

Ref. 313N16A

9th August 2018

Proposed Peer Reviewer Announcement for the Joint demersal fisheries in the North Sea and adjacent waters by The Danish Fishermen's Producers' Organisation (DFPO), The Swedish Fisherman's Producer Organisation (SFPO), The Erzeugergemeinschaft-nordsee (EZG) and Coöperatieve Visserij Organisatie (CVO)

Control Union Pesca Ltd (CU Pesca) are undertaking the full MSC certification assessment process for the Joint demersal fisheries in the North Sea and adjacent waters conducted by The Danish Fishermen's Producers' Organisation (DFPO), The Swedish Fisherman's Producer Organisation (SFPO), The Erzeugergemeinschaft-nordsee (EZG) and Coöperatieve Visserij Organisatie (CVO) and are proposing the following peer reviewers:

Jerry Ennis

Following undergraduate and graduate degrees at Memorial University of Newfoundland in the 1960s, Jerry completed a Ph.D. in marine biology at University of Liverpool in the early 1970s. He retired in 2005 following a 37-year research career with the Science Branch of the Department of Fisheries and Oceans. His extensively published work has focused primarily on lobster fishery, population biology and on various aspects of larval, juvenile and adult lobster behaviour and ecology in Newfoundland waters. Throughout his career, Jerry was heavily involved in the review and formulation of scientific advice for management of shellfish resources in Atlantic Canada as well as the advisory/consultative aspect of managing shellfisheries throughout the Newfoundland-Labrador region of the Northwest Atlantic. In retirement he has been involved on a regular basis as assessor and peer reviewer for MSC assessments of various stocks/fisheries.

Based on the evidence above Jerry meets the following competency criteria in Table PC3:

- Fish stock assessment
- Fish stock biology/ecology

Jerry has completed the