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 $\label{lem:condition} Includes~7~reports~in~full~as~well~as~bibliographical~references~for~all~reports~listed.$ 

Reports in full: Surveying and monitoring of black petrels on Great Barrier Island 1999/2000 / Elizabeth A. Bell and Joanna L. Sim. - Reactions of Hector's dolphins to acoustic gillnet pingers / Gregory S. Stone ... [et al.]. - Estimation of the Hector's dolphin bycatch from the inshore fisheries, 1997/98 / S.J. Baird and E. Bradford. - Surveying and monitoring of black petrels on Great Barrier Island 1998/99 / Elizabeth A. Bell and Joanna L. Sim. - Line-transect survey of Hector's dolphin abundance between Motunau and Timaru / Stephen Dawson ... [et al.]. - Inshore Fishery Observer Programme for Hector's dolphins in Pegasus Bay, Canterbury Bight, 1997/98 / Paul Starr and Adam Langley.

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1. Fisheries–Research–New Zealand. 2. Sea birds–New Zealand. I.New Zealand. Dept. of Conservation.

# Conservation services

#### INTRODUCTION<sup>1</sup>

Part XIV of the Fisheries Act 1996 deals with cost recovery issues. Under section 262 the Crown can impose levies to recovery costs in respect of the provision of conservation services. These services are defined in the Act as being:

"Outputs produced by the Minister of Conservation or the Director-General of Conservation that enables [them] to perform their statutory powers, duties and functions related to the adverse effects of commercial fishing on protected species, including –

- (a) research relating to such effects on protected species; and
- (b)research on measures to mitigate the adverse effects of commercial fishing on protected species; and
- (c) the development of population management plans under the Marine Mammals Protection Act 1978 and the Wildlife Act 1953."

The Fisheries (Crown Contribution) Order 1999 which is made under section 265 of the Fisheries Act 1996 requires the Crown to bear the costs of conservation services to the extent set out in the Schedule to that Order. As such they are a form of exception to section 262. The Schedule to the Order includes the research costs to be borne by the Crown relating to protected species population research:

- (a) where the risk to those populations by human intervention has been estimated. This requires estimating the total risk of human intervention on the population, subtracting the estimate of the risk to populations posed by commercial fishing in the Economic Exclusive Zone of New Zealand and dividing the result by the estimated total risk; and
- (b)where the risk to those populations by human intervention has not been estimated. In these circumstances the Crown's share of the costs is fixed at 50%.

These new rules have been reflected in this document.

The Department of Conservation has implemented projects through conservation services levies (CSL) in the following major areas:

- 1. Observer coverage targeted at marine mammal and seabird bycatch and selected fisheries;
- 2. Analysis and estimation of bycatch data for marine mammals and seabirds;
- 3. Research and development of mitigation measures;
- 4. Carcass retrieval and autopsy;
- 5. Monitoring of certain populations of protected species taken as bycatch.

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From: Conservation Services Plan 2000/2001, as approved by the Minister of Conservation, 28 August 2000. Department of Conservation, Wellington. 34 p.

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**Reactions of Hector's dolphins to acoustic gillnet pingers**. Stone, G.S.; Cavagnaro, L.; Hutt, A.; Kraus, S.; Baldwin, K.; Brown, J. 2000. 29 p.

Estimation of Hector's dolphin bycatch from inshore fisheries, 1887/98 fishing year. Baird, S.J.; Bradford, E. 2000. 20 p.

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Line-transect survey of Hector's dolphin abundance between Motunau and Timaru. Dawson, S.; DuFresne, S.; Slooten, E.; Wade, P. 2000. 17 p.

Inshore Fishery Observer Programme for Hector's dolphins in Pegasus Bay, Canterbury Bight, 1997/98. Starr, P.; Langley, A. 2000. 28 p.