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ADVISORY – PROPOSED ASSESSMENT TEAM

Russian Pollock Commercial Fisheries Full MSC Assessment

TAVEL Certification Inc. proposes that the full assessment team for the walleye pollock (*Theragra chalcogramma*) mid-water trawl fisheries conducted in the Russian Federation EEZ (West Bering Sea and Sea of Okhotsk) will consist of a minimum of one Expert Assessor for each MSC Principle selected from the list below. Biographies for proposed assessors are found below. TAVEL Certification is seeking stakeholder feedback on the appropriateness of proposed team candidates. Curriculum vitae for these individuals are available from TAVEL Certification for review, upon request.

Forward all feedback on the proposed candidates to Steve Devitt of TAVEL Certification by December 19, 2008. The final assessment team composition will be determined by TAVEL on December 31, 2008. Additional inquiries about the certification process and participation as a stakeholder may be sent to TAVEL Certification Inc at the following contacts:

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Proposed MSC Principle of Expertise			Name	Association
1	2	3		
X		X	Annala, John	Gulf of Maine Research Institute
X			Balykin, Pavel	Southern Scientific Center of the Russian Academy of Sciences
X			Butterworth, Douglas	University of Cape Town, South Africa
X			Bulatov, Oleg	Russian Federal Research Institute of Fishery and Oceanography (VNIRO)
X			Glubokov, Alexander	Russian Federal Research Institute of Fishery and Oceanography (VNIRO)
X	X		Lajus, Dmitry	St. Petersburg State University
X			Mangel, Marc	University of California
X			Powers, Joe	Louisiana State University
X			Starr, Paul	Independent Consultant, Canada
X			Sullivan, Patrick	Cornell University
X			Wespestad, Vidar	Independent Consultant
	X	X	Dichmont, Cathy	CSIRO Marine & Atmospheric Research
	X	X	Fletcher, Warrick (Rick)	Department of Fisheries, Australia
	X		Furness, Robert	University of Glasgow
	X		Springer, Alan	University of Alaska
	X		Japp, Dave	Fisheries & Oceanographic Support Services, and CapFish
	X		Mahon, Robin	Centre for Resource Management and Environmental Studies (CERMES), University of West Indies
		X	Rivard, Denis	Independent Consultant, Canada
		X	Shotton, Ross	Southern Indian Ocean Deep-sea Fishers Association
		X	Honneland, Geir	Fridtjof Nansen Institute, Norway
		X	Stokes, Kevin	New Zealand Seafood Industry Council

Principle 1 – Stock Health Team Candidates

John Annala, Ph.D. – John Annala received his B.Sc from the University of Maine in 1968 and his Ph.D in Zoology from the University of New Hampshire in 1974. For nearly 30 years, he was involved in fisheries research and management both in inshore fisheries for fish and shellfish and in deepwater fisheries in New Zealand. From 1995 to 2004 Mr. Annala was the Chief Scientist for the NZ Ministry of Fisheries with responsibility for all the fisheries research and stock assessment processes of the Ministry. He also headed the Ministry's Fisheries Management and Policy Team for part of that time. John Annala lead or participated in NZ delegations to scientific meetings of a number of international fisheries commissions, to meetings to negotiate international fisheries conventions, and to conferences and technical consultations run by FAO, CITES, and APEC. Since 1997 he has chaired the scientific meetings of the Commission for the Conservation of Southern Bluefin Tuna. Mr. Annala assumed the role of Chief Scientific Officer of the Gulf of Maine Research Institute in Portland, Maine in September 2004.

Douglas Butterworth, Ph.D. – Mr. Butterworth attained a M.Sc from the University of Cape Town, and later received his Ph.D at the University of London. Mr. Butterworth is an acknowledged world leader in the field of scientific fishery assessment, modelling and management. Douglas Butterworth is a professor of Applied Mathematics at the University of Cape Town (UCT), where his teaching interests are in Biomathematics and Environmental Modelling. The nature of his research is deliberately applied, and is largely motivated by the need to provide sound scientific advice in relation to pressing current issues in the area of fisheries management.

