

**PROPOSED
FISHERIES SERVICES
FOR 2006/07**



MINISTRY OF FISHERIES
Te Tautiaki i nga tini a Tangaroa

DRAFT FOR CONSULTATION

Maximise the value New Zealanders obtain through the sustainable use of fishery resources and protection of the aquatic environment

January 2006

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THE OUTPUT PLAN FISHERIES SERVICES TO BE PROVIDED IN 2006 – 2007

Consultation on the provision of fisheries services

The Ministry of Fisheries undertakes several annual consultation processes with tangata whenua and other stakeholders on matters such as sustainability and management controls, stock assessment and the Statement of Intent. The process of consultation is to seek the views of iwi and hapū and other stakeholders on fisheries management issues, and to incorporate those views into the subsequent advice given to Ministers.

Conventions

Unless otherwise stated:

- all financial information is expressed in \$000s and on a GST-exclusive basis
- a variance calculation shown in brackets () signifies an increase in expenditure or a decrease in revenue.

Explanation of year-on-year changes

Specific changes, between the services proposed to be supplied in 2006/07 and those approved by the Minister of Fisheries to be supplied in 2005/06 and the costs of those services, are noted in the explanation for each service. Other changes relate to the ongoing effects of initiatives from the 2004 and 2005 Budgets.

Policy advice quality standards

The standards for policy advice are set out below:

- The aim or purpose is clearly stated and the advice addresses the issues or questions posed.
- The problem or issue to address is identified, including underlying causes, size and materiality
- The context for advice is set out including wider Government policy, relevant legislation and Ministry policy frameworks
- The assumptions behind the advice are explicit, and the argument is logical and supported by facts.
- The facts are accurate and all material facts are included.
- An adequate range of options has been presented and each has been assessed for benefits, costs and consequences to the Government and affected stakeholders.
- There is evidence of adequate consultation with interested parties, and possible objections to proposals/content are identified and considered.
- The format meets Cabinet Office requirements; the material is effectively, concisely and clearly presented, has short sentences in plain English and is free of grammatical or spelling errors.
- The product quality will be supported by a process that provides for circulation of drafts for critiquing by other government agencies, other affected stakeholders, and managerial and other internal peer review and checking procedures
- The problems of implementation, technical feasibility, timing or consistency with other policies/reports have been considered.

Statement of forecast service performance for departmental output expenses for the year ending 30 June 2007

Revision of Departmental Service Structure

There is one change in the Ministry's service structure for 2006/07 – "Cost recovery process managed" has been deleted. There are also changes in the performance expectations of most services. The revised expectations are noted within each of the services.

Departmental

Output Expenses

Services

Fisheries policy advice	New Zealand fisheries policy advice provided International fisheries policy advice provided Ministerial services provided
Fisheries information	Utilisation and sustainability of New Zealand's fisheries resources measured Biodiversity of New Zealand's marine environment measured Observer services provided
Fisheries operations	New Zealand fisheries utilisation and sustainability reported Deed of Settlement implemented Statutory decision processes administered Aquaculture permit applications processed Registry services managed Biosecurity advice provided Biodiversity advice provided
Fisheries compliance	Commercial fishing rules enforced Non-commercial fishing rules enforced New Zealand's international fishing rules enforced Poaching and black market activities deterred Prosecutions managed
Aquaculture settlement	Aquaculture settlement implemented

Fisheries Research

In previous years, the consultation process for fisheries research has been confined to research projects that could be accommodated within the proposed budget level. For 2006/07 the Ministry intends to consult on all its proposed fisheries research projects (the full list is contained in Appendix 1). The reason for this is to ensure that the Ministry can fully utilise the research budget and gain the best return on its investment in this area.

Stakeholders will note that there are tier 1 and tier 2 projects. The tier 1 projects are those that fall within the proposed funding levels. It is emphasised that projects outside the funding levels will only be undertaken where tier 1 projects are withdrawn/cancelled after consultation. It is further emphasised that cost recovery levies will only be applied to those projects that are actually undertaken. Thus any tier 2 project that remains outside the approved funding levels will also not be cost recovered.

2006/07 Departmental Output Expenses

For the 2006/07 financial year, the estimated costs of services to be provided by the Ministry are set out in the following table, along with the amounts estimated to be recovered from the commercial fishing industry through cost recovery levies and individual transaction charges.

Departmental Output Expense/Service	Full Cost	Industry Recovered		Net Crown Cost
		Levies	Transaction Charges	
Fisheries policy advice				
New Zealand fisheries policy advice provided	2,533	0	0	2,533
International fisheries policy advice provided	2,422	0	0	2,422
Ministerial services provided	716	0	0	716
Sub total	5,671	0	0	5,671
Fisheries information				
Utilisation and sustainability of New Zealand's fisheries resources measured	22,222	14,666	0	7,556
Biodiversity of New Zealand's marine environment estimated	2,302	0	0	2,302
Observer services provided	3,642	2,196	1,446	0
Sub total	28,166	16,862	1,446	9,858
Fisheries operations				
New Zealand fisheries utilisation and sustainability reported	8,590	0	0	8,590
Deed of Settlement implemented	5,386	0	0	5,386
Statutory decision processes administered	489	489	0	0
Aquaculture permit applications processed	818	0	400	418
Registry services managed	5,483	5,333	150	0
Biosecurity advice provided	358	0	0	358
Biodiversity advice provided	764	0	0	764
Sub total	21,888	5,822	550	15,516
Fisheries compliance				
Commercial fishing rules enforced	8,330	8,330	0	0
Non-commercial fishing rules enforced	6,088	0	0	6,088
New Zealand's international fishing rules enforced	558	0	0	558
Poaching and black market activities deterred	10,995	0	0	10,995
Prosecutions managed	3,580	0	0	3,580
Sub total	29,551	8,330	0	21,221
Aquaculture settlement				
Aquaculture settlement implemented	1,655	0	0	1,655
Sub total	1,655	0	0	1,655
Total departmental output expenses	86,931	31,014	1,996	53,921

DEPARTMENTAL OUTPUT EXPENSE - FISHERIES POLICY ADVICE

Description

This includes the services that ensure development and review of policy and legal frameworks to enable best value from the sustainable and efficient use of fisheries resources.

Objectives

- Provide and improve a conceptual framework for the sustainable and efficient use of fisheries resources.
- Participate in the development and review of international frameworks, and implement the decisions in a domestic context.
- Provide services to the Minister of Fisheries and Select Committees as required.

Financial performance

	2004/05 Actual	2005/06 SOI	2006/07 Plan	Change 05/06-06/07
Revenue				
Crown	4,130	5,293	5,620	327
Department	0	51	51	0
Other	0	102	0	(102)
Total revenue	4,130	5,446	5,671	225
Expenses				
New Zealand fisheries policy advice provided	2,512	2,578	2,533	45
International fisheries policy advice provided	440	1,908	2,422	(514)
Ministerial services provided	918	960	716	244
Total expenses	4,130	5,446	5,671	(225)

New Zealand fisheries policy advice provided

Explanation

This service provides advice on policy development aimed at:

- protecting the health of the aquatic environment
- enabling New Zealanders to get the best value from the sustainable and efficient use of fisheries resources
- ensuring the Crown delivers on its international obligations relating to fishing and those obligations arising from the Treaty of Waitangi (Fisheries Claims) Settlement Act
- achieving a credible fisheries management regime.

