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President: Andrew A. Rosenberg, Ph.D.

MRAG Americas, Inc.

DFPO and DPPO North Sea, Skagerrak and Kattegat sandeel, sprat and Norway pout MSC Surveillance Announcement

Table 1 – Surveillance announcement

1	Fishery name	
	DFPO and DPPO North Sea, Skagerrak and Kattegat sandeel, sprat and Norway pout	
2	Surveillance level and type	
	Level 4 – with one team member on-site (and two attending remotely)	
3	Surveillance number	
	1st Surveillance	
	2nd Surveillance	
	3rd Surveillance	X
	4th Surveillance	
	Other (expedited etc)	
4	Proposed team leader	
	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	

	<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"> • She has an appropriate university degree and more than five years' experience in management and research in fisheries; • She has passed the MSC team leader training; • She has the required competencies described in Table PC1, section 2; • She has passed the MSC Traceability training module; • She meets ISO 19011 training requirements; • She has undertaken two fishery assessments as a team member in the last five years, and • She has experience in applying different types of interviewing and facilitation techniques and is able to effectively communicate with clients and other stakeholders. <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.</p> <p>MRAG Americas confirms that Ms. Stern-Pirlot has no conflicts of interest in relation to the fishery under assessment.</p>
5	<p>Proposed team members</p> <p>Dr. Jake Rice is Chief Scientist for the Department of Fisheries and Oceans, Canada. He previously served as Director of Peer Review and Science Advice and held senior DFO Science positions in Pacific and Newfoundland Regions. He received BSc. from Cornell (1970 Conservation) and Ph. D. from University of Toronto (1974 - Ornithology). He has more than 270 publications in the scientific and technical literature, primarily on the ecosystem approach to integrated management. He is a member of the Group of Experts for the UN Regular Process for Global Marine Assessments, and a Lead Authors for the chapter on Drivers, Trends and Mitigation, for the next IPCC Assessment Report. He has been active as an expert or delegate to many UN meetings and agencies (FAO, CBD, GEF, UNEP, UNESCO-IOC, ICP, BBNJ etc.).</p> <p>MRAG Americas confirms that Dr. Rice 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; and • 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 FCP Annex PC table PC3, and MRAG Americas confirms he has no conflicts of interest in relation to the fishery under assessment.</p> <p>Dr. Ken Haste Andersen is professor in theoretical marine ecology at the Technical University of Denmark, where he is also head of section and deputy director of the centre of excellence: Ocean Life. The overarching aim of his research understand how marine ecosystems are affected by perturbations, in particular fishing. He has been a pioneer in developing size-based model techniques to describe fish communities, and for applying them to make ecosystem-based impact assessments of fisheries. A particular interest is how fishing on one part of the ecosystem affects the fisheries in other parts of the ecosystem, such as forage fisheries. A key aim of his research is to link developments in basic science with applications for fisheries. To this end he is active in ICES advice forming, EU fisheries related projects and collaborative projects with the Danish fishing industry.</p>

	<p>MRAG Americas confirms that Dr. Haste Andersen 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; and • 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 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>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
	The surveillance audit will be conducted in Copenhagen, Denmark on 11 March 2020.
7	Assessment and review activities
	The surveillance will review any changes in science and management, and will monitor progress in closing out conditions.

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 04 March 2020.

More information on the fishery is available at <https://fisheries.msc.org/en/fisheries/dfpo-and-dppo-north-sea-skagerrak-and-kattegat-sandeel-sprat-and-norway-pout/@@view>.

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

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Submitted by: Michealene Corlett
Date: 05 February 2020

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

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.

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Appendix 2: Surveillance frequency

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
2020	On-site surveillance, with one or more remote assessors	3	One assessor is based in Denmark with the others in North America.

Table 2.2– Timing of surveillance audit

Year	Anniversary date of certificate	Proposed date of surveillance audit	Rationale
3	March 2020	March 2020	Consistent with anniversary of certificate

Table 2.3 – Fishery surveillance program

Surveillance level	Year 1	Year 2	Year 3	Year 4
Level 4	On-site surveillance audit	On-site surveillance audit	On-site surveillance audit	On-site surveillance audit & re-certification site visit