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 MRAG-MSC-108-v1

Marine Stewardship Council Surveillance Announcement

Name of Fishery	Pacific Hake	
Surveillance level and type	Level 4 Offsite	
Surveillance number (tick one)	1st Surveillance	
	2nd Surveillance	X
	3rd Surveillance	
	4th Surveillance	
	Other (expedited etc.)	
Proposed Team Leader	<p>Bob Trumble. Dr. Trumble, a marine scientist for over 40 years, has wide-ranging experience in marine fish science and management, fishery habitat protection, and oceanography. Dr. Trumble joined MRAG Americas in 2000 as Senior Research Scientist and became Vice President in 2005. He performs project planning, assembles research teams, and conducts research, with a focus on improving management of aquatic ecosystems and the resources and fisheries they support. His projects have included oversight of observer programs, preparation and review of fishery management and habitat management plans, development of bycatch management and control, preparation of environmental assessments and environmental impact statements, and conducting workshops on fishery issues. He serves as Certification Manager for Marine Stewardship Council fisheries and chain of custody assessments. Dr. Trumble has extensive experience working with government agencies, commercial and recreational fisheries groups, Indian tribes, and national and international advisory groups. He received appointments to the Scientific and Statistical Committees of the South Atlantic Fishery Management Council and the Pacific Fishery Management Council, the Groundfish Management Team of the North Pacific Fishery Management Council, the affiliate faculty of Fisheries at the University of Washington, and the Advisory Committee of the Washington Sea Grant Program. Dr. Trumble has published in peer-reviewed journals and symposium proceedings, presented invited papers at national and international meetings, and written reports for government agencies. Dr. Trumble received a B.S. degree in Oceanography from the Department of Oceanography, University of Washington, M.S. degree in Fisheries from the College of Fisheries, University of Washington, and Ph.D. in Fisheries from the College of Fisheries, University of Washington.</p> <ul style="list-style-type: none"> • He has an appropriate university degree and more than five years' experience in management and research in fisheries; • He has passed the MSC team leader training; 	

	<ul style="list-style-type: none"> • He has the required competencies described in Table PC1, section 2 • He has undertaken one fishery assessment as a team member in the last five years • He has experience in applying different types of interviewing and facilitation techniques and is able to effectively communicate with clients and other stakeholders • In addition, he has the appropriate skills and experience required to serve as a Principle 2 and 3 assessor as described in FCR Annex PC table PC3. • MRAG Americas confirms that he has no conflicts of interest in relation to the fishery under assessment.
<p>Proposed team members [remove if not applicable]</p>	<p>Max Stocker. Dr. Max Stocker is a scientist with over 30 years of extensive experience in fisheries science. He is currently proprietor of Stocker & Associates Consultants conducting Marine Stewardship Council certification projects. Dr. Stocker acted as marine fisheries consultant under contract with Fisheries and Oceans Canada (DFO) to provide scientific advice on highly migratory species in the Pacific Ocean. He was the lead Canadian scientist for highly migratory species for the Western and Central Pacific Fisheries Commission (WCPFC) and the Inter-American Tropical Tuna Commission (IATTC). He served as co-chair of the Stock Assessment Working Group of the Scientific Committee of the WCPFC and chaired the ISC Albacore Working Group. From 1978-2006 Dr. Stocker held the position of research scientist with DFO at the Pacific biological Station conducting population dynamic studies, conducting peer reviewed stock assessments of many marine species, and communicating results to fisheries managers and stakeholders. He authored and co-authored over 90 scientific papers and reports, and made over 50 presentations in national and international scientific meetings. Dr. Stocker chaired the Pacific Scientific Advice Review Committee (PSARC) for many years and edited and published over 30 advisory documents on the stock status of marine species and the implications of harvest management on these stocks. Additionally, Dr. Stocker served as in-house stock assessment consultant to the New Zealand Fishing Industry Board in the early 1990s conducting peer reviewed stock assessments, participating in the peer review process, and advising the Board on inshore and deepwater fisheries.</p> <p>MRAG Americas confirms that Max Stocker meets the competency criteria in Annex PC for team members as follows:</p> <ul style="list-style-type: none"> • He has an appropriate university degree and more than five years' experience in management and research in fisheries, • He has undertaken at least two MSC fishery assessments or surveillance site visits in the last five years • He is able to score a fishery using the default assessment tree and describe how conditions are set and monitored. <p>In addition, he has the appropriate skills and experience required to serve as a Principle 1 assessor as described in FCR Annex PC table PC3, and MRAG Americas confirms he has no conflicts of interest in relation to the fishery under</p>

