

# HOKI (Macruronus magellanicus) Industrial Bottom & Semipelagic Trawl Net Fishery in the Argentine Sea

## MSC Certification Certification Body: Organización Internacional Agropecuaria (OIA)

#### Notification of Proposed Peer Reviewers

Potential Peer Reviewers for reports on the Hoki Fishery have been proposed. They have been approached on the basis of their experience of one or more of the following: the fishery under assessment, fishery management, stock assessment issues and relevant ecosystem interactions.

The names and brief details of each reviewer are provided below. All stakeholders (including the applicant fishery) are now given the opportunity to submit written comments and/or objections to the scientists nominated as potential peer reviewers. Any specific objections should be supported with an explanation of the reason for the objection.

Comments should be sent to Dr. Leszek Bruno Prenski, before April 30<sup>th</sup>, 2011, Organización Internacional Agropecuaria as follows:

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### **Dr. SARA ADLERSTEIN**

With nearly 30 years experience in marine fisheries and ecological research, this current Assistant Research Scientist at University of Michigan, has performed as a Fisheries Biologist in many first-level Institutions, such as the Institute of Natural Resources (IREN) and Subsecretariat of Fishery (Santiago, Chile), Seafloor Surveys International (Seattle, USA), Inst. für Hydrobiologie und Fishereiwissenschaft (Universität Hamburg, Germany), International Pacific Halibut Commission (Seattle, WA), University of Washington Fisheries Research Institute (USA), the European Commission (Brussels) and the Marine Stewardship Council.

Her master thesis dissertation (1979, Universidad de Concepción, Chile), focused in the Phytoplankton of the Maule River Basin, and for several years she has also taught in courses about "Sustainable Energy Development in South America" and Workshops on "the use of GLM for analysis of pelagic fishery data. IFOP".

She has been awarded by the "Tinker Foundation Fellowship" (1981), "Overseas Fisheries Organization Foundation (Japan) Fellowship" (1981), "Fisheries Memorial Scholarship, College of Ocean and Fishery Science" (1987, U. of Washington), and "International Women's Fishing Association Scholarship Trust" (1987), among others.

She has worked as a Fisheries Consultant for the Institute of Natural Resources (IREN) in the project "Flora and Fauna of Chile. Assessment of Chilean freshwater phanerophytes and phytoplankton and their economic potential"; also for the Seafloor Surveys International (Seattle) in the "Use of fishery information to help selecting location of underwater cables", and has been a Participant in the ICES 1991 (Stomach Sampling Database Working Group, Ijmuiden), ICES 1997 (Multispecies Assessment Working Group, Copenhagen), ICES 1999 (Study Group to Evaluate Effects of Multispecies Interactions, Lowestoft), ICES 2001 (Working Group of the International Bottom Trawl Surveys, Dublin).

During 1998, 1999 and 2003 she performed the duty of an Independent expert for the European Commission, in Brussels.

From 2004 up to date, Dr Adlerstein has been working as an Independent evaluator to the Marine Stewardship Council Fisheries Assessment reports.

Some of her multiple publications include "Biological basis for management of commercial fishery resources of Eastern Bering Sea" (1988); Importance of environmental fluctuations in the management of Pacific hake (*Merluccius productus*)" (1989), "Pacific halibut bycatch in Pacific cod fisheries in the Bering Sea: an analysis to evaluate area-time management" (1998), "Application of generalized linear modeling to catch rate analysis of western Mediterranean fisheries: the Castellón fleet as a case study" (1999), "Allocation of survey effort between small and large scale and precision of fisheries survey-based abundance estimates" (2001), "Quality Data vs. Analysis? Abundance Indices From a Mediterranean Trawl Fishery As Case Study" (2008), among many others.

### **Dr. ADAM LANGLEY**

More than 20years of experience as a Fisheries Scientist, with emphasis in commercial hoki fisheries, majoring in Zoology and Topics in Statistical Inference – Quantitative Fisheries Modeling-, and multiple publications, gives Dr. Langley an excellent understanding of fish research survey techniques, including trawl surveys, acoustic surveys, and egg production surveys, catch sampling and tagging programmes.

His experience with the Hoki Group started in 1989, as a Fisheries Technician from MAF Fisheries Research Centre (Wellington), being responsible for the analysis of CPUE and catch sampling data from the commercial hoki fisheries. Later, he worked at the National Fisheries Assessments, National Institute of Water and Atmospheric Research Ltd (NIWA) and Sanford Limited, undertaking stock assessments, sustainable yield determinations, and monitoring of priority fish stocks in the Auckland Fishery Management Area.

For over the last 15 years has been developing his career as a Fisheries Scientist, providing advice concerning fisheries stock assessment, legislation, and research and participating in National Fisheries Research Planning Groups and Stock Assessment Working Groups, including Inshore, Pelagic, Hoki, Snapper, Middle Depths, and Deepwater. He has also been a Member of the Namibian Deepwater Working Group and been responsible for the monitoring performance of the Company inshore and deepwater fishing vessels, including catch sampling of important inshore and pelagic fisheries and analysis of catch and effort data, and participation to regional fisheries management issues, including membership of fisheries liaison committees.

During 1998-2002, Dr. Langley has been working as consulting fisheries scientist, and was involved in the planning and review of assessments for a wide range of fish stocks and the provision of stock assessment advice, research services, and fisheries management advice. Other responsibilities included the analysis of catch and effort data from important commercial fisheries, principally hoki, orange roughy, ling, and squid; the management of catch sampling programmes in the trevally purse seine and trawl fisheries, and the characterisation of the alfonsino (BYX 3), barracouta (BAR 1), TRE7 commercial fishery, and data from a number of small bycatch fisheries, in particular ELE 3, ELE 5, GUR 3, and STA 3.

He also worked as a Principal Fisheries Scientist (National Fisheries Assessments), in the Secretariat of the Pacific Community, New Caledonia, up to April 2008, undertaking regional stock assessments of tuna and billfish species exploited in the western and central Pacific Ocean and providing national advice to SPC member countries regarding the management of the tuna resources in the region.

From 2008 to current date, Dr Langley has been a free-lance Consulting Fisheries Scientist, including as recent clients the Secretariat of the Pacific Community (SPC), Forum Fisheries Agency (FFA), Indian Ocean Tuna Commission (IOTC), Ministry of Fisheries (New Zealand), New Zealand Seafood Industry Council (SeaFIC) and the Deepwater Group (New Zealand). His scientific services include tuna stock assessment (using MULTIFAN-CL and Stock Synthesis), analysis of management options for western and central Pacific tuna fisheries, and general scientific advice.