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President: Andrew A. Rosenberg, Ph.D.

# MRAG Americas, Inc.

## Oregon and Washington Pink Shrimp Fishery

### MSC Surveillance Announcement

**Table 1 – Surveillance announcement**

1	Fishery name	
	Oregon and Washington pink shrimp	
2	Surveillance level and type	
	Level 1 – off-site audit	
3	Surveillance number	
	1st Surveillance	
	2nd Surveillance	<b>X</b>
	3rd Surveillance	
	4th Surveillance	
	Other (expedited etc)	
4	Proposed team leader	
	<p><b>Ms. Amanda Stern-Pirlot</b> will serve as team leader for the assessment. Amanda is an M.Sc graduate of the University of Bremen, Center for Marine Tropical Ecology (ZMT) in marine ecology and fisheries biology. Ms. Stern-Pirlot joined MRAG Americas in mid-June 2014 as MSC Certification Manager (now Director of the Fishery Certification Division) and is currently serving on several different assessment teams as team leader and team member. She has worked together with other scientists, conservationists, fisheries managers and producer groups on international fisheries sustainability issues for over 15 years. With the Institute for Marine Research (IFM-GEOMAR) in Kiel, Germany, she led a work package on simple indicators for</p>	

	<p>sustainable within the EU-funded international cooperation project INCOFISH, followed by five years within the Standards Department at the Marine Stewardship Council (MSC) in London, developing standards, policies and assessment methods informed by best practices in fisheries management around the globe. Most recently she has worked with the Alaska pollock industry as a resources analyst, within the North Pacific Fisheries Management Council process, focusing on bycatch and ecosystem-based management issues, and managing the day-to-day operations of the offshore pollock cooperative. She has co-authored a dozen publications on fisheries sustainability in the developing world and the functioning of the MSC as an instrument for transforming fisheries to a sustainable basis.</p> <p>MRAG Americas confirms that Ms. Stern-Pirlot meets the competency criteria in Annex PC for team leader as follows:</p> <ul style="list-style-type: none"> <li>• She has an appropriate university degree and more than five years' experience in management and research in fisheries;</li> <li>• She has passed the MSC team leader training;</li> <li>• She has the required competencies described in Table PC1, section 2;</li> <li>• She has passed the MSC Traceability training module;</li> <li>• She meets ISO 19011 training requirements;</li> <li>• She has undertaken two fishery assessments as a team member in the last five years, and</li> <li>• She has experience in applying different types of interviewing and facilitation techniques and is able to effectively communicate with clients and other stakeholders.</li> </ul> <p>In addition, she has the appropriate skills and experience required to serve as a Principle 2 assessor as described in FCP Annex PC table PC3.</p> <p>MRAG Americas confirms that Ms. Stern-Pirlot has no conflicts of interest in relation to the fishery under assessment.</p>
5	<p><b>Proposed team members</b></p> <p><b>Tom Jagielo</b> has a wide breadth of experience in fisheries science and habitat studies in marine and freshwater systems. He has been a consultant in quantitative fisheries science since 2008. Previously he served for 24 years with the Washington Department of Fish and Wildlife, and 6 years with the Fisheries Research Institute at the University of Washington in Seattle. He has specialized in groundfish stock assessment and survey design, to assess marine fish populations for sustainable fisheries management. He has produced groundfish stock assessments for the Pacific Fishery Management Council, including analysis of lingcod, black rockfish, and yelloweye rockfish populations. Tom has experience working with government agencies, commercial and recreational fisheries groups, Native American tribes, community organizations, and both national and international advisory groups. He has received appointments to the Scientific and Statistical Committee of the Pacific Fishery Management Council, the Technical Subcommittee of the US-Canada Groundfish Committee, and the Pacific Coast Ocean Observation System. He has published in peer-reviewed journals and symposium proceedings, and has presented papers at national and international meetings. Tom received a B.S. degree in Biology from the Pennsylvania State University, and a M.S. degree in Fisheries from the University of Washington, where he also conducted post M.S. graduate studies in fisheries population dynamics and parameter estimation. Tom has served as an MSC Team Member and Peer Reviewer for fish populations in Europe, Australia, New Zealand and the US.</p> <p>MRAG Americas confirms that Mr. Jagielo meets the competency criteria in Annex PC for team members as follows:</p> <ul style="list-style-type: none"> <li>• He has an appropriate university degree and more than five years' experience in management and research in fisheries;</li> <li>• He has undertaken at least two MSC fishery assessments or surveillance site visits in the last five years; and</li> <li>• He is able to score a fishery using the default assessment tree and describe how conditions are set and monitored.</li> </ul> <p>In addition, he has the appropriate skills and experience required to serve as a Principle 1 assessor as described in FCP Annex PC table PC3, and MRAG Americas confirms he has no conflicts of interest in relation to the fishery under assessment.</p> <p><b>Dr. Susan Hanna</b> is professor emeritus of marine economics at Oregon State University. Her research and</p>

