

FISHERIES RESEARCH AND DEVELOPMENT
CORPORATION

"EX-ANTE EVALUATION OF ROCK LOBSTER
FISHERY MANAGEMENT ARRANGEMENTS"

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"CASE STUDY RESULTS: EX-ANTE EVALUATION OF ALTERNATIVE
MANAGEMENT ARRANGEMENTS FOR THE SOUTH AUSTRALIAN
NORTHERN ZONE ROCK LOBSTER FISHERY - ECONOMIC RESULTS

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1. Introduction and Key Assumptions

Contained in this report are results of economic analyses conducted using the model presented in Report 1. They relate to objective (2) of the research proposal:-

"Apply the framework of analysis to the South Australian Northern Zone Rock Lobster Fishery".

In assessing the economics of alternative catch management systems a 'what if?' approach has been adopted in that the many unknowns about the fishery mean a number of guesses about catch, fishermen's response to change, and changes in costs of production, have been made. That is:

'for a given catch range, periodic catch rates, costs of fishing and prices and when a change is made to fishing operations, what is the relative magnitude and direction of movement in industry net return in a given year?'

In essence we are creeping around the range of possible economic outcomes from an hypothetical bio-economic model which is based on a mix of 'hard' and 'soft' data. To the extent that the model is a reasonable approximation to reality, the aim is to then highlight changes which may improve efficiency and economic performance in the fishery, while maintaining potential catch at around current levels.

The management arrangements analysed namely the current system, time management and individual transferable quotas, are those which have been put forward as preferences by fishermen and managers. The purpose of undertaking the research is to provide information about possible relative ranking of alternatives under the same set of assumptions, and also to show the direction of movement in net industry return from a change.

The model used is static in nature and therefore results provide no information about impacts over time. The information presented relates to industry as a whole and the 'average' fisherman, and it should be remembered that the 'average' fishermen is yet to be located. As well, little information is generated about the distributional impacts of changes between fishermen.

A number of assumptions and guesses have been necessary in order to capture the impacts of alternative catch management systems. The assumptions about technical and economic relationships have been held constant when making comparisons between alternatives, but in many cases certain parameters(eg winter price) have been varied in order to assess the impact on economic results. Key assumptions in the analyses presented are:-

Price per kilogram received in any period is not affected by quantity of lobster caught.

Structural change, that is number of boats, licences and fishermen is the same for each system.

Fishery returns are maximised when return per kilogram is maximised.

October is closed to protect spawning females.

Winter price is constant from June till September.

Additional pots per boat catch at the same rate or efficiency as existing pots.

Other technical and economic assumptions made are detailed in the next section.

2. Data Used in the Analysis

The data that is shown below relates to the fishery under the 1992-93 management arrangements and fishing performance. The proportion of the fleet fishing in any period selected was held at 100 per cent and double pulling was assumed not to occur.

The industry structure used is the one that existed at the commencement of the 1992-93 season and is set out below.

INDUSTRY STRUCTURE	
Item	CURRENT MANAGEMENT ARRANGEMENT
Number of Fishermen	81
Number of Vessels	81
Total Number of Pots	3950
Average Pots/Vessel	49

Costs of fishing were derived from the 1992 SANZRLFA economic survey and are listed below.

INDUSTRY COST STRUCTURE		
	\$/day	(plus) \$/potlift
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premiums	\$30/\$1000 value	
Depreciation	10% of capital	
Business Administration Costs	\$25,000/year	
Operator Allowance	\$60,000/year	
Crew Costs(including Skippers)	22% of gross catch value	
Bait & Tackle Costs	\$1.75/lift	
	Average	Total
Vessel value	\$151,333	\$12,257,973
Licence Value	\$682,716	\$55,300,000
Other Assets	\$68,500	\$5,548,500
Totals	\$902,549	\$73,106,473

Prices used were 'best bet' estimates based on those reported by case study fishermen in recent seasons. They are set out below.

WEEKLY NET PRICES \$/kilogram				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25-35	25-35	25-35	25-35
Jul	25-35	25-35	25-35	25-35
Aug	25-35	25-35	25-35	25-35
Sep	25-35	25-35	25-35	25-35
Oct	0	0	0	0

Winter (ie June - September) prices which are not known with certainty were held constant and tested at \$25, \$30 and \$35 per kilogram .

Catch rates for the months of November through to May are predetermined in the model from historical 'Catch and Effort' statistics while for the winter months limited relative data is used. Initial catch rates and carryover percentages are set out below.

Carryover of uncaught average catch, and the 'catchability' of this carryover involved two types of estimates. The first was the percentage of uncaptured lobster that will be caught in subsequent periods and impacts were tested for 0, 50, 75 and 100 per cent carry-over.

The second is the percentage of the carryover that will be captured in each of the subsequent 4-week periods after a closure and these were held constant at 70, 20 and 10 per cent over the following three months.

CATCH RATES AND CARRYOVER								
Month	Estimated Catch Rates(kg/lift)	% Caught After No Fishing	Catch in Subsequent Months 1 - 5					Total Caught
			M1	M2	M3	M4	M5	
Nov	1.40	0-100%	.7	.2	.1	0	0	100%
Dec	1.44	0-100%	.7	.2	.1	0	0	100%
Jan	1.53	0-100%	.7	.2	.1	0	0	100%
Feb	1.50	0-100%	.7	.2	.1	0	0	100%
Mar	1.43	0-100%	.7	.2	.1	0	0	100%
Apr	1.18	0-100%	.7	.2	.1	0	0	100%
May	0.98	0-100%	.7	.2	.1	0	0	100%
Jun	0.69	0-100%	.7	.2	.1	0	0	100%
Jul	0.84	0-100%	.7	.2	.1	0	0	100%
Aug	0.84	0-100%	.7	.2	.1	0	0	100%
Sep	0.98	0-100%	.7	.2	.1	0	0	100%
Oct	0.00	0	0	0	0	0	0	100%

The fishing season shown below is the current season and days lost to weather are estimates which were held constant for all analyses.

FISHING SEASON					DAYS LOST - WEATHER				Total Days Fished
Periods Fished/Not Fished					Days Lost/Period				
	Wk 1	Wk 2	Wk3	Pd4	Wk1	Wk2	Wk3	Pd4	
Nov	1	1	1	1	1	1	1		27
Dec	1	1	1	1			1	2	28
Jan	1	1	1	1		1			30
Feb	1	1	1	1			1		27
Mar	1	1	1	1			1	1	29
Apr	1	1	1	1			1	1	28
May	1	1	1	1	1	1	1	2	26
Jun	0	0	0	0	1	1	2	2	0
Jul	0	0	0	0	2	2	2	2	0
Aug	0	0	0	0	3	3	3	3	0
Sept	0	0	0	0	3	3	3	3	0
Oct	0	0	0	0	3	3	3	3	0
Total Days Season - 212					Lost - 17				195

3. Summary Results

Results are reported for the current season, fishing time and quota management arrangements. The results for the quota arrangement have been derived by altering fishing patterns until the maximum net return for the industry was estimated.

Once net return maximising fishing patterns were determined, then they formed the basis for determining a practical fishing time system. Options involving fishing in winter were tested at three winter prices namely \$25, \$30 and \$35/kilogram. The impact of carryover of fish was tested for 0, 50, 75 and 100 per cent.

Detailed results for the current season, fishing time and quota management arrangements are reported in Appendixes 1, 2 and 3 respectively. Information about each management arrangement for ranges in carryover, total tonnes caught and winter price are included. Industry results presented for each scenario are total tonnes caught, potlifts, gross returns, industry profit, average extra profit per licence, days fished, days lost to weather and total season days.

Other results reported for each scenario are the periods fished each month, fishing margin per kilogram caught each period, tonnes caught each fishing period, and catch rates adjusted for carryover and catchability.

The starting point for ranking of changes is the current system with no changes. Details of data and results for the current system are shown in Appendix 1 part A.

3.1 CURRENT SYSTEM RESULTS

Option 1 - Pot reductions

If reducing the catch or decreasing effort are objectives of management, then pot reductions can be used as a short term measure to achieve them. Percentage pot reductions have been made in the past in the Northern Zone and the economic impact of 5, 10, 15 and 20 per cent pot reductions have been tested with nil carryover.

The results show that for each 5 per cent reduction in pots, the total catch reduces by around 55 tonnes in the short term and this results in a decline in average returns of about \$8,000 per licence. Detailed results are shown in Appendix 1 part B.

Pot reduction	5 %	10%	15%	20%
Average Profit Lost/Licence	-\$8,219	-\$16,437	-\$24,656	-\$32,874
Tonnes Caught	1013	960	906	853
Potlifts	731,738	693,225	654,713	616,200

The nil carryover scenario assumes no impact on catch rates with lower pot numbers in the water. This is not likely to occur and marginal increases in catch rates could be expected with pot reductions. By assuming a proportion of carryover a feel for the additional reduction in pots to achieve catch levels can be gained.

At 75 per cent carryover, 5.5, 12.5, 20 and 33 per cent pot reductions respectively result in similar catches as for the 5, 10, 15 and 20 per cent pot reductions for nil carryover. Full results are shown in Appendix 1 part C for the 75 per cent carryover.

Option 2 - More than one licence from a single boat

By allowing more than one licence to operate from a single boat opportunities exist to reduce expenditure on fuel, repairs, boat insurance and depreciation as well as have interest savings on capital invested in boats. The savings will be achieved by one boat being sold or taken from the water.

Results from the model were derived by reducing boat numbers by 1 and increasing the average pot holding. It is estimated that if two licences with around 50 pots were operated from one boat, the following savings could result to be shared between the two licence holders sharing the boat.

Fuel	\$10,812
Repairs	\$13,038
Insurance	\$4,540
Depreciation	<u>\$15,133</u>
<u>Total Cost Saving</u>	<u>\$43,523</u>

The result is before any interest saved on the lower investment in boats. It is an estimated result after allowing each licence holder an operator allowance and 27 per cent of gross catch paid to deckhands. The cost saving equates to about \$21,762 for each operator.

It should be noted that in this case it is assumed that 100 pots would be operated from one boat. If this were the case some loss in catching efficiency could be expected which would reduce revenue and therefore offset the gains. No information exists about possible inefficiencies from operating larger numbers of pots and the results must be viewed as indicators only.

Option 3- 10% Additional pots with less fishing time

Within the current season it may be possible to capture efficiency by increasing pot numbers. A 10 per cent pot increase would increase the average pot holding to around 54 per licence.

To maintain the current number of pot lifts thereby avoiding an increase in catch and effort, the season would need to be shortened via closures of selected periods. These could be at any time with the impact on catch being a function of catch rate at the time and any carryover of lobster after the closure.

Based on estimated returns per kilogram, the preferred times for closures are in November and February. The amount of time necessary to close will depend on carryover. The higher the carryover the longer the closures required to offset the pot increase and therefore maintain catch around current levels.

Less time on the water using more pots and catching the lobster when returns are higher per kilogram has the potential to improve returns on average through cost savings and higher prices. Results presented in the chart below show estimates of between \$950 and \$12,700 on average depending on times closed and carryover from increasing pots by 10 per cent and reducing time available for fishing. Detailed results are presented in Appendix 1 part D.

	Carryover			
	0 %	50%	75%	100%
Times Closed	Nov 1-21	Nov 1-21 Feb 1-14	Nov 1-21 Feb 1-21	Nov 1-30 Feb 1-28
Average Extra Profit/Licence	\$959	\$4,688	\$9,767	\$12,648
Tonnes Caught	1061	1054	1069	1060
Potlifts	769,065	708,235	682,165	612,645
Days Fished	177	163	157	141
Days Lost to Weather	14	14	13	13
Total Season Days	191	177	170	154

3.2 FISHING TIME MANAGEMENT RESULTS

The impacts of numerous combinations of times open and closed can be tested for the fishery. Below a range of options are presented to provide an indication of potential results.

Option 1- Current season less time for catch reduction

Closures can be used within the current season and pot restrictions to achieve catch reductions. The impact of a closure will depend upon carryover. The higher the percentage of carryover caught the longer the closure required to achieve a particular catch level.

Set out below is a series of closures to achieve a catch target assuming a 75 per cent carryover compared to the current season. The results indicate that each additional catch reduction has a relatively larger financial impact than the preceding reduction as more profitable times are closed.

The 75 per cent carryover scenario assumes that a high proportion of lobster not caught during the time closed will be captured in subsequent fishing times. Lower carryover rates were tested and it was found that less time closed is required the lower the carryover to achieve a specified catch level.

For example, at nil carryover, 841 tonnes results from closing the last period in January and all of February. This compares with closing the same periods and in addition the first three weeks of November and the third week in January to achieve 853 tonnes for the 75 per cent carryover scenario.

The results show lower financial losses on average than for the equivalent catch decrease using pot reductions. The scenarios tested indicate that the higher the carryover the greater the economic advantage of closures for catch reductions over pot reductions. Details relating to this option are shown in Appendix 2 part A.

		Carryover			
		75%	75%	75%	75%
Times Closed	Current Season	Nov 1-14 Feb 1-14	Nov 1-14 Feb 1-28	Nov 1-14 Jan 22-31 Feb 1-28	Nov 1-21 Jan 15-31 Feb 1-28
Average Profit Lost/Licence	\$0	-\$1,112	-\$5,966	-\$11,224	-\$18,243
Tonnes Caught	1066	1016	959	910	853
Potlifts	770,250	667,550	616,200	576,700	525,350
Days Fished	195	169	156	146	133
Days Lost to Weather	17	15	14	14	13
Total Season Days	212	184	170	160	146

Option 2- Closures for catch reduction and opening winter

An alternative approach to closures in the current season to achieve catch reductions is substitution of high catch rate fishing time in the current season for time in winter at relatively low catch rates. It should be noted that the overall impacts on summer catch rates from winter fishing are not known and this adds to the risk involved in making changes to winter fishing.

Set out below is a set of closures and winter openings aimed at catch targets assuming a 75 per cent carryover. Average winter price of \$30/kg is used and the results are compared to the estimated return from the current arrangement. Full detail of the results are shown in Appendix 2 part B.

The results indicate that reducing catch while maintaining current industry returns may be possible by moving fishing times into the winter months, at least for the first 150 tonnes reduction in catch.

	Carryover				
		75%	75%	75%	75%
Times Closed	Current Season	Nov 1-14 Feb 1-21	Nov 1-30 Jan 22-31 Feb 1-28	Nov 1-30 Jan 15-31 Feb 1-28 Mar 1-14	All Nov Dec & Jan Feb 1-21
Winter Times Open		June 1-21	Jun 1-30 July 1-14	Jun 1-30 Jul 1 -31 Aug 1-14	All Jun till end Sept
Average Profit /Licence	\$0	\$2,851	\$1,330	\$1,360	-\$2,514
Tonnes Caught	1066	1006	957	905	848
Potlifts	770,250	683,350	651,750	651,750	587,300
Days Fished	195	173	165	165	174
Days Lost to Weather	17	18	23	33	47
Total Season Days	212	191	188	198	221

The time required in winter and for closures in the current season to target a catch level will be dependent upon the carryover and catch rate impacts from changing the current fishing patterns. This combined with winter prices achieved will determine actual economic outcomes.

An example of the impact of nil carryover is shown at the end of part B in Appendix 2. A nil carryover and 841 tonne target catch results in all of December remaining open and the last week in February closed compared to times closed for the 75 per cent carryover and 848 tonnes shown above. An average loss of \$8,279 per licence is estimated with the nil carryover scenario.

Option 3- Close two weeks November and February, open June onwards with no catch reduction.

To gain a broader perspective of the impacts of closing selected periods in the current season and extending the season into winter, a range of winter prices and carryover levels require testing.

Below are estimated results from closing the first two weeks in November and February and extending the season into winter. The results show that as winter price increases, so the size of the gains increase, irrespective of carryover.

At low winter prices (\$25/kg) carryover has relatively small impacts on the size of the gains. However at the high winter price (\$35/kg), the lower the carryover the higher the gain. The reason for this is that with low carryover, more time is spent catching relatively profitable kilograms in winter.

Also noteworthy is the increasing number of potlifts and boat days required to achieve the catch as carryover declines. If such catches and prices are achievable it indicates that at present insufficient effort is being applied in the Northern Zone. Full results for these scenarios are presented in Appendix 2 part C.