Mr. Butterworth's primary contribution has been towards developing the "Management Procedure" approach to regulate fisheries. This provides a structured basis to take proper account of uncertainties in implementing the Precautionary Principle advocated by the 1992 UN Conference on Environment and Development in Rio. Through the development of mathematical and statistical techniques, Mr. Butterworth has provided the scientific basis for decision-making in the management of all the major South African marine resources. In addition he has provided advice on fisheries in twelve other countries, and participated in the scientific committees of seven Regional Fisheries Management Organisations as well as those of the UN's Food and Agriculture Organisation and the Convention for International Trade in Endangered Species. His work spans almost the complete range of living marine resources, ranging from the largest in whales, seals and tuna to the smallest in anchovy and Antarctic krill.

Alexander Glubokov, Ph.D. – Dr. Glubokov graduated Chair of Ichthyology of Moscow State University in 1980, received his PhD in 1989 and DrSci in 2005. At the DrSci level he completed a study on the Northern Bering sea walleye pollock (*Theragra chalcogramma*) biology and population structure.

Since 1980, Dr. Glubokov has worked with the Russian Federal Research Institute of Fisheries and Oceanography (VNIRO), where since 2001 he has been the Chief of the Department of International Legal and Biological Foundation. Mr. Glubokov has been a member of the Russian Hydrobiological Society of Russian Academy of Science since 1987 and Society "Reproductive Biology in Aquaculture" (Utrecht, Netherlands) since 1990. Alexander has participated in international cruises/surveys for the exploration of living marine resources in the South-East

Pacific, North Pacific and has lead international research programs and cruises in Morocco and Mauritanian EEZs and the high seas of the South Pacific. Dr. Glubokov has participated in numerous international organizations and commissions, including: the United Nations open-ended informal consultative process on oceans and the Law of the Sea on the topic “Marine genetic resources” as head of the Russian delegation, Bilateral intergovernmental fisheries Commission with the USA, Morocco, Nicaragua and Guinea Bissau; the Convention of Central Bering Sea pollock, PICES establishing South Pacific and North West Pacific RFMOs, and the Russian Marine Board under Government of Russian Federation.

Marc Mangel, Ph.D. - Dr. Mangel received his B.Sc. in Physics and M.Sc. in Biophysics from the University of Illinois in 1971 and 1972 respectively. In 1978 Mr. Mangel received his Ph.D. in Applied Mathematics and Statistics from the University of British Columbia. Dr. Mangel has worked for a variety of organizations including the Center for Naval Analyses, the University of California Davis and the University of California Santa Cruz. Since 1996, Dr. Mangel has held several positions at the University of California Santa Cruz; Professor in the Department of Applied Mathematics and Statistics and Fellow of Stevenson College; Associate Vice Chancellor, Planning and Programs and has directed the Geographic Information Systems Laboratory. In 2002, he was appointed as Director of the Center for Stock Assessment Research, a partnership between UCS and the Santa Cruz Laboratory of the National Marine Fisheries Service. In addition, Dr. Mangel has held numerous visiting positions, editorial appointments and served on several federal and international panels, earning several awards over the course of his career.

Dr. Mangel’s research program in mathematical and theoretical biology, focuses on ecology, evolution and behavior and the broad goal of combining first-rate basic science with important applied questions. Work in the group includes evolutionary ecology of growth, aging and longevity, quantitative issues in fisheries management, the population biology of disease and the evolutionary ecology of stem cells and their niches.

For more information: <http://www.soe.ucsc.edu/~msmangel/bio.html>.