	<p>publications are in the area of marine economics and policy, with an emphasis on fishery management, ecosystem-based fishery management, property rights and institutional design. Dr. Hanna has served as a scientific advisor to the U.S. Commission on Ocean Policy, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Minerals Management Service, Northwest Power and Conservation Council and the Pacific Fishery Management Council. She served on the Ocean Studies Board of the National Research Council (NRC), National Academy of Sciences, and several NRC Committees, including the Committee to Review Individual Quotas in Fisheries and the Committee on Protection and Management of Pacific Northwest Anadromous Salmonids.</p> <p>MRAG Americas confirms that Dr. Hanna meets the competency criteria in Annex PC for team members as follows:</p> <ul style="list-style-type: none"> <li>• She has an appropriate university degree and more than five years' experience in management and research in fisheries;</li> <li>• She has undertaken at least two MSC fishery assessments or surveillance site visits in the last five years; and</li> <li>• She is able to score a fishery using the default assessment tree and describe how conditions are set and monitored.</li> </ul> <p>In addition, she has the appropriate skills and experience required to serve as a Principle 3 assessor as described in FCP Annex PC table PC3, and MRAG Americas confirms she has no conflicts of interest in relation to the fishery under assessment.</p> <p>The whole assessment team collectively meets the requirements as described in FCP Annex PC table PC3.</p> <p>A discussion between team members regarding conflict of interest and biases was held and none were identified.</p>
6	Audit/review time and location
	<p>A remote surveillance audit has been scheduled for March 18, 2020.</p> <p>Timing of the surveillance audit has shifted from the certificate anniversary date. See Table 2.2.</p>
7	Assessment and review activities
	<p>The surveillance will review any changes in science and management, and will monitor progress in closing out conditions.</p>

MRAG Americas invites stakeholders to provide any information considered relevant, including knowledge and concerns about the fishery, to the surveillance and expedited assessments of the fisheries. Unless covered by FCP 4.4.1 any information that cannot be shared with other stakeholders even under a confidentiality agreement shall not be: referenced in the surveillance audit, used to determine the surveillance audit outcome or used as the basis for an objection to certification. The MSC has developed a guide for stakeholder input, available at <https://www.msc.org/what-you-can-do/engage-with-a-fishery-assessment> and a template for stakeholder response available at [MSC program supporting documents](#). You must use the template to provide your response. All comments and inquiries should be directed to MRAG Americas. MRAG will schedule meetings with stakeholders if requested. To schedule a meeting please provide:

- your name and contact details
- your association with the fishery
- the issues you would like to discuss
- where and when you would like to meet

We request that stakeholders provide written information or request a meeting by 5pm GMT on March 11, 2020.

More information on the fishery is available at <https://fisheries.msc.org/en/fisheries/oregon-and-washington-pink-shrimp/@@view>.

