

28 May 2009

Tēnā koe Iwi Representative

Dear Stakeholder

CONSULTATION PROCESS ON PROPOSED COST RECOVERED FISHERIES SERVICES AND COST RECOVERY LEVIES 2009/10

1 On 25 February 2009, the Ministry advised you of changes to the process for consulting on the proposed fisheries services and cost recovery levies for 2009/10.

2 We noted that, for the 2009/10 financial year, the Ministry would be conducting a single consultation process focused on those services subject to cost recovery (ie fisheries research projects, observer services, registry services and commercial fisheries compliance).

Cost recovered fisheries services proposed for 2009/10

3 The proposed cost recovered services for 2009/10, including the fisheries research projects, are listed on the Ministry's website www.fish.govt.nz/en-nz/Consultations/default.htm. Appendix 1 to this letter also sets out the proposed services for 2009/10. Descriptions of each service are provided, along with the estimated costs and performance measures.

4 Appendix 2 to this letter sets out the new cost recovered fisheries research projects proposed for 2009/10 (as distinct from those which have been previously consulted and approved but for which costs will be incurred in 2009/10). The attachment shows tier 1 and tier 2 projects separately, along with the estimated range of costs for each project. It contains all updated information on the research programme. More specific detail on each research project is provided on the web site.

5 For 2009/10 the Ministry intends to continue its approach of proposing a research programme that exceeds the current appropriations. Consulting on a wider list of proposed research projects provides the ability to substitute alternate projects when "tier 1" research cannot be undertaken, allowing the Ministry to fully utilise appropriations. This method of managing the research programme is expected to maximise the level of fisheries information. Cost recovery of research costs will be managed in accordance with the legislation, cost recovery rules and the Ministry's agreement with industry on managing changes to services "in year".

6 Appendix 3 details the proposed Observer Services programme for 2009/10, including the services requested by the Department of Conservation for its fisheries-related conservation services. It also includes the 2008/09 planned days for comparative purposes.

7 None of the Ministry's proposed 2009 Budget initiatives are subject to cost recovery. However, in the line-by-line expenditure review required of all Government departments, the Ministry did provide savings from some services where cost recovery is a factor. This includes a foregoing of the \$1 million increase in the Observer output that would have occurred in 2009/10 for improved Observer coverage on interactions between commercial fishing and protected species. These savings have been taken into account when calculating the 1 October 2009 levies.

8 It is emphasised to stakeholders that final decisions on the level and nature of the 2009 services will be made by the Minister.

Proposed cost recovery levies for 1 October 2009

9 The purpose of seeking a review of the proposed cost recovery levies is to ensure that the cost recovery rules have been properly applied, costs are correctly allocated against fishstocks, and the Minister is adequately informed of stakeholder views when recommending the levy order.

10 Stakeholders need to note that the remaining under and over recovery settlement credit for 1994/95 to 2001/02 and the residual under and over recoveries for previous years are not included in the model under review. The purpose is to enable views to be obtained on the 'pure' levies for 2009/10. The proposed levies by fish stock for 2009/10 are attached as Appendix 4.

11 The settlement credits and residual unders and overs will however be included in the final levies to be advised to the Minister for 1 October 2009 and are attached as Appendix 5 (excluding 2007/08 figures). The Ministry is currently working with SeaFIC to review the 2007/08 under and over recoveries. These too will be included in the levies once finalised.

Port Prices and Catch Volumes

12 The Fisheries (Cost Recovery) Rules 2001, require the chief executive of the Ministry to conduct an annual survey to determine port prices for each stock, and to fix a port price that, in the view of the chief executive, is the average port price for that stock. The survey for the 1 October 2009 levy process was undertaken in March 2009, but, because of the poor response, it is not appropriate to update the port prices with the most recent information. The 2009/10 levies have therefore been calculated using the same port prices adopted for setting the 1 October 2008 levies.

13 For non-ITQ species an average of catch levels over the three years 2005/06, 2006/07 and 2007/08 has been used. SeaFIC have agreed with this approach.

Levy model

14 The levies have been calculated in Microsoft Access. The Ministry will provide a CD copy of the model if requested.

Stocks where the proposed levy is greater than 10% of port price

15 The port price also provides a useful measure of the impact of fisheries services levies on a fish stock - a measure of 'affordability'. The table below details the species where the 2009/10 fisheries services levy is greater than 10% of port price.

16 The predominant feature influencing changes in the levies is research. Other costs such as registry services and commercial compliance remain relatively even from year to year. The research component of the levies will depend on whether there is a research project being conducted for that fish stock. All projects in the research plan have been subject to thorough consultation with stakeholders as part of the Research Planning process.

17 The levies are 'pure' in the sense that they relate directly to services to be supplied in 2009/10 and exclude the effects of the historical settlement credit and previous years' under and over recoveries.

LEVY AFFORDABILITY				
Fish stock	Levy \$	Monthly levy per quota share	Levy as % of port price	Comparative average levy as % of port price (in previous three years)
SCACS	110,400	0.000092	35%	17%
SCA7B	4,800	0.000004	33%	2%
OEO4	1,674,000	0.001395	30%	7%
SCA1	165,600	0.000138	26%	11%
SCA7A	3,600	0.000003	25%	2%
SCA7C	3,600	0.000003	25%	2%
PPI1A	54,000	0.000045	25%	2%
SBW6I	1,635,600	0.001363	23%	13%
COC1A	135,600	0.000113	21%	8%
JMA1	234,000	0.000195	15%	6%
HOK1	5,755,200	0.004796	11%	12%

Allocation of research indirect costs

18 The proposed cost recovery levies for 1 October 2009 have been calculated using the same approach to the allocation of indirect costs to research projects as in previous years. However, we are aware of the disquiet voiced by some stakeholders that this approach imposes a heavier weighting on certain stocks where the direct research cost is significant.

19 The Ministry has reviewed the make-up of the research indirect costs and their allocation and suggests a more appropriate approach would be to allocate the scientist's time and associated costs based on their involvement in each fisheries grouping (eg deepwater), and then to individual projects within that grouping based on their direct costs. There would then be a separate allocation, based on the current approach, to cover ancillary costs for such items as data and contract management.

20 The alternative approach to allocating research indirect costs has been modelled and is on the Ministry web site.

Stakeholder views

21 The Ministry welcomes feedback from industry stakeholders on the proposed cost recovered fisheries services, the alternate research indirect cost allocation process, and the cost recovery levies, and invites comments from other stakeholders on these services.

22 We recognise that the Ministry has particular communication channels for iwi and would invite iwi who wish to do so to discuss the proposed services with their Pou Hononga. We would be happy to facilitate meetings if these are required.

23 The Ministry's cost recovery team is available to discuss any additional information requirements during the review period. For further information please contact either:

Brian Ashton (04) 819 4353, e-mail Brian.Ashton@fish.govt.nz or
Paul O'Donoghue (04) 819 4380, e-mail paul.odonoghue@fish.govt.nz

Stages in the consultation process

24 Submissions can be sent by e-mail to Brian.Ashton@fish.govt.nz or to the address below.

Brian Ashton
Ministry of Fisheries
PO Box 1020
Wellington.

25 The close off date for written submission is **5pm on Wednesday 17 June 2009**. All written comments must be provided by this deadline. No extension is possible.