Joseph E. Powers, Ph.D. – Dr. Powers currently serves as a Professor of Marine Resource Assessment in the School of the Coast and Environment, Louisiana State University. Previously he served as Senior Stock Assessment Scientist of the Southeast Fisheries Science Center, overseeing and conducting assessments for all regional assessments including red snapper, king mackerel and sharks. He also served as the senior US fisheries manager for the Southeast Region of the US. Dr. Powers has had extensive experience in conducting population dynamics studies, scientific stock assessments, in communicating results to constituents and managers, and serving as a fisheries manager. He has been the lead US scientist conducting stock assessments for Atlantic tuna and billfish species for the International Commission for the Conservation of Atlantic Tunas (ICCAT). Additionally, Dr. Powers served as the Chairman of the Scientific Committee of ICCAT. His research interests continue to be the modeling of robust sustainable management procedures, integrating ecosystem factors into stock assessments, risk analysis in decision making and the role of scientific investigations in fisheries management policy.

Paul Starr, M.Sc. –Paul Starr is an independent fisheries stock assessment consultant who divides his time between New Zealand and western Canada, performing a range of quantitative stock assessments in each jurisdiction. These assessments cover a wide range of species, including New Zealand rock lobster, several inshore shark species, bluenose, and snapper. Recent assessment work in western Canada has included canary and bocaccio rockfish, petrale and English sole. Paul previously worked for 15 years as a stock assessment scientist for the Canadian Department of Fisheries and Oceans, where he did work on coastwide chinook salmon stocks and Fraser River sockeye. Mr. Starr also served for many years on the Chinook Technical Committee of the Pacific Salmon Commission.

Patrick Sullivan, Ph.D. – Patrick Sullivan is an associate professor of population and community dynamics in the Department of Natural Resources at Cornell University. Dr. Sullivan earned a Ph.D. in biostatistics in 1988 from the University of Washington. His research focuses on the assessment and management of fisheries resources and the statistical modeling of biological systems.

Dmitry Ludvigovich Lujas, Ph.D. – Dmitry Lajus is an Associate Professor at the Department of Ichthyology and Hydrobiology, Faculty of Biology and Soil Sciences, St. Petersburg State University, SPSU Russia. Until 2003 Dmitry worked in Zoological institute, Russian Academy of Sciences (ZIN RAN). In 2006 he was a Fulbright Fellow at University of New Hampshire (USA). He got his MS degree in 1982 (SPSU), and PhD in 1989 (ZIN RAN). Dmitry has substantial experience in the field research in high latitudes. Since 1980 he has been working at the biological stations near Polar Cycle on and took part in numerous research cruises in the White and Barents Seas. Also, he performed the field work in other countries, including Portugal, Germany, Norway, Poland, Hong Kong, China and Australia.

Dmitry's research interests are in the area of population biology and historical ecology of marine fish and other aquatic organisms, with emphasis on commercially important fishes such as herring, cod, Atlantic salmon. Some projects also contain considerable social component. Most of the research has been carried out in the framework of international projects using external funding. Dmitry co-authored 64 research papers, 29 of them are in international peer-review journals, and attended numerous national and international meetings, delivered many invited lectures. He served as a peer-reviewer in the number of international journals.

Dmitry teaches several courses in St. Petersburg University dealing mostly with human-induced changes in marine ecosystems and population biology, and participates in development of curricula in framework of international educational programs.

Since 2007 Dmitry has been involved in MSC certification of Russian Pacific salmon fisheries in the Far East based on contracts with company MRAG Americas. He performed several visits to the Khabarovsk Region, Kamchatka Peninsula and Sakhalin Island for interviewing and field work, and comprised pre-assessment reports. Also, now he is involved in preparation of the guide for seafood consumers in Russia in collaboration with WWF-Russia.

Vidar Wespestad, Ph.D. – Vidar G. Wespestad is an independent fisheries research biologist conducting research on marine fisheries resources internationally. Projects have included

assisting Chilean fisheries industry to assist in development of new assessment methods for Chilean hake and jack mackerel, Proposal reviews for the Norwegian Fisheries Research Council, serving as a program reviewer for the European Union Fisheries Commission, and stock abundance research for U.S. fishing industry groups.

He is an Affiliate Professor at the University of Alaska School of Oceanography and Fishery Science; a member of the Pacific Fisheries Management Council Science and Statistics Committee, and has been a guest lecturer at the University of Mexico.