The work programme being undertaken by the Ministry's Fisheries Policy group over the next three years covers a range of policy development activities, in the following key areas:

Fisheries reform

Legislative and policy reforms to enhance the management of, and value obtained from, New Zealand fisheries, including:

i) Allocation and sector engagement

This work area includes reforms to improve the tools for intersectoral allocation and to improve Ministry engagement with fisheries stakeholders (especially non-commercial stakeholders and the public).

ii) Environmental performance

This work area includes reforms to enhance the environmental performance of the fisheries sector, including managing the impact of fishing on the environment and at-risk species, and managing the impact of other activities on fisheries resources and habitats.

iii) Adding value to fisheries sectors

This work area deals with reforms to add value to New Zealand's fisheries sectors, including tools to enable stakeholders to take responsible initiatives to add value and tools to ensure efficient delivery of services. Work in this area will contribute to the Government's Sustainable Development Programme of Action and the Growth and Innovation Framework.

Fisheries outcomes and monitoring

This work area deals with establishing fisheries outcomes, and monitoring and reporting on indicators of their achievement.

Marine sector policy development

This work area is to provide a contribution to legislative and policy reforms to improve the management of New Zealand's marine resources, including a significant contribution to the Oceans Policy. It involves leading and/or contributing to multi-departmental and whole-of-government initiatives.

Expected results

Quantity

The quantity and nature of advice and operational services will be supplied on the basis agreed (as amended from time to time) between the Minister of Fisheries (the Minister) and the Chief Executive of the Ministry for 2006/07. Reporting at agreed intervals during year will enable the Minister to assess actual performance in output delivery against those expectations.

Quality

All reports will comply with the Ministry's quality standards for analysis and advice outlined earlier in this document.

The Minister will be formally requested, at agreed intervals during the year, to indicate his or her level of satisfaction with the overall quality of the outputs produced based on these standards.

Timeliness

Timeframes will be agreed between the Minister and the Chief Executive of the Ministry for the financial year 2006/07 (amended as necessary by agreement during the year). Advice will be delivered within the agreed and/or statutory timeframes so that Ministers have sufficient time to consider the issues and take appropriate action.

Coverage

A comprehensive range of services will be provided as agreed with the Minister. These will include

- policy analysis and advice, and the provision of associated legislative advice
- advice on the implementation of Government policy
- the capacity to react quickly and provide support for the Minister in Cabinet Committees, including relevant briefings on significant issues and evaluation of policy initiatives with relevance to the Government's outcomes for fisheries management
- conducting consultation processes with sector stakeholders, government agencies and the public
- initial promulgation of government policy, where such communication is separate from ongoing implementation
- oral and written briefings and preparation of speech notes.

Cost

	2005/06	2006/07
Plan	2,578	2,533
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

International fisheries policy advice provided

Explanation

This service contributes to the development of bilateral, regional and multilateral frameworks for managing international fisheries, with the aim of:

- protecting the health of the aquatic environment
- enabling New Zealanders to get the best value from the sustainable and efficient use of fisheries resources
- strengthening governance arrangements for high seas fisheries
- facilitating sustainable economic growth through increased International Trade

The focus is the sustainable use of international fisheries resources through the establishment of robust management regimes. The Ministry works to promote and protect New Zealand's fisheries interests through:

- engagement and influence in international institutions (eg the fisheries committees or working groups of Asia Pacific Economic Cooperation (APEC), the United Nations Food and Agriculture Organisation (FAO), the United Nations (UN) and the Organisation for Economic Cooperation and Development (OECD)), to improve the sustainable use of fisheries resources.
- engagement and influence in regional fisheries management organisations (RFMOs) and arrangements to ensure the sustainable use of fisheries resources (eg the Commission for the Conservation of Southern Bluefin Tuna (CCSBT), the Western and Central Pacific Fisheries Commission (WCPFC), the Convention for the Conservation of Antarctic Marine Living Resources (CCAMLR) and the South Tasman Rise (STR));
- promotion of strong governance arrangements for the sustainable management of fisheries resources beyond the New Zealand Exclusive Economic Zone;
- participation in multilateral negotiations that set trade rules and input into the development of regional and bilateral trade agreements.

Expected results

Quality/Quantity/Timeliness

- 1 Multilateral negotiations, eg, FAO, UN, OECD, WTO
 - New Zealand objectives approved by Ministers prior to meetings.
 - New Zealand objectives delivered to the meeting and report provided to Ministers and appropriate Posts.

- 2 Regional Fisheries Management Organisations, eg CCSBT, WCPFC, CCAMLR
- New Zealand negotiating position approved prior to the meetings.
 - New Zealand's position delivered to the meeting and report provided to Ministers and appropriate Posts.
- 3 NZ membership maintained for RFMO's to ensure environmental sustainability and fisheries access for NZ industry
- Bilateral discussions undertaken.
 - Report prepared and provided to Ministers and appropriate Posts.

Cost

	2005/06	2006/07
Plan	1,908	2,422
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Ministerial services provided

Explanation

This service includes the drafting of reports and advice to Ministers and to Select and Cabinet Committees, replies to ministerial correspondence and responses to Parliamentary questions.

All government departments are required to provide services to the portfolio Minister(s) to enable them to carry out their statutory functions.

Expected results

Quality and timeliness

1	The percentage of ministerial drafts provided to the Minister without error where error could have been avoided will be	100%
2	The percentage of draft responses to Parliamentary questions provided for the Minister's signature without error where error could have been avoided will be	100%
3	Advice and reports to Select Committees and Cabinet Committees will be in accordance with prescribed requirements, error free and on time	100%
4	The percentage of draft ministerial replies completed within 15 working days of receipt unless specified as urgent will be not less than	95%
5	The percentage of urgent replies completed within 5 days	100%
6	The percentage of responses to oral Parliamentary questions delivered on time	100%
7	The percentage of responses to written Parliamentary questions delivered on time	100%

Cost

	2005/06	2006/07
Plan	960	716
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

DEPARTMENTAL OUTPUT EXPENSE - FISHERIES INFORMATION

Description

This departmental output expense covers research and other activities relating to gathering and analysing data about New Zealand's fisheries to support decisions about sustainable utilisation, and the provision of information on the biodiversity of New Zealand's marine environment. Research costs represent existing projects that have been consulted on in past years, and proposed new projects.

Objectives

Provide the information required to ensure the sustainable utilisation of New Zealand's fisheries resources, by scientifically evaluating:

- sustainable yields from, and status of, fisheries resources
- the effects of fishing on the aquatic environment, including on the viability of associated or dependent species, and on biological diversity
- alternative strategies for achieving the desired level of yield while avoiding, remedying or mitigating adverse effects of fishing on the aquatic environment
- analysis of relevant cultural factors that may need to be included in the management decision process
- the specific measures needed to implement the appropriate management strategy.