	Carryover				
		100%	75%	50%	0%
Times Closed	Current Season	Nov 1-14 Feb 1-14	Nov 1-14 Feb 1-14	Nov 1-14 Feb 1-14	Nov 1-14 Feb 1-14
Winter Times Open		June 1-7	Jun 1-21	Jun 1-30 Jul 1-7	Jun & Jul Aug 1-7
Average Extra Profit/Licence					
Winter Price \$25/kg		\$7,185	\$5,471	\$4,789	\$4,235
Winter Price \$30/kg		\$7,974	\$7,705	\$8,745	\$11,724
Winter Price \$35/kg		\$8,762	\$9,939	\$12,701	\$19,213
Tonnes Caught	1066	1067	1063	1064	1069
Potlifts	770,250	691,250	734,700	782,100	869,000
Days Fished	195	175	186	198	220
Days Lost to Weather	17	16	19	23	32
Total Season Days	212	191	205	221	252

Option 4- Selected closures with winter fishing and no catch reduction

The results reported below are for a season based around closing November and February, fishing in December and January and fishing the first 3 weeks of the remaining months of the year. October is assumed to always be closed.

	Carryover			
Extra Profit/Licence	0 %	50%	75%	100%
Winter Price \$25/kg	\$6,545	\$14,036	\$18,422	\$24,290
Winter Price \$30/kg	\$19,806	\$27,620	\$30,149	\$36,989
Winter Price \$35/kg	\$33,068	\$41,402	\$41,877	\$49,688
Tonnes Caught	1068	1072	1064	1056
Potlifts	916,400	821,600	679,400	612,250
Days Fished	232	208	172	155
Days Lost to Weather	51	49	37	37
Total Season Days	283	257	209	192

The series of fishing times selected are based on the profit maximising combination, but modified to develop a regular pattern of openings and closures.

The results show that for all the prices and carryover, and assuming no additional tonnage is taken from the fishery, gains are expected. The higher the winter price and carryover the larger the absolute gains. Details of results including, catch rates, season and gains for the range in prices and carryover are presented in Appendix 2 part D.

Option 5- Selected closures with winter fishing for catch reduction

Using the closures from Option 4 as a starting point, the impact of reducing tonnage on gains can be tested. If tonnage were to be reduced under a closure system it is assumed that the season would be closed in low profit per kilogram months and opened in the high profit per kilogram months.

Such an approach would see less time available for fishing in the current season and a focus on fishing in the winter months. The example below is based on 75 per cent carryover and \$30/kilogram in winter and shows the days reducing to achieve a lower catch. Full details of resultant seasons and other results are shown in Appendix 2 part E.

The example shows that a 200 tonne reduction may be possible with gains possible above the current system. The results will vary with carryover and winter prices, with lower gains and/or losses expected at lower carryover combined with lower winter prices. An example of the results for a nil carryover with a selected season aimed at around 840 tonnes is shown at the end of Appendix 2 part E. A \$8,279 loss results on average per licence.

	Carryover				
	75%	75%	75%	75%	75%
Average Extra Profit/Licence	\$30,149	\$24,894	\$16,682	\$9,620	\$2,382
Tonnes Caught	1064	1020	948	899	843
Potlifts	679,400	651,750	616,200	572,750	533,250
Days Fished	172	165	156	145	135
Days Lost to Weather	37	37	41	36	36
Total Season Days	209	202	197	181	171

Option 6 – Block season with winter fishing

The results reported below are for an alternative time management system involving a block season commencing operations in late December through to late January depending on carryover, and fishing solidly through till the end of September. It is a continuous block fishing pattern based around winter compared to option 4 on previous page which has many closures and openings.

	Carryover			
Extra Profit/Licence	0 %	50%	75%	100%
Winter Price \$25/kg	\$3,950	\$7,316	\$9,204	\$11,186
Winter Price \$30/kg	\$18,506	\$20,577	\$22,465	\$24,448
Winter Price \$35/kg	\$31,767	\$33,838	\$35,726	\$37,709
	Carry Over			
Other Results	0 %	50%	75%	100%
Tonnes Caught	1074	1066	1069	1072
Potlifts	916,400	857,150	833,450	805,800
Days Fished	232	217	211	204
Days Lost to Weather	51	49	48	48
Total Season Days	283	266	259	252

The results show similar trends as for Option 4 but the absolute results rank lower. A block season offers greater simplicity and possibly ease of enforcement which must be considered against lower economic gains of alternative approaches.

Again, the results show that for all the prices and carryover selected, and assuming no additional tonnage is taken from the fishery, gains are expected. The higher the winter price and carryover the larger the absolute gains. Details are presented in Appendix 2 part F.

3.3 QUOTA RESULTS

Option 1 – Profit maximising fishing pattern

Under a quota arrangement the times fished during a full 11 months (assuming October is closed) would be selected by the individual. The results reported below are based on fishing patterns which offer maximum gains from a total catch around 1060 tonnes. The results differ from other systems tested in that no structure is involved in the fishing times selected.

	Carryover			
Average Extra Profit/Licence	0 %	50%	75%	100%
Winter Price \$25/kg	\$8,642	\$14,036	\$19,889	\$25,706
Winter Price \$30/kg	\$21,903	\$27,620	\$32,804	\$40,179
Winter Price \$35/kg	\$35,164	\$41,402	\$45,719	\$54,653
	Carryover			
Other Results	0 %	50%	75%	100%
Tonnes Caught	1070	1072	1064	1063
Potlifts	920,350	821,600	718,900	671,500
Days Fished	233	208	182	170
Days Lost to Weather	52	49	42	43
Total Season Days	285	257	224	213

The results have been derived by constraining the catch to around 1060 tonnes and including fishing times in the season which produce the highest gains for each carryover level. No gains from efficiency are included and these would be a function of the extent that current input controls would be relaxed under a quota system.

In reality under a quota system all fishermen would not commence and cease operations at the same time, which is the fishing pattern from which these results are derived. Nevertheless, the results do indicate the potential under such a system relative to the alternative system with the same set of assumptions.

At all carryover levels and winter prices, gains are estimated and the results rank higher for each scenario than alternative systems tested. Full results are shown in Appendix 3 part A.

Option 2 – Quota for catch reductions

Under a quota system it is assumed that if the total allowable catch was reduced, less time would be spent fishing in the low profit per kilogram times. An example of results for 75 per cent carryover and a \$30/kilogram winter are presented below for a range of total catches.

The results suggest that under a quota system with up to 200 tonnes lower catch, that gains above the current system could be achieved. The gains rank higher than for the other systems tested for catch reductions. Full details of results are shown in Appendix 3 part B.

	Carryover				
	75%	75%	75%	75%	75%
Average Profit Lost/Licence	\$32,804	\$27,415	\$16,773	\$11,144	\$3,190
Tonnes Caught	1064	1014	948	902	857
Potlifts	718,900	671,500	620,150	588,550	549,050
Days Fished	182	170	157	149	139
Days Lost to Weather	42	40	37	35	31
Total Season Days	224	210	194	184	170

As with other systems the results associated with catch reductions under a quota system will be dependent upon carryover and price. The position is even more complex however as it is expected that at most times some fishermen would be fishing.

An example of the results for a nil carryover with a selected season aimed at around 840 tonnes is shown at the end of Appendix 3 part B. A \$6,809 loss results on average per licence which is lower than similar scenarios under alternative systems. The results indicate when catch reductions are involved that economic results will rank higher than for the alternatives over the same ranges of prices and carryover.

4. Summary

Results from the economic analyses presented can be assessed in two groups, namely profit management with no reduction in catch and catch management for lower catch. Profit management analyses the potential for adding value to the current catch by altering the management arrangements, while catch management involves assessing the impacts of less lobster being caught.

The uncertainties especially to do with changes in catch rates and winter price mean that the results must be viewed with caution. The absolute numbers are not as important as the direction of gains or losses and the ranking between systems. The results are indicators which provide insight into the impacts of options currently under discussion for the fishery.

The chart below shows the estimated average gains per licence from options under the current, time and quota management arrangements with a 'best bet' winter price at \$30/kilogram.

	Carryover			
Management Arrangement	0%	50%	75%	100%
Current Season 10% Pot Increase Less Time (Pg 7 Option 3)	\$959	\$4,688	\$9,767	\$12,648
Time Closures in Current Season Extend Season into Winter (Pg 11 Option 3)	\$11,724	\$8,745	\$7,705	\$7,974
Selected Closures with Winter Fishing (Pg 12 Option 4)	\$19,806	\$27,620	\$30,149	\$36,989
Block Winter Season (Pg 13 Option 6)	\$18,506	\$20,577	\$22,465	\$24,448
Quota (Pg 14 Option 1)	\$21,903	\$27,620	\$32,804	\$40,179

Gains are estimated for each option for all carryover levels. The size of the gains varies markedly between alternatives with quota results ranking highest and the pot increase lowest. A selected time closure ranks closely behind quota, the differences indicating the cost of establishing an orderly schedule of openings and closures.

The important message is that 'on paper' potential exists for the fishery to capture gains through each of the systems assessed with changes to the management arrangements. In practice however, change involving winter fishing is extremely risky given that limited information exists about winter catch rates and price should fishing patterns change.

In the case of catch reductions, the analyses presented show that different approaches to reducing catch can have considerably different impacts on economic results. The chart below sets out estimates of average gains and losses per licence over a range of tonnages for the fishery. The summary results are those for the 75 per cent carryover and \$30/kilogram winter price.

Management Arrangement	Catch Range Tonnes			
	1000-1020	950-970	890-910	840-860
Current Pot Reductions (App 1 Part C)	-\$8,322	-\$16,085	-\$23,455	-\$30,539
Time Closures in the Current Season (Pg 9 Option 1)	-\$1,112	-\$5,966	-\$11,224	-\$18,243
Time Closures in Current Season Extend Season into Winter (Pg 10 Option 2)	\$2,851	\$1,330	\$1,360	-\$2,514
Selected Closures with Winter Fishing(Pg 12 Option 5)	\$24,894	\$16,682	\$9,620	\$2,382
Quota(Pg 14 Option 2)	\$27,415	\$16,773	\$11,144	\$3,190

The results show that options involving effort reductions within the current season rank poorly relative to those that involve moving effort from the current season to the winter period. The important message from these assessments is that 'on paper' potential exists to reduce catch and effort without reducing the returns to the average licence holder.

On balance over the range of scenarios tested quota ranks highest followed by a system of selected time closures. The ranking is mainly determined by the extent of winter fishing when catching lobster has a higher cost but the higher prices result in greater profit per kilogram.

The economic assessments provide one measure of the merits of the alternatives but given the uncertainties involved the results should be treated carefully. Important information is required about winter catch rates and the impacts of changed fishing patterns before judgements can be made with greater confidence.

APPENDIX 1

Current System Model Output

APPENDIX 1

PART A

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT ARRANGEMENT
carry over 0% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1066	1066
Potlifts	770,250	770,250
Gross Returns (\$m)	19.72	19.72
Profit (\$m)	2.35	2.35
Extra Profit/Licence	0	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	10.28	11.06	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	9.43	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON & MANAGEMENT ARRANGEMENT	carry over 0%
---	------------------

Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	34	34	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	42	42	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

APPENDIX 1

PART B

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1013	1066
Potlifts	731,738	770,250
Gross Returns (\$m)	18.73	19.72
Profit (\$m)	1.68	2.35
Extra Profit/Licence	(8,219)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3752.5	3950
Average Pots/Boat	46.3	48.8
Pot Adjustment	-5.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	648,580	52,535,000
Other Assets	68,500	5,548,500
	868,413	70,341,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	0.00	0.00	0.00	0.00	
Jul	0.00	0.00	0.00	0.00	
Aug	0.00	0.00	0.00	0.00	
Sep	0.00	0.00	0.00	0.00	
Oct	0.00	0.00	0.00	0.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	10.18	10.96	11.74	11.24
Dec	10.95	10.75	10.28	9.75
Jan	10.38	9.93	9.99	9.79
Feb	9.54	9.35	9.08	9.54
Mar	9.76	10.15	10.26	10.74
Apr	10.58	10.97	11.02	11.89
May	11.65	12.43	13.21	13.78
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON & MANAGEMENT - 5% POT REDUCTION	carry over
	0%

CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING						%
% of Fleet Fishing						Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling
Nov	1.0	1.0	1.0	1.0	Nov	0.00%
Dec	1.0	1.0	1.0	1.0	Dec	0.00%
Jan	1.0	1.0	1.0	1.0	Jan	0.00%
Feb	1.0	1.0	1.0	1.0	Feb	0.00%
Mar	1.0	1.0	1.0	1.0	Mar	0.00%
Apr	1.0	1.0	1.0	1.0	Apr	0.00%
May	1.0	1.0	1.0	1.0	May	0.00%
Jun	1.0	1.0	1.0	1.0	Jun	0.00%
Jul	1.0	1.0	1.0	1.0	Jul	0.00%
Aug	1.0	1.0	1.0	1.0	Aug	0.00%
Sep	1.0	1.0	1.0	1.0	Sep	0.00%
Oct	1.0	1.0	1.0	1.0	Oct	0.00%

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	32	32	32	48
Dec	39	39	33	44
Jan	41	35	41	59
Feb	40	40	35	40
Mar	38	38	33	49
Apr	32	32	27	36
May	23	23	23	30
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT - 10% POT REDUCTION
carry over 0% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	960	1066
Potlifts	693,225	770,250
Gross Returns (\$m)	17.74	19.72
Profit (\$m)	1.02	2.35
Extra Profit/Licence	(16,437)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3555	3950
Average Pots/Boat	43.9	48.8
Pot Adjustment	-10.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	10.07	10.85	11.63	11.15
Dec	10.86	10.66	10.17	9.64
Jan	10.29	9.82	9.90	9.71
Feb	9.45	9.26	8.98	9.45
Mar	9.67	10.06	10.15	10.64
Apr	10.47	10.86	10.89	11.76
May	11.49	12.27	13.05	13.62
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	614,444	49,770,000
Other Assets	68,500	5,548,500
	834,277	67,576,473

CURRENT SEASON & MANAGEMENT - 10% POT REDUCTION	carry over 0%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	30	30	30	46
Dec	37	37	31	42
Jan	39	33	39	56
Feb	38	38	33	38
Mar	36	36	31	47
Apr	30	30	26	34
May	21	21	21	28
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT - 15% POT REDUCTION
carry over 0% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	906	1066
Potlifts	654,713	770,250
Gross Returns (\$m)	16.76	19.72
Profit (\$m)	0.35	2.35
Extra Profit/Licence	(24,656)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3357.5	3950
Average Pots/Boat	41.5	48.8
Pot Adjustment	-15.0%	N/A
Change in Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	9.94	10.72	11.50	11.04
Dec	10.75	10.56	10.05	9.51
Jan	10.20	9.71	9.81	9.61
Feb	9.36	9.16	8.87	9.36
Mar	9.56	9.95	10.03	10.53
Apr	10.34	10.73	10.75	11.62
May	11.31	12.09	12.87	13.43
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	580,309	47,005,000
Other Assets	68,500	5,548,500
	800,142	64,811,473

CURRENT SEASON & MANAGEMENT - 15% POT REDUCTION	carry over
	0%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	29	29	29	43
Dec	34	34	30	39
Jan	37	31	37	52
Feb	36	36	31	36
Mar	34	34	29	44
Apr	28	28	24	32
May	20	20	20	27
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT - 20% POT REDUCTION
carry over 0% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	853	1066
Potlifts	616,200	770,250
Gross Returns (\$m)	15.77	19.72
Profit (\$m)	-0.31	2.35
Extra Profit/Licence	(32,874)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3160	3950
Average Pots/Boat	39.0	48.8
Pot Adjustment	-20.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	9.81	10.59	11.37	10.92
Dec	10.64	10.44	9.92	9.37
Jan	10.09	9.59	9.70	9.50
Feb	9.25	9.05	8.74	9.25
Mar	9.45	9.84	9.90	10.40
Apr	10.20	10.59	10.58	11.46
May	11.12	11.90	12.68	13.22
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	546,173	44,240,000
Other Assets	68,500	5,548,500
	766,006	62,046,473

CURRENT SEASON & MANAGEMENT - 20% POT REDUCTION	carry over 0%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	27	27	27	41
Dec	32	32	28	37
Jan	35	30	35	49
Feb	34	34	29	34
Mar	32	32	28	42
Apr	27	27	23	30
May	19	19	19	25
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

APPENDIX 1

PART C

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT 5.5% REDUCTION
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1012	1066
Potlifts	727,886	770,250
Gross Returns (\$m)	18.71	19.72
Profit (\$m)	1.67	2.35
Extra Profit/Licence	(8,322)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3732.75	3950
Average Pots/Boat	46.1	48.8
Pot Adjustment	-5.5%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	645,167	52,258,500
Other Assets	68,500	5,548,500
	865,000	70,064,973