26 Following this, the Ministry will provide a report to the Minister of Fisheries in June 2009 on the recommended fisheries services to be adopted for 2009/10. The report will include a copy of all stakeholder submissions and the Ministry analysis of the issues raised in the submissions. The Minister will then make his final decisions on those services.

27 Subsequent to that, the complete list of fisheries services to be provided in 2009/10 will be published on the Ministry website, along with the advice paper to the Minister, the stakeholder submissions and the Ministry analysis of the issues raised in the submissions.

28 The Ministry expects to have the cost recovery levies for 1 October 2009 Gazetted in August 2009.

Nāku noa, nā
Yours sincerely

Paul Laplanche
Chief Financial Officer

**CONSULTATION DOCUMENT ON
PROPOSED COST RECOVERED
FISHERIES SERVICES
FOR THE PERIOD 1 JULY 2009 TO 30 JUNE 2010**



Ministry of

Fisheries

Te Tautiaki i nga tini a Tangaroa

*The value New Zealanders obtain through the sustainable use
of fishery resources and protection of the aquatic environment
is maximised*

May 2009

COST RECOVERED FISHERIES SERVICES TO BE PROVIDED IN 2009/2010

This section contains the specific cost recovered outputs and services proposed to be delivered in 2009/2010 to support the achievement of the contributing outcomes listed in the Ministry's Statement of Intent for 2009/2014.

Table 1 shows the amounts to be recovered from the commercial fishing sector through cost recovery levies and transaction charges in 2009/10 and the comparative figures for 2008/09.

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Table 1:

\$000	2008/09			2009/2010			Change from 08/09 to 09/10
	Levies	Transaction Charges	Total	Levies	Transaction Charges	Total	
Fisheries science	15,263	0	15,263	14,221	0	14,221	(1,042)
Observer services	3,836	1,898	5,734	3,492	1,603	5,095	(639)
Registry services managed	4,898	180	5,078	4,881	85	4,966	(112)
Commercial fisheries compliance	9,965	0	9,965	10,036	0	10,036	71
Total cost recovered output/service	33,962	2,078	36,040	32,630	1,688	34,318	(1,722)

The changes in service costs that are subject to cost recovery result from:

- A decrease in indirect costs applied to cost recovered research projects through
 - (i) savings made in the 2009 Budget process;
 - (ii) transfer of catch effort data management costs to the Registry Services output.

In addition there is a change in the mix of cost recovered and other research projects resulting in a reduced share of indirect costs being allocated to cost recovered research.

- A reduction in the observer days planned for 2009/10.

In addition, the Minister has determined not to implement the planned funding increase of \$1 million for 2009/10 for the Observer initiative on protected species approved in the 2008 Budget.

- A decrease in the cost of the registry services contract and asset management costs, although this is offset to some extent by the transfer of catch effort data management costs from the fisheries research activity.

DEPARTMENTAL OUTPUT EXPENSE – FISHERIES INFORMATION

Fisheries science

As an input into current and future fisheries management decisions, fisheries research needs are identified, projects undertaken and results reported to provide scientific information on:

- estimates of biomass and sustainable yields for fish stocks
- effects of fishing on the aquatic environment, including biodiversity and by-catch species
- relevant social, cultural and economic factors that may be included in the management decision process
- non-commercial harvest levels.

To fully utilise the research appropriation, research projects are classified into two categories. Tier 1 projects are those that can be accommodated within the approved funding levels. Tier 2 projects will only be undertaken where Tier 1 projects are withdrawn/cancelled, or come in sufficiently under cost estimates and after consultation on the cost recovery levies. Recovery of costs through levies will only be applied to those projects that are actually undertaken.

A number of research programmes support the environmental principles in the Fisheries Act 1996 and the New Zealand Biodiversity Strategy. They aim to improve our ability to:

- protect the richness and health of New Zealand's marine biodiversity and the Ross Sea region
- ascertain the role of different organisms and habitats in maintaining the health and sustainability of our aquatic environment
- contribute to required information to set environmental standards.

Performance

Indicator	Expected achievement
Medium-term research plans updated for all fisheries groups, the aquatic environment, and biodiversity, in accordance with specified quality standards, in appropriate time frames to inform research and management activities for which they are required	12 plans updated
Research projects developed for fisheries and the aquatic environment for 2010/11 and incorporated into the draft annual Fisheries Research Services plan in accordance with specified quality standards	Plan accepted by Minister
Planned and timely requests for assessment of stock status completed and incorporated into the main and mid-year Fishery Assessment Plenary in accordance with specified quality standards	100%
Percentage total landed catch (excluding squid) comprising assessed stocks is increasing	>66%
Research programme funding managed <ul style="list-style-type: none"> • percentage of contracted research milestones completed during the year (including prior year carry forward funding), with allowance for approved variations • unplanned carry forward for future commitments 	>95% <\$3 million
Tier 1 research projects tendered, evaluated and contracts awarded	100%
Completed research projects for which objectives were fully achieved	>95%
Final research reports submitted by research providers for which review and quality assurance is provided in a timely fashion	>90%
Number of the external reviews of research programmes, stock assessment models or survey methodology completed, and recommendations accepted and/or implemented	≥3

Cost

	2008/09 Plan	2009/10 Plan	Change
Amount to be recovered from industry through levies	15,263	14,221	(1,042)

Observers

Observers provide an independent source of high quality scientific and other information from commercial fishing operations. This information is a valuable input into the management of New Zealand's fisheries resources, particularly the setting of sustainability levels and the monitoring of the environmental impact of fishing activities. Other organisations (e.g. Department of Conservation), also use the Observer service to gather the specific fisheries related information required to meet their organisational objectives.

The performance indicators below show a significant differential in the costs of delivering inshore and offshore coverage days. This is primarily due to a greater relative number of shore days (i.e. down time) required to achieve inshore coverage days. This reflects a number of factors including the shorter duration of inshore trips, the greater impact of weather on inshore fishing activity, the inherently greater variability in inshore fleet activity and difficulties experienced in obtaining observer placements in some fisheries.

To ensure sufficient observer capacity to facilitate delivery of the observer coverage plan a pool of approximately 55 observers is required on an ongoing basis. Additional observers are recruited to monitor the interactions between commercial fishing and protected species. All observers are employed on fixed term contracts, the timing and duration of which correspond to coverage requirements.

Performance

Indicator	Expected achievement
Average daily cost of coverage provided to:	
• DoC to support their Conservation Services Plan	\$728 +/- 10%
• support stock assessment.	\$598 +/- 10%
• support sea lion capture monitoring in the squid 6T fishery	\$598 +/- 10%
• support the monitoring of interactions between commercial fishing and protected species	\$916 +/- 10%
Total observer coverage days delivered	7,866 +/- 10%
Number of Ministry required days delivered, excluding monitoring of interactions with protected species.	3,886 +/- 10%
Days coverage to monitor interactions between commercial fishing and protected species	900
Coverage of fishing activity (% of tows) in the squid 6T fishery.	30%
Coverage in those fisheries where coverage is a condition of the fishing permit (Planned days in 2009/10, 1078)	100%
Coverage of bottom trawl fisheries in the South Pacific Regional Fisheries Management Area	100%

Cost

	2008/09	2009/10	Change
	Plan	Plan	
Amount to be recovered from industry through levies	3,836	3,492	(344)
Amount to be recovered through transaction charges	1,898	1,603	(295)

DEPARTMENTAL OUTPUT EXPENSE – FISHERIES OPERATIONS

REGISTRY SERVICES AND PERMITS

Accurate and timely registry information (including permit holder register, vessel registers, quota and ACE ownership, and catch data) is collected under contract or by a devolved agency to support sustainability and utilisation decisions within each fishery. The Ministry is required to ensure contracted or devolved registry services are delivered in a manner consistent with the standards and specifications for those services. These services also include the administration and registry services aspects of the introduction of new species into the Quota Management System.