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

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Submitted by: Michealene Corlett

Date: February 13, 2020

## Appendix 1: Summary of CVs of team leader and team member(s) - optional

**Ms. Amanda Stern-Pirlot** will serve as team leader for the assessment. Amanda is an M.Sc graduate of the University of Bremen, Center for Marine Tropical Ecology (ZMT) in marine ecology and fisheries biology. Ms. Stern-Pirlot joined MRAG Americas in mid-June 2014 as MSC Certification Manager (now Director of the Fishery Certification Division) and is currently serving on several different assessment teams as team leader and team member. She has worked together with other scientists, conservationists, fisheries managers and producer groups on international fisheries sustainability issues for over 15 years. With the Institute for Marine Research (IFM-GEOMAR) in Kiel, Germany, she led a work package on simple indicators for sustainable within the EU-funded international cooperation project INCOFISH, followed by five years within the Standards Department at the Marine Stewardship Council (MSC) in London, developing standards, policies and assessment methods informed by best practices in fisheries management around the globe. Most recently she has worked with the Alaska pollock industry as a resources analyst, within the North Pacific Fisheries Management Council process, focusing on bycatch and ecosystem-based management issues, and managing the day-to-day operations of the offshore pollock cooperative. She has co-authored a dozen publications on fisheries sustainability in the developing world and the functioning of the MSC as an instrument for transforming fisheries to a sustainable basis.

**Tom Jagielo** has a wide breadth of experience in fisheries science and habitat studies in marine and freshwater systems. He has been a consultant in quantitative fisheries science since 2008. Previously he served for 24 years with the Washington Department of Fish and Wildlife, and 6 years with the Fisheries Research Institute at the University of Washington in Seattle. He has specialized in groundfish stock assessment and survey design, to assess marine fish populations for sustainable fisheries management. He has produced groundfish stock assessments for the Pacific Fishery Management Council, including analysis of lingcod, black rockfish, and yelloweye rockfish populations. Tom has experience working with government agencies, commercial and recreational fisheries groups, Native American tribes, community organizations, and both national and international advisory groups. He has received appointments to the Scientific and Statistical Committee of the Pacific Fishery Management Council, the Technical Subcommittee of the US-Canada Groundfish Committee, and the Pacific Coast Ocean Observation System. He has published in peer-reviewed journals and symposium proceedings, and has presented papers at national and international meetings. Tom received a B.S. degree in Biology from the Pennsylvania State University, and a M.S. degree in Fisheries from the University of Washington, where he also conducted post M.S. graduate studies in fisheries population dynamics and parameter estimation. Tom has served as an MSC Team Member and Peer Reviewer for fish populations in Europe, Australia, New Zealand and the US.

**Dr. Susan Hanna** is professor emeritus of marine economics at Oregon State University. Her research and publications are in the area of marine economics and policy, with an emphasis on fishery management, ecosystem-based fishery management, property rights and institutional design. Dr. Hanna has served as a scientific advisor to the U.S. Commission on Ocean Policy, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, Minerals Management Service, Northwest Power and Conservation Council and the Pacific Fishery Management Council. She served on the Ocean Studies Board of the National Research Council (NRC), National Academy of Sciences, and several NRC Committees, including the Committee to Review Individual Quotas in Fisheries and the Committee on Protection and Management of Pacific Northwest Anadromous Salmonids.

## Appendix 2: Surveillance frequency - if amended since PCDR

1. The announcement shall include a rationale for any reduction from the default surveillance level following FCP v2.1 7.28.4-7.28.7.
2. The announcement shall include a rationale for any deviations from carrying out the surveillance audit before or after the anniversary date of certification.
3. The announcement shall include a completed fishery surveillance program.

**Table 2.1 – Surveillance level rationale**

Year	Surveillance activity	Number of auditors	Rationale
	There is no change in surveillance level.		

**Table 2.2– Timing of surveillance audit**

Year	Anniversary date of certificate	Proposed date of surveillance audit	Rationale
2	February 2020	March 2020	Fishery advice newsletters are to be released in February 2020, proposal to postpone audit until after release of newsletters to include advice.

**Table 2.3 – Fishery surveillance program**

Surveillance level	Year 1	Year 2	Year 3	Year 4
Level 1	Review of information	Off-site audit	Review of information	On-site audit and reduced reassessment