Financial performance

	2004/05 Actual	2005/06 SOI	2006/07 Plan	Change 05/06-06/07
Revenue				
Crown	26,709	28,182	26,618	(1,564)
Department	0	660	102	(558)
Other	605	800	1,446	646
Total revenue	27,314	29,642	28,166	(1,476)
Expenses				
Utilisation and sustainability of New Zealand's fisheries resources measured	22,887	23,419	22,222	1,197
Biodiversity of New Zealand's marine environment estimated	2,441	2,403	2,302	101
Observer services provided	1,986	3,820	3,642	178
Total expenses	27,314	29,642	28,166	1,476

Explanation of year-on-year changes

Utilisation and sustainability of New Zealand's fisheries resources measured

The Fisheries Research Services proposed for 2006/07 are the outcome of the research planning process carried out from August - November 2005.

While research on stock monitoring and assessment underpins the setting of sustainable catch limits within the QMS, the Ministry has increased efforts to address effects of fishing on the environment. The revised medium term research plan for the aquatic environment sets out a programme of research into the effects of fishing on marine ecosystems (including seamounts) and protected species (seabirds and marine mammals).

In addition there is a \$1million transfer from this output to output New Zealand fisheries utilisation and sustainability reported to underpin the development of fisheries plans.

Biodiversity of New Zealand's marine environment estimated

Biodiversity research will also play a lead role in providing information to improve understanding of fishing impacts on the environment. Biodiversity research will improve our knowledge of marine communities and of potential human impacts on those communities, and will contribute to improved policy to reduce or mitigate adverse impacts. The results of Ministry of Fisheries research will be integrated with results from other research to improve our understanding of the marine environment.

Observer services provided

The Observer delivery plan for 2006/07 is expected to deliver a total of around 7,300 observer days for the three clients of the service – the Ministry, the Department of Conservation and industry stakeholders.

Utilisation and sustainability of New Zealand's fisheries resources measured

Explanation

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

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

The Ministry contributes to the maintenance of sustainable fisheries in New Zealand through research designed to increase information on stock status levels, and add to the body of knowledge used to advise the Minister of Fisheries on appropriate utilisation for future years. Research is undertaken on individual fisheries at a frequency necessary to ensure the stock is not decreased through overfishing, thereby maintaining its value, and to enable the Ministry to maintain the currency of the information. This output also includes the costs associated with the capacity required to maintain the fisheries research programme.

The individual research projects proposed for consultation can be found on the Ministry website www.fish.govt.nz/current/soi-consultation/index.html. A list of the research projects is set out in Appendix 1.

Expected results

Quantity, quality, timeliness

- 1 The Ministry will manage a number of fisheries and biodiversity research projects that have been contracted out to external providers.
- 2 By 31 August 2006, produce medium term research plans in accordance with the defined quality standards.
- 3 By 31 December 2006, produce research proposals for 2006/07 in accordance with the defined quality standards.
- 4 By 30 November 2006, produce a report from the Mid-Year Fishery Assessment Plenary in accordance with the defined quality standards.
- 5 By 31 May 2007, produce a report from the Fishery Assessment Plenary in accordance with the quality standards.

Notes: The quality standards adopted for measures 2 and 3 above are those defined in the document 'Format and Content of Project Summaries and Medium Term Plans proposed by the Research Planning Group' dated 9 July 2001)

The quality standards adopted for measures 4 and 5 above are those defined in the Fisheries Research Services 2003/2004 Tender Document: Part II: A – Appendix II B, Form 2 and Appendix III B)

Cost

	2005/06	2006/07
Plan	23,419	22,222
Amount to be recovered from industry through levies	15,742	14,666
Percentage to be recovered from industry	67	66

Biodiversity of New Zealand's marine environment estimated

Explanation

In order to implement the New Zealand Biodiversity Strategy and support the environmental principles set out in section 9 of the Fisheries Act 1996, the Ministry needs to collect high quality baseline information. There is currently a lack of information in this area which limits our ability to meet the aims of:

- Protecting the richness and health of the marine biodiversity of New Zealand and the Ross Sea region
- Getting the best value from the marine biodiversity of New Zealand.

Expected results

- 1 By 31 October 2005, produce medium term research plans in accordance with the quality standards (*as defined in the document 'Format and Content of Project Summaries and Medium Term Plans proposed by the Research Planning Group' dated 9 July 2001*).
- 2 By 28 February 2006, produce research proposals for 2006/07 in accordance with the quality standards (*as defined in the document 'Format and Content of Project Summaries and Medium Term Plans proposed by the Research Planning Group' dated 9 July 2001*).

Cost

	2005/06	2006/07
Plan	2,403	2,302
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Observer services provided

Explanation

Observers provide an independent source for the collection of high quality information from fishing operations. This is a valuable input into the management of New Zealand's fisheries resources, particularly the setting of sustainability levels and management controls.

Observer services are also used by external agencies (eg the fishing industry and the Department of Conservation (DoC)) to gather specific information for those agencies and as an input into their management requirements. Provision of observer services is based on the Ministry's capacity to supply the requisite number of observers with the required skill levels to cover requests from internal and external sources.

Expected results

- 1 Information and/or data collected by observers throughout the year, in accordance with agreed client specifications.
- 2 Observer coverage delivered for an average cost not exceeding \$500 per day.
- 3 Observer coverage (sea days) delivered to within +/- 10% of the agreed annual plan at either a species level or fishing area(s)/method level, depending on client specification.
- 4 Clear and transparent processes are operated to identify variations to the observer annual plan, and communicate these changes to clients and stakeholders.
- 5 Effective processes are in place to implement any changes required to the plan through the course of the operating year.

Cost

	2005/06	2006/07
Plan	3,820	3,642
Amount to be recovered from industry through levies	3,820	2,196
Amount to be recovered from industry through transaction charges	0	1,446
Percentage to be recovered from industry	100	100

DEPARTMENTAL OUTPUT EXPENSE - FISHERIES OPERATIONS

Description

This provides for:

- the development of standards, guidelines, regulations, fisheries plans and processes that make the fisheries policy framework operational
- services to monitor the effectiveness of delivery of contracted and devolved registry services to ensure consistency and compliance with contracted or devolved standards
- the management and dissemination of information received from registry agencies for use by the Ministry in managing other output expenses
- a number of Ministry statutory decision processes
- a capacity to contribute to the formulation of strategic goals for the biosecurity system
- a capability to contribute to the New Zealand Biodiversity Strategy.

Objectives

- Allocate rights to utilise fisheries resources
- Develop fisheries plans to outline the Crown's contribution to achieving fisheries outcomes
- Evaluate fisheries plans in order to provide advice to the Minister
- Monitor the management of New Zealand fisheries
- Develop and implement standards for the management of fisheries resources
- Manage the cost recovery process
- Contribute to the advice on biosecurity issues in New Zealand
- Contribute to the New Zealand Biodiversity Strategy.