Other services include

- The issue of
 - freshwater farm licences
 - fish transfer authorisations
 - special permits
 - high seas permits
- Decisions on requests for aquaculture permits under the Fisheries Act 1983.

Performance

Indicator	Expected achievement
Approving applications made under Fisheries laws	
Applications for: <ul style="list-style-type: none"> - Licences under the Freshwater Fish Farming Regulations 1983, - Fish farm registration under the Fisheries Act 1996 - Special permits under the Fisheries Act 1996 	95% determined within 6 months of application
Monitoring of contracted and devolved services	
Services delivered are materially error free and delivered in a timely manner	Service are monitored against Ministry standards and specifications
All significant errors are corrected	100%
Quota allocation	
Quota is allocated for new species coming into the quota management system	Within the required timeframes

Cost

	2008/09	2009/10	Change
	Plan	Plan	
Amount to be recovered from industry	4,898	4,881	(17)
Amount to be recovered through transaction charges	180	85	(95)

DEPARTMENTAL OUTPUT EXPENSE – FISHERIES COMPLIANCE

COMMERCIAL FISHERIES COMPLIANCE

Fisheries Compliance supports the protection of our valued natural fishery resources through collective responsibility and actions from commercial, recreational and customary fishers. We aim to achieve optimal levels of compliance with fisheries laws to ensure fishstocks are utilised in a sustainable way.

We apply a service model that is graduated in its level of response to the activity concerned, from educational (assisted compliance) right through to enforcement (directed compliance).

Compliance activity promotes high levels of voluntary compliance with fisheries laws and create effective deterrence against illegal fisheries activity.

Compliance with an increasing Fishery Officer and Honorary Fishery Officer network ensures that management decisions relating to fisheries taken by other parts of the Ministry of Fisheries are monitored and complied with, and, where necessary, enforced. The resulting information elicited from compliance activities also enables good organisational decision making.

Services will be delivered to monitor, inspect and investigate commercial fishers, to support the integrity of the Quota Management System and the application of international fisheries rules and agreements.

In 2009/10, an estimated 104,000 hours of Ministry resource will be used to produce the services in the commercial fisheries compliance area.

Performance

Indicator	Expected achievement
Improving Levels Of Voluntary Compliance	
Number of commercial vessel inspections (at port, at sea, landings)	1500
Percentage where breaches found	<= 20%
Number of Licensed Fish Receiver (LFR) inspections	200
Percentage where breaches found	<= 15%
Late monthly harvest returns (MHRs) followed up within 14 days of due date	100%
Unfurnished MHRs followed up within two months of due date	100%
Creating An Effective Deterrent	
Number of commercial investigations commenced	11
Number of MHRs, LFRs and Catch landing returns discrepancies investigated	500
Number of commercial investigations finalised (where a decision to prosecute or otherwise has made)	10

Cost

	2008/09 Plan	2009/10 Plan	Change
Amount to be recovered from industry	9,965	10,036	71

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Appendix 2

2009/10 Cost Recovered Research Contracts

Tier 1	Project title	Cost range \$
DEEPWATER		
OEO2009-02	Estimation of the abundance of black oreo and smooth oreo in selected areas	1,000,000 - 2,000,000
ORH2009-01	Orange roughy stock assessment	75,000 - 150,000
ORH2009-04	Estimating the non-spawning proportion of mature orange roughy	25,000 - 75,000
ORH2009-05	Estimating the abundance of orange roughy using acoustic methods	250,000 - 500,000
ORH2009-07	Estimation of the abundance of orange roughy in selected areas (NWCR)	1,000,000 - 2,000,000
MIDDLE DEPTHS		
HOK2009-01	Estimation of spawning hoki biomass using acoustic surveys	750,000 - 1,000,000
JMA2009-02	Stock assessment of jack mackerels in JMA7	75,000 - 150,000
LIN2009-01	Stock assessment of ling	75,000 - 150,000
MID2009-01	Characterisation and fishery monitoring of middle depth species	75,000 - 150,000
SBW2009-01	Stock assessment of southern blue whiting	75,000 - 150,000
SBW2009-02	Biomass estimation of southern blue whiting using acoustic surveys	1,000,000 - 2,000,000
SKI2009-01	Monitoring the length and age structure of commercial landings of gemfish in QMA 1	75,000 - 150,000
INSHORE SPECIES		
BCO2009-03	Monitoring the length, sex and age structure of commercial landings of blue cod in BCO 5	75,000 - 150,000
BCO2009-04	Catch per unit effort analysis of the commercial blue cod fishery in BCO 4	25,000 - 75,000
BNS2009-01	Age composition of the commercial catch of bluenose in BNS 1, BNS 2, BNS 3, BNS 7 and BNS 8	75,000 - 150,000
GMU2009-02	Monitoring the length and age structure of commercial landings of grey mullet in GMU 1	75,000 - 150,000
GUR2009-01	Fishery characterisation and CPUE analysis of GUR 1	25,000 - 75,000
INS2009-03	Characterisation of FMA 2 fisheries	75,000 - 150,000
INT2009-01	Trawl survey for FMAs 1 & 9	500,000 - 750,000
JDO2009-03	Feasibility of using the Danish seine catch to monitor John dory in JDO 1	25,000 - 75,000
JMA2009-01	Catch-at-age and catch composition of Jack mackerel fisheries in JMA 1	250,000 - 500,000
SNA2009-01	A quantitative assessment for SNA 2	75,000 - 150,000
SNA2009-02	Catch-at-age of snapper in SNA 7	75,000 - 150,000
SNA2009-03	Identification of major SNA 1 nursery areas and the quantification of their relative contribution to SNA 1 annual recruitment	75,000 - 150,000
SNA2009-04	SNA 8 Sub QMA distribution and abundance	Up to 25,000
TAR2009-01	Catch-at-age and catch composition of TAR 2	75,000 - 150,000
TAR2009-02	Catch-at-age and catch composition of TAR 3	75,000 - 150,000
TRE2009-02	Monitoring the length and age structure of commercial landings of trevally in TRE 7	75,000 - 150,000
SHELLFISH		
GLM2009-01	Green-lipped mussels in GLM 9	25,000 - 75,000
OYS2009-01	Foveaux Strait oyster stock assessment	500,000 - 750,000
PPI2009-01	Stock assessment Mair Bank pipis	25,000 - 75,000
SCA2009-03	Scallop growth	25,000 - 75,000
SCA2009-06	Environmental recruitment relationships for scallops	25,000 - 75,000
SCA2009-07	Scallop medium term research plan	25,000 - 75,000
SCI2009-01	Estimating the abundance of scampi in SCI 3	750,000 - 1,000,000
SCI2009-02	Stock assessment of scampi	75,000 - 150,000
SUR2009-01	Characterisation of kina fisheries	25,000 - 75,000