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	10.17	10.95	11.73	11.23
Dec	10.94	10.74	10.27	9.74
Jan	10.37	9.92	9.99	9.79
Feb	9.55	9.36	9.13	9.59
Mar	9.81	10.19	10.29	10.75
Apr	10.59	10.98	11.03	11.89
May	11.65	12.43	13.20	13.77
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON & MANAGEMENT 5.5% REDUCTION	carry over 75%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.57
Feb	1.54	1.55	1.56	1.56
Mar	1.48	1.48	1.47	1.47
Apr	1.21	1.21	1.21	1.21
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
Week 1	Week 2	Week 3	Period 4	
Nov	32	32	32	48
Dec	38	38	33	44
Jan	41	35	41	58
Feb	40	40	35	41
Mar	39	39	33	49
Apr	32	32	27	36
May	22	22	22	30
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT 12.5% POT REDUCTION
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	959	1066
Potlifts	673,969	770,250
Gross Returns (\$m)	17.71	19.72
Profit (\$m)	1.05	2.35
Extra Profit/Licence	(16,085)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3456.25	3950
Average Pots/Boat	42.7	48.8
Pot Adjustment	-12.5%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital /year
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	
Operator Allowance	\$60,000	
Crew Costs	22.00%	
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	597,377	48,387,500
Other Assets	68,500	5,548,500
	817,210	66,193,973

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	10.01	10.79	11.57	11.10
Dec	10.81	10.61	10.12	9.58
Jan	10.25	9.82	9.93	9.74
Feb	9.57	9.40	9.23	9.67
Mar	9.88	10.25	10.32	10.72
Apr	10.61	10.96	10.98	11.77
May	11.53	12.28	13.02	13.55
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON & MANAGEMENT 12.5% POT REDUCTION	carry over
	75%

Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.58	1.60	1.60
Feb	1.61	1.62	1.67	1.66
Mar	1.57	1.56	1.55	1.51
Apr	1.26	1.25	1.25	1.23
May	1.02	1.02	1.01	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	30	30	30	44
Dec	35	35	30	41
Jan	38	33	39	55
Feb	39	39	35	40
Mar	38	38	32	47
Apr	31	30	26	34
May	21	21	21	28
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & MANAGEMENT 20% POT REDUCTION
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	908	1066
Potlifts	616,200	770,250
Gross Returns (\$m)	16.75	19.72
Profit (\$m)	0.45	2.35
Extra Profit/Licence	(23,455)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3160	3950
Average Pots/Boat	39.0	48.8
Pot Adjustment	-20.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	0.00	0.00	0.00	0.00	
Jul	0.00	0.00	0.00	0.00	
Aug	0.00	0.00	0.00	0.00	
Sep	0.00	0.00	0.00	0.00	
Oct	0.00	0.00	0.00	0.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	9.81	10.59	11.37	10.92
Dec	10.64	10.44	9.92	9.37
Jan	10.09	9.69	9.86	9.67
Feb	9.60	9.44	9.34	9.76
Mar	9.99	10.35	10.44	10.76
Apr	10.74	11.04	11.01	11.67
May	11.45	12.17	12.85	13.30
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	546,173	44,240,000
Other Assets	68,500	5,548,500
	766,006	62,046,473

CURRENT SEASON & MANAGEMENT 20% POT REDUCTION	carry over 75%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.61	1.63	1.64
Feb	1.70	1.72	1.81	1.79
Mar	1.70	1.69	1.68	1.60
Apr	1.36	1.33	1.32	1.26
May	1.06	1.05	1.03	1.01
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	27	27	27	41
Dec	32	32	28	37
Jan	35	30	36	52
Feb	38	38	34	40
Mar	38	37	32	46
Apr	30	29	25	32
May	20	20	20	26
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	850	1066
Potlifts	516,068	770,250
Gross Returns (\$m)	15.67	19.72
Profit (\$m)	-0.12	2.35
Extra Profit/Licence	(30,539)	
Days Fished	195	195
Days Lost - Weather	17	17
Total Season Days	212	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	2646.5	3950
Average Pots/Boat	32.7	48.8
Pot Adjustment	-33.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	457,420	37,051,000
Other Assets	68,500	5,548,500
	677,253	54,857,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	1 1 1 1	Nov 1 1 1 0	27
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 1 1	Jan 0 1 0 0	30
Feb	1 1 1 1	Feb 0 0 1 0	27
Mar	1 1 1 1	Mar 0 0 1 1	29
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	0 0 0 0	Jun 1 1 2 2	0
Jul	0 0 0 0	Jul 2 2 2 2	0
Aug	0 0 0 0	Aug 3 3 3 3	0
Sep	0 0 0 0	Sep 3 3 3 3	0
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	0.00	0.00	0.00	0.00	
Jul	0.00	0.00	0.00	0.00	
Aug	0.00	0.00	0.00	0.00	
Sep	0.00	0.00	0.00	0.00	
Oct	0.00	0.00	0.00	0.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	9.35	10.22	11.10	10.70
Dec	10.56	10.38	9.89	9.23
Jan	10.03	9.71	9.88	9.63
Feb	9.73	9.57	9.59	9.96
Mar	10.19	10.56	10.66	10.84
Apr	11.03	11.30	11.32	11.78
May	11.76	12.32	12.82	12.92
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON & MANAGEMENT 33% POT REDUCTION	carry over
	75%

CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.46	1.49	1.49
Dec	1.58	1.59	1.61	1.58
Jan	1.69	1.79	1.81	1.78
Feb	1.95	1.97	2.17	2.10
Mar	2.00	1.98	1.98	1.81
Apr	1.61	1.57	1.56	1.42
May	1.24	1.19	1.14	1.06
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	23	23	24	35
Dec	29	29	26	33
Jan	31	28	34	47
Feb	36	37	34	39
Mar	37	37	31	43
Apr	30	29	25	30
May	20	19	18	22
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

APPENDIX 1

PART D

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + 10% POTS LESS FISHING TIME
carry over 0% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1061	1066
Potlifts	769,065	770,250
Gross Returns (\$m)	19.57	19.72
Profit (\$m)	2.43	2.35
Extra Profit/Licence	959	
Days Fished	177	195
Days Lost - Weather	14	17
Total Season Days	191	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	4345	3950
Average Pots/Boat	53.6	48.8
Pot Adjustment	10.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	750,988	60,830,000
Other Assets	68,500	5,548,500
	970,821	78,636,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4		
Nov	0	0	0	1	Nov	1	1	1	0	9
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	11.47
Dec	11.17	10.98	10.55	10.04
Jan	10.59	10.17	10.20	10.01
Feb	9.76	9.56	9.34	9.76
Mar	9.99	10.38	10.53	11.00
Apr	10.85	11.24	11.34	12.20
May	12.03	12.81	13.59	14.20
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + 10% POT'S LESS FISHING TIME	carry over
	0%

CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	56
Dec	45	45	38	51
Jan	48	41	48	68
Feb	47	47	40	47
Mar	44	44	38	57
Apr	37	37	31	42
May	26	26	26	35
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + 10% POTS LESS FISHING TIME
carry over 50% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1054	1066
Potlifts	708,235	770,250
Gross Returns (\$m)	19.58	19.72
Profit (\$m)	2.73	2.35
Extra Profit/Licence	4,688	
Days Fished	163	195
Days Lost - Weather	14	17
Total Season Days	177	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	4345	3950
Average Pots/Boat	53.6	48.8
Pot Adjustment	10.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	750,988	60,830,000
Other Assets	68,500	5,548,500
	970,821	78,636,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	1	Nov	1	1	1	0	9
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	0.00	0.00	0.00	0.00	
Jul	0.00	0.00	0.00	0.00	
Aug	0.00	0.00	0.00	0.00	
Sep	0.00	0.00	0.00	0.00	
Oct	0.00	0.00	0.00	0.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	11.97
Dec	11.76	11.44	10.96	10.22
Jan	10.76	10.35	10.32	10.07
Feb	0.00	0.00	9.93	10.22
Mar	10.50	10.72	10.73	11.13
Apr	11.09	11.42	11.50	12.31
May	12.25	12.93	13.59	14.20
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + 10% POTS LESS FISHING TIME	carry over 50%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	1.58
Dec	1.79	1.71	1.66	1.55
Jan	1.65	1.65	1.62	1.59
Feb	0.00	0.00	1.87	1.80
Mar	1.73	1.63	1.55	1.52
Apr	1.28	1.26	1.25	1.24
May	1.04	1.02	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	66
Dec	54	52	43	54
Jan	50	43	49	69
Feb	0	0	49	55
Mar	53	50	40	59
Apr	39	38	33	43
May	27	27	26	35
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + 10% POTS LESS FISHING TIME
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	682,165	770,250
Gross Returns (\$m)	19.94	19.72
Profit (\$m)	3.14	2.35
Extra Profit/Licence	9,767	
Days Fished	157	195
Days Lost - Weather	13	17
Total Season Days	170	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	4345	3950
Average Pots/Boat	53.6	48.8
Pot Adjustment	10.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	750,988	60,830,000
Other Assets	68,500	5,548,500
	970,821	78,636,473

FISHING SEASON					DAYS LOST - WEATHER					Total
Periods Fished/Not Fished					Days Lost - Poor Weather					Days
Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	Fished	
Nov	0	0	0	1	Nov	1	1	1	0	9
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	1	Feb	0	0	1	0	7
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	0.00	0.00	0.00	0.00	
Jul	0.00	0.00	0.00	0.00	
Aug	0.00	0.00	0.00	0.00	
Sep	0.00	0.00	0.00	0.00	
Oct	0.00	0.00	0.00	0.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	12.17
Dec	11.98	11.63	11.13	10.31
Jan	10.84	10.43	10.37	10.10
Feb	0.00	0.00	0.00	10.61
Mar	10.91	11.12	10.93	11.27
Apr	11.33	11.64	11.66	12.43
May	12.48	13.11	13.59	14.20
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + 10% POTS LESS FISHING TIME	carry over 75%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	1.80
Dec	1.95	1.83	1.76	1.59
Jan	1.70	1.70	1.65	1.61
Feb	0.00	0.00	0.00	2.11
Mar	2.03	1.89	1.65	1.59
Apr	1.37	1.34	1.30	1.28
May	1.10	1.06	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	70
Dec	59	56	46	55
Jan	52	44	50	70
Feb	0	0	0	64
Mar	62	58	43	62
Apr	42	41	34	44
May	29	28	26	35
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + 10% POTS LESS FISHING TIME
carry over 100% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1060	1066
Potlifts	612,645	770,250
Gross Returns (\$m)	19.81	19.72
Profit (\$m)	3.37	2.35
Extra Profit/Licence	12,648	
Days Fished	141	195
Days Lost - Weather	13	17
Total Season Days	154	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	4345	3950
Average Pots/Boat	53.6	48.8
Pot Adjustment	10.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	750,988	60,830,000
Other Assets	68,500	5,548,500
	970,821	78,636,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	0.00	0.00	0.00	0.00	
Jul	0.00	0.00	0.00	0.00	
Aug	0.00	0.00	0.00	0.00	
Sep	0.00	0.00	0.00	0.00	
Oct	0.00	0.00	0.00	0.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.46	12.14	11.75	10.87
Jan	11.05	10.68	10.57	10.24
Feb	0.00	0.00	0.00	0.00
Mar	11.35	11.58	11.51	11.46
Apr	11.64	11.94	11.99	12.60
May	12.79	13.39	13.81	14.20
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + 10% POTS LESS FISHING TIME	carry over 100%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.43	2.28	2.23	1.91
Jan	1.84	1.85	1.78	1.69
Feb	0.00	0.00	0.00	0.00
Mar	2.50	2.30	2.03	1.69
Apr	1.50	1.46	1.42	1.33
May	1.17	1.13	1.04	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	74	69	58	66
Jan	56	48	54	73
Feb	0	0	0	0
Mar	76	70	53	66
Apr	46	44	37	46
May	31	29	27	35
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

APPENDIX 2

Fishing Time Management Model Output

APPENDIX 2

PART A

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + LESS FISHING TIME FOR 1016 tonnes
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1016	1066
Potlifts	667,550	770,250
Gross Returns (\$m)	18.92	19.72
Profit (\$m)	2.26	2.35
Extra Profit/Licence	(1,112)	
Days Fished	169	195
Days Lost - Weather	15	17
Total Season Days	184	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Week 1	Week 2	Week 3	Period 4
Month				
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Month				
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	9.94
Feb	0.00	0.00	10.00	10.30
Mar	10.58	10.75	10.67	11.04
Apr	11.04	11.35	11.38	12.18
May	12.13	12.74	13.35	13.94
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + LESS FISHING TIME FOR 1016 tonnes carry over
75%

Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.61	1.59
Feb	0.00	0.00	2.01	1.94
Mar	1.86	1.72	1.59	1.55
Apr	1.32	1.29	1.27	1.25
May	1.07	1.03	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	63
Feb	0	0	48	54
Mar	51	48	38	55
Apr	36	36	30	40
May	25	24	24	32
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + LESS FISHING TIME FOR 959 tonnes
carry over 75% winter \$ 0.00

Item	New Management Arrangement	Current Management Arrangement
Catch (tonnes)	959	1066
Potlifts	616,200	770,250
Gross Returns (\$m)	18.08	19.72
Profit (\$m)	1.87	2.35
Extra Profit/Licence	(5,966)	
Days Fished	156	195
Days Lost - Weather	14	17
Total Season Days	170	212

Item	New Management Arrangement	Current Management Arrangement
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

Item	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

Month	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	9.94
Feb	0.00	0.00	0.00	0.00
Mar	11.03	11.27	11.19	11.22
Apr	11.32	11.64	11.67	12.33
May	12.40	13.0	13.52	13.94
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + LESS FISHING TIME FOR 959 tonnes carry over
75%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.61	1.59
Feb	0.00	0.00	0.00	0.00
Mar	2.24	2.09	1.89	1.63
Apr	1.43	1.40	1.37	1.30
May	1.13	1.10	1.03	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	63
Feb	0	0	0	0
Mar	62	58	45	58
Apr	39	39	32	41
May	27	26	24	32
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + LESS FISHING TIME FOR 910 tonnes
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	910	1066
Potlifts	576,700	770,250
Gross Returns (\$m)	17.28	19.72
Profit (\$m)	1.44	2.35
Extra Profit/Licence	(11,224)	
Days Fished	146	195
Days Lost - Weather	14	17
Total Season Days	160	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	0	Jan	0	1	0	0	20
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.11	11.36	11.33	11.34
Apr	11.42	11.75	11.81	12.44
May	12.40	13.04	13.52	13.94
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + LESS FISHING TIME FOR 910 tonnes	carry over 75%
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CATCH RATE ESTIMATES		Initial	% Caught	Catchability In subsequent months					Total
Months		Catch Rates	After a Time	Month 1	Month 2	Month 3	Month 4	Month 5	Caught
Nov		1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.61	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.32	2.18	1.98	1.70
Apr	1.47	1.44	1.42	1.34
May	1.13	1.10	1.03	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	0
Feb	0	0	0	0
Mar	64	60	47	60
Apr	41	40	34	42
May	27	26	24	32
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON + LESS FISHING TIME FOR 853 tonnes
carry over 75% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	853	1066
Potlifts	525,350	770,250
Gross Returns (\$m)	16.21	19.72
Profit (\$m)	0.87	2.35
Extra Profit/Licence	(18,243)	
Days Fished	133	195
Days Lost - Weather	13	17
Total Season Days	146	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 1	Nov 1 1 1 0	9
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 0 0	Jan 0 1 0 0	13
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 1	Mar 0 0 1 1	29
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	0 0 0 0	Jun 1 1 2 2	0
Jul	0 0 0 0	Jul 2 2 2 2	0
Aug	0 0 0 0	Aug 3 3 3 3	0
Sep	0 0 0 0	Sep 3 3 3 3	0
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	12.05
Dec	11.87	11.52	10.99	10.15
Jan	10.72	10.29	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.16	11.42	11.42	11.38
Apr	11.49	11.81	11.90	12.44
May	12.40	13.04	13.52	13.94
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

CURRENT SEASON + LESS FISHING TIME FOR 853 tonnes **carry over**
75%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	1.80
Dec	1.95	1.83	1.76	1.59
Jan	1.70	1.70	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.38	2.23	2.05	1.72
Apr	1.50	1.47	1.45	1.34
May	1.13	1.10	1.03	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	64
Dec	54	51	42	50
Jan	47	40	0	0
Feb	0	0	0	0
Mar	66	62	49	61
Apr	41	41	34	42
May	27	26	24	32
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

CURRENT SEASON & LESS FISHING TIME 0% Carryover 841t
carry over 0% winter \$ 0.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	841	1066
Potlifts	624,100	770,250
Gross Returns (\$m)	16.00	19.72
Profit (\$m)	0.19	2.35
Extra Profit/Licence	(26,666)	
Days Fished	158	195
Days Lost - Weather	16	17
Total Season Days	174	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	1	1	1	1	Nov	1	1	1	0	27
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	0	Jan	0	1	0	0	20
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	0	0	0	0	Jun	1	1	2	2	0
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	10.28	11.06	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	0.00
Feb	0.00	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