Financial performance

	2004/05 Actual	2005/06 SOI	2006/07 Plan	Change 05/06-06/07
Revenue				
Crown	18,032	17,787	20,958	3,171
Department	0	380	380	0
Other	1,668	1,065	550	(515)
Total revenue	19,700	19,232	21,888	2,656
Expenses				
New Zealand fisheries utilisation and sustainability reported	5,725	6,376	8,590	(2,214)
Deed of Settlement implemented	3,710	4,994	5,386	(392)
Cost recovery process managed	606	209	0	209
Statutory decision processes administered	2,110	1,428	489	939
Aquaculture permit applications processed	0	0	818	(818)
Registry services managed	6,732	5,173	5,483	(310)
Biosecurity advice provided	0	398	358	40
Biodiversity advice provided	0	654	764	(110)
Total expenses	19,700	19,232	21,888	(2,656)

Explanation of year on year changes

New Zealand fisheries utilisation and sustainability reported

There is a \$1million transfer from output “Utilisation and sustainability of New Zealand’s fisheries resources measured” to this output to underpin the development of fisheries plans.

In addition, there is an increasing level of effort being placed on advice on proposed aquaculture management areas and marine reserves.

New Zealand fisheries utilisation and sustainability reported

Explanation

This provides for fisheries management advice on utilisation and sustainability through:

- implementation and maintenance of the rights-based framework
- development and implementation of fisheries plans and standards
- advice on marine reserve applications
- advice on proposed aquaculture management areas
- implementation of regulatory amendments
- implementation of the Government's aquaculture reforms.

Expected results

- 1 Continue the development of fisheries plans based on agreed programme of work.
- 2 Evaluate and provide recommendations to the Minister on fisheries plans as required.
- 3 Standards and guidelines to support fisheries management will be developed as required, particularly to support the development of specific fisheries plans.
- 4 As and when required, concurrence reports on marine reserve applications will be provided to the Minister of Fisheries following receipt of a request by the Minister of Conservation:
 - within an agreed timeframe for each request
 - within the terms of the Marine Reserves Protocol.
- 5 As and when required, a reservation or determination is issued to the relevant Regional Council following receipt of advice from the Council that an aquaculture management area is proposed.
- 6 A final advice paper is provided to the Minister of Fisheries on the proposed sustainability measures and management controls to be implemented for the 1 October 2006 fishing year.
- 7 A final advice paper is provided to the Minister of Fisheries on the proposed sustainability measures and management controls to be implemented for the 1 April 2007 fishing year.
- 8 A final advice paper is provided to the Minister of Fisheries on setting out the TACs/TACCs for new species to be introduced into the QMS on April 2007.
- 9 A final advice paper is provided to the Minister of Fisheries on setting out the TACs/TACCs for new species to be introduced into the QMS on 1 October 2007.
- 10 An interim advice paper for consultation is provided to the Minister of Fisheries on the TACs/TACCs for new species to be introduced into the QMS on 1 April 2008.

Cost

	2005/06	2006/07
Plan	6,376	8,590
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Deed of Settlement implemented

Explanation

This provides for the delivery of many of the services needed to fulfil the Ministry's Treaty and Deed of Settlement obligations. It includes Pou Hononga, Extension and other resources to build and maintain relationships, develop capacity within tangata whenua to manage customary access and assistance with use of customary management tools.

Expected results

1 As required, and within allowable resources, provide timely advice on the implementation of the Fisheries (Kaimoana Customary Fishing) Regulations 1998 or the Fisheries (South Island Customary Fishing) Regulations 1999, including:

- appointment and training of Kaitiaki
 - establishment of mātaítai reserves
 - establishment of taiapure/local fisheries
 - other customary management proposals
2. Continue to establish and support 14 regional forums to engage with iwi and hapu.
3. Capacity to assist iwi and hapu to achieve their fisheries management objectives.

Cost

	2005/06	2006/07
Plan	4,994	5,386
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Statutory decision processes administered

Explanation

This output provides for fisheries management advice on:

- freshwater farm applications
- administration of existing marine and freshwater farm authorisations
- the issuing of special permits
- management of transitional aquaculture registrations under the Fisheries Act 1996.

Expected results

Quantity and timeliness

- 1 The Ministry will resolve all applications made under the Freshwater Fish Farming Regulations 1983, transitional issues and applications for fish farm registration under the Fisheries Act 1996 on a timely basis.
- 2 95% of applications for special permits will be determined within six months of the date of receipt of completed applications and to the following prescription:
 - appropriate consultation is carried out in accordance with section 97(2) of the Fisheries Act 1996 on each application, prior to a decision to approve or decline the application
 - the purpose for which a special permit is issued is consistent with those specified in section 97(1) of the Fisheries Act 1996
 - in compliance with the procedures in the *Special Permit Manual*.

Cost

	2005/06	2006/07
Plan	1,428	489
Amount to be recovered from industry	1,428	489
Percentage to be recovered from industry	100	100

Aquaculture permit applications processed

Explanation

This output provides for fisheries management advice on management of the backlog of permit applications under the Fisheries Act 1983.

Expected results

Quantity and timeliness

- 1 The Ministry will resolve all applications made under the Fisheries Act 1983 on a timely basis.

Cost

	2005/06	2006/07
Plan	0	818
Amount to be recovered from industry through transaction charges	0	400
Percentage to be recovered from industry	0	49

Registry services managed

Explanation

Accurate and timely registry information is collected under contract or by a devolved agency (including permit holder register, vessel registers, quota and ACE ownership, catch data) 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

Expected results

- 1 Within one month of the end of each quarter, produce quarterly reports for registry-based services, with actual performance compared against:
 - expectations as defined by the Minister of Fisheries in respect of services provided through the Approved Service Delivery Organisation
 - expectations as defined by the Chief Executive in respect of services delivered by the Service Delivery Agencyand in accordance with the Ministry's agreed monitoring programme.
- 2 By 1 October 2005, allocate quota for species declared by the Minister to be subject to the Quota Management System for 1 October 2005, the allocation to be made in accordance with Part IV of the Fisheries Act 1996, and within the quality and timeframes defined in the Ministry's Stock Allocation Policy in respect of that species and stock.
- 3 By 1 April 2006, allocate quota for species declared by the Minister to be subject to the Quota Management System for 1 April 2006, the allocation to be made in accordance with Part IV of the Fisheries Act 1996, and within the quality and timeframes defined in the Ministry's Stock Allocation Policy in respect of that species and stock.
- 4 Ensure sufficient progress is made to enable quota for species declared by the Minister to be subject to the Quota Management System for 1 October 2006, to be implemented by that date; the allocation shall be made in accordance with Part IV of the Fisheries Act 1996, and within the quality and timeframes defined in the Ministry's Stock Allocation Policy in respect of that species and stock.

Cost

	2005/06	2006/07
Plan	5,173	5,483
Amount to be recovered from industry through levies	5,173	5,333
Amount to be recovered from industry through transaction charges	0	150
Percentage to be recovered from industry	100	100

Biosecurity advice provided

Explanation

This output provides a capability for the Ministry to contribute to the formulation of strategic goals for the biosecurity system, monitor the performance of the system against specified outcomes and to provide advice on biosecurity risks to fisheries interests. The funding also enables the Ministry to provide specific management services to the Ministry of Agriculture and Forestry (MAF) following the transfer of marine biosecurity functions to MAF.