Tier 1	Project title	Cost range \$
HIGHLY MIGRATORY SPECIES		
ALB2009-01	Stock monitoring of albacore	150,000 - 250,000
HMS2009-02	Commercial catch sampling programme for highly migratory fish species	75,000 - 150,000
SKJ2009-01	Characterisation of all New Zealand fisheries for skipjack tuna	25,000 - 75,000
STN2009-01	Catch-at-age of Southern bluefin tuna	25,000 - 75,000
ROCK LOBSTER		
CRA2009-01	Stock assessment of rock lobster	Over 2,000,000
CRA2009-02	Rock lobster recruitment	250,000 - 500,000
AQUATIC ENVIRONMENT		
BEN2009-02	Monitoring change in benthic communities in Spirits Bay	250,000 - 500,000
BEN2009-04	Spatial overlap of scallop dredging and benthic habitat	75,000 - 150,000
PROTECTED SPECIES		
PRO2009-01	Abundance, distribution and productivity of Hector's and Maui's dolphins	Up to \$500,000
PRO2009-04	Development and efficacy of seabird mitigation measures	25,000 - 75,000

Tier 2	Project title	Cost range \$
DEEPWATER		
OEO2009/01	Oreo stock assessment	75,000 - 150,000
ORH2009/02	Stock structure of orange roughy	75,000 - 150,000
MIDDLE DEPTHS		
GSH2009/01	Age validation of dark and pale ghost sharks	75,000 - 150,000
INSHORE SPECIES		
ELE2009/01	Fishery characterisation and CPUE analysis for ELE 7	25,000 - 75,000
EMA2009/01	Stock assessment of EMA 1	75,000 - 150,000
FLA2009/01	Assess the feasibility of using juvenile netting surveys to predict adult yellow-belly and sand founder abundance in the Manukau Harbour and Firth of Thames	25,000 - 75,000
GMU2009/01	Spatial mixing of GMU 1 using otolith microchemistry	75,000 - 150,000
HPB2009/01	Spawning locations of hapuku migrating in Cook Strait	25,000 - 75,000
INS2009/01	National stock relationships: Part 2 - tarakihi and red gurnard	25,000 - 75,000
JDO2009/02	Catch-at-age of JDO1	75,000 - 150,000
KAH2009/01	To quantify the level of stock mixing within KAH 1 using tagging	250,000 - 500,000
LEA2009/01	Characterisation and monitoring LEA 1 and LEA 2	Up to 25,000
MOK2009/01	Catch-at-age of the commercial landings of blue moki in MOK 1 and MOK 3	75,000 - 150,000
SCH2009/01	Catch-at-length of commercial landings of school shark in SCH 1 and SCH 2	75,000 - 150,000
SPD2009/01	Characterisation of the Northern spiny dogfish fishery in FMA 1 and 9	Up to 25,000
SHELLFISH		
SCA2009/05	Length-based integrated stock assessment model for Coromandel scallops	25,000 - 75,000
SCI2009/03	Estimating the abundance of scampi in SCI 4A	750,000 - 1,000,000
HIGHLY MIGRATORY SPECIES		
HMS2009/03	Characterisation of New Zealand fisheries for moonfish and ray's bream	25,000 - 75,000
AQUATIC ENVIRONMENT		
ENV2009/02	Bycatch and discards in oreo and orange roughy trawl fisheries	25,000 - 75,000
ENV2009/09	Reducing bycatch in scampi fisheries	150,000 - 250,000
PROTECTED SPECIES		
PRO2009/02	Survival of sea lions escaping from SLEDs	75,000 - 150,000
PRO2009/05	Abundance and distribution of New Zealand fur seals on the West Coast of the South Island	150,000 - 250,000
PRO2009/06	Review available information on the population parameters for the WCSI populations of the New Zealand fur seal	<25,000

Appendix 3

Observer Days Plan for 2009-2010

Fishery	MFish*	DoC	Compliance	International	Industry	09/10	08/09
Deepwater fisheries:							
ORH 1	12	8				20	21
ORH 2A	25	15				40	52
ORH 3B	432	38				470	454
OEO 1	37	8				45	52
OEO 3A/4	137	38				175	163
OEO 6	122	8				130	135
Sub total Deepwater	765	115				880	877
Hoki & Middle Depth fisheries:							
Hoki -WCSI	412	98				510	607
Cook Strait	57	23				80	143
Pegasus Bay	0					0	0
Chatham Rise	353	57				410	466
Sub Antarctic	214	36				250	285
Hoki total	1,036	214				1,250	1,501
HAK 4	25	5				30	35
SBW	194	16				210	223
LIN - deepwater BLL	163	17				180	196
JMA & EMA trawl	330	111				441	523
Sub total hoki and MD	1,748	363				2,111	2,478
Pelagic fisheries:							
KIN	0					0	25
PIL	0					0	25
Tuna domestic	413	44				457	457
Tuna charter	313	37				350	368
ALB troll	76					76	50
SKJ Dom PS	70					70	70
SKJ SS	30					30	30
JMA PS	20					20	20
EMA PS	20					20	20
KAH PS	18					18	18
TRE PS	17					17	17
PIL PS	5					5	5
Sub total pelagic	982	81				1,063	1,108
Shellfish:							
SCI	162	48				210	210
Aquatic Environment:							
SQU	410	135				545	900
Monitoring interaction of commercial fishing with protected species	900					900	900
Seabird mitigation standards						0	0
Inshore BLL	229	250				479	268
Inshore trawl		300				750	268
Inshore Set Net		200				650	340
Sub total aquatic	1,539	885				2,424	2,676
Compliance:			100			100	140
Sub-total (levied fisheries)	5196	1492	100	0	0	6788	7486

Fishery	MFish*	DoC	Compliance	International	Industry	09/10	08/09
Deepwater fisheries:							
ORH 1					150	150	250
SPRFMO - Bottom trawl				120		120	510
SPRFMO - Longline				20		20	0
CCAMLR - RS & other				470		470	570
VSCF					168	168	84
WCPFC - SS PS ex NZEEZ						0	70
Non-specific						0	15
FCV standards					150	150	0
Sub-total (non levied fisheries)	0	0	0	610	468	1078	1499
Total days =	5196	1492	100	610	468	7866	8985