CURRENT SEASON & LESS FISHING TIME 0% Carryover 841t carry over
0%

Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	1.43	1.43	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	0.00
Feb	0.00	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.00	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	34	34	34	51
Dec	41	41	35	46
Jan	43	37	43	0
Feb	0	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	0	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

APPENDIX 2

PART B

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER + LESS FISHING TIME FOR 1006 tonnes
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1006	1066
Potlifts	683,350	770,250
Gross Returns (\$m)	19.47	19.72
Profit (\$m)	2.58	2.35
Extra Profit/Licence	2,851	
Days Fished	173	195
Days Lost - Weather	18	17
Total Season Days	191	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	9.94
Feb	0.00	0.00	0.00	0.00
Mar	11.03	11.27	11.19	11.22
Apr	11.32	11.64	11.67	12.33
May	12.40	13.04	13.52	13.94
Jun	15.62	15.62	14.85	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER + LESS FISHING TIME FOR 1006 tonnes	carry over
	75%

CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.61	1.59
Feb	0.00	0.00	0.00	0.00
Mar	2.24	2.09	1.89	1.63
Apr	1.43	1.40	1.37	1.30
May	1.13	1.10	1.03	1.00
Jun	0.69	0.69	0.69	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	63
Feb	0	0	0	0
Mar	62	58	45	58
Apr	39	39	32	41
May	27	26	24	32
Jun	16	16	14	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER + LESS FISHING TIME FOR 957 tonnes
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	957	1066
Potlifts	651,750	770,250
Gross Returns (\$m)	19.17	19.72
Profit (\$m)	2.46	2.35
Extra Profit/Licence	1,330	
Days Fished	165	195
Days Lost - Weather	23	17
Total Season Days	188	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 1 0	Jan 0 1 0 0	20
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 1	Mar 0 0 1 1	29
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 0 0	Jul 2 2 2 2	10
Aug	0 0 0 0	Aug 3 3 3 3	0
Sep	0 0 0 0	Sep 3 3 3 3	0
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.15	11.83	11.41	10.56
Jan	10.83	10.43	10.37	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.11	11.36	11.33	11.34
Apr	11.42	11.75	11.81	12.44
May	12.40	13.04	13.52	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER + LESS FISHING TIME FOR 957 tonnes	carry over 75%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.58	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.19	2.08	2.04	1.80
Jan	1.77	1.78	1.72	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.32	2.18	1.98	1.70
Apr	1.47	1.44	1.42	1.34
May	1.13	1.10	1.03	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	61	57	48	57
Jan	49	42	48	0
Feb	0	0	0	0
Mar	64	60	47	60
Apr	41	40	34	42
May	27	26	24	32
Jun	16	16	14	19
Jul	17	17	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER + LESS FISHING TIME FOR 905 tonnes
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	905	1066
Potlifts	651,750	770,250
Gross Returns (\$m)	19.29	19.72
Profit (\$m)	2.46	2.35
Extra Profit/Licence	1,360	
Days Fished	165	195
Days Lost - Weather	33	17
Total Season Days	198	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 0 0	Jan 0 1 0 0	13
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	0 0 1 1	Mar 0 0 1 1	15
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 1 1	Jul 2 2 2 2	23
Aug	1 1 0 0	Aug 3 3 3 3	8
Sep	0 0 0 0	Sep 3 3 3 3	0
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.15	11.83	11.41	10.56
Jan	10.83	10.43	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	0.00	0.00	11.89	11.83
Apr	11.96	12.05	12.20	12.70
May	12.78	13.31	13.83	14.19
Jun	15.97	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER + LESS FISHING TIME FOR 905 tonnes	carry over
	75%

CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.19	2.08	2.04	1.80
Jan	1.77	1.78	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	0.00	0.00	2.50	2.02
Apr	1.74	1.58	1.58	1.43
May	1.23	1.16	1.10	1.05
Jun	0.72	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	61	57	48	57
Jan	49	42	0	0
Feb	0	0	0	0
Mar	0	0	59	72
Apr	48	44	37	45
May	29	27	26	33
Jun	17	16	14	19
Jul	17	17	17	27
Aug	13	13	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER + LESS FISHING TIME FOR 848 tonnes
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	848	1066
Potlifts	687,300	770,250
Gross Returns (\$m)	19.28	19.72
Profit (\$m)	2.15	2.35
Extra Profit/Licence	(2,514)	
Days Fished	174	195
Days Lost - Weather	47	17
Total Season Days	221	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	0	Dec	0	0	1	2	0
Jan	0	0	0	0	Jan	0	1	0	0	0
Feb	0	0	0	1	Feb	0	0	1	0	7
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	11.05
Mar	11.18	11.38	11.28	11.42
Apr	11.48	11.74	11.72	12.36
May	12.26	12.88	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

OPEN WINTER + LESS FISHING TIME FOR 848 tonnes	carry over 75%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	2.75
Mar	2.40	2.20	1.94	1.74
Apr	1.49	1.44	1.38	1.31
May	1.10	1.06	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	0
Feb	0	0	0	76
Mar	66	61	46	62
Apr	41	40	33	41
May	26	25	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	841	1066
Potlifts	770,250	770,250
Gross Returns (\$m)	19.24	19.72
Profit (\$m)	1.68	2.35
Extra Profit/Licence	(8,279)	
Days Fished	195	195
Days Lost - Weather	50	17
Total Season Days	245	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	0	0	0	0	Jan	0	1	0	0	0
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.03	10.84	10.38	9.86
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

OPEN WINTER + LESS FISHING TIME FOR 841 tonnes	carry over
	0%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.47	1.47	1.47	1.47
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	41	41	35	46
Jan	0	0	0	0
Feb	0	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

APPENDIX 2

PART C

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 100% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1067	1066
Potlifts	691,250	770,250
Gross Returns (\$m)	19.95	19.72
Profit (\$m)	2.93	2.35
Extra Profit/Licence	7,185	
Days Fished	175	195
Days Lost - Weather	16	17
Total Season Days	191	212

FISHING SEASON					DAYS LOST - WEATHER					Total
Periods Fished/Not Fished					Days Lost - Poor Weather					Days
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	Fished
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	0	0	0	Jun	1	1	2	2	6
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.81	11.99
Dec	11.80	11.37	10.70	10.12
Jan	10.69	10.24	10.19	9.96
Feb	0.00	0.00	10.19	10.46
Mar	10.76	10.89	10.76	11.11
Apr	11.15	11.43	11.45	12.23
May	12.23	12.80	13.35	13.94
Jun	11.72	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE	carry over 100%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.93	1.76
Dec	1.90	1.74	1.61	1.57
Jan	1.68	1.67	1.62	1.60
Feb	0.00	0.00	2.16	2.07
Mar	2.00	1.80	1.64	1.58
Apr	1.36	1.32	1.29	1.27
May	1.09	1.04	1.00	1.00
Jun	0.69	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	46	63
Dec	52	48	38	50
Jan	47	40	45	63
Feb	0	0	51	57
Mar	55	50	39	56
Apr	38	36	31	40
May	26	25	24	32
Jun	16	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1067	1066
Potlifts	691,250	770,250
Gross Returns (\$m)	20.03	19.72
Profit (\$m)	2.99	2.35
Extra Profit/Licence	7,974	
Days Fished	175	195
Days Lost - Weather	16	17
Total Season Days	191	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	0	0	0	Jun	1	1	2	2	6
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.81	11.99
Dec	11.80	11.37	10.70	10.12
Jan	10.69	10.24	10.19	9.96
Feb	0.00	0.00	10.19	10.46
Mar	10.76	10.89	10.76	11.11
Apr	11.15	11.43	11.45	12.23
May	12.23	12.80	13.35	13.94
Jun	15.62	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE carry over
100%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.93	1.76
Dec	1.90	1.74	1.61	1.57
Jan	1.68	1.67	1.62	1.60
Feb	0.00	0.00	2.16	2.07
Mar	2.00	1.80	1.64	1.58
Apr	1.36	1.32	1.29	1.27
May	1.09	1.04	1.00	1.00
Jun	0.69	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							
Month	Week 1	Week 2	Week 3	Period 4	Month	Double Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	46	63
Dec	52	48	38	50
Jan	47	40	45	63
Feb	0	0	51	57
Mar	55	50	39	56
Apr	38	36	31	40
May	26	25	24	32
Jun	16	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 100% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1067	1066
Potlifts	691,250	770,250
Gross Returns (\$m)	20.11	19.72
Profit (\$m)	3.06	2.35
Extra Profit/Licence	8,762	
Days Fished	175	195
Days Lost - Weather	16	17
Total Season Days	191	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	0	0	0	Jun	1	1	2	2	6
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.81	11.99
Dec	11.80	11.37	10.70	10.12
Jan	10.69	10.24	10.19	9.96
Feb	0.00	0.00	10.19	10.46
Mar	10.76	10.89	10.76	11.11
Apr	11.15	11.43	11.45	12.23
May	12.23	12.80	13.35	13.94
Jun	19.52	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE	carry over 100%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.93	1.76
Dec	1.90	1.74	1.61	1.57
Jan	1.68	1.67	1.62	1.60
Feb	0.00	0.00	2.16	2.07
Mar	2.00	1.80	1.64	1.58
Apr	1.36	1.32	1.29	1.27
May	1.09	1.04	1.00	1.00
Jun	0.69	0.00	0.00	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING					Month	% Double Pulling
% of Fleet Fishing						
Month	Week 1	Week 2	Week 3	Period 4		
Nov	1.0	1.0	1.0	1.0	Nov	0.00%
Dec	1.0	1.0	1.0	1.0	Dec	0.00%
Jan	1.0	1.0	1.0	1.0	Jan	0.00%
Feb	1.0	1.0	1.0	1.0	Feb	0.00%
Mar	1.0	1.0	1.0	1.0	Mar	0.00%
Apr	1.0	1.0	1.0	1.0	Apr	0.00%
May	1.0	1.0	1.0	1.0	May	0.00%
Jun	1.0	1.0	1.0	1.0	Jun	0.00%
Jul	1.0	1.0	1.0	1.0	Jul	0.00%
Aug	1.0	1.0	1.0	1.0	Aug	0.00%
Sep	1.0	1.0	1.0	1.0	Sep	0.00%
Oct	1.0	1.0	1.0	1.0	Oct	0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	46	63
Dec	52	48	38	50
Jan	47	40	45	63
Feb	0	0	51	57
Mar	55	50	39	56
Apr	38	36	31	40
May	26	25	24	32
Jun	16	0	0	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 75% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1063	1066
Potlifts	734,700	770,250
Gross Returns (\$m)	20.08	19.72
Profit (\$m)	2.79	2.35
Extra Profit/Licence	5,471	
Days Fished	186	195
Days Lost - Weather	19	17
Total Season Days	205	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total
Periods Fished/Not Fished					Days Lost - Poor Weather					Days
Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	Fished	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	9.94
Feb	0.00	0.00	10.00	10.30
Mar	10.58	10.75	10.67	11.04
Apr	11.04	11.35	11.38	12.18
May	12.13	12.74	13.35	13.94
Jun	11.72	11.72	10.95	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE carry over
75%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.61	1.59
Feb	0.00	0.00	2.01	1.94
Mar	1.86	1.72	1.59	1.55
Apr	1.32	1.29	1.27	1.25
May	1.07	1.03	1.00	1.00
Jun	0.69	0.69	0.69	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	63
Feb	0	0	48	54
Mar	51	48	38	55
Apr	36	36	30	40
May	25	24	24	32
Jun	16	16	14	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1063	1066
Potlifts	734,700	770,250
Gross Returns (\$m)	20.31	19.72
Profit (\$m)	2.97	2.35
Extra Profit/Licence	7,705	
Days Fished	186	195
Days Lost - Weather	19	17
Total Season Days	205	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	9.94
Feb	0.00	0.00	10.00	10.30
Mar	10.58	10.75	10.67	11.04
Apr	11.04	11.35	11.38	12.18
May	12.13	12.74	13.35	13.94
Jun	15.62	15.62	14.85	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 10601 & VARY PRICE	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.61	1.59
Feb	0.00	0.00	2.01	1.94
Mar	1.86	1.72	1.59	1.55
Apr	1.32	1.29	1.27	1.25
May	1.07	1.03	1.00	1.00
Jun	0.69	0.69	0.69	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	63
Feb	0	0	48	54
Mar	51	48	38	55
Apr	36	36	30	40
May	25	24	24	32
Jun	16	16	14	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 75% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1063	1066
Potlifts	734,700	770,250
Gross Returns (\$m)	20.54	19.72
Profit (\$m)	3.15	2.35
Extra Profit/Licence	9,939	
Days Fished	186	195
Days Lost - Weather	19	17
Total Season Days	205	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	0	0	0	0	Jul	2	2	2	2	0
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	10.18	10.16	9.94
Feb	0.00	0.00	10.00	10.30
Mar	10.58	10.75	10.67	11.04
Apr	11.04	11.35	11.38	12.18
May	12.13	12.74	13.35	13.94
Jun	19.52	19.52	18.75	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE carry over
75%

CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	1.64	1.81	1.59
Feb	0.00	0.00	2.01	1.94
Mar	1.86	1.72	1.59	1.55
Apr	1.32	1.29	1.27	1.25
May	1.07	1.03	1.00	1.00
Jun	0.69	0.69	0.69	0.00
Jul	0.00	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							
Month	Week 1	Week 2	Week 3	Period 4	Month	Double Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	39	44	63
Feb	0	0	48	54
Mar	51	48	38	55
Apr	36	36	30	40
May	25	24	24	32
Jun	16	16	14	0
Jul	0	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 50% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	782,100	770,250
Gross Returns (\$m)	20.36	19.72
Profit (\$m)	2.74	2.35
Extra Profit/Licence	4,789	
Days Fished	198	195
Days Lost - Weather	23	17
Total Season Days	221	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	0	0	0	Jul	2	2	2	2	5
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.40	11.69
Dec	11.46	11.13	10.55	9.99
Jan	10.58	10.13	10.13	9.92
Feb	0.00	0.00	9.77	10.11
Mar	10.37	10.59	10.57	10.98
Apr	10.93	11.26	11.30	12.12
May	12.02	12.69	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE carry over
50%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.68	1.59
Dec	1.68	1.60	1.54	1.52
Jan	1.62	1.62	1.59	1.58
Feb	0.00	0.00	1.85	1.80
Mar	1.73	1.63	1.55	1.52
Apr	1.28	1.28	1.25	1.24
May	1.04	1.02	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	40	57
Dec	46	44	36	48
Jan	45	38	44	63
Feb	0	0	44	50
Mar	48	45	37	54
Apr	35	35	30	39
May	25	24	24	32
Jun	16	16	14	19
Jul	17	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 50% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	782,100	770,250
Gross Returns (\$m)	20.77	19.72
Profit (\$m)	3.06	2.35
Extra Profit/Licence	8,745	
Days Fished	198	195
Days Lost - Weather	23	17
Total Season Days	221	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	0	0	0	Jul	2	2	2	2	5
Aug	0	0	0	0	Aug	3	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.40	11.69
Dec	11.46	11.13	10.55	9.99
Jan	10.58	10.13	10.13	9.92
Feb	0.00	0.00	9.77	10.11
Mar	10.37	10.59	10.57	10.98
Apr	10.93	11.26	11.30	12.12
May	12.02	12.69	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE

carry over

50%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.68	1.59
Dec	1.68	1.60	1.54	1.52
Jan	1.62	1.62	1.59	1.58
Feb	0.00	0.00	1.85	1.80
Mar	1.73	1.63	1.55	1.52
Apr	1.28	1.26	1.25	1.24
May	1.04	1.02	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	40	57
Dec	46	44	36	48
Jan	45	38	44	63
Feb	0	0	44	50
Mar	48	45	37	54
Apr	35	35	30	39
May	25	24	24	32
Jun	16	16	14	19
Jul	17	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 50% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	782,100	770,250
Gross Returns (\$m)	21.18	19.72
Profit (\$m)	3.38	2.35
Extra Profit/Licence	12,701	
Days Fished	198	195
Days Lost - Weather	23	17
Total Season Days	221	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER				Total Days Fished
	Week1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	28
Jan	1	1	1	1	Jan	0	1	0	30
Feb	0	0	1	1	Feb	0	0	1	13
Mar	1	1	1	1	Mar	0	0	1	29
Apr	1	1	1	1	Apr	0	0	1	28
May	1	1	1	1	May	1	1	1	26
Jun	1	1	1	1	Jun	1	1	2	24
Jul	1	0	0	0	Jul	2	2	2	5
Aug	0	0	0	0	Aug	3	3	3	0
Sep	0	0	0	0	Sep	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.40	11.69
Dec	11.46	11.13	10.55	9.99
Jan	10.58	10.13	10.13	9.92
Feb	0.00	0.00	9.77	10.11
Mar	10.37	10.59	10.57	10.98
Apr	10.93	11.26	11.30	12.12
May	12.02	12.69	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE

carry over

50%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jan	1.58	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.68	1.59
Dec	1.68	1.60	1.54	1.52
Jan	1.62	1.62	1.59	1.58
Feb	0.00	0.00	1.85	1.80
Mar	1.73	1.63	1.55	1.52
Apr	1.28	1.28	1.25	1.24
May	1.04	1.02	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.00	0.00	0.00
Aug	0.00	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
Tonnes/week				
Week 1	Week 2	Week 3	Period 4	
Nov	0	0	40	57
Dec	46	44	36	48
Jan	45	38	44	63
Feb	0	0	44	50
Mar	48	45	37	54
Apr	35	35	30	39
May	25	24	24	32
Jun	16	16	14	19
Jul	17	0	0	0
Aug	0	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 0% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	869,000	770,250
Gross Returns (\$m)	20.96	19.72
Profit (\$m)	2.69	2.35
Extra Profit/Licence	4,235	
Days Fished	220	195
Days Lost - Weather	32	17
Total Season Days	252	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER				Total Days Fished
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	28
Jan	1	1	1	1	Jan	0	1	0	30
Feb	0	0	1	1	Feb	0	0	1	13
Mar	1	1	1	1	Mar	0	0	1	29
Apr	1	1	1	1	Apr	0	0	1	28
May	1	1	1	1	May	1	1	1	26
Jun	1	1	1	1	Jun	1	1	2	24
Jul	1	1	1	1	Jul	2	2	2	23
Aug	1	0	0	0	Aug	3	3	3	4
Sep	0	0	0	0	Sep	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	0.00	0.00	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE	carry over 0%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	0.00	0.00	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	0	0	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 0% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	869,000	770,250
Gross Returns (\$m)	21.74	19.72
Profit (\$m)	3.30	2.35
Extra Profit/Licence	11,724	
Days Fished	220	195
Days Lost - Weather	32	17
Total Season Days	252	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	0	0	0	Aug	3	3	3	3	4
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	0.00	0.00	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE	carry over 0%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	0.00	0.00	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING					Month	% Double Pulling
% of Fleet Fishing						
Month	Week 1	Week 2	Week 3	Period 4		
Nov	1.0	1.0	1.0	1.0	Nov	0.00%
Dec	1.0	1.0	1.0	1.0	Dec	0.00%
Jan	1.0	1.0	1.0	1.0	Jan	0.00%
Feb	1.0	1.0	1.0	1.0	Feb	0.00%
Mar	1.0	1.0	1.0	1.0	Mar	0.00%
Apr	1.0	1.0	1.0	1.0	Apr	0.00%
May	1.0	1.0	1.0	1.0	May	0.00%
Jun	1.0	1.0	1.0	1.0	Jun	0.00%
Jul	1.0	1.0	1.0	1.0	Jul	0.00%
Aug	1.0	1.0	1.0	1.0	Aug	0.00%
Sep	1.0	1.0	1.0	1.0	Sep	0.00%
Oct	1.0	1.0	1.0	1.0	Oct	0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	0	0	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE
carry over 0% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	869,000	770,250
Gross Returns (\$m)	22.52	19.72
Profit (\$m)	3.91	2.35
Extra Profit/Licence	19,213	
Days Fished	220	195
Days Lost - Weather	32	17
Total Season Days	252	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total
Periods Fished/Not Fished					Days Lost - Poor Weather					Days
Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	Fished	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	1	1	Feb	0	0	1	0	13
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	0	0	0	Aug	3	3	3	3	4
Sep	0	0	0	0	Sep	3	3	3	3	0
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Week 1	Week 2	Week 3	Period 4
Month				
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Month				
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	0.00	0.00	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

OPEN WINTER, CLOSE CURRENT, 1060t & VARY PRICE	carry over 0%
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CATCH RATE ESTIMATES		% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
Months	Initial Catch Rates Rate		Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	0.00	0.00	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.00	0.00	0.00
Sep	0.00	0.00	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	0	0	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	0	0	0
Sep	0	0	0	0
Oct	0	0	0	0

APPENDIX 2

PART D

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 0% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1068	1066
Potlifts	916,400	770,250
Gross Returns (\$m)	21.73	19.72
Profit (\$m)	2.88	2.35
Extra Profit/Licence	6,545	
Days Fished	232	195
Days Lost - Weather	51	17
Total Season Days	283	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	0	0	0	Feb	0	0	1	0	7
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 0%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	41	41	35	46
Jan	43	37	43	62
Feb	42	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 0% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1068	1066
Potlifts	916,400	770,250
Gross Returns (\$m)	23.10	19.72
Profit (\$m)	3.95	2.35
Extra Profit/Licence	19,806	
Days Fished	232	195
Days Lost - Weather	51	17
Total Season Days	283	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 1 1	Jan 0 1 0 0	30
Feb	1 0 0 0	Feb 0 0 1 0	7
Mar	1 1 1 1	Mar 0 0 1 1	29
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 1 1	Jul 2 2 2 2	23
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 0%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	41	41	35	46
Jan	43	37	43	62
Feb	42	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 0% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1068	1066
Potlifts	916,400	770,250
Gross Returns (\$m)	24.48	19.72
Profit (\$m)	5.03	2.35
Extra Profit/Licence	33,068	
Days Fished	232	195
Days Lost - Weather	51	17
Total Season Days	283	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	0	0	0	Feb	0	0	1	0	7
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 0%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	41	41	35	46
Jan	43	37	43	62
Feb	42	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	821,600	770,250
Gross Returns (\$m)	21.88	19.72
Profit (\$m)	3.49	2.35
Extra Profit/Licence	14,036	
Days Fished	208	195
Days Lost - Weather	49	17
Total Season Days	257	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.87	11.57	11.14	10.35
Jan	10.72	10.30	10.27	10.00
Feb	0.00	0.00	0.00	0.00
Mar	10.74	11.00	10.96	0.00
Apr	11.53	11.88	12.03	0.00
May	12.97	13.67	14.31	14.20
Jun	12.42	12.42	11.84	11.53
Jul	12.69	12.69	12.69	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 50%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.95	1.87	1.85	1.69
Jan	1.70	1.70	1.67	1.63
Feb	0.00	0.00	0.00	0.00
Mar	1.98	1.88	1.74	0.00
Apr	1.52	1.50	1.50	0.00
May	1.28	1.26	1.22	1.05
Jun	0.76	0.76	0.77	0.71
Jul	0.87	0.87	0.87	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	54	52	44	53
Jan	47	40	46	64
Feb	0	0	0	0
Mar	55	52	41	0
Apr	42	41	36	0
May	30	30	29	33
Jun	18	18	15	20
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 50% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	821,600	770,250
Gross Returns (\$m)	23.29	19.72
Profit (\$m)	4.59	2.35
Extra Profit/Licence	27,620	
Days Fished	208	195
Days Lost - Weather	49	17
Total Season Days	257	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.87	11.57	11.14	10.35
Jan	10.72	10.30	10.27	10.00
Feb	0.00	0.00	0.00	0.00
Mar	10.74	11.00	10.96	0.00
Apr	11.53	11.88	12.03	0.00
May	12.97	13.67	14.31	14.20
Jun	16.32	16.32	15.74	15.43
Jul	16.59	16.59	16.59	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 50%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.95	1.87	1.85	1.69
Jan	1.70	1.70	1.87	1.63
Feb	0.00	0.00	0.00	0.00
Mar	1.98	1.88	1.74	0.00
Apr	1.52	1.50	1.50	0.00
May	1.28	1.26	1.22	1.05
Jun	0.76	0.76	0.77	0.71
Jul	0.87	0.87	0.87	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	54	52	44	53
Jan	47	40	46	64
Feb	0	0	0	0
Mar	55	52	41	0
Apr	42	41	36	0
May	30	30	29	33
Jun	18	18	15	20
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	821,600	770,250
Gross Returns (\$m)	24.70	19.72
Profit (\$m)	5.69	2.35
Extra Profit/Licence	41,204	
Days Fished	208	195
Days Lost - Weather	49	17
Total Season Days	257	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 1 1	Jan 0 1 0 0	30
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 1 1	Jul 2 2 2 2	23
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.87	11.57	11.14	10.35
Jan	10.72	10.30	10.27	10.00
Feb	0.00	0.00	0.00	0.00
Mar	10.74	11.00	10.96	0.00
Apr	11.53	11.88	12.03	0.00
May	12.97	13.67	14.31	14.20
Jun	20.22	20.22	19.64	19.33
Jul	20.49	20.49	20.49	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 50%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.05	1.87	1.85	1.69
Jan	1.70	1.70	1.67	1.63
Feb	0.00	0.00	0.00	0.00
Mar	1.98	1.98	1.74	0.00
Apr	1.52	1.50	1.50	0.00
May	1.28	1.26	1.22	1.05
Jun	0.76	0.76	0.77	0.71
Jul	0.87	0.87	0.87	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	54	52	44	53
Jan	47	40	46	64
Feb	0	0	0	0
Mar	55	52	41	0
Apr	42	41	36	0
May	30	30	29	33
Jun	18	18	15	20
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON inc WINTER, 1060t & VARY PRICE
carry over 75% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	679,400	770,250
Gross Returns (\$m)	21.28	19.72
Profit (\$m)	3.84	2.35
Extra Profit/Licence	18,422	
Days Fished	172	195
Days Lost - Weather	37	17
Total Season Days	209	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.15	11.83	11.41	10.56
Jan	10.83	10.43	10.37	10.06
Feb	0.00	0.00	0.00	0.00
Mar	11.03	11.27	11.19	0.00
Apr	11.84	12.18	12.35	0.00
May	13.38	14.07	14.67	0.00
Jun	13.95	13.95	13.72	0.00
Jul	13.96	13.96	13.96	0.00
Aug	13.65	13.65	13.65	0.00
Sep	14.18	14.18	14.18	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 75%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.19	2.08	2.04	1.80
Jan	1.77	1.78	1.72	1.66
Feb	0.00	0.00	0.00	0.00
Mar	2.24	2.09	1.89	0.00
Apr	1.67	1.64	1.65	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	61	57	48	57
Jan	49	42	48	66
Feb	0	0	0	0
Mar	62	58	45	0
Apr	46	45	39	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	679,400	770,250
Gross Returns (\$m)	22.50	19.72
Profit (\$m)	4.79	2.35
Extra Profit/Licence	30,149	
Days Fished	172	195
Days Lost - Weather	37	17
Total Season Days	209	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.15	11.83	11.41	10.56
Jan	10.83	10.43	10.37	10.06
Feb	0.00	0.00	0.00	0.00
Mar	11.03	11.27	11.19	0.00
Apr	11.84	12.18	12.35	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 75%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Flshed	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.19	2.08	2.04	1.80
Jan	1.77	1.78	1.72	1.66
Feb	0.00	0.00	0.00	0.00
Mar	2.24	2.09	1.89	0.00
Apr	1.87	1.84	1.85	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	61	57	48	57
Jan	49	42	48	66
Feb	0	0	0	0
Mar	62	58	45	0
Apr	46	45	39	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 75% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	679,400	770,250
Gross Returns (\$m)	23.72	19.72
Profit (\$m)	5.74	2.35
Extra Profit/Licence	41,877	
Days Fished	172	195
Days Lost - Weather	37	17
Total Season Days	209	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 1 1	Jan 0 1 0 0	30
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 0	Aug 3 3 3 3	12
Sep	1 1 1 0	Sep 3 3 3 3	12
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.15	11.83	11.41	10.56
Jan	10.83	10.43	10.37	10.06
Feb	0.00	0.00	0.00	0.00
Mar	11.03	11.27	11.19	0.00
Apr	11.84	12.18	12.35	0.00
May	13.38	14.07	14.67	0.00
Jun	21.75	21.75	21.52	0.00
Jul	21.76	21.76	21.76	0.00
Aug	21.45	21.45	21.45	0.00
Sep	21.98	21.98	21.98	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 75%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.19	2.08	2.04	1.80
Jan	1.77	1.78	1.72	1.66
Feb	0.00	0.00	0.00	0.00
Mar	2.24	2.09	1.89	0.00
Apr	1.67	1.64	1.65	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	61	57	48	57
Jan	49	42	48	66
Feb	0	0	0	0
Mar	62	58	45	0
Apr	46	45	39	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 100% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1056	1066
Potlifts	612,250	770,250
Gross Returns (\$m)	21.46	19.72
Profit (\$m)	4.32	2.35
Extra Profit/Licence	24,290	
Days Fished	155	195
Days Lost - Weather	37	17
Total Season Days	192	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 0 0	Jan 0 1 0 0	13
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 0	Aug 3 3 3 3	12
Sep	1 1 1 0	Sep 3 3 3 3	12
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.38	12.05	11.64	10.73
Jan	10.94	10.55	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.40	11.65	11.65	0.00
Apr	12.23	12.56	12.80	0.00
May	13.72	14.40	14.98	0.00
Jun	14.43	14.43	14.28	0.00
Jul	14.32	14.32	14.32	0.00
Aug	14.13	14.13	14.13	0.00
Sep	14.55	14.55	14.55	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 100%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.43	2.28	2.23	1.91
Jan	1.84	1.85	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.69	2.49	2.25	0.00
Apr	1.92	1.89	1.92	0.00
May	1.56	1.52	1.44	0.00
Jun	1.06	1.06	1.13	0.00
Jul	1.14	1.14	1.14	0.00
Aug	1.25	1.25	1.25	0.00
Sep	1.36	1.36	1.36	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	67	63	53	60
Jan	51	44	0	0
Feb	0	0	0	0
Mar	74	69	53	0
Apr	53	52	45	0
May	37	36	34	0
Jun	25	25	22	0
Jul	23	23	23	0
Aug	20	20	20	0
Sep	21	21	21	0
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1056	1066
Potlifts	612,250	770,250
Gross Returns (\$m)	22.78	19.72
Profit (\$m)	5.35	2.35
Extra Profit/Licence	36,989	
Days Fished	155	195
Days Lost - Weather	37	17
Total Season Days	192	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	0	0	Jan	0	1	0	0	13
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.38	12.05	11.64	10.73
Jan	10.94	10.55	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.40	11.65	11.65	0.00
Apr	12.23	12.56	12.80	0.00
May	13.72	14.40	14.98	0.00
Jun	18.33	18.33	18.18	0.00
Jul	18.22	18.22	18.22	0.00
Aug	18.03	18.03	18.03	0.00
Sep	18.45	18.45	18.45	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 100%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Week 1 Week 2 Week 3 Period 4			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.43	2.28	2.23	1.91
Jan	1.84	1.85	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.69	2.49	2.25	0.00
Apr	1.92	1.89	1.92	0.00
May	1.56	1.52	1.44	0.00
Jun	1.06	1.06	1.13	0.00
Jul	1.14	1.14	1.14	0.00
Aug	1.25	1.25	1.25	0.00
Sep	1.36	1.36	1.36	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	67	63	53	60
Jan	51	44	0	0
Feb	0	0	0	0
Mar	74	69	53	0
Apr	53	52	45	0
May	37	36	34	0
Jun	25	25	22	0
Jul	23	23	23	0
Aug	20	20	20	0
Sep	21	21	21	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE
carry over 100% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1056	1066
Potlifts	612,250	770,250
Gross Returns (\$m)	24.10	19.72
Profit (\$m)	6.37	2.35
Extra Profit/Licence	49,688	
Days Fished	155	195
Days Lost - Weather	37	17
Total Season Days	192	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 0 0	Jan 0 1 0 0	13
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 0	Aug 3 3 3 3	12
Sep	1 1 1 0	Sep 3 3 3 3	12
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.38	12.05	11.64	10.73
Jan	10.94	10.55	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.40	11.65	11.65	0.00
Apr	12.23	12.56	12.80	0.00
May	13.72	14.40	14.98	0.00
Jun	22.23	22.23	22.08	0.00
Jul	22.12	22.12	22.12	0.00
Aug	21.93	21.93	21.93	0.00
Sep	22.35	22.35	22.35	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1060t & VARY PRICE	carry over 100%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.43	2.28	2.23	1.91
Jan	1.84	1.85	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.69	2.49	2.25	0.00
Apr	1.92	1.89	1.92	0.00
May	1.56	1.52	1.44	0.00
Jun	1.06	1.06	1.13	0.00
Jul	1.14	1.14	1.14	0.00
Aug	1.25	1.25	1.25	0.00
Sep	1.36	1.36	1.36	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	67	63	53	60
Jan	51	44	0	0
Feb	0	0	0	0
Mar	74	69	53	0
Apr	53	52	45	0
May	37	36	34	0
Jun	25	25	22	0
Jul	23	23	23	0
Aug	20	20	20	0
Sep	21	21	21	0
Oct	0	0	0	0