Expected results

- 1 As and when required, provide advice to Ministers on the fishing-related impacts of biosecurity decisions.
- 2 Contribute to the development of improvements to the biosecurity system.
- 3 Provide MAF with advice and support as required on relevant biosecurity issues.

Cost

	2005/06	2006/07
Plan	398	358
Amount to be recovered from Industry	0	0
Percentage to be recovered from industry	0	0

Biodiversity advice provided

Explanation

In the 2000 Budget, the Ministry was provided with additional funding to enable it to contribute to the New Zealand Biodiversity Strategy. The Strategy covers a broad range of activities across several departments. This output covers a range of work designed to improve understanding of marine biological diversity and improve the management tools by which it is protected.

Expected results

- 1 Provide relevant and timely advice to the Minister through briefings and policy on issues relating to various aspects for contributing to and implementing the New Zealand Biodiversity Strategy

Cost

	2005/06	2006/07
Plan	654	764
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

DEPARTMENTAL OUTPUT EXPENSE - FISHERIES COMPLIANCE

Description

This output class covers the outputs that promote compliance with fisheries laws and lead to detection of those involved in illegal fisheries activities.

Objectives

The objectives are:

1. Promoting voluntary compliance
2. Monitor fishing-related activities.
3. Detect non-compliance with fisheries policies.
4. Take enforcement steps where appropriate.
5. Collate and provide information on non-compliance to support policy and regulatory decision-making processes.
6. Provide recommendations for prosecution.
7. Successfully prosecute those who have offended against fisheries laws.

Financial performance

	2004/05 Actual	2005/06 SOI	2006/07 Plan	Change 05/06-06/07
Revenue				
Crown	25,256	29,461	29,270	(191)
Department	0	281	281	0
Other	83	0	0	0
Total revenue	25,339	29,742	29,551	(191)
Expenses				
Commercial fishing rules enforced	8,536	7,995	8,330	(335)
Customary fishing rules enforced	2,716	2,360	2,091]	2,246
Recreational fishing rules enforced	4,555	5,974	3,997]	
New Zealand's international fishing rules enforced	440	562	558	4
Poaching and black market activities deterred	5,256	9,078	10,995	(1,917)
Prosecutions managed	3,836	3,773	3,580	193
Total expenses	25,339	29,742	29,551	191

Explanation of year-on-year changes

Customary fishing rules enforced and Recreational fishing rules enforced

Now amalgamated into a new single output named Non-Commercial fishing rules enforced.

Poaching and black market activities deterred

This increase reflects the Minster's requirement for increased effort in the deterrence of poaching and black market activities, particularly in paua.

Commercial fishing rules enforced

Explanation

Under this Output the Ministry of Fisheries provides services to monitor, inspect and investigate commercial fishers to support the integrity of the Quota Management System.

Expected results

Quantity

The number of landings of fish observed will be in the range of	200-220
The number of vessels inspected will be in the range of	200-220
The number of Licensed Fish Receivers inspected will be in the range of	20-23
The estimated number of investigation cases commenced	10
The estimated number of investigation cases completed*	5
The number of Monthly Harvest Returns provided within 30 days after month end will be a minimum of	95% per month

Quality

Landings observed	90% achieved
Vessel inspections	90% achieved
LFR inspections	90% achieved
Investigations cases undertaken categorised as high and medium risk against the 'Risk Based Compliance Strategy'	Min 75%**
Investigations undertaken result in prosecution of identified offenders	Min 75%
Case management and legal review processes are in place to ensure prosecution decision making is consistent with Crown Law advice and Compliance Statement guidelines	100%
Cases investigated are finalised*** within 18 months of commencement	Min 80%

* The term *completed* indicates that the investigation file has been closed and all matters subsequent to prosecution have been dealt with in accordance with law and policy.

** The focus of the investigations group will be on serious offending and cases undertaken will be prioritised against the 'risk based compliance strategy', however, it is recognised that some work undertaken will be important and necessary for other reasons.

*** The term *finalised* indicates that a decision to prosecute has been made and informations have been laid. Alternatively, a decision has been made and documented to finalise the investigation by a means other than prosecution.

Cost

	2005/06	2006/07
Plan	7,995	8,330
Amount to be recovered from industry	7,995	8,330
Percentage to be recovered from industry	100	100

Non-commercial fishing rules enforced

Explanation

Services provided to educate, monitor, inspect and investigate recreational and customary fishers.

Expected results

Quantity

Intermediate School education programme	180-200 schools visited
Recreational patrols undertaken	700-780
Customary patrols undertaken	200-230
Kaitiaki training undertaken	90-100 Kaitiaki trained

Quality

Recreational patrols undertaken	90% achieved
Customary patrols undertaken	90% achieved

Cost

	2005/06	2006/07
Plan	8,334	6,088
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

New Zealand's international fishing rules enforced

Explanation

Under this Output the Ministry of Fisheries provides technical advice into fisheries frameworks, supporting New Zealand's obligations to the international Monitoring, Control and Surveillance ('MCS') Network and provides investigative responses to offending that impacts on New Zealand's international obligations.

Expected results

Quantity

Investigation cases commenced	2
Investigation cases completed*	1
Technical advice provided	100%

Quality

Cases undertaken categorised as high and medium risk against the Min 'Risk Based Compliance Strategy'.	50% **
Case management and legal review processes are in place to ensure prosecution decision making is consistent with Crown Law advice and Compliance Statement guidelines	100%
Cases investigated are finalised*** within 12 months of commencement	Min 50%
Technical advice is relevant, timely and accurate	100%

* The term *completed* indicates that the investigation file has been closed and all matters subsequent to prosecution have been dealt with in accordance with law and policy.

** The focus of the Investigations Group will be on serious offending and cases undertaken will be prioritised against the 'Risk Based Compliance Strategy', however, it is recognised that some work undertaken will be important and necessary for other reasons.

*** The term *finalised* indicates that a decision to prosecute has been made and informations have been laid. Alternatively, a decision has been made and documented to finalise the investigation by a means other than prosecution.

Cost

	2005/06	2006/07
Plan	562	558
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Poaching and black market activities deterred

Explanation

Under this Output the Ministry of Fisheries provides services to apprehend key offenders and disrupt the supply of poached or black-market seafood through effective monitoring, inspection and investigations so that fisheries resources are available for legitimate users.

Expected results

Quantity

Poaching and Black-market patrols undertaken	400-500
Investigation cases commenced	12
Investigation cases completed*	5

Quality

Cases undertaken categorised as high and medium risk against the 'Risk Based Compliance Strategy'.	Min 75%**
Investigations undertaken result in prosecution of identified offenders	Min 75%
Case management and legal review processes are in place to ensure prosecution decision making is consistent with Crown Law advice and Compliance Statement guidelines	100%
Cases investigated are finalised*** within 12 months of commencement	Min 80%

* The term *completed* indicates that the investigation file has been closed and all matters subsequent to prosecution have been dealt with in accordance with law and policy.

** The focus of the Investigations Group will be on serious offending and cases undertaken will be prioritised against the 'Risk Based Compliance Strategy', however, it is recognised that some work undertaken will be important and necessary for other reasons.