He retired in December 1997 from National Marine Fisheries Service as a Supervisory Fisheries Research Biologist in charge of the Bering Sea resource assessment sub-task which performs research and stock assessment activities on commercially exploited species in the Bering Sea. From 1985 to his retirement he was the principal biologist for Bering Sea pollock producing harvest advice to the North Pacific Fisheries Management Council.

He was in federal service for 25 years, of which 21 was at the Alaska Fisheries Science Center working with Alaska fisheries. He has served as a scientific delegate to several international organizations and commissions, including the International North Pacific Fisheries Commission, North Pacific Fisheries Management Council, International Council for the Exploration of the Sea, and North Pacific Marine Science Organization. He is the author of over 60 published professional papers in fisheries science and management including a section in the latest addition of the Worldbook Encyclopedia.

He holds a Ph.D. in Fisheries Science from the University of Washington, and B.S. and M.S. degrees from Colorado State University, Fort Collins, CO.

He has been active in the American Fisheries Society from which he received their Distinguished Service Award in 1992 for organizing and Co-chairing the First World Fishery Congress. He is a member of several other professional and honor societies and is the recipient of several awards including a Senior Scientist Fellowship from the Norwegian Fishery Research Council, a Research Fellowship from the Norwegian Marshall Fund, and a Rockefeller Foundation Scholar Award.

Wespestad is recognized as a world authority on the population dynamics of Bering Sea fishery resources and has presented and published extensively on the topic.

Pavel Balykin, Ph.D. – Born in the Chelyabinsk Region of Russia, Pavel graduated from the Astrakhan University of Fisheries and Fishing industry at 1978. From October, 1978 till September, 2007 Mr. Balykin worked in the Kamchatka research institute of a fisheries and oceanography (Petrovavlovsk-Kamchatsky). Mr. Balykin began his career as an assistant researcher. Last post is the head of the marine fishes laboratory. Since September 2007, Pavel has been working at Southern Scientific Center of the Russian Academy of Sciences (Rostov-ON-Don) as the head of laboratory of ichthyology. Mr. Balykin defended the dissertation of Cand.Biol.Sci. on a Alaska pollack of the western sea Bering at 1990. In 2001 he received a rank « the Honored worker in the Russian Federation Fisheries». He defended the dissertation of Dr.Sci.Biol. on resources of fish of the western Bering sea at 2007.

Mr. Balykin is the author of more than 70 scientific publications on ichthyology, ecology and questions of fishery (including - 2 books). His scientific interests includes water biological resources of a northwest Pacific (the western Bering sea, eastern Okhotsk sea, Pacific ocean at east coast of Kamchatka).

Mr. Balykin repeatedly participates in the international meetings on fishery as a member of the Russian delegation or the expert.

Oleg Arkadievich Bulatov, Ph.D. – Dr. Bulatov is the director of the Sea Fishes laboratory of the Far East Living Sea Resources section at VNIRO, Moscow. He has researched and published on various aspects of the biology and stock dynamics of walleye pollock in the Bering Sea.

Principle 2 – Ecosystem Impacts Team Candidates

Cathy Dichmont, Ph.D. – Dr. Dichmont has been awarded a B.Sc in zoology and botany, M.Sc in quantitative resource ecology from the University of Cape Town and a Doctor of Philosophy in mathematics from the University of Tasmania, Australia. Dr. Dichmont leads the Northern Fisheries and Ecosystems Research Stream in the CSIRO Wealth from Oceans Flagship.

Dr. Dichmont has extensive research experience in temperate and tropical marine ecosystems at international and regional levels. In addition to research management, Dr. Dichmont maintains a national and international reputation in stock assessment modeling, natural systems modeling, shared fisheries stocks and management strategy evaluation (MSE). She has extensive representative duties, chairing the research and environmental sub-committee of the NPF Management Advisory Council and is a member of several state, national and international resource advisory committees. For additional information: <http://www.csiro.au/people/Cathy.Dichmont.html>.