APPENDIX 2

PART E

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 1020t CATCH
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1020	1066
Potlifts	651,750	770,250
Gross Returns (\$m)	21.78	19.72
Profit (\$m)	4.37	2.35
Extra Profit/Licence	24,894	
Days Fished	165	195
Days Lost - Weather	37	17
Total Season Days	202	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	0	1	1	0	Mar	0	0	1	1	13
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	12.15	11.83	11.41	10.56
Jan	10.83	10.43	10.37	10.06
Feb	0.00	0.00	0.00	0.00
Mar	0.00	11.47	11.49	0.00
Apr	11.93	12.27	12.47	0.00
May	13.47	14.16	14.77	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 1020t CATCH	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	2.19	2.08	2.04	1.80
Jan	1.77	1.78	1.72	1.66
Feb	0.00	0.00	0.00	0.00
Mar	0.00	2.28	2.11	0.00
Apr	1.73	1.70	1.72	0.00
May	1.45	1.42	1.36	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	61	57	48	57
Jan	49	42	48	66
Feb	0	0	0	0
Mar	0	63	50	0
Apr	48	47	41	0
May	34	34	32	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	948	1066
Potlifts	616,200	770,250
Gross Returns (\$m)	20.74	19.72
Profit (\$m)	3.70	2.35
Extra Profit/Licence	16,682	
Days Fished	156	195
Days Lost - Weather	41	17
Total Season Days	197	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	1	1	Dec	0	0	1	2	14
Jan	1	1	1	0	Jan	0	1	0	0	20
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	0	1	1	1	Mar	0	0	1	1	22
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	11.88	11.04
Jan	11.33	10.85	10.54	0.00
Feb	0.00	0.00	0.00	0.00
Mar	0.00	11.57	11.61	11.59
Apr	11.55	11.87	11.97	0.00
May	13.25	13.93	14.51	0.00
Jun	17.60	17.60	17.33	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	17.50
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 948t CATCH	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	2.49	2.14
Jan	2.15	2.07	1.83	0.00
Feb	0.00	0.00	0.00	0.00
Mar	0.00	2.40	2.21	1.85
Apr	1.52	1.49	1.48	0.00
May	1.37	1.34	1.28	0.00
Jun	0.93	0.93	0.97	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	1.04
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	59	67
Jan	60	49	51	0
Feb	0	0	0	0
Mar	0	66	52	66
Apr	42	41	35	0
May	33	32	30	0
Jun	22	22	19	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	25
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 8991 CATCH
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	899	1066
Potlifts	572,750	770,250
Gross Returns (\$m)	19.67	19.72
Profit (\$m)	3.13	2.35
Extra Profit/Licence	9,620	
Days Fished	145	195
Days Lost - Weather	36	17
Total Season Days	181	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	1	1	1	Dec	0	0	1	2	21
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	0	0	0	0	Mar	0	0	1	1	0
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	12.04	11.67	10.82
Jan	11.11	10.54	10.45	10.13
Feb	0.00	0.00	0.00	0.00
Mar	0.00	0.00	0.00	0.00
Apr	12.43	12.61	12.68	0.00
May	13.74	14.38	14.93	0.00
Jun	18.17	18.00	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 899t CATCH	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Flshed	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	2.27	2.27	1.97
Jan	1.96	1.84	1.78	1.70
Feb	0.00	0.00	0.00	0.00
Mar	0.00	0.00	0.00	0.00
Apr	2.08	1.92	1.84	0.00
May	1.57	1.51	1.42	0.00
Jun	1.03	0.99	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							
Month	Week 1	Week 2	Week 3	Period 4	Month	Double Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	63	54	62
Jan	54	44	49	67
Feb	0	0	0	0
Mar	0	0	0	0
Apr	58	53	44	0
May	37	36	34	0
Jun	24	24	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 843t CATCH
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	843	1066
Potlifts	533,250	770,250
Gross Returns (\$m)	18.67	19.72
Profit (\$m)	2.54	2.35
Extra Profit/Licence	2,382	
Days Fished	135	195
Days Lost - Weather	36	17
Total Season Days	171	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	0 1 1 1	Dec 0 0 1 2	21
Jan	0 0 0 0	Jan 0 1 0 0	0
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 0	Aug 3 3 3 3	12
Sep	1 1 1 0	Sep 3 3 3 3	12
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	12.04	11.67	10.82
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.28	11.50	11.50	0.00
Apr	12.05	12.34	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	0.00
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 843t CATCH	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	2.27	2.27	1.97
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.51	2.31	2.12	0.00
Apr	1.80	1.74	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							
Month	Week 1	Week 2	Week 3	Period 4	Month	Double Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	63	54	62
Jan	0	0	0	0
Feb	0	0	0	0
Mar	70	64	50	0
Apr	50	48	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

SELECTED SEASON Inc WINTER, 843t CATCH
carry over 0% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	841	1066
Potlifts	770,250	770,250
Gross Returns (\$m)	19.24	19.72
Profit (\$m)	1.68	2.35
Extra Profit/Licence	(8,279)	
Days Fished	195	195
Days Lost - Weather	50	17
Total Season Days	245	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 0 0	Nov 1 1 1 0	0
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	0 0 0 0	Jan 0 1 0 0	0
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 1	Mar 0 0 1 1	29
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 1 1	Jul 2 2 2 2	23
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.03	10.84	10.38	9.86
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

SELECTED SEASON Inc WINTER, 843t CATCH	carry over 0%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.47	1.47	1.47	1.47
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	41	41	35	46
Jan	0	0	0	0
Feb	0	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

APPENDIX 2

PART F

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON
carry over 0% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1074	1066
Potlifts	916,400	770,250
Gross Returns (\$m)	21.59	19.72
Profit (\$m)	2.77	2.35
Extra Profit/Licence	5,244	
Days Fished	232	195
Days Lost - Weather	51	17
Total Season Days	283	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4		
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	1	Dec	0	0	1	2	8
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	9.43	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 0%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	46
Jan	43	37	43	62
Feb	42	42	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON

carry over

0% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1074	1066
Potlifts	916,400	770,250
Gross Returns (\$m)	22.97	19.72
Profit (\$m)	3.85	2.35
Extra Profit/Licence	18,506	
Days Fished	232	195
Days Lost - Weather	51	17
Total Season Days	283	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	1	Dec	0	0	1	2	8
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	9.43	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 0%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	46
Jan	43	37	43	62
Feb	42	42	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON
carry over 0% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1074	1066
Potlifts	916,400	770,250
Gross Returns (\$m)	24.35	19.72
Profit (\$m)	4.92	2.35
Extra Profit/Licence	31,767	
Days Fished	232	195
Days Lost - Weather	51	17
Total Season Days	283	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Periods Fished/Not Fished					Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	1	Dec	0	0	1	2	8
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	9.86
Jan	10.46	10.02	10.07	9.87
Feb	9.62	9.43	9.18	9.62
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

WINTER SEASON	carry over 0%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	1.47
Jan	1.56	1.56	1.56	1.56
Feb	1.54	1.54	1.54	1.54
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	46
Jan	43	37	43	62
Feb	42	42	36	42
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON		
carry over	50% winter \$	25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1066	1066
Potlifts	857,150	770,250
Gross Returns (\$m)	21.41	19.72
Profit (\$m)	2.94	2.35
Extra Profit/Licence	7,316	
Days Fished	217	195
Days Lost - Weather	49	17
Total Season Days	266	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital /year
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	
Operator Allowance	\$60,000	
Crew Costs	22.00%	of catch value /potlift
Bait & Tackle Costs	\$1.75	
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER				Total Days Fished
	Periods Fished/Not Fished				Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0
Dec	0	0	0	0	Dec	0	0	1	2
Jan	0	1	1	1	Jan	0	1	0	0
Feb	1	1	1	1	Feb	0	0	1	0
Mar	1	1	1	1	Mar	0	0	1	1
Apr	1	1	1	1	Apr	0	0	1	1
May	1	1	1	1	May	1	1	1	2
Jun	1	1	1	1	Jun	1	1	2	2
Jul	1	1	1	1	Jul	2	2	2	2
Aug	1	1	1	1	Aug	3	3	3	3
Sep	1	1	1	1	Sep	3	3	3	3
Oct	0	0	0	0	Oct	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	11.18	10.93	10.44
Feb	10.23	9.84	9.61	9.92
Mar	10.09	10.40	10.52	10.91
Apr	10.74	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 50%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

	ADJUSTED CATCH RATES			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	2.36	2.14	1.90
Feb	1.89	1.76	1.75	1.69
Mar	1.57	1.53	1.52	1.49
Apr	1.22	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

	WEEKLY TONNES CAUGHT			
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	56	59	75
Feb	52	49	42	47
Mar	43	42	36	53
Apr	34	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON		
carry over	50% winter \$	30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1066	1066
Potlifts	857,150	770,250
Gross Returns (\$m)	22.78	19.72
Profit (\$m)	4.02	2.35
Extra Profit/Licence	20,577	
Days Fished	217	195
Days Lost - Weather	49	17
Total Season Days	266	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Periods Fished/Not Fished					Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	0	Dec	0	0	1	2	0
Jan	0	1	1	1	Jan	0	1	0	0	23
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	11.18	10.93	10.44
Feb	10.23	9.84	9.61	9.92
Mar	10.09	10.40	10.52	10.91
Apr	10.74	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admn. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

WINTER SEASON	carry over 50%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	2.36	2.14	1.90
Feb	1.89	1.76	1.75	1.69
Mar	1.57	1.53	1.52	1.49
Apr	1.22	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	56	59	75
Feb	52	49	42	47
Mar	43	42	36	53
Apr	34	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON
carry over 50% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1066	1066
Potlifts	857,150	770,250
Gross Returns (\$m)	24.16	19.72
Profit (\$m)	5.09	2.35
Extra Profit/Licence	33,838	
Days Fished	217	195
Days Lost - Weather	49	17
Total Season Days	266	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital /year
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	
Operator Allowance	\$60,000	
Crew Costs	22.00%	of catch value /potlift
Bait & Tackle Costs	\$1.75	
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	0	Dec	0	0	1	2	0
Jan	0	1	1	1	Jan	0	1	0	0	23
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	11.18	10.93	10.44
Feb	10.23	9.84	9.61	9.92
Mar	10.09	10.40	10.52	10.91
Apr	10.74	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 50%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	2.36	2.14	1.90
Feb	1.89	1.76	1.75	1.69
Mar	1.57	1.53	1.52	1.49
Apr	1.22	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	56	59	75
Feb	52	49	42	47
Mar	43	42	36	53
Apr	34	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON
carry over 75% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	833,450	770,250
Gross Returns (\$m)	21.44	19.72
Profit (\$m)	3.09	2.35
Extra Profit/Licence	9,204	
Days Fished	211	195
Days Lost - Weather	48	17
Total Season Days	259	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER				Total Days Fished
	Week 1	Week 2	Week 3	Period 4	Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0
Dec	0	0	0	0	Dec	0	0	1	2
Jan	0	0	1	1	Jan	0	1	0	0
Feb	1	1	1	1	Feb	0	0	1	0
Mar	1	1	1	1	Mar	0	0	1	1
Apr	1	1	1	1	Apr	0	0	1	1
May	1	1	1	1	May	1	1	1	2
Jun	1	1	1	1	Jun	1	1	2	2
Jul	1	1	1	1	Jul	2	2	2	2
Aug	1	1	1	1	Aug	3	3	3	3
Sep	1	1	1	1	Sep	3	3	3	3
Oct	0	0	0	0	Oct	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	11.34	10.79
Feb	10.64	10.23	9.88	10.13
Mar	10.29	10.57	10.65	10.99
Apr	10.86	11.15	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 75%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	2.60	2.19
Feb	2.24	2.04	1.92	1.82
Mar	1.68	1.62	1.59	1.53
Apr	1.26	1.23	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	72	86
Feb	62	56	46	50
Mar	46	45	38	54
Apr	35	34	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 192/124 Report 2

WINTER SEASON		
carry over	75% winter \$	30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	833,450	770,250
Gross Returns (\$m)	22.82	19.72
Profit (\$m)	4.17	2.35
Extra Profit/Licence	22,465	
Days Fished	211	195
Days Lost - Weather	48	17
Total Season Days	259	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital /year
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value /potlift
Bait & Tackle Costs	\$1.75	
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Periods Fished/Not Fished					Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	0	Dec	0	0	1	2	0
Jan	0	0	1	1	Jan	0	1	0	0	17
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	11.34	10.79
Feb	10.64	10.23	9.88	10.13
Mar	10.29	10.57	10.65	10.99
Apr	10.86	11.15	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	2.60	2.19
Feb	2.24	2.04	1.92	1.82
Mar	1.68	1.62	1.59	1.53
Apr	1.26	1.23	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	72	86
Feb	62	56	46	50
Mar	46	45	38	54
Apr	35	34	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON		
carry over	75% winter \$	35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1069	1066
Potlifts	833,450	770,250
Gross Returns (\$m)	24.19	19.72
Profit (\$m)	5.24	2.35
Extra Profit/Licence	35,726	
Days Fished	211	195
Days Lost - Weather	48	17
Total Season Days	259	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital /year
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	
Operator Allowance	\$60,000	
Crew Costs	22.00%	of catch value /potlift
Bait & Tackle Costs	\$1.75	
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER				Total Days Fished
	Periods Fished/Not Fished				Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0
Dec	0	0	0	0	Dec	0	0	1	2
Jan	0	0	1	1	Jan	0	1	0	0
Feb	1	1	1	1	Feb	0	0	1	0
Mar	1	1	1	1	Mar	0	0	1	1
Apr	1	1	1	1	Apr	0	0	1	1
May	1	1	1	1	May	1	1	1	2
Jun	1	1	1	1	Jun	1	1	2	2
Jul	1	1	1	1	Jul	2	2	2	2
Aug	1	1	1	1	Aug	3	3	3	3
Sep	1	1	1	1	Sep	3	3	3	3
Oct	0	0	0	0	Oct	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	11.34	10.79
Feb	10.64	10.23	9.88	10.13
Mar	10.29	10.57	10.65	10.99
Apr	10.86	11.15	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

WINTER SEASON

carry over
75%

Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	2.60	2.19
Feb	2.24	2.04	1.92	1.82
Mar	1.68	1.62	1.59	1.53
Apr	1.26	1.23	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	72	86
Feb	62	56	46	50
Mar	46	45	38	54
Apr	35	34	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON		
carry over	100% winter \$	25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	805,800	770,250
Gross Returns (\$m)	21.47	19.72
Profit (\$m)	3.26	2.35
Extra Profit/Licence	11,186	
Days Fished	204	195
Days Lost - Weather	48	17
Total Season Days	252	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Periods Fished/Not Fished				Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4		
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	0	Dec	0	0	1	2	0
Jan	0	0	0	1	Jan	0	1	0	0	10
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	11.14
Feb	11.05	10.67	10.41	10.37
Mar	10.53	10.81	10.92	11.11
Apr	11.03	11.30	11.30	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

WINTER SEASON

carry over
100%

CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	2.59
Feb	2.75	2.48	2.37	1.99
Mar	1.83	1.75	1.72	1.58
Apr	1.32	1.28	1.25	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	102
Feb	76	69	56	55
Mar	51	48	41	56
Apr	36	35	30	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

WINTER SEASON		
carry over	100% winter \$	30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	805,800	770,250
Gross Returns (\$m)	22.84	19.72
Profit (\$m)	4.33	2.35
Extra Profit/Licence	24,448	
Days Fished	204	195
Days Lost - Weather	48	17
Total Season Days	252	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value of capital
Depreciation	10.00%	
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER				Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0
Dec	0	0	0	0	Dec	0	0	1	2
Jan	0	0	0	1	Jan	0	1	0	0
Feb	1	1	1	1	Feb	0	0	1	0
Mar	1	1	1	1	Mar	0	0	1	1
Apr	1	1	1	1	Apr	0	0	1	1
May	1	1	1	1	May	1	1	1	2
Jun	1	1	1	1	Jun	1	1	2	2
Jul	1	1	1	1	Jul	2	2	2	2
Aug	1	1	1	1	Aug	3	3	3	3
Sep	1	1	1	1	Sep	3	3	3	3
Oct	0	0	0	0	Oct	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	11.14
Feb	11.05	10.67	10.41	10.37
Mar	10.53	10.81	10.92	11.11
Apr	11.03	11.30	11.30	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 100%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	2.59
Feb	2.75	2.48	2.37	1.99
Mar	1.83	1.75	1.72	1.58
Apr	1.32	1.28	1.25	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	102
Feb	76	69	56	55
Mar	51	48	41	56
Apr	36	35	30	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