*** The term *finalised* indicates that a decision to prosecute has been made and informations have been laid. Alternatively, a decision has been made and documented to finalise the investigation by a means other than prosecution.

Cost

	2005/06	2006/07
Plan	9,078	10,995
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Prosecutions managed

Explanation

Under this Output the Ministry of Fisheries delivers services that relate to the prosecution of offences against fisheries laws.

Expected results

Timeliness

Prosecution cases are initiated within statutory timeframes 100%

Quality

Fisheries Act prosecutions successful Min 90%

Fisheries regulations prosecutions successful Min 75%

Prosecution cases meet prima facie requirements Min 95%

Cost

	2005/06	2006/07
Plan	3,773	3,580
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

DEPARTMENTAL OUTPUT EXPENSE – AQUACULTURE SETTLEMENT

Description

This departmental output expense provides for the implementation of the Maori Commercial Aquaculture Claims Settlement Act 2004.

Objectives

Administration of the legislated settlement in order to:

- ensure Crown obligations in relation to the settlement are met
- provide for the durability and integrity of the settlement
- protect the relationship between the Crown and Maori
- meet the principles of the Treaty of Waitangi.

Financial performance

	2004/05 Actual	2005/06 SOI	2006/07 Plan	Change 05/06-06/07
Revenue				
Crown	0	1,682	1,655	(27)
Department	0	0	0	0
Other	0	0	0	0
Total revenue	0	1,682	1,655	(27)
Expenses				
Implementation of aquaculture settlement	0	1,682	1,655	27
Total expenses	0	1,682	1,655	27

Explanation

The Maori Commercial Aquaculture Claims Settlement Act 2004 provides for a settlement of Maori interests in commercial aquaculture, including the provision of 20% of new space in aquaculture management areas and the provision of 20% equivalent of existing space allocated since September 1992. The Ministry of Fisheries is responsible for implementing the Crown's obligations in the settlement.

Expected results

Quality and timeliness

- 1 Maintain aquaculture settlement register.
- 2 Calculation of the space required in each region to meet the settlement obligation.
- 3 Provision of advice to Minister on the proportion of new space to be allocated to iwi within each region, and supporting the Order-in-Council process.

Cost

	2005/06	2006/07
Plan	1,682	1,655
Amount to be recovered from industry	0	0
Percentage to be recovered from industry	0	0

Revenue Profile (inclusive of Crown activities)

This shows the forecast revenue flows from external sources to the Ministry and the Crown for the years 2004/05 and 2005/06 and actual revenue flows in previous financial years.

Departmental charges

	2002/03	2003/04	2004/05	2005/06	2006/07	Change
	Actual			SOI	Plan	05/06-06/07
Transshipment and Observer charges	1,543	1,280	637	1,358	1,446	88
Boat registration and permit fees	274	166	180	150	150	0
Marine farming, licence fees, transfer and lease fees	566	515	1,260	915	400	(515)
Gain on sale of property, plant and equipment	85	29	0	0	0	0
Recovery of State Sector Retirement Savings Scheme costs	0	0	0	664	664	0
Provision of systems support to Maritime Safety Authority	0	0	0	102	0	(102)
Other	40	275	279	150	150	0
Total	2,508	2,265	2,356	3,339	2,810	(529)

Crown revenue

	2002/03	2003/04	2004/05	2005/06	2006/07	Change
	Actual			SOI	PLAN	05/06-06/07
Cost recovery levies						
- General	31,325	21,867	31,712	31,566	31,014	(552)
- Dept of Conservation	2,651	2,060	1,053	1,053	1,053	0
- Crown-owned quota	119	125	169	169	0	(169)
Deemed value charges	24,260	3,542	5,500	5,500	5,500	0
Surrendered and seized fish	0	0	50	0	0	0
Sale of quota shares and ACE	327	76	0	98	100	2
Foreign licence fees	0	0	300	0	0	0
Forfeitures and redemptions	1,335	1,058	500	500	500	0
Infringement notices	388	332	638	388	388	0
Interest	1,726	1,284	0	30	30	0
Other	443	931	0	0	0	0
TOTAL	62,574	31,275	39,922	39,304	38,585	(719)
TOTAL REVENUE DEPARTMENTAL AND CROWN	65,082	33,540	42,278	42,643	41,395	(1,248)

Statement of Forecast Expenditure by Departmental Output Expense

This table shows the forecast output expenses for the fiscal periods 2005/06 and 2006/07 and the actual expenditure in previous financial years.

	2002/03	2003/04	2004/05	2005/06	2006/07	Change 05/06-06/07
	Actual			SOI	Plan	
Fisheries policy advice	7,118	4,493	4,130	5,446	5,671	(225)
Fisheries information	25,121	22,604	27,314	29,642	28,166	1,476
Fisheries operations	14,960	16,992	19,700	19,232	21,888	(2,656)
Fisheries compliance	20,659	22,069	25,339	29,742	29,551	191
Marine biosecurity ¹	2,803	2,366	5,798	0	0	0
Aquaculture settlement ²	0	0	0	1,682	1,655	27
Total departmental output expenses	70,661	68,524	82,281	85,744	86,931	(1,187)

Notes:

1 The Ministry's marine biosecurity functions were transferred to the Ministry of Agriculture and Forestry with effect from 1 November 2004. The Ministry has retained an amount to enable it to provide policy advice on the fishing-related impacts of biosecurity decisions.

2 Aquaculture settlement is a new departmental output expense established to implement the provisions of the Maori Commercial Aquaculture Claims Settlement Act 2004.

Fiscal Trend of Services

The following table shows the trend of planned services over the past four years and those proposed for 2006/07. It represents the distribution between core departmental services and direct expenditure for research activities.

	2002/03	2003/04	2004/05	2005/06	2006/07
Core departmental services	45,465	49,855	60,507	64,923	68,059
Fisheries research	19,781	19,349	18,698	18,986	17,266
Biodiversity research	1,942	3,099	1,884	1,835	1,606
Biosecurity research	1,217	1,781	1,192	0	0
Total	68,405	74,084	82,281	85,744	86,931
Represented by					
Vote: Fisheries	65,943	71,135	76,483	85,744	86,931
Vote Biosecurity (Fisheries)	2,462	2,949	5,798	0	0

Industry Contributions

The following tables show the extent of industry contributions, including a share of Ministry overheads, to the cost of delivery of the Ministry's outputs. Table A relates to the planned industry contributions as determined through the SOI consultation process.

Table B details the amounts to be recovered annually for the period 2002/03 to 2004/05 as per the 1 April levy order. This is after the application of the adjustments for TAC/TACC changes, inclusion of revised or final contract prices for some research projects, deletion/withdrawal of other research projects, introduction of new species into the Quota Management System, and the application of adjustments for under and over recovery of previous years' cost recovery levies.

The 2005/06 figures represent those in the 1 October 2005 cost recovery levy order, while those for 2006/07 are based on the proposed fisheries services to be delivered in 2006/07. The services for 2006/07 are contained in this draft Statement of Intent and are subject to the subject to consultation prior to final decision by the Minister of Fisheries.