Robert Furness, Ph.D. – Mr. Furness is a Professor of Seabird and Fishing Interactions at the University of Glasgow, where he teaches a range of ecology, conservation, and marine biology courses. Mr. Furness has maintained a long-term study of seabirds in Shetland since 1971, and has supervised over 50 PhD students, mostly working on seabirds, but with projects as diverse as fishing mortality of sea turtles, heavy metals in deep-sea fish, stable isotopes and fatty acids as dietary markers, longline bycatch of seabirds in Brazil, mercury in marine ecosystems, cadmium in marine molluscs. Mr. Furness has led several international research teams, particularly with funding from the European Commission.

Mr. Furness has chaired a number of international panels, including an advisory panel to the Danish government on ecological impacts of marine wind farms, and the ICES Working Group on Seabird Ecology. He is a member of the Science Advisory Committee of Scottish Natural Heritage, the government body responsible for conservation in Scotland. Mr. Furness has been a member of three MSC certification teams, evaluating Alaskan pollock, Pacific halibut and sablefish fisheries. From 1998 to 2000 at a time when sandeel fishing came under intense

pressure from governments and conservation bodies, Mr. Furness was employed by the International Fishmeal and Oil Manufacturers Association (IFOMA) to develop a “seabird-friendly” management plan for the North Sea sandeel fishery that would permit the fishery to continue without adverse impact on local breeding seabirds. This plan was subsequently agreed by industry and conservation bodies, and was adopted by the European Commission, with closure of a small area of the North Sea close to important seabird colonies to sandeel fishing when seabird breeding success fell below a defined level, but no overall change in the overall sandeel quota for the North Sea fishery. Mr. Furness has considerable experience of working with industry and with conservation bodies, particularly on fisheries and wildlife issues.

Dave Japp, M.Sc. – Mr. Japp is a Fisheries Scientist with an undergraduate degree in Zoology and Oceanography and post graduate degrees in Fisheries Science. Presently he is Director of a neutral and independent service organization in South Africa, working for all sectors of the fishing industry including the state authority (M&CM), the fishing industry, international organizations and numerous other groups.

He was previously employed at the Sea Fisheries Research Institute from 1988 to 1997 as a biologist and manager and at the time he left this institution was head of the offshore resources section (demersal and pelagic stocks). His role at SFRI (now *Marine and Coastal Management, MCM*) was primarily management, biology and resource assessment and he was responsible for the submission of management advice on hake and other demersal stocks. Mr. Japp was also responsible for, planned and led many demersal hake-directed biomass surveys in the period employed at SFRI. Mr. Japp has retained an intimate knowledge of all aspects of the demersal and other fisheries including the trawling methods. His experience in fisheries management and related research is extensive and covers more than 20 years. He has authored many fisheries-related papers as well as numerous technical reports for the FAO. In addition, since 2003, he has been active in the MSC Certification of the South African hake trawl fishery as well as numerous pre-assessments of other fisheries. His main area of expertise is fisheries management, compliance and monitoring and marine ecosystems. He has a total of 20 years experience in fisheries research and management and works extensively in the region (African sub-continent) on fisheries and the implementation of observer and other programmes.

Robin Mahon, Ph.D. – Professor Robin Mahon obtained his B.Sc from the University of the West Indies, Jamaica, and his M.Sc and Ph.D from the University of Guelph, Canada. He is Professor of Marine Affairs and Director of the Centre for Resource Management and Environmental Studies (CERMES), University of the West Indies, Cave Hill Campus, Barbados. Before joining CERMES he worked for the Department of Fisheries and Oceans, Canada, FAO, the CARICOM Fisheries Programme and as a consultant. His interests are in coastal and marine resource management, with emphasis on assessment and management of transboundary resources. This includes institutional arrangements for governance and how to effect organisational change in complex self-organising systems. This work includes collaboration with the Fisheries Governance Network (University of Amsterdam). Current project activities are focused on two areas. The first is the role of civil society in sustainable development at the local level, in particular the Grenadine Islands. The second addresses systems for governance of transboundary living marine resources at the regional or large marine ecosystem (LME) level, in particular the Caribbean LME.