WINTER SEASON
carry over 100% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	805,800	770,250
Gross Returns (\$m)	24.22	19.72
Profit (\$m)	5.40	2.35
Extra Profit/Licence	37,709	
Days Fished	204	195
Days Lost - Weather	48	17
Total Season Days	252	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Licence	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	0	0	0	0	Dec	0	0	1	2	0
Jan	0	0	0	1	Jan	0	1	0	0	10
Feb	1	1	1	1	Feb	0	0	1	0	27
Mar	1	1	1	1	Mar	0	0	1	1	29
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	11.14
Feb	11.05	10.67	10.41	10.37
Mar	10.53	10.81	10.92	11.11
Apr	11.03	11.30	11.30	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

WINTER SEASON	carry over 100%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	0.00	0.00	0.00	0.00
Jan	0.00	0.00	0.00	2.59
Feb	2.75	2.48	2.37	1.99
Mar	1.83	1.75	1.72	1.58
Apr	1.32	1.28	1.25	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	0	0	0	0
Jan	0	0	0	102
Feb	76	69	56	55
Mar	51	48	41	56
Apr	36	35	30	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

APPENDIX 3

Quota Management Model Output

APPENDIX 3

PART A

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t
carry over 0% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1070	1066
Potlifts	920,350	770,250
Gross Returns (\$m)	21.98	19.72
Profit (\$m)	3.05	2.35
Extra Profit/Licence	8,642	
Days Fished	233	195
Days Lost - Weather	52	17
Total Season Days	285	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 1 1	Nov 1 1 1 0	15
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 1 1	Jan 0 1 0 0	30
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	0 1 1 1	Mar 0 0 1 1	22
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 1 1	Jul 2 2 2 2	23
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	0.00	0.00	0.00	0.00
Mar	0.00	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	11.72	11.72	10.95	11.33
Jul	12.50	12.50	12.50	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 0%
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CATCH RATE ESTIMATES		% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months	Initial Catch Rates Rate		Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	0.00	0.00	0.00	0.00
Mar	0.00	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	0	0	0	0
Mar	0	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 0% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1070	1066
Potlifts	920,350	770,250
Gross Returns (\$m)	23.36	19.72
Profit (\$m)	4.12	2.35
Extra Profit/Licence	21,903	
Days Fished	233	195
Days Lost - Weather	52	17
Total Season Days	285	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	0	1	1	1	Mar	0	0	1	1	22
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	0.00	0.00	0.00	0.00
Mar	0.00	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 0%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	0.00	0.00	0.00	0.00
Mar	0.00	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	0	0	0	0
Mar	0	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 0% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1070	1066
Potlifts	920,350	770,250
Gross Returns (\$m)	24.74	19.72
Profit (\$m)	5.20	2.35
Extra Profit/Licence	35,164	
Days Fished	233	195
Days Lost - Weather	52	17
Total Season Days	285	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	0	1	1	1	Mar	0	0	1	1	22
Apr	1	1	1	1	Apr	0	0	1	1	28
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	9.86
Jan	10.46	10.02	10.07	9.87
Feb	0.00	0.00	0.00	0.00
Mar	0.00	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	19.52	19.52	18.75	19.13
Jul	20.30	20.30	20.30	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t	carry over 0%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	1.47
Jan	1.56	1.56	1.56	1.56
Feb	0.00	0.00	0.00	0.00
Mar	0.00	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	46
Jan	43	37	43	62
Feb	0	0	0	0
Mar	0	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 50% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	821,600	770,250
Gross Returns (\$m)	21.88	19.72
Profit (\$m)	3.49	2.35
Extra Profit/Licence	14,036	
Days Fished	208	195
Days Lost - Weather	49	17
Total Season Days	257	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Periods Fished/Not Fished					Days Lost - Poor Weather				
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.87	11.57	11.14	10.35
Jan	10.72	10.30	10.27	10.00
Feb	0.00	0.00	0.00	0.00
Mar	10.74	11.00	10.96	0.00
Apr	11.53	11.88	12.03	0.00
May	12.97	13.67	14.31	14.20
Jun	12.42	12.42	11.84	11.53
Jul	12.69	12.69	12.69	12.91
Aug	11.54	11.54	11.54	12.42
Sep	12.66	12.66	12.66	13.25
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1080t	carry over
	50%

CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.95	1.87	1.85	1.69
Jan	1.70	1.70	1.67	1.63
Feb	0.00	0.00	0.00	0.00
Mar	1.98	1.88	1.74	0.00
Apr	1.52	1.50	1.50	0.00
May	1.28	1.26	1.22	1.05
Jun	0.76	0.76	0.77	0.71
Jul	0.87	0.87	0.87	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	54	52	44	53
Jan	47	40	46	64
Feb	0	0	0	0
Mar	55	52	41	0
Apr	42	41	36	0
May	30	30	29	33
Jun	18	18	15	20
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	821,600	770,250
Gross Returns (\$m)	23.29	19.72
Profit (\$m)	4.59	2.35
Extra Profit/Licence	27,620	
Days Fished	208	195
Days Lost - Weather	49	17
Total Season Days	257	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.87	11.57	11.14	10.35
Jan	10.72	10.30	10.27	10.00
Feb	0.00	0.00	0.00	0.00
Mar	10.74	11.00	10.96	0.00
Apr	11.53	11.88	12.03	0.00
May	12.97	13.67	14.31	14.20
Jun	16.32	16.32	15.74	15.43
Jul	16.59	16.59	16.59	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	17.15
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 50%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov		1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec		1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan		1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb		1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar		1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr		1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May		1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun		0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug		0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep		0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct		0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.95	1.87	1.85	1.69
Jan	1.70	1.70	1.67	1.63
Feb	0.00	0.00	0.00	0.00
Mar	1.98	1.88	1.74	0.00
Apr	1.52	1.50	1.50	0.00
May	1.28	1.26	1.22	1.05
Jun	0.76	0.76	0.77	0.71
Jul	0.87	0.87	0.87	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	54	52	44	53
Jan	47	40	46	64
Feb	0	0	0	0
Mar	55	52	41	0
Apr	42	41	36	0
May	30	30	29	33
Jun	18	18	15	20
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 50% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1072	1066
Potlifts	821,600	770,250
Gross Returns (\$m)	24.70	19.72
Profit (\$m)	5.69	2.35
Extra Profit/Licence	41,204	
Days Fished	208	195
Days Lost - Weather	49	17
Total Season Days	257	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
	Periods Fished/Not Fished					Days Lost - Poor Weather				
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	0	0	Nov	1	1	1	0	0
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	1	1	Jan	0	1	0	0	30
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	1	May	1	1	1	2	26
Jun	1	1	1	1	Jun	1	1	2	2	24
Jul	1	1	1	1	Jul	2	2	2	2	23
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	35.00	35.00	35.00	35.00
Jul	35.00	35.00	35.00	35.00
Aug	35.00	35.00	35.00	35.00
Sep	35.00	35.00	35.00	35.00
Oct	35.00	35.00	35.00	35.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	11.87	11.57	11.14	10.35
Jan	10.72	10.30	10.27	10.00
Feb	0.00	0.00	0.00	0.00
Mar	10.74	11.00	10.96	0.00
Apr	11.53	11.88	12.03	0.00
May	12.97	13.67	14.31	14.20
Jun	20.22	20.22	19.64	19.33
Jul	20.49	20.49	20.49	20.71
Aug	19.34	19.34	19.34	20.22
Sep	20.46	20.46	20.46	21.05
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 50%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	50%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	50%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	50%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	50%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	50%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	50%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	50%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	50%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	50%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	50%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	0.00
Dec	1.95	1.87	1.85	1.69
Jan	1.70	1.70	1.67	1.63
Feb	0.00	0.00	0.00	0.00
Mar	1.98	1.88	1.74	0.00
Apr	1.52	1.50	1.50	0.00
May	1.28	1.26	1.22	1.05
Jun	0.76	0.76	0.77	0.71
Jul	0.87	0.87	0.87	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.98
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	0
Dec	54	52	44	53
Jan	47	40	46	64
Feb	0	0	0	0
Mar	55	52	41	0
Apr	42	41	36	0
May	30	30	29	33
Jun	18	18	15	20
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	23
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 75% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	718,900	770,250
Gross Returns (\$m)	21.75	19.72
Profit (\$m)	3.96	2.35
Extra Profit/Licence	19,889	
Days Fished	182	195
Days Lost - Weather	42	17
Total Season Days	224	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	1	1	1	Nov	1	1	1	0	21
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	0	0	Jan	0	1	0	0	13
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	25.00	25.00	25.00	25.00	
Jul	25.00	25.00	25.00	25.00	
Aug	25.00	25.00	25.00	25.00	
Sep	25.00	25.00	25.00	25.00	
Oct	25.00	25.00	25.00	25.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	11.49	12.27	11.61
Dec	11.37	10.94	10.51	9.96
Jan	10.55	10.07	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.16	11.42	11.42	0.00
Apr	11.96	12.30	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	13.95	13.95	13.72	0.00
Jul	13.96	13.96	13.96	0.00
Aug	13.65	13.65	13.65	0.00
Sep	14.18	14.18	14.18	13.60
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 75%
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CATCH RATE ESTIMATES		Initial	% Caught		Catchability in subsequent months					Total
Months	Catch Rates	Rate	After a Time	Not Fished	Month 1	Month 2	Month 3	Month 4	Month 5	Caught
Nov	1.43		75%		0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47		75%		0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56		75%		0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54		75%		0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46		75%		0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20		75%		0.70	0.20	0.10	0.00	0.00	100%
May	1.00		75%		0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69		75%		0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84		75%		0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84		75%		0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98		75%		0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00		0%		0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	1.62	1.62	1.55
Dec	1.63	1.51	1.52	1.51
Jan	1.61	1.59	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.38	2.23	2.05	0.00
Apr	1.74	1.71	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	1.04
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	38	38	55
Dec	45	42	36	48
Jan	44	38	0	0
Feb	0	0	0	0
Mar	66	62	49	0
Apr	48	47	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	25
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	718,900	770,250
Gross Returns (\$m)	23.09	19.72
Profit (\$m)	5.01	2.35
Extra Profit/Licence	32,804	
Days Fished	182	195
Days Lost - Weather	42	17
Total Season Days	224	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	1	1	1	Nov	1	1	1	0	21
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	0	0	Jan	0	1	0	0	13
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	11.49	12.27	11.61
Dec	11.37	10.94	10.51	9.96
Jan	10.55	10.07	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.16	11.42	11.42	0.00
Apr	11.96	12.30	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	17.50
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t	carry over 75%
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CATCH RATE ESTIMATES		% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months	Initial Catch Rates Rate		Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	1.62	1.62	1.55
Dec	1.63	1.51	1.52	1.51
Jan	1.61	1.59	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.38	2.23	2.05	0.00
Apr	1.74	1.71	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	1.04
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	38	38	55
Dec	45	42	36	48
Jan	44	38	0	0
Feb	0	0	0	0
Mar	66	62	49	0
Apr	48	47	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	25
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 75% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	718,900	770,250
Gross Returns (\$m)	24.43	19.72
Profit (\$m)	6.05	2.35
Extra Profit/Licence	45,719	
Days Fished	182	195
Days Lost - Weather	42	17
Total Season Days	224	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 1 1 1	Nov 1 1 1 0	21
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	1 1 0 0	Jan 0 1 0 0	13
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 0	Aug 3 3 3 3	12
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	11.49	12.27	11.61
Dec	11.37	10.94	10.51	9.96
Jan	10.55	10.07	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.16	11.42	11.42	0.00
Apr	11.96	12.30	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	21.75	21.75	21.52	0.00
Jul	21.76	21.76	21.76	0.00
Aug	21.45	21.45	21.45	0.00
Sep	21.98	21.98	21.98	21.40
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.58	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	1.62	1.62	1.55
Dec	1.63	1.51	1.52	1.51
Jan	1.61	1.59	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.38	2.23	2.05	0.00
Apr	1.74	1.71	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	1.04
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	38	38	55
Dec	45	42	36	48
Jan	44	38	0	0
Feb	0	0	0	0
Mar	66	62	49	0
Apr	48	47	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	25
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t
carry over 100% winter \$ 25.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1063	1066
Potlifts	671,500	770,250
Gross Returns (\$m)	22.06	19.72
Profit (\$m)	4.43	2.35
Extra Profit/Licence	25,706	
Days Fished	170	195
Days Lost - Weather	43	17
Total Season Days	213	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week 1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 1 1	Nov 1 1 1 0	15
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	0 0 0 0	Jan 0 1 0 0	0
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	25.00	25.00	25.00	25.00
Jul	25.00	25.00	25.00	25.00
Aug	25.00	25.00	25.00	25.00
Sep	25.00	25.00	25.00	25.00
Oct	25.00	25.00	25.00	25.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.81	11.99
Dec	11.80	11.37	10.70	10.12
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.50	11.73	11.74	0.00
Apr	12.32	12.61	12.80	0.00
May	13.72	14.40	14.98	0.00
Jun	14.43	14.43	14.28	0.00
Jul	14.32	14.32	14.32	0.00
Aug	14.13	14.13	14.13	12.93
Sep	13.38	13.38	13.38	13.42
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 100%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.93	1.76
Dec	1.90	1.74	1.61	1.57
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.83	2.60	2.33	0.00
Apr	2.00	1.92	1.92	0.00
May	1.56	1.52	1.44	0.00
Jun	1.06	1.06	1.13	0.00
Jul	1.14	1.14	1.14	0.00
Aug	1.25	1.25	1.25	0.91
Sep	1.10	1.10	1.10	1.01
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	46	63
Dec	52	48	38	50
Jan	0	0	0	0
Feb	0	0	0	0
Mar	78	72	55	0
Apr	55	53	45	0
May	37	36	34	0
Jun	25	25	22	0
Jul	23	23	23	0
Aug	20	20	20	25
Sep	17	17	17	24
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 100% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1063	1066
Potlifts	671,500	770,250
Gross Returns (\$m)	23.56	19.72
Profit (\$m)	5.60	2.35
Extra Profit/Licence	40,179	
Days Fished	170	195
Days Lost - Weather	43	17
Total Season Days	213	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 1 1	Nov 1 1 1 0	15
Dec	1 1 1 1	Dec 0 0 1 2	28
Jan	0 0 0 0	Jan 0 1 0 0	0
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 0	Mar 0 0 1 1	20
Apr	1 1 1 0	Apr 0 0 1 1	20
May	1 1 1 0	May 1 1 1 2	18
Jun	1 1 1 0	Jun 1 1 2 2	17
Jul	1 1 1 0	Jul 2 2 2 2	15
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 1	Sep 3 3 3 3	18
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.81	11.99
Dec	11.80	11.37	10.70	10.12
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.50	11.73	11.74	0.00
Apr	12.32	12.61	12.80	0.00
May	13.72	14.40	14.98	0.00
Jun	18.33	18.33	18.18	0.00
Jul	18.22	18.22	18.22	0.00
Aug	18.03	18.03	18.03	16.83
Sep	17.28	17.28	17.28	17.32
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 100%
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CATCH RATE ESTIMATES		Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
Months				Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.93	1.76
Dec	1.90	1.74	1.61	1.57
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.83	2.60	2.33	0.00
Apr	2.00	1.92	1.92	0.00
May	1.56	1.52	1.44	0.00
Jun	1.06	1.06	1.13	0.00
Jul	1.14	1.14	1.14	0.00
Aug	1.25	1.25	1.25	0.91
Sep	1.10	1.10	1.10	1.01
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	46	63
Dec	52	48	38	50
Jan	0	0	0	0
Feb	0	0	0	0
Mar	78	72	55	0
Apr	55	53	45	0
May	37	36	34	0
Jun	25	25	22	0
Jul	23	23	23	0
Aug	20	20	20	25
Sep	17	17	17	24
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601
carry over 100% winter \$ 35.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1063	1066
Potlifts	671,500	770,250
Gross Returns (\$m)	25.06	19.72
Profit (\$m)	6.78	2.35
Extra Profit/Licence	54,653	
Days Fished	170	195
Days Lost - Weather	43	17
Total Season Days	213	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	0	0	0	0	Jan	0	1	0	0	0
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	1	Aug	3	3	3	3	19
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	35.00	35.00	35.00	35.00	
Jul	35.00	35.00	35.00	35.00	
Aug	35.00	35.00	35.00	35.00	
Sep	35.00	35.00	35.00	35.00	
Oct	35.00	35.00	35.00	35.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.81	11.99
Dec	11.80	11.37	10.70	10.12
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.50	11.73	11.74	0.00
Apr	12.32	12.61	12.80	0.00
May	13.72	14.40	14.98	0.00
Jun	22.23	22.23	22.08	0.00
Jul	22.12	22.12	22.12	0.00
Aug	21.93	21.93	21.93	20.73
Sep	21.18	21.18	21.18	21.22
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 10601	carry over 100%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	100%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	100%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	100%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	100%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	100%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	100%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	100%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	100%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	100%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	100%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.93	1.76
Dec	1.90	1.74	1.61	1.57
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.83	2.60	2.33	0.00
Apr	2.00	1.92	1.92	0.00
May	1.56	1.52	1.44	0.00
Jun	1.06	1.06	1.13	0.00
Jul	1.14	1.14	1.14	0.00
Aug	1.25	1.25	1.25	0.91
Sep	1.10	1.10	1.10	1.01
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	46	63
Dec	52	48	38	50
Jan	0	0	0	0
Feb	0	0	0	0
Mar	78	72	55	0
Apr	55	53	45	0
May	37	36	34	0
Jun	25	25	22	0
Jul	23	23	23	0
Aug	20	20	20	25
Sep	17	17	17	24
Oct	0	0	0	0