Stakeholders should note the following riders in respect of the 2005/06 and proposed 2006/07 services.

1 There is \$2.691 million still to be applied as settlement credit for fisheries services. Some portion of this will be used in determining the 2006/07 cost recovery levies. The remaining amount will be applied in future years.

2 Net under and over recovery of 2005/06 cost recovery levies cannot be determined until the audited results for the Ministry for the 2005/06 financial year are available.

Table A - Planned industry contributions from SOI

	2002/03	2003/04	2004/05	2005/06	2006/07
Core departmental services	16,465	16,844	17,008	15,993	16,348
Research	16,133	15,223	14,704	15,742	14,666
Planned cost recovery levies	32,598	32,067	31,712	31,735	31,014
Transaction charges	1,137	1,733	2,356	2,423	1,996
Total planned industry contributions	33,735	33,800	34,068	34,158	33,010
Contribution as % of Vote: Fisheries	51%	47%	45%	40%	38%

Table B - Actual charges

	2002/03	2003/04	2004/05	2005/06	2006/07
	April levy order			Oct levy order	Planned Oct
Levy order	32,012	22,891	31,220	31,735	31,014
Transaction charges	1,173	1,733	2,304	2,423	1,606
Planned contributions before adjustment	33,185	24,624	33,524	34,158	32,620
Net historic under and over settlement	0	(14,836)	(6,199)		*
Net prior year under and over recovery applied	0	(801)	108		**
Actual costs to be recovered	33,185	8,987	27,433		
Net industry contribution as % of Vote: Fisheries	50%	13%	36%		

PROPOSED FISHERIES RESEARCH PROJECTS FOR 2006/07

As noted earlier in this document, the Ministry will be consulting on the full list of proposed research projects for 2006/07.

In previous years we have only consulted on those projects that can be funded in the approved research budget. Stakeholders will be aware that the research budget is not capable of meeting all the research that groups would like to see undertaken. They would also be aware of projects that have been through the consultation process but which do not proceed further through lack of tenders or through tenders that are not considered acceptable.

Irrespective of the reasons, it has not been possible in previous years to utilise the full amount of the research budget, and the Ministry and stakeholders have been denied opportunities to improve the information available on specific fish stocks.

For 2006/07, the Ministry intends to consult on all proposed fisheries research projects that have come through the research planning process. The full list of these is set out below. Stakeholders will note that the list of projects is divided into tier 1 and tier 2.

Tier 1 projects are those that can be funded within the proposed budget levels. Tier 2 represents those that are unable to be funded, but which the research planning groups considered of a sufficiently high priority to be included in the fisheries services consultation process.

The Ministry wishes to emphasise that:

- projects will only be undertaken if they can be funded from the approved budget level
- any project(s) withdrawn from tier 1 will be replaced by other project(s) from tier 2 so that the total funding levels can be utilised
- cost recovery will only be levied on projects that are within the approved budget level (this will include any tier 2 projects that are substituted for those from tier 1 that are withdrawn)
- stakeholders will be advised throughout the year where the Ministry has replaced a tier 1 project with another from tier 2.
- the consultation process being undertaken on the fisheries services proposed in this document is the only consultation process that will be done for these services in 2006/07. The Ministry will not be reconsulting on any tier 2 projects that are substituted for any tier 1 projects.

Tier 1 Projects

ANTARCTIC FISHERIES

Code	Title	Priority
ANT2006/01	Biology of fishes in the toothfish fishery	High
ANT2006/02	Stock assessment for the toothfish fishery	High
ANT2006/03	Ecosystem modelling of the Ross Sea	High
OBS2006/01	Research Observer Services – Antarctic Fisheries	High

DEEPWATER FISHERIES

Code	Title	Priority
OEO2006/01	Estimation of the abundance of black oreo and smooth oreo in selected areas (BOE 3A)	High
OEO2006/02	Oreo stock assessment (Smooth oreo - OEO 4; OEO 1 Southland))	High
OEO2006/03	Ageing of SSO otoliths for stock assessment purposes	High
ORH2006/01A	Estimation of the abundance of orange roughy in selected areas (NECR)	High
ORH2006/01B	Estimation of the abundance of orange roughy in selected areas (MEC)	High
ORH2006/02	Orange roughy stock assessment (MEC, SCR, WCSI)	High
ORH2006/03	Stock assessment of orange roughy fisheries outside the New Zealand EEZ	High
DEE2006/03	Monitoring the abundance of deepwater sharks	High
OBS2006/02	Research Observer Services - Deepwater Fisheries	High

HOKI AND MIDDLE DEPTHS FISHERIES

Code	Title	Priority
HOK2006/01	Hoki population modelling and stock assessment	High
HOK2006/02	Estimation of hoki and middle depth fish abundance on the Chatham Rise using trawl surveys	High
HOK2006/03	Estimation of spawning hoki biomass using acoustic surveys	High
HOK2006/05	Hoki stock structure	High
HAK2006/01	Stock assessment of hake	High
LIN2006/01	Stock assessment of ling	High
MDT2006/01	Estimation of hoki and middle depth fish abundance on the Southern Plateau using trawl surveys	High
MID2006/01	Determination of catch at age in hoki, hake and ling fisheries	High
MID2006/02	Catch sampling and ageing of hoki and ling in the Cook Strait fishery	High
MID2006/04	Determination of commercial fishing gear and changes in commercial fishing gear in all middle depths fisheries	High
SBW2006/01	Stock assessment of southern blue whiting	High
SKI2006/01	Stock assessment of gemfish (SKI 1 and 2)	High
OBS2006/03	Research Observer Services - Middle Depths Fisheries	High

INSHORE FINFISH & EEL FISHERIES

Code	Title	Priority
EEL2006/01	Recruitment of freshwater eels	High
EEL2006/02	Commercial eel fishery CPUE analysis	High
FLA2006/01	Productivity of green back flounder	High
GMU2006/01	Relative abundance of grey mullet in GMU1	High
INT2006/01	Estimation of inshore fish abundance off the west coast South Island using trawl surveys	High
INT2006/02	Estimation of inshore fish abundance off the east coast South Island using Trawl Surveys	High
SCH2006/01	Relative abundance of school shark in SCH 1 and SCH 2	High

SNAPPER FISHERIES

Code	Title	Priority
SNA2006/01	Estimation of snapper year class strength in SNA 1	High
SNA2006/05	Estimation of snapper year class strength in SNA 7	High
SNA2006/06	Estimation of snapper year class strength in SNA 8	High
SNA2006/07	Determination of optimum frequency for market sampling	High

SHELLFISH FISHERIES

Code	Title	Priority
COC2006/01	Stock assessment Snake Bank cockles	High
OYS2006/01	Foveaux Strait oyster stock assessment	High
PAU2006/01	Paua commercial catch sampling	High
PAU2006/03	Paua 5B abundance and stock assessment	High
PAU2006/04	Fine scale growth in paua populations	High
SCA2006/01	Stock assessment Coromandel scallops	High
SCA2006/02	Stock assessment Northland scallops	High
SCI2006/01	Stock assessment of scampi	High
SCI2006/02	Estimating the abundance of scampi	High
OBS2006/04	Research Observer Services - Shellfish fisheries	High

