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certification for the marine environment

**At-Sea Processors Association
Bering Sea and Aleutian Islands Pollock Fishery
Gulf of Alaska Pollock Fishery**

**MSC Certification – Surveillance
Certification Body: Moody Marine Ltd**

ADVISORY AND CALL FOR COMMENT

Following certification of these fisheries, each now enters into a series of surveillance audits over the 5 year lifetime of the certificate. These ongoing surveillance audits are being undertaken by Moody Marine Ltd.

Surveillance audits are undertaken principally in order to:

- a) ensure compliance with stipulated Conditions of Certification (i.e. fulfilment of the Action Plans to meet conditions)
- b) monitor the ongoing management and science relating to the fishery, particularly the effects of any changes in these.

During the surveillance programme, stakeholders are welcome to provide any information to Moody Marine that has a bearing on the science base or management of one or both of these fisheries.

Nominations for Assessment Team membership

As the MSC certification programme for these fisheries now shifts from the initial assessment to ongoing surveillance, it is considered appropriate to assemble a team with a greater emphasis on the current knowledge and local context of the fisheries. The combined expertise of the team shall, of course, also cover each element of the MSC Principles and Criteria.

Nominees for surveillance team membership are listed below. One team member will be selected to cover each of the MSC Principles. However, team members would cover various aspects of the ongoing assessments in relation to their experience and expertise.

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Ray Hilborn. Ray Hilborn is a Richard C. and Lois M. Worthington Professor of Fisheries Management in the School of Aquatic and Fishery Sciences, University of Washington specializing in natural resource management and conservation. He was a scientific advisor to the Presidents Commission on Ocean Policy, served on the Ocean Studies Board of the National Research Council and at present serves as an advisor to the Commission for the Conservation of Southern Bluefin Tuna. Significant areas of current and past research interest include the biocomplexity of coupled natural human systems in Bristol Bay Alaska and the California coastal fisheries, Bayesian analysis of decision making in natural resources, the role of hatcheries in management of Pacific salmon, the ability of institutions to learn from experience, statistical methods in testing dynamic ecological hypotheses, the analysis of migration and dispersal from mark-recapture data, and the ecological dynamics of fishing fleets.

Paul Medley. Paul is an independent fisheries consultant, based in the UK. His expertise includes mathematical modelling of fisheries and ecological systems, techniques for multi-species stock assessment and external review of stock assessment methodologies. He has been an invited expert for a number of stock assessment working group meetings. This includes addressing wider environmental issues of ecological management, including maintenance of marine biodiversity. Paul has also been part of the assessment team for the South Georgia Patagonian Toothfish fishery and Peer Reviewer of the North Sea Herring, Hastings Fleet and Thames Herring fisheries. He has also been invited by the MSC to lead a study into certification of small-scale fisheries.

Don Bowen. Don is a Research Scientist with the Canadian Department of Fisheries and Oceans based at the Bedford Institute of Oceanography, Nova Scotia. His current research is on the population dynamics, foraging ecology, and ecological energetics of pinnipeds with the dual objectives of understanding the diversity of pinniped life histories and the nature of competitive interactions between seals and commercial fisheries. Previously he was Division Chief with the Marine Fish Division, Bedford Institute of Oceanography, responsible for scientific programs associated with the provision of biological advice on commercial fish and marine mammal populations on the Scotian Shelf.

Sara Iverson. Sara is a Professor within the Department of Biology, Dalhousie University, Nova Scotia. Her research interests include applied issues in the ecology, conservation and management of marine mammals, seabirds and fishes. This has included Body composition and blubber fatty acids in juvenile Steller sea lions; nutritional significance of ephemeral high-quality foraging opportunities for Steller sea lions; Steller sea lion diet quantification studies; seasonal foraging strategies and consequences for northern fur seals and feeding ecology of seabirds in the North Water Polynya (northern Baffin Bay) and the Bering Sea. Her committee membership has included the Steller Sea Lion Research and Recovery Team Peer Review Panel.