APPENDIX 3

PART B

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1064	1066
Potlifts	718,900	770,250
Gross Returns (\$m)	23.09	19.72
Profit (\$m)	5.01	2.35
Extra Profit/Licence	32,804	
Days Fished	182	195
Days Lost - Weather	42	17
Total Season Days	224	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/ \$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished				DAYS LOST - WEATHER	Days Lost - Poor Weather				Total Days Fished
	Week1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	1	1	1	Nov	1	1	1	0	21
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	1	0	0	Jan	0	1	0	0	13
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

WEEKLY NET PRICES/kg	Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00	
Dec	18.50	18.25	18.00	17.50	
Jan	17.50	17.25	17.00	16.75	
Feb	16.50	16.25	16.00	16.50	
Mar	17.00	17.50	18.00	18.50	
Apr	19.00	19.50	20.00	21.00	
May	22.00	23.00	24.00	25.00	
Jun	30.00	30.00	30.00	30.00	
Jul	30.00	30.00	30.00	30.00	
Aug	30.00	30.00	30.00	30.00	
Sep	30.00	30.00	30.00	30.00	
Oct	30.00	30.00	30.00	30.00	

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	11.49	12.27	11.61
Dec	11.37	10.94	10.51	9.96
Jan	10.55	10.07	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.16	11.42	11.42	0.00
Apr	11.96	12.30	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	17.50
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1060t	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability In subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.58	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	1.62	1.52	1.55
Dec	1.63	1.51	1.52	1.51
Jan	1.61	1.59	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.38	2.23	2.05	0.00
Apr	1.74	1.71	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	1.04
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	38	38	55
Dec	45	42	36	48
Jan	44	38	0	0
Feb	0	0	0	0
Mar	66	62	49	0
Apr	48	47	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	25
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1014t
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	1014	1066
Potlifts	671,500	770,250
Gross Returns (\$m)	22.20	19.72
Profit (\$m)	4.57	2.35
Extra Profit/Licence	27,415	
Days Fished	170	195
Days Lost - Weather	40	17
Total Season Days	210	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4		
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	1	0	0	0	Jan	0	1	0	0	7
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	1	Sep	3	3	3	3	18
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	10.63	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.21	11.47	11.46	0.00
Apr	12.00	12.34	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	17.50
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

QUOTA - MAXIMUM PROFIT FISHING PATTERN 1014t	carry over 75%
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CATCH RATE ESTIMATES	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Months								
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	1.65	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.43	2.28	2.08	0.00
Apr	1.77	1.74	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	1.04
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
Tonnes/week				
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	46	0	0	0
Feb	0	0	0	0
Mar	67	63	49	0
Apr	49	48	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	25
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 948t
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	948	1066
Potlifts	620,150	770,250
Gross Returns (\$m)	20.73	19.72
Profit (\$m)	3.71	2.35
Extra Profit/Licence	16,773	
Days Fished	157	195
Days Lost - Weather	37	17
Total Season Days	194	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4		
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	1	Dec	0	0	1	2	28
Jan	0	0	0	0	Jan	0	1	0	0	0
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	10.05
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.26	11.50	11.50	0.00
Apr	12.05	12.34	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

QUOTA - MAXIMUM PROFIT FISHING PATTERN 9481	carry over 75%
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Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	1.55
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.49	2.31	2.12	0.00
Apr	1.80	1.74	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	49
Jan	0	0	0	0
Feb	0	0	0	0
Mar	69	64	50	0
Apr	50	48	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 902t
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	902	1066
Potlifts	588,550	770,250
Gross Returns (\$m)	19.92	19.72
Profit (\$m)	3.25	2.35
Extra Profit/Licence	11,144	
Days Fished	149	195
Days Lost - Weather	35	17
Total Season Days	184	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4		Week 1	Week 2	Week 3	Period 4	
Nov	0	0	1	1	Nov	1	1	1	0	15
Dec	1	1	1	0	Dec	0	0	1	2	20
Jan	0	0	0	0	Jan	0	1	0	0	0
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	1	0	Sep	3	3	3	3	12
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	12.62	11.85
Dec	11.64	11.25	10.63	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.28	11.52	11.54	0.00
Apr	12.05	12.34	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	18.08	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

QUOTA - MAXIMUM PROFIT FISHING PATTERN 9021	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Week 1 Week 2 Week 3 Period 4			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.80	1.68
Dec	1.79	1.67	1.57	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.52	2.35	2.15	0.00
Apr	1.80	1.74	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	1.26	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							
Month	Week 1	Week 2	Week 3	Period 4	Month	Double	Pulling
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	43	60
Dec	49	46	37	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	70	65	51	0
Apr	50	48	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	20	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 8571
carry over 75% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	857	1066
Potlifts	549,050	770,250
Gross Returns (\$m)	18.80	19.72
Profit (\$m)	2.61	2.35
Extra Profit/Licence	3,190	
Days Fished	139	195
Days Lost - Weather	31	17
Total Season Days	170	212

FISHING SEASON					DAYS LOST - WEATHER					Total Days Fished
Periods Fished/Not Fished					Days Lost - Poor Weather					
	Week 1	Week 2	Week 3	Period 4	Week 1	Week 2	Week 3	Period 4		
Nov	0	0	0	1	Nov	1	1	1	0	9
Dec	1	1	1	0	Dec	0	0	1	2	20
Jan	0	0	0	0	Jan	0	1	0	0	0
Feb	0	0	0	0	Feb	0	0	1	0	0
Mar	1	1	1	0	Mar	0	0	1	1	20
Apr	1	1	1	0	Apr	0	0	1	1	20
May	1	1	1	0	May	1	1	1	2	18
Jun	1	1	1	0	Jun	1	1	2	2	17
Jul	1	1	1	0	Jul	2	2	2	2	15
Aug	1	1	1	0	Aug	3	3	3	3	12
Sep	1	1	0	0	Sep	3	3	3	3	8
Oct	0	0	0	0	Oct	0	0	0	0	0

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change in Pot Efficiency	0.00%	N/A

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	12.05
Dec	11.87	11.52	10.99	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	11.28	11.52	11.54	0.00
Apr	12.05	12.34	12.51	0.00
May	13.38	14.07	14.67	0.00
Jun	17.85	17.85	17.62	0.00
Jul	17.86	17.86	17.86	0.00
Aug	17.55	17.55	17.55	0.00
Sep	18.08	18.08	0.00	0.00
Oct	0.00	0.00	0.00	0.00

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

QUOTA - MAXIMUM PROFIT FISHING PATTERN 8571	carry over 75%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	75%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	75%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	75%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	75%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	75%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	75%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	75%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	75%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	75%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	75%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES				
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	0.00	1.80
Dec	1.95	1.83	1.76	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	2.52	2.35	2.15	0.00
Apr	1.80	1.74	1.74	0.00
May	1.42	1.39	1.33	0.00
Jun	0.97	0.97	1.02	0.00
Jul	1.07	1.07	1.07	0.00
Aug	1.15	1.15	1.15	0.00
Sep	1.26	1.26	0.00	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month		Pulling
Nov	1.0	1.0	1.0	1.0	Nov		0.00%
Dec	1.0	1.0	1.0	1.0	Dec		0.00%
Jan	1.0	1.0	1.0	1.0	Jan		0.00%
Feb	1.0	1.0	1.0	1.0	Feb		0.00%
Mar	1.0	1.0	1.0	1.0	Mar		0.00%
Apr	1.0	1.0	1.0	1.0	Apr		0.00%
May	1.0	1.0	1.0	1.0	May		0.00%
Jun	1.0	1.0	1.0	1.0	Jun		0.00%
Jul	1.0	1.0	1.0	1.0	Jul		0.00%
Aug	1.0	1.0	1.0	1.0	Aug		0.00%
Sep	1.0	1.0	1.0	1.0	Sep		0.00%
Oct	1.0	1.0	1.0	1.0	Oct		0.00%

WEEKLY TONNES CAUGHT				
	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	0	64
Dec	54	51	42	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	70	65	51	0
Apr	50	48	41	0
May	34	33	31	0
Jun	23	23	20	0
Jul	21	21	21	0
Aug	18	18	18	0
Sep	20	20	0	0
Oct	0	0	0	0

ROCK LOBSTER - ECONOMIC ASSESSMENT MODEL - AUGUST 1993
FRDC Project No. 92/124 Report 2

QUOTA - MAXIMUM PROFIT FISHING PATTERN 8571
carry over 0% winter \$ 30.00

INDUSTRY RESULTS	New Management Arrangement	Current Management Arrangement
Item		
Catch (tonnes)	856	1066
Potlifts	774,200	770,250
Gross Returns (\$m)	19.37	19.72
Profit (\$m)	1.80	2.35
Extra Profit/Licence	(6,809)	
Days Fished	196	195
Days Lost - Weather	46	17
Total Season Days	242	212

INDUSTRY STRUCTURE	New Management Arrangement	Current Management Arrangement
Item		
Number of Fishermen	81	81
Number of Vessels	81	81
Total Number of Pots	3950	3950
Average Pots/Boat	48.8	48.8
Pot Adjustment	0.0%	N/A
Change In Pot Efficiency	0.00%	N/A

INDUSTRY COST STRUCTURE		
	\$/day	\$/pl
Fuel	\$51.00	\$0.51
Repairs	\$61.50	\$0.42
Insurance Premium	\$30.00	/\$1000 value
Depreciation	10.00%	of capital
Bus. Admin. Costs	\$25,000	/year
Operator Allowance	\$60,000	/year
Crew Costs	22.00%	of catch value
Bait & Tackle Costs	\$1.75	/potlift
	Average	Totals
Vessel Value	151,333	12,257,973
Licence Value	682,716	55,300,000
Other Assets	68,500	5,548,500
	902,549	73,106,473

FISHING SEASON	Periods Fished/Not Fished	DAYS LOST - WEATHER	Total Days Fished
	Week1 Week 2 Week 3 Period 4	Days Lost - Poor Weather Week 1 Week 2 Week 3 Period 4	
Nov	0 0 1 1	Nov 1 1 1 0	15
Dec	1 1 1 0	Dec 0 0 1 2	20
Jan	0 0 0 0	Jan 0 1 0 0	0
Feb	0 0 0 0	Feb 0 0 1 0	0
Mar	1 1 1 1	Mar 0 0 1 1	29
Apr	1 1 1 1	Apr 0 0 1 1	28
May	1 1 1 1	May 1 1 1 2	26
Jun	1 1 1 1	Jun 1 1 2 2	24
Jul	1 1 1 1	Jul 2 2 2 2	23
Aug	1 1 1 1	Aug 3 3 3 3	19
Sep	1 1 1 0	Sep 3 3 3 3	12
Oct	0 0 0 0	Oct 0 0 0 0	0

WEEKLY NET PRICES/kg				
Month	Week 1	Week 2	Week 3	Period 4
Nov	18.00	19.00	20.00	19.00
Dec	18.50	18.25	18.00	17.50
Jan	17.50	17.25	17.00	16.75
Feb	16.50	16.25	16.00	16.50
Mar	17.00	17.50	18.00	18.50
Apr	19.00	19.50	20.00	21.00
May	22.00	23.00	24.00	25.00
Jun	30.00	30.00	30.00	30.00
Jul	30.00	30.00	30.00	30.00
Aug	30.00	30.00	30.00	30.00
Sep	30.00	30.00	30.00	30.00
Oct	30.00	30.00	30.00	30.00

FISHING MARGIN - \$/kg LIFTED	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	11.84	11.33
Dec	11.03	10.84	10.38	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	9.84	10.23	10.36	10.84
Apr	10.68	11.07	11.14	12.00
May	11.79	12.57	13.35	13.94
Jun	15.62	15.62	14.85	15.23
Jul	16.40	16.40	16.40	16.81
Aug	15.44	15.44	15.44	16.32
Sep	16.56	16.56	16.56	0.00
Oct	0.00	0.00	0.00	0.00

QUOTA - MAXIMUM PROFIT FISHING PATTERN 857t	carry over 0%
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CATCH RATE ESTIMATES Months	Initial Catch Rates Rate	% Caught After a Time Not Fished	Catchability in subsequent months					Total Caught
			Month 1	Month 2	Month 3	Month 4	Month 5	
Nov	1.43	0%	0.70	0.20	0.10	0.00	0.00	100%
Dec	1.47	0%	0.70	0.20	0.10	0.00	0.00	100%
Jan	1.56	0%	0.70	0.20	0.10	0.00	0.00	100%
Feb	1.54	0%	0.70	0.20	0.10	0.00	0.00	100%
Mar	1.46	0%	0.70	0.20	0.10	0.00	0.00	100%
Apr	1.20	0%	0.70	0.20	0.10	0.00	0.00	100%
May	1.00	0%	0.70	0.20	0.10	0.00	0.00	100%
Jun	0.69	0%	0.70	0.20	0.10	0.00	0.00	100%
Jul	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Aug	0.84	0%	0.70	0.20	0.10	0.00	0.00	100%
Sep	0.98	0%	0.70	0.20	0.10	0.00	0.00	100%
Oct	0.00	0%	0.00	0.00	0.00	0.00	0.00	0%

ADJUSTED CATCH RATES	Week 1 Week 2 Week 3 Period 4			
	Week 1	Week 2	Week 3	Period 4
Nov	0.00	0.00	1.43	1.43
Dec	1.47	1.47	1.47	0.00
Jan	0.00	0.00	0.00	0.00
Feb	0.00	0.00	0.00	0.00
Mar	1.46	1.46	1.46	1.46
Apr	1.20	1.20	1.20	1.20
May	1.00	1.00	1.00	1.00
Jun	0.69	0.69	0.69	0.69
Jul	0.84	0.84	0.84	0.84
Aug	0.84	0.84	0.84	0.84
Sep	0.98	0.98	0.98	0.00
Oct	0.00	0.00	0.00	0.00

% FLEET FISHING & DOUBLE PULLING							%
% of Fleet Fishing							Double
Month	Week 1	Week 2	Week 3	Period 4	Month	Pulling	
Nov	1.0	1.0	1.0	1.0	Nov	0.00%	
Dec	1.0	1.0	1.0	1.0	Dec	0.00%	
Jan	1.0	1.0	1.0	1.0	Jan	0.00%	
Feb	1.0	1.0	1.0	1.0	Feb	0.00%	
Mar	1.0	1.0	1.0	1.0	Mar	0.00%	
Apr	1.0	1.0	1.0	1.0	Apr	0.00%	
May	1.0	1.0	1.0	1.0	May	0.00%	
Jun	1.0	1.0	1.0	1.0	Jun	0.00%	
Jul	1.0	1.0	1.0	1.0	Jul	0.00%	
Aug	1.0	1.0	1.0	1.0	Aug	0.00%	
Sep	1.0	1.0	1.0	1.0	Sep	0.00%	
Oct	1.0	1.0	1.0	1.0	Oct	0.00%	

WEEKLY TONNES CAUGHT	Tonnes/week			
	Week 1	Week 2	Week 3	Period 4
Nov	0	0	34	51
Dec	41	41	35	0
Jan	0	0	0	0
Feb	0	0	0	0
Mar	40	40	35	52
Apr	33	33	29	38
May	24	24	24	32
Jun	16	16	14	19
Jul	17	17	17	27
Aug	13	13	13	23
Sep	16	16	16	0
Oct	0	0	0	0