	<p>assessment.</p> <p>Mark Pedersen. Mr. Mark G. Pedersen is a Senior Aquatic/Marine Scientist and President of Margenex International, founded in 1991. Mr. Pedersen has extensive experience in strategic planning and business development related to natural resources management. Technical specialties include: aquatic and marine environmental issues; biology of economically important marine fishes, salmon species, and shellfish; fishery management policy and regulations; seafood business and statistics for commercial, artisanal, and recreational fisheries along the Pacific coast of North America, Peru, and Micronesia, in the Baltic Sea, India, Papua-New Guinea, Australia, and the northwest coast of Africa (Mauritania, Guinea, and Ghana); and calculation of lost fishing vessel revenues and fishermen’s potential earnings due to accidents. He has served as a Marine Stewardship Council (MSC) certification expert for five Pacific coast commercial fisheries. He has directed, managed, and/or participated in numerous projects involving fishery characterization, fish habitat enhancement, and mitigation for development impacts; fish migrations, fish stock assessments. His work also involves project compliance with local, state, national, and international environmental regulations including the US Endangered Species Act, and World Bank, International Finance Corporation, and Espoo Environmental Standards; and strategic planning and design of natural resource related projects. His responsibilities include project management, research, analysis, preparation and presentation of proposals and reports, and negotiation with government agencies. In addition to technical responsibilities, Mr. Pedersen has presented numerous talks at seminars and scientific symposia, and frequently serves as an expert witness before courts, legislatures, international commissions, and other formal hearing bodies. He has published more than 30 articles in international scientific journals and report series.</p> <p>MRAG Americas confirms that Mark Pederson meets the competency criteria in Annex PC for team members as follows:</p> <ul style="list-style-type: none"> • He has an appropriate university degree and more than five years’ experience in management and research in fisheries, • He has undertaken at least two MSC fishery assessments or surveillance site visits in the last five years • He is able to score a fishery using the default assessment tree and describe how conditions are set and monitored. <p>In addition, he has the appropriate skills and experience required to serve as a Principle 2 and 3 assessor as described in FCR Annex PC table PC3, and MRAG Americas confirms he has no conflicts of interest in relation to the fishery under assessment.</p>
<p>Audit/review time and location</p>	<p>The surveillance will take place in November 29, 2016. This is a review of information surveillance, so no site visit is necessary.</p> <p>A review of information surveillance is justified in this case as follows:</p> <p>The review of information falls between two remote audits. The ability to verify information remotely is high. There are ample opportunities and mechanisms to engage with clients and stakeholders including electronic forms of communication such as phone conferencing, video conferencing, and email. Fishery reports and other documented evidence that can be used to demonstrate progress against conditions and other issues relevant to the MSC</p>

	Principles and criteria can be easily and transparently checked remotely. There are no milestones that require investigation of physical aspects of the fishery.
Assessment/ review activities	The surveillance will review any changes in science and management, and will monitor progress in closing out conditions: initiating the process to develop control rules that have a more scientific basis; establishing a specific monitoring program for both habitats and the ecosystem; and explicitly incorporating the precautionary approach into the decision-making process.

MRAG Americas invites stakeholders to provide any information considered relevant to the surveillance of the fisheries. The MSC has developed a guide for stakeholder input, available at <http://www.msc.org/documents/get-certified/stakeholders> and a template for stakeholder response available at http://www.msc.org/documents/getcertified/stakeholders/template_for_stakeholder_input. You may use the template or provide your response in any other format. All comments and inquiries should be directed to MRAG Americas.

We request that stakeholders provide written information by 5pm PST on November 25th, 2016.

More information on the fishery is available at <https://www.msc.org/track-a-fishery/fisheries-in-the-program/certified/pacific/pacific-hake-mid-water-trawl/reassessment-downloads/?searchterm=pacific%20hake>.

Please send any documentation, requests for meetings, or inquiries to:

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