NON - COMMERCIAL FISHERIES

Code	Title	Priority
AKI2006/01	Intertidal shellfish monitoring in the Auckland Fisheries Management Area	High
BCO2006/01	Abundance of blue cod in Marlborough Sounds	High
CUS2006/01	Monitoring customary fisheries resources in S186A closures	High
EEL2006/03	Spawning escapement of female longfinned eels	High
EEL2006/06	Taharoa Lakes customary eel fishery	High
EEL2006/07	Estimating the customary harvest of eels	High
PAU2006/06	Paua abundance in the East Otago taiapure	High
PAU2006/07	Paua and kina abundance in Tory channel	High
REC2006/01	Non-commercial shellfish harvesting in the Auckland Fisheries management Area	High
REC2006/03	Estimation of recreational snapper harvest in SNA 2	High
SCA2006/03	Scallop abundance in Northland and Coromandel recreational fishing areas	High
SNA2006/04	Selectivity of recreational catches in SNA 1	High
TOH2006/01	Distribution and abundance of toheroa on North Island beaches	High

PELAGIC FISHERIES

Code	Title	Priority
JMA2006/01	Multi-year monitoring of the species composition of the commercial catch of jack mackerel	High
KAH2006/01	Stock structure of kahawai	High
KAH2006/02	Stock monitoring of kahawai - recreational catches	High
PEL2006/01	Design of a multi-purpose aerial survey for pelagic fisheries	High
SHK2006/01	Characterisation of pelagic shark fisheries	High
STM2006/01	Multi-year stock monitoring of striped marlin including logbook programme implementation	High
STN2006/01	Catch at age of southern bluefin tuna	High
TAG2006/01	Management of data from the gamefish tag recapture programme	High
TAG2006/02	Determination of habitat preferences using electronic tagging data	High
TRE2006/01	Monitoring the length and age structure of commercial landings of trevally in TRE 1 and TRE 7	High
TUN2006/01	Commercial catch sampling programme for highly migratory species	High
TUN2006/02	Estimation of non-target fish catches in the tuna longline fishery	High
OBS2006/06	Research Observer Services - Pelagic Fisheries	High

ROCK LOBSTER FISHERIES

Code	Title	Priority
CRA2006/01	Stock assessment of rock lobster	High
CRA2006/02	Rock lobster recruitment	High

PROPOSED AQUATIC ENVIRONMENT PROJECTS FOR 2006/07

Code	Title	Priority
PRO2006/01	Data collection of demographic, distributional and trophic information on selected seabirds species to allow estimation of effects of fishing on population viability	High
PRO2006/02	Modelling the effects of fishing on population viability of selected seabirds	High
PRO2006/04	Estimation of the nature and extent of incidental captures of seabirds in NZ fisheries.	High
PRO2006/05	Estimation of the nature and extent of incidental captures of marine mammals in NZ fisheries.	High
PRO2006/07	Characterise non-commercial fisheries interactions with seabirds and marine mammals	High
ENV2006/01	Bycatch and discards in ling longline fisheries	High
IDG2006/01	Identification of commercial and non-commercial fish	High
BEN2006/01	Mapping the spatial and temporal extent of fishing in the EEZ	High
BEN2006/04	Identification of archived bycatch	High
GBD2006/01	DNA database for commercial marine fish and invertebrates	High
OBS2006/05	Research Observer days in the squid trawl fisheries	High

OTHER SERVICES

Code	Title	Priority
SAP2006/01	Stock assessment processes	High
IFA2006/01	Scientific support for international obligations related to fishing	High
IPA2006/01	Technical input to policy advice	High
SEC2006/01	Social, cultural and economic research	High
CUS2006/01	Customary Maori research	High
DAT2006/01	Research Data Management	High

Tier 2 Projects

ANTARCTIC FISHERIES

N/A

DEEPWATER FISHERIES

N/A

HOKI AND MIDDLE DEPTHS FISHERIES

Code	Title	Priority
MID2006/03	Characterisation and fishery monitoring of middle depth species	High

INSHORE FINFISH & EEL FISHERIES

Code	Title	Priority
FLA2006/02	Monitoring FLA 3	High
JDO2006/01	Monitoring JDO 2	Medium
GUR2006/01	Monitoring GUR 8	Medium
SCH2006/02	Movement of school shark	High

SNAPPER FISHERIES

N/A

SHELLFISH FISHERIES

Code	Title	Priority
PAU2006/02	Stock assessment PAU 2	Medium
SCI2006/03	Scampi biology and catchability	High

NON - COMMERCIAL FISHERIES

Code	Title	Priority
EEL2006/04	Motu River eel population survey	Medium
EEL2006/05	Turaekaetai River eel population survey	Medium
EEL2006/08	Ngai Tahu customary eel fisheries population monitoring	Medium
MUS2006/01	Mussel survey on Riverton Rocks and Kaitiki Beach	Medium
REC2006/02	Chatham Islands marine recreational fishing survey	Medium
REC2006/05	Taranaki recreational rock lobster survey	High
REC2006/06	Monitoring recreational fishing in Kaikoura and North Canterbury	Medium
REC2006/07	Motivation and perceptions of recreational fishers	High
TOH2006/03	Ageing toheroa	High
TOH2006/04	Toheroa abundance	High

PELAGIC FISHERIES

Code	Title	Priority
EMA2006/01	Commercial catch monitoring of blue mackerel	High
JMA2006/02	Stock structure of the native jack mackerel species	Medium
KIN2006/01	Stock monitoring of kingfish	High
KIN2006/02	Commercial handling mortality of kingfish	High
PEL2006/02	Bycatch of pelagic fish from other fisheries	Medium
TAG2006/03	Management of archival tag data	High

ROCK LOBSTER FISHERIES

N/A

PROPOSED AQUATIC ENVIRONMENT PROJECTS FOR 2006/07

Code	Title	Priority
PRO2006/03	Modelling of the effects of fishing on the population viability of selected marine mammals	High
PRO2006/06	Identification of marine mammals captured in NZ fisheries	High
ENV2006/02	Productivity of rattail species caught as bycatch	High
ENV2006/03	Bycatch and discards in squid trawl fisheries	Medium
BEN2006/02	Assessing the effects of fishing on soft sediment habitat, fauna, and processes.	High
BEN2006/03	Effects of fishing on seamounts, hills and knolls	High
BEN2006/05	Risk assessment framework for assessing fishing and other anthropogenic effects on coastal fisheries	High
BEN2006/06	Productivity of deepwater invertebrates	Medium
ENV2006/04	Ecosystem indicators for New Zealand fisheries	High
ENV2006/05	Climate and oceanographic trends relevant to New Zealand fisheries	High
ENV2006/06	Trends in relative mesopelagic biomass using time series of acoustic backscatter data from trawl surveys	High
ENV2006/07	Cumulative and historical effects of fishing on New Zealand ecosystems	Medium
HAB2006/01	Biogenic habitats as areas of particular significance for fisheries management	High
HAB2006/02	Rhodolith beds as habitats of significance for fisheries management	Medium