Alan Springer, Ph.D. – Dr. Springer is Research Professor of Marine Science at the Institute of Marine Science, University of Alaska Fairbanks. He received a Ph.D. degree in Biological Oceanography from the same institution in 1989. Dr. Springer holds the position of Senior Scientist at the Alaska SeaLife Center, where he directs the marine mammal research program. His long term interests have focused on marine food web structure, temporal and spatial scales of variability in food webs, and relationships of individual species and food webs to the physical environment. His research has included directed studies on phytoplankton, zooplankton, forage fishes, seabirds, and marine mammals. His area of special expertise centers on diet dependencies of seabirds and marine mammals and causes of fluctuations in their populations. Dr. Springer has undertaken fieldwork in the Bering Sea from the western Aleutian Islands, to the Pribilof Islands in the southeastern Bering Sea, to the northern Bering Sea-Bering Strait region. He has participated in numerous forums that considered how the Bering Sea ecosystem is structured and functions, including specifically the role pollock plays. He wrote the first comprehensive review of the ecological importance of pollock in the North Pacific Ocean.

Dmitry Ludvigovich Lujus – Mr. Lajus is being considered as a potential assessor under both Principle 1 and 2. See biography above.

Warrick (Rick) Fletcher, Ph.D. – Dr. Fletcher attained a BSc (Hons) from the University of Melbourne in 1980, and later received his PhD from the University of Sydney. Mr. Fletcher is currently the Director of Fisheries Research for the Department of Fisheries, WA. He is responsible for the provision of appropriate information for the development and review of management needed to achieve the objectives of the Fisheries Act in WA and other marine related legislation. Dr. Fletcher's research into reporting and assessment frameworks for the implementation of sustainable development has lead to the development of worlds best practice systems. In addition, the frameworks, or their associated risk assessment tools, have been adopted by international organizations.

Throughout his professional and educational career, Dr. Fletcher has been involved in a wide array of research activities including the study of population dynamics of sessile invertebrate fauna, experimental and comparative ecology of invert fauna in intertidal and subtidal ecosystems, stock assessment, growth and morphological work on a number of species. From 1988 to 1996 Dr. Fletcher's research focused on the examination of biological and population characteristics of pelagic fishery resources of Western Australia, in particular directed toward being able to estimate the abundance of commercially caught species to facilitate management. Through mathematical and simulation modeling data was synthesized to stimulate fish behavior over time, enabling an estimate of stock levels and appropriate level of harvest to be defined.

Principle 3 – Management Systems Team Candidates

John Annala – Dr. Annala is also considered as a potential assessor for Principle 1. See above for biography.

Cathy Dichmont – Dr. Dichmont has also been considered as a potential assessor for Principle 2 issues, see above for biography.

Geir Honneland, Ph.D. - Geir Hønneland is Research Director of the Fridtjof Nansen Institute, Norway. He holds a Ph.D in political science, speaks Russian fluently and has followed the developments of Russian fisheries politics for one and a half decades. Among his books are *Russian Fisheries Management: The Precautionary Approach in Theory and Practice* (Martinus Nijhoff Publishers, 2004) and *Implementing International Environmental Agreements in Russia* (Manchester University Press, 2003) (including fisheries agreements), and he has published a number of articles about Russian fisheries management in peer reviewed journals. Mr. Hønneland also has wide range of evaluation experience, e.g. for the FAO relating to the FAO Code of Conduct for Responsible Fisheries. In summer/fall 2008, he performed a country study of Russian fisheries management for the OECD.

Denis Rivard – Denis Rivard is a consultant with 30 years of experience in the conservation of marine and freshwater resources. Throughout his career, he worked on a number of issues related to the conservation of marine and freshwater resources and their ecosystems. He served as delegate to the Advisory Committee on Fisheries Management (ACFM) of the International Council for the Exploration of the Sea, as representative on the Scientific Council of the Northwest Atlantic Fisheries Organization (NAFO) and as science representative on a number of advisory committees or organizations. His scientific publications and reports cover a wide range of topics in fisheries science and evaluation.