*MFish Stock assessment and aquatic environment coverage

Transaction fee = \$571.65 per day

Appendix 4

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
ANC1	200	2,400	12.00	-	-
ANC10	-	-	-	-	-
ANC2	100	1,200	12.00	-	-
ANC3	50	1,200	24.00	-	-
ANC4	10	-	-	-	-
ANC7	100	1,200	12.00	-	-
ANC8	100	1,200	12.00	-	-
ANG11	40	4,800	120.00	-	-
ANG12	43	4,800	112.31	-	-
ANG13	122	14,400	118.10	-	-
ANG14	35	4,800	136.75	-	-
ANG15	118	14,400	122.39	-	-
ANG16	63	7,200	114.80	-	-
BAR1	11,000	81,600	7.42	19,200	1.75
BAR10	10	-	-	-	-
BAR4	3,019	15,600	5.17	-	-
BAR5	7,470	57,600	7.71	13,200	1.77
BAR7	11,173	86,400	7.73	20,400	1.83
BCO1	46	3,600	77.85	-	-
BCO10	10	1,200	120.00	-	-
BCO2	10	1,200	116.45	-	-
BCO3	163	12,000	73.74	1,200	7.37
BCO4	759	64,800	85.34	-	-
BCO5	1,548	138,000	89.12	-	-
BCO7	70	4,800	68.57	-	-
BCO8	74	6,000	80.65	-	-
BIG1	714	392,400	549.58	32,400	45.38
BNS1	786	105,600	134.35	10,800	13.74
BNS10	10	1,200	120.00	-	-
BNS2	902	133,200	147.67	26,400	29.27
BNS3	505	73,200	144.95	7,200	14.26
BNS7	89	18,000	202.25	1,200	13.48
BNS8	43	14,400	334.88	-	-
BUT1	3	-	-	-	-
BUT10	-	-	-	-	-
BUT2	63	4,800	76.19	1,200	19.05
BUT3	3	-	-	-	-
BUT4	10	1,200	120.00	-	-
BUT5	45	4,800	106.67	1,200	26.67
BUT6	-	-	-	-	-
BUT7	38	2,400	63.16	1,200	31.58
BWS1	1,860	14,400	7.74	-	-
BYA1	1	-	-	-	-
BYA2	1	-	-	-	-
BYA3	1	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
BYA4	1	-	-	-	-
BYA5	1	-	-	-	-
BYA7	9	-	-	-	-
BYA8	1	-	-	-	-
BYA9	1	-	-	-	-
BYX1	300	9,600	32.00	-	-
BYX10	10	-	-	-	-
BYX2	1,575	54,000	34.29	-	-
BYX3	1,010	45,600	45.13	-	-
BYX7	81	2,400	29.81	-	-
BYX8	20	1,200	60.00	-	-
CDL1	1,200	16,800	14.00	-	-
CDL10	-	-	-	-	-
CDL2	2,223	50,400	22.67	-	-
CDL3	196	2,400	12.24	-	-
CDL4	66	1,200	18.18	-	-
CDL5	22	-	-	-	-
CDL6	1	-	-	-	-
CDL7	39	-	-	-	-
CDL9	4	-	-	-	-
CHC1	10	-	-	-	-
CHC10	-	-	-	-	-
CHC2	10	-	-	-	-
CHC3	4	-	-	-	-
CHC4	4	-	-	-	-
CHC5	4	-	-	-	-
CHC6	4	-	-	-	-
CHC7	4	-	-	-	-
CHC8	4	-	-	-	-
CHC9	4	-	-	-	-
COC1A	346	135,600	391.91	-	-
COC1B	-	-	-	-	-
COC1C	5	-	-	-	-
COC2	-	-	-	-	-
COC3	1,470	52,800	35.92	-	-
COC3B	1	-	-	-	-
COC4	-	-	-	-	-
COC5	2	-	-	-	-
COC7A	1,390	54,000	38.85	-	-
COC7B	-	-	-	-	-
COC7C	-	-	-	-	-
COC8	-	-	-	-	-
COC9	-	-	-	-	-
CRA1	131	134,400	1,025.47	-	-
CRA10	0	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
CRA2	236	292,800	1,240.24	-	-
CRA3	164	212,400	1,295.12	-	-
CRA4	266	297,600	1,118.80	-	-
CRA5	350	345,600	987.43	-	-
CRA6	360	295,200	820.00	-	-
CRA7	189	176,400	933.33	-	-
CRA8	1,019	969,600	951.52	-	-
CRA9	47	52,800	1,123.21	-	-
DAN1	7	-	-	-	-
DAN2	18	1,200	66.67	-	-
DAN3	4	-	-	-	-
DAN4	1	-	-	-	-
DAN5	1	-	-	-	-
DAN7	15	1,200	80.00	-	-
DAN8	33	1,200	36.36	-	-
DAN9	33	1,200	36.36	-	-
DSU1	1	-	-	-	-
DSU2	1	-	-	-	-
DSU3	1	-	-	-	-
DSU4	1	-	-	-	-
DSU5	1	-	-	-	-
DSU7	1	-	-	-	-
DSU8	1	-	-	-	-
DSU9	1	-	-	-	-
ELE1	10	-	-	-	-
ELE10	10	-	-	-	-
ELE2	22	1,200	55.56	-	-
ELE3	950	70,800	74.53	18,000	18.95
ELE5	120	7,200	60.00	2,400	20.00
ELE7	102	7,200	70.73	2,400	23.58
EMA1	7,630	112,800	14.78	12,000	1.57
EMA10	-	-	-	-	-
EMA2	180	1,200	6.67	-	-
EMA3	390	2,400	6.15	-	-
EMA7	3,350	121,200	36.18	4,800	1.43
FLA1	1,187	78,000	65.70	31,200	26.28
FLA10	10	1,200	120.00	-	-
FLA2	726	48,000	66.12	-	-
FLA3	1,430	145,200	101.54	12,000	8.39
FLA7	2,066	210,000	101.67	18,000	8.71
FRO1	149	1,200	8.05	-	-
FRO10	-	-	-	-	-
FRO2	110	1,200	10.91	-	-
FRO3	176	1,200	6.82	-	-
FRO4	28	-	-	-	-
FRO5	135	1,200	8.89	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
FRO6	11	-	-	-	-
FRO7	2,623	15,600	5.95	-	-
FRO8	649	3,600	5.55	-	-
FRO9	138	1,200	8.70	-	-
GAR1	25	2,400	96.00	-	-
GAR10	-	-	-	-	-
GAR2	5	-	-	-	-
GAR3	5	-	-	-	-
GAR4	2	-	-	-	-
GAR7	8	1,200	150.00	-	-
GAR8	5	-	-	-	-
GLM1	10	-	-	-	-
GLM10	-	-	-	-	-
GLM2	10	-	-	-	-
GLM3	10	-	-	-	-
GLM7A	1,500	6,000	4.00	-	-
GLM7B	10	-	-	-	-
GLM8	-	-	-	-	-
GLM9	180	48,000	266.67	-	-
GMU1	926	112,800	121.88	15,600	16.86
GMU10	10	-	-	-	-
GMU2	20	1,200	59.70	-	-
GMU3	30	1,200	40.00	-	-
GMU7	20	2,400	120.00	-	-
GSC1	1	-	-	-	-
GSC10	-	-	-	-	-
GSC3	14	1,200	85.71	-	-
GSC5	19	1,200	63.16	-	-
GSC6A	148	8,400	56.76	-	-
GSC6B	237	13,200	55.70	-	-
GSH1	22	-	-	-	-
GSH10	-	-	-	-	-
GSH2	66	-	-	-	-
GSH3	1,185	8,400	7.09	1,200	1.01
GSH4	370	2,400	6.49	-	-
GSH5	109	1,200	11.01	-	-
GSH6	95	1,200	12.63	-	-
GSH7	1,121	7,200	6.42	1,200	1.07
GSH8	22	-	-	-	-
GSH9	22	-	-	-	-
GSP1	1,150	8,400	7.30	-	-
GSP5	454	3,600	7.93	-	-
GSP7	176	1,200	6.82	-	-
GUR1	2,288	235,200	102.82	10,800	4.72
GUR10	10	-	-	-	-
GUR2	725	37,200	51.28	3,600	4.96