Alan Springer. Alan is a Research Associate Professor at the Institute of Marine Science, University of Alaska Fairbanks. Recent research interests include the distribution of age-1 and age-2 walleye pollock in the Gulf of Alaska and eastern Bering Sea and sources of variation and implications for higher trophic levels; marine birds and mammals of the Pacific subarctic gyres; the role of predators in ecological communities and advection, pelagic food webs and the biogeography of seabirds in Beringia. His recent appointments include the ARC Coastal Ecosystems Scoping

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Workshop; advisor to World Wildlife Fund for the Bering Sea Ecoregion Program; the Steller Eider Recovery Team; Board of Scientific Advisors to the Alaska Audubon Society and the Steller Sea Lion Recovery Team.

Robert Trumble. Dr. Trumble, a marine scientist for 35 years, has wide-ranging experience in marine fish science and management, fishery habitat protection, and oceanography. Dr. Trumble served 14 years as Senior Biologist of the International Pacific Halibut Commission in Seattle, Washington, 10 years as a Resource Manager for the Washington Department of Fisheries (now named the Washington Department of Fish and Wildlife) in Seattle, Washington, and six years with the US Naval Oceanographic Office in Washington, D.C. Dr. Trumble has written Environmental Impact Statements and Environmental Assessments with the North Pacific, Gulf of Mexico, and Caribbean Fishery Management Councils, developed and reviewed fishery management plans and habitat management plans, developed plans for estimating and controlling bycatch of Pacific halibut by groundfish fisheries, and researched basic fish biology as it affects fisheries. Dr. Trumble has extensive experience working with government agencies, commercial and recreational fisheries groups, and national and international advisory groups.

Susan Hanna. Susan is a Professor within the Department of Agricultural and Resource Economics, Oregon State University. Her principal research interests are marine economics and policy, application of incentive-based approaches to fishery management; institutional evolution in U.S. fisheries management, economics of ecosystem-based fishery management, economics of property rights and the economic history of New England and Pacific fisheries. Other recent professional activities include membership of the U.S. Commission on Ocean Policy Science Advisory Panel; National Oceanic and Atmospheric Administration Science Advisory Board; Pacific Fishery Management Council Scientific and Statistical Committee; National Marine Fisheries Service Independent Science Advisory Board and the National Oceanic and Atmospheric Administration Marine Fisheries Advisory Committee

Beth Bryant. Beth is a Research Associate at the School of Marine Affairs, University of Washington, Seattle. Prior to this, she was Judicial Clerk at the Washington State Court of Appeals. Her research interests include the use of science in fisheries management; the relationships between science and law in fishery management, particularly in relation to the Steller sea lion issues and the relationships between law and science and the effects on fishery scientists.

Jake Rice. Jake is based at the Canadian Stock Assessment Secretariat, Department of Fisheries and Oceans, Canada, where he is responsible for coordinating all national and regional processes for peer review and provision of scientific advice on fisheries and marine science issues. The job includes integrating traditional knowledge with scientific results (and fishers with scientists at peer review meetings), thereby ensuring all review processes are open and transparent to all clients, while maintaining highest standards for objectivity and scientific quality. He is responsible for organising and chairing review meetings and workshops on trans-regional topics, chairing many national working groups, and serving as Headquarters liaison for many Regional science review and advisory groups. Jake also represents Canada at many international fisheries science bodies. He retains some research activities of international stature, particularly in the areas of ecosystem management and the effects of fishing on marine ecosystems. He has

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also taken part in the MSC assessment of the South Georgia Patagonian Toothfish fishery and was part of the MSC Objections Panel for the New Zealand Hoki fishery.

All stakeholders are now invited to provide any comments on the appropriateness of any of the nominees. We would, however, ask for any comments by the **22 July 2005** prior to continuing the surveillance process. These should be sent to Andrew Hough at:

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