In addition to his involvement in a number of international scientific advisory organizations, he was active in Canada as *ex-officio* member of the Fisheries Resource Conservation Council, as scientific advisor for the Canadian Atlantic Fisheries Scientific Advisory Committee and as Director of Science Peer Review and Advice for the Department of Fisheries and Oceans. His professional carrier in the Department of Fisheries and Oceans (Canada) included a number of appointments, including scientific and program advisor in resource evaluation, senior policy and program advisor on marine fish, Director of the national fisheries research, and Associate Director General for the ecosystem science program.

As consultant on fisheries resource sustainability, he continues to take an active part in the development and implementation of conservation frameworks, their evaluation and their practical application to fisheries management.

Ross Shotton, Ph.D. – Ross Shotton started in fisheries in the mid-1950s in steam trawling offshore of New Zealand and continued in the mid-1960s in the North Sea, Westerly grounds and Iceland for British United Trawlers. He subsequently completed a B.Sc. degree in marine science (University of Wales, Bangor 1969), an M.Sc (Institute of Applied Animal Ecology, UBC, Canada 1973) in operations research on fishing systems and a Ph.D. (Department of Oceanography, Dalhousie University, Nova Scotia 1985) in underwater acoustics for fish-stock assessment.

Dr. Shotton has worked in environmental assessment of fisheries (3 years, Western Canadian Arctic) and fisheries survey research (Bedford Institute of Oceanography, Nova Scotia.) spending considerable time at sea in the NW Atlantic (12 years). He subsequently worked for the Programme Coordination and Economics Branch, Department of Fisheries and Oceans,

Halifax, Canada. This time (6 years) was mainly spent undertaking bio-statistical analysis and modelling of policy and management problems: 2 years was spent as regional Chief of Statistics.

In 1992 he joined the FAO, Rome with responsibilities for marine mammals, trawl surveys and fisheries in the Indian Ocean (particular emphasis on the Persian Gulf), Southern Ocean (including FAO observer to CCAMLR) and NW Atlantic. During this time he initiated and co-organized international conferences on Property Rights in Fisheries (Fremantle, Western Australia - 1999) and Management and Conservation of Deep-sea Fisheries (Queenstown, New Zealand – 2003). He also organized and edited publications on aspects of rights-based fisheries management and elasmobranch fisheries being responsible for FAO's IPOA-Sharks.

Since 2007 he has been Executive Secretary, Southern Indian Ocean Deepsea Fishers Association for whom he has authored reports and analysis and dealt with signatory countries of the regional fisheries management agreement on policy and technical issues. He has recently finished a World Bank contract as coordinator for a fisheries sector restructuring programme in the Yemen. Shotton has fisheries management experience in over 40 countries worldwide and maintains close contacts with industry and conservation groups.

Kevin Stokes, Ph.D. – Kevin Stokes is the Chief Scientist with the New Zealand Seafood Industry Council Ltd (SeaFIC). Based in Wellington, New Zealand, Mr. Stokes has worked with SeaFIC since 2000 having previously worked for 15 years in the United Kingdom at the Lowestoft fisheries laboratory (CEFAS). Mr. Stokes has extensive fisheries science, policy and operations experience and has worked with and for industry and government around the world. He has experience in all three MSC Principle areas both as a practitioner and as a reviewer. Mr. Stokes has acted as a reviewer for MSC assessments, has undertaken pre-assessments for clients, has supported clients during certification and re-certification assessments, and was actively involved in MSC performance indicator and scoring guideline developments in 2007/08.

Warrick (Rick) Fletcher, Ph.D. – Dr. Fletcher has also been considered as a potential assessor for Principle 2 issues, see above for biography.

All feedback on the proposed team can be sent to Steve Devitt of TAVEL Certification by December 19, 2008. All inquiries about the certification process and participation as a stakeholder may be sent to TAVEL Certification Inc at the following contacts:

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Date: December 2, 2008