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
GUR3	800	42,000	52.50	3,600	4.50
GUR7	681	44,400	65.21	3,600	5.29
GUR8	543	57,600	106.04	2,400	4.42
HAK1	3,701	351,600	95.00	4,800	1.30
HAK10	10	-	-	-	-
HAK4	1,800	117,600	65.33	2,400	1.33
HAK7	7,700	199,200	25.87	10,800	1.40
HOK1	90,000	5,755,200	63.95	96,000	1.07
HOK10	10	-	-	-	-
HOR1	4	-	-	-	-
HOR10	-	-	-	-	-
HOR2	2	-	-	-	-
HOR3	2	-	-	-	-
HOR4	1	-	-	-	-
HOR5	1	-	-	-	-
HOR6	1	-	-	-	-
HOR7	16	-	-	-	-
HOR8	1	-	-	-	-
HOR9	1	-	-	-	-
HPB1	481	61,200	127.29	7,200	14.98
HPB10	10	1,200	120.00	-	-
HPB2	266	34,800	130.73	7,200	27.05
HPB3	335	28,800	85.94	2,400	7.16
HPB4	323	30,000	92.99	3,600	11.16
HPB5	451	50,400	111.68	6,000	13.29
HPB7	236	30,000	127.39	3,600	15.29
HPB8	80	20,400	254.68	1,200	14.98
JDO1	704	258,000	366.48	12,000	17.05
JDO10	10	1,200	120.00	-	-
JDO2	270	106,800	396.29	4,800	17.81
JDO3	32	2,400	75.24	-	-
JDO7	114	21,600	189.47	2,400	21.05
JMA1	10,000	234,000	23.40	7,200	0.72
JMA10	10	-	-	-	-
JMA3	18,000	62,400	3.47	14,400	0.80
JMA7	32,537	271,200	8.34	25,200	0.77
KAH1	1,075	15,600	14.51	-	-
KAH10	9	-	-	-	-
KAH2	705	7,200	10.21	-	-
KAH3	410	1,200	2.93	-	-
KAH4	9	-	-	-	-
KAH8	520	7,200	13.85	-	-
KIC1	10	-	-	-	-
KIC10	-	-	-	-	-
KIC2	10	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
KIC3	10	-	-	-	-
KIC4	10	-	-	-	-
KIC5	10	-	-	-	-
KIC6	10	-	-	-	-
KIC7	10	-	-	-	-
KIC8	10	-	-	-	-
KIC9	10	-	-	-	-
KIN1	91	9,600	105.49	-	-
KIN10	1	-	-	-	-
KIN2	63	6,000	95.24	1,200	19.05
KIN3	1	-	-	-	-
KIN4	1	-	-	-	-
KIN7	7	1,200	171.43	-	-
KIN8	36	3,600	100.00	-	-
KWH1	1	-	-	-	-
KWH2	1	-	-	-	-
KWH3	3	-	-	-	-
KWH4	6	-	-	-	-
KWH5	1	-	-	-	-
KWH6	2	-	-	-	-
KWH7A	50	-	-	-	-
KWH7B	1	-	-	-	-
KWH8	1	-	-	-	-
KWH9	1	-	-	-	-
LDO1	168	12,000	71.43	-	-
LDO10	1	-	-	-	-
LDO3	614	37,200	60.59	-	-
LEA1	188	2,400	12.77	-	-
LEA10	-	-	-	-	-
LEA2	1,136	18,000	15.85	-	-
LEA3	100	1,200	12.00	-	-
LEA4	7	-	-	-	-
LFE17	1	-	-	-	-
LFE20	19	2,400	126.32	-	-
LFE21	32	4,800	150.00	-	-
LFE22	21	3,600	171.43	-	-
LFE23	9	1,200	133.33	-	-
LIN1	400	26,400	66.00	3,600	9.00
LIN10	10	1,200	120.00	-	-
LIN2	982	81,600	83.10	13,200	13.44
LIN3	2,060	186,000	90.29	42,000	20.39
LIN4	4,200	325,200	77.43	56,400	13.43
LIN5	3,595	393,600	109.49	73,200	20.36
LIN6	8,505	720,000	84.66	51,600	6.07
LIN7	2,225	188,400	84.67	45,600	20.49

