----	-----	1.097	1.008

SELECTED FISHERMEN
 SCHEDULE OF ACTUAL AVERAGE BREAKEVEN PRICES
 F.O.B. HAY RIVER PLANT

	H	1	J
<u>SUMMER 1982</u>			
Catch (Kg's)	22498	-----	791
Average Price Received/Kg .	.875	-----	.780
Breakeven (Kg)	.837	-----	3.53
<u>WINTER 1982-83</u>			
Catch (Kg's)	----	-----	857
Average Price Received/Kg .	----	-----	1.305
Breakeven (Kg)	----	-----	2.939
<u>SUMMER 1983</u>			
Catch (Kg's)	12096	5081	-----
Average Price Received	.872	.832	-----
Breakeven (Kg)	2.231	.506	-----
<u>WINTER 1983-84</u>			
Catch (Kg's)	-----	-----	1068
Average Price Received, (Kg)	-----	-----	1.025
Breakeven (Kg)	-----	-----	1.520

PRICES PAID TO FISHERMEN
 F.O.B. HAY RIVER PLANT
 INITIAL PRICES/KILOGRAM

SPECIE/SIZE/ FORM	MAY 1, 1983	NOV 1, 1983	JAN 1, 1984	FEB 19, 1984	APR 1, 1984	APR 15, 1984
<hr/>						
WHITEFISH						
<hr/>						
Small DSD	.50	.82	1.04	1.15	1.37	1.04
Medium DSD	.88	.995	1.215	1.545	1.765	1.215
Large DSD	.89	1.11	1.33	1.66	1.88	1.33
Jumbo DSD	.94	1.26	1.48	1.81	2.03	1.48
Smokers	.89	----	-----	-----	-----	-----
NORTHERN PIKE						
<hr/>						
.9-1.8 DSD	.45	.47	.47	.47	.47	.47
1.8-4.1 DSD	.78	.81	.81	.81	.81	.81
HDLS	.45	.47	.47	.47	.47	.47
TROUT						
<hr/>						
.9-1.8 DSD	.89	1.00	1.13	1.13	1.13	1.13
1.8-3.6 DSD	1.11	1.33	1.46	1.46	1.46	1.46
HDLS	1.11	1.44	1.44	1.44	1.44	1.44
INCONNU						
<hr/>						
HDLS	1.22	1.44	1.44	1.44	1.44	1.44
PICKEREL						
<hr/>						
Small Rd.	1.02	1.33	1.66	1.66	1.66	1.66
Medium Rd.	1.13	1.55	1.88	2.43	2.70	1.88
Large Rd.	1.02	1.33	1.66	1.99	2.21	1.66
Small DSD	1.22	1.60	1.60	1.60	1.60	1.60
Medium DSD	1.35	1.86	1.86	1.86	1.86	1.86
Large DSD	1.22	1.60	1.60	1.60	1.60	1.60
Small HDLS	1.57	1.99	1.99	1.99	1.99	1.99
Medium HDLS	1.73	2.22	2.22	2.22	2.22	2.22
Large HDLS	1.57	1.99	1.99	1.99	1.99	1.99

HAY RIVER AGENCY
ACCOUNTS RECEIVABLE BALANCES

	FISHING SEASONS			
	OCT 31/ 1982	APR 30/ 1983	OCT 31/ 1983	MAR 3/ 1984
FISHERMAN				
A	(7,350)	(5,205)	(14,731)	380
B	5,099	7,145	3,411	6,694
C	7,460	10,335	11,001	11,728
D		1		292
E	3,117	201	1,372	1,347
F	5,762	4,843	4,531	3,664
G	4,553	6,511	7,981	3,112
H	1,860	1,552	7,307	7,590
I			1,288	1,339
J	892	297	474	136