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
MAK1	406	3,600	8.87	-	-
MDI1	1	-	-	-	-
MDI2	1	-	-	-	-
MDI3	1	-	-	-	-
MDI4	1	-	-	-	-
MDI5	14	-	-	-	-
MDI7	26	1,200	46.15	-	-
MDI8	27	1,200	44.44	-	-
MDI9	27	1,200	44.44	-	-
MMI1	2	-	-	-	-
MMI2	3	-	-	-	-
MMI3	44	-	-	-	-
MMI4	1	-	-	-	-
MMI5	1	-	-	-	-
MMI7	61	1,200	19.67	-	-
MMI8	25	-	-	-	-
MMI9	25	-	-	-	-
MOK1	403	7,200	17.88	2,400	5.96
MOK10	10	-	-	-	-
MOK3	127	3,600	28.30	1,200	9.43
MOK4	25	-	-	-	-
MOK5	44	1,200	27.42	-	-
MOO1	527	19,200	36.43	-	-
OEO1	2,500	70,800	28.32	3,600	1.44
OEO10	10	-	-	-	-
OEO3A	3,100	85,200	27.48	4,800	1.55
OEO4	7,000	1,674,000	239.14	10,800	1.54
OEO6	6,000	189,600	31.60	9,600	1.60
ORH1	1,400	138,000	98.57	8,400	6.00
ORH10	10	1,200	120.00	-	-
ORH2A	1,100	117,600	106.91	6,000	5.45
ORH2B	185	16,800	90.81	1,200	6.49
ORH3A	415	38,400	92.53	2,400	5.78
ORH3B	9,420	1,148,400	121.91	66,000	7.01
ORH7A	1	-	-	-	-
ORH7B	1	-	-	-	-
OYS1	1	-	-	-	-
OYS2A	1	-	-	-	-
OYS3	2	-	-	-	-
OYS4	15	1,200	80.00	-	-
OYS5A	3	-	-	-	-
OYS7	505	34,800	68.91	-	-
OYS7A	1	-	-	-	-
OYS7B	1	-	-	-	-
OYS7C	43	3,600	83.72	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
OYS8A	1	-	-	-	-
OYS9	1	-	-	-	-
OYU5	1,526	294,000	192.72	-	-
PAD1	220	18,000	81.82	-	-
PAD10	-	-	-	-	-
PAD2	110	9,600	87.27	-	-
PAD3	100	8,400	84.00	-	-
PAD4	25	2,400	96.00	-	-
PAD5	50	3,600	72.00	-	-
PAD6	-	-	-	-	-
PAD7	100	8,400	84.00	-	-
PAD8	60	4,800	80.00	-	-
PAD9	100	8,400	84.00	-	-
PAR1	61	2,400	39.34	-	-
PAR10	-	-	-	-	-
PAR2	2	-	-	-	-
PAR9	21	1,200	57.14	-	-
PAU1	2	1,200	621.76	-	-
PAU10	1	1,200	1,200.00	-	-
PAU2	121	82,800	683.24	-	-
PAU3	92	62,400	681.11	-	-
PAU4	327	452,400	1,385.42	-	-
PAU5A	149	300,000	2,013.65	-	-
PAU5B	90	61,200	680.00	-	-
PAU5D	89	246,000	2,764.04	-	-
PAU6	1	1,200	1,200.00	-	-
PAU7	187	128,400	685.75	-	-
PDO1	1	-	-	-	-
PDO2	5	-	-	-	-
PDO3	108	1,200	11.11	-	-
PDO4	1	-	-	-	-
PDO5	1	-	-	-	-
PDO7	50	1,200	24.00	-	-
PDO8	1	-	-	-	-
PDO9	1	-	-	-	-
PHC1	40	21,600	535.98	-	-
PIL1	2,000	31,200	15.60	-	-
PIL10	-	-	-	-	-
PIL2	200	2,400	12.00	-	-
PIL3	60	1,200	20.00	-	-
PIL4	10	-	-	-	-
PIL7	150	2,400	16.00	-	-
PIL8	65	1,200	18.46	-	-
POR1	62	2,400	38.71	-	-
POR10	1	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
POR2	6	-	-	-	-
POR3	2	-	-	-	-
POS1	215	1,200	5.58	-	-
PPI1A	200	54,000	270.00	-	-
PPI1B	-	-	-	-	-
PPI1C	3	-	-	-	-
PPI2	-	-	-	-	-
PPI3	-	-	-	-	-
PPI4	-	-	-	-	-
PPI5	-	-	-	-	-
PPI7	1	-	-	-	-
PPI8	-	-	-	-	-
PPI9	-	-	-	-	-
PRK1	25	-	-	-	-
PRK2	4	-	-	-	-
PRK3	1	-	-	-	-
PRK4A	1	-	-	-	-
PRK5	1	-	-	-	-
PRK6A	1	-	-	-	-
PRK6B	1	-	-	-	-
PRK7	1	-	-	-	-
PRK8	1	-	-	-	-
PRK9	1	-	-	-	-
PZL1	1	-	-	-	-
PZL2	1	-	-	-	-
PZL3	1	-	-	-	-
PZL4	1	-	-	-	-
PZL5	1	-	-	-	-
PZL7	23	8,400	363.64	-	-
PZL8	1	-	-	-	-
PZL9	1	-	-	-	-
QSC3	380	12,000	31.58	-	-
RBM1	980	16,800	17.14	-	-
RBT1	-	-	-	-	-
RBT10	-	-	-	-	-
RBT3	-	-	-	-	-
RBT7	-	-	-	-	-
RBY1	300	4,800	16.00	-	-
RBY10	-	-	-	-	-
RBY2	433	4,800	11.09	-	-
RBY3	3	-	-	-	-
RBY4	6	-	-	-	-
RBY7	33	-	-	-	-
RBY8	6	-	-	-	-
RBY9	19	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
RCO1	42	1,200	28.37	-	-
RCO10	10	-	-	-	-
RCO2	500	6,000	12.00	1,200	2.40
RCO3	4,600	82,800	18.00	7,200	1.57
RCO7	3,126	67,200	21.50	4,800	1.54
RIB1	121	6,000	49.59	-	-
RIB10	-	-	-	-	-
RIB2	176	8,400	47.73	-	-
RIB3	394	19,200	48.73	-	-
RIB4	357	16,800	47.06	-	-
RIB5	52	2,400	46.15	-	-
RIB6	231	10,800	46.75	-	-
RIB7	330	15,600	47.27	-	-
RIB8	1	-	-	-	-
RIB9	2	-	-	-	-
RSK1	111	1,200	10.81	-	-
RSK10	-	-	-	-	-
RSK3	1,653	13,200	7.99	2,400	1.45
RSK7	201	1,200	5.97	-	-
RSK8	21	-	-	-	-
RSN1	124	18,000	145.16	-	-
RSN10	1	-	-	-	-
RSN2	21	2,400	114.29	-	-
SAE1	9	-	-	-	-
SAE2	1	-	-	-	-
SAE3	264	3,600	13.64	-	-
SAE4	1	-	-	-	-
SAE5	3	-	-	-	-
SAE7	112	1,200	10.71	-	-
SAE8	8	-	-	-	-
SAE9	8	-	-	-	-
SBW1	8	-	-	-	-
SBW6A	1,640	12,000	7.32	1,200	0.73
SBW6B	14,700	170,400	11.59	6,000	0.41
SBW6I	20,000	1,635,600	81.78	7,200	0.36
SBW6R	5,500	57,600	10.47	2,400	0.44
SCA1	40	165,600	4,140.00	-	-
SCA1A	1	-	-	-	-
SCA2A	1	-	-	-	-
SCA3	1	-	-	-	-
SCA4	23	6,000	260.87	-	-
SCA5	1	-	-	-	-
SCA7	747	190,800	255.42	-	-
SCA7A	1	3,600	3,600.00	-	-
SCA7B	1	4,800	4,800.00	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
SCA7C	1	3,600	3,600.00	-	-
SCA8A	1	-	-	-	-
SCA9A	1	-	-	-	-
SCACS	22	110,400	5,018.18	-	-
SCC10	-	-	-	-	-
SCC1A	2	-	-	-	-
SCC1B	2	-	-	-	-
SCC2A	2	-	-	-	-
SCC2B	5	-	-	-	-
SCC3	2	-	-	-	-
SCC4	2	-	-	-	-
SCC5A	2	-	-	-	-
SCC5B	2	-	-	-	-
SCC6	-	-	-	-	-
SCC7A	5	-	-	-	-
SCC7B	5	-	-	-	-
SCC7D	2	-	-	-	-
SCC8	2	-	-	-	-
SCC9	2	-	-	-	-
SCH1	689	30,000	43.54	12,000	17.42
SCH10	10	-	-	-	-
SCH2	199	8,400	42.30	1,200	6.04
SCH3	387	21,600	55.81	6,000	15.50
SCH4	239	9,600	40.25	-	-
SCH5	743	56,400	75.91	14,400	19.38
SCH7	641	43,200	67.39	10,800	16.85
SCH8	529	34,800	65.78	9,600	18.15
SCI1	120	153,600	1,280.00	4,800	40.00
SCI10	-	-	-	-	-
SCI2	200	146,400	732.00	8,400	42.00
SCI3	340	628,800	1,849.41	13,200	38.82
SCI4A	120	56,400	470.00	4,800	40.00
SCI5	40	15,600	390.00	-	-
SCI6A	306	282,000	921.57	13,200	43.14
SCI6B	50	19,200	384.00	2,400	48.00
SCI7	75	28,800	384.00	-	-
SCI8	5	2,400	480.00	-	-
SCI9	35	13,200	377.14	-	-
SFE17	10	1,200	120.00	-	-
SFE20	86	12,000	139.53	-	-
SFE21	134	18,000	134.33	-	-
SFE22	94	12,000	127.66	-	-
SFE23	23	3,600	156.52	-	-
SK11	210	36,000	171.43	-	-
SK110	10	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
SK12	240	36,000	150.00	1,200	5.00
SK13	300	12,000	39.95	-	-
SK17	300	12,000	40.00	-	-
SNA1	4,500	721,200	160.27	111,600	24.80
SNA10	10	1,200	120.00	-	-
SNA2	315	90,000	285.71	4,800	15.24
SNA3	32	3,600	111.46	-	-
SNA7	200	87,600	438.00	2,400	12.00
SNA8	1,300	326,400	251.08	31,200	24.00
SPD1	331	3,600	10.88	-	-
SPD10	-	-	-	-	-
SPD3	4,794	85,200	17.77	21,600	4.51
SPD4	1,626	16,800	10.33	-	-
SPD5	3,700	63,600	17.19	10,800	2.92
SPD7	1,902	21,600	11.36	6,000	3.15
SPD8	307	3,600	11.73	1,200	3.91
SPE1	33	-	-	-	-
SPE2	79	1,200	15.19	-	-
SPE3	1,000	14,400	14.40	-	-
SPE4	910	9,600	10.55	-	-
SPE5	36	-	-	-	-
SPE6	9	-	-	-	-
SPE7	82	1,200	14.63	-	-
SPE8	15	-	-	-	-
SPE9	6	-	-	-	-
SPO1	692	64,800	93.63	16,800	24.28
SPO10	10	1,200	120.00	-	-
SPO2	86	8,400	97.67	1,200	13.95
SPO3	600	61,200	102.00	10,800	18.00
SPO7	221	26,400	119.46	4,800	21.72
SPO8	310	37,200	120.00	6,000	19.35
SPR1	70	1,200	17.14	-	-
SPR10	-	-	-	-	-
SPR3	285	4,800	16.84	-	-
SPR4	10	-	-	-	-
SPR7	85	1,200	14.12	-	-
SQU10T	10	-	-	-	-
SQU1J	50,212	793,200	15.80	-	-
SQU1T	44,741	904,800	20.22	82,800	1.85
SQU6T	32,369	672,000	20.76	367,200	11.34
SSK1	37	-	-	-	-
SSK10	-	-	-	-	-
SSK3	579	3,600	6.22	-	-
SSK7	213	1,200	5.63	-	-
SSK8	20	-	-	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
STA1	21	-	-	-	-
STA10	10	-	-	-	-
STA2	38	1,200	31.58	-	-
STA3	902	28,800	31.94	2,400	2.66
STA4	2,158	43,200	20.02	-	-
STA5	1,264	40,800	32.28	3,600	2.85
STA7	997	37,200	37.31	-	-
STA8	22	-	-	-	-
STN1	413	332,400	804.84	30,000	72.64
SUR10	-	-	-	-	-
SUR1A	40	2,400	60.00	-	-
SUR1B	140	7,200	51.43	-	-
SUR2A	80	3,600	45.00	-	-
SUR2B	30	1,200	40.00	-	-
SUR3	21	1,200	57.14	-	-
SUR4	225	10,800	48.00	-	-
SUR5	455	21,600	47.47	-	-
SUR7A	135	9,600	71.11	-	-
SUR7B	10	-	-	-	-
SUR8	1	-	-	-	-
SUR9	10	-	-	-	-
SWA1	3,000	82,800	27.60	4,800	1.60
SWA10	10	-	-	-	-
SWA3	3,280	90,000	27.44	8,400	2.56
SWA4	4,090	112,800	27.58	9,600	2.35
SWO1	885	292,800	330.85	13,200	14.92
TAR1	1,447	196,800	135.96	12,000	8.29
TAR10	10	-	-	-	-
TAR2	1,796	238,800	132.96	18,000	10.02
TAR3	1,403	138,000	98.36	6,000	4.28
TAR4	316	19,200	60.72	-	-
TAR5	153	14,400	94.36	1,200	7.86
TAR7	1,088	115,200	105.83	8,400	7.72
TAR8	225	38,400	170.36	1,200	5.32
TOR1	116	86,400	744.83	-	-
TRE1	1,507	104,400	69.28	7,200	4.78
TRE10	10	-	-	-	-
TRE2	241	10,800	44.76	1,200	4.97
TRE3	22	1,200	55.56	-	-
TRE7	2,153	180,000	83.59	8,400	3.90
TRU1	3	-	-	-	-
TRU10	-	-	-	-	-
TRU2	20	1,200	60.00	-	-
TRU3	33	1,200	36.36	-	-
TRU4	59	2,400	40.68	-	-

2009/10 Proposed Cost Recovery Levies by Fishstock (Quota Species)					
FishStock	TACC (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy (\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy (\$/tonne)
TRU5	22	1,200	54.55	-	-
TRU7	6	-	-	-	-
TRU8	1	-	-	-	-
TUA1A	-	-	-	-	-
TUA1B	-	-	-	-	-
TUA2	-	-	-	-	-
TUA3	-	-	-	-	-
TUA4	-	-	-	-	-
TUA5	-	-	-	-	-
TUA7	-	-	-	-	-
TUA8	-	-	-	-	-
TUA9	43	1,200	27.91	-	-
WAR1	41	1,200	29.13	-	-
WAR10	10	-	-	-	-
WAR2	578	10,800	18.69	1,200	2.08
WAR3	2,531	72,000	28.45	1,200	0.47
WAR7	1,120	33,600	30.01	-	-
WAR8	233	4,800	20.62	-	-
WWA1	4	-	-	-	-
WWA2	73	2,400	32.88	-	-
WWA3	583	15,600	26.76	-	-
WWA4	330	9,600	29.09	-	-
WWA5B	2,617	111,600	42.64	-	-
WWA7	127	3,600	28.35	-	-
WWA8	1	-	-	-	-
YEM1	20	1,200	60.00	-	-
YEM10	-	-	-	-	-
YEM2	2	-	-	-	-
YEM3	8	-	-	-	-
YEM7	5	-	-	-	-
YEM8	3	-	-	-	-
YEM9	30	1,200	40.00	-	-
YFN1	263	87,600	333.08	4,800	18.25

2009/10 Proposed Cost Recovery Levies by Fishstock (Non-Quota Species)					
FishStock	Estimated Catch (tonnes)	MFish Annual Levy (\$)	MFish Annual Levy(\$/tonne)	DoC Annual Levy (\$)	DoC Annual Levy(\$/tonne)
ALB	2,776	217,041	78.19	-	-
BSH	391	15,106	38.65	-	-
OCT	103	2,959	28.85	-	-
PTO	-	-	0	-	-
SKJ	9,710	240,508	24.77	-	-

Allocation of costs for aquaculture services	
MFish Levy per permit, lease, licence, or other authorisation	\$103.23

Appendix 5

Remaining Settlement Credits to be applied to the 2009/10 Cost Recovery Levies	
Fish stock	Settlement Allocation Remaining
ORH7A	(\$39,550.86)
SCA1	(\$187,409.65)
SPE1	(\$202.33)
SPE7	(\$1,605.91)

Residual Over recoveries to be applied to the 2009/10 Cost Recovery Levies	
Fish stock	Residual Over Recovery
ANC4	(\$91.10)
COC1A	(\$2,983.80)
PIL4	(\$67.31)
PPI1A	(\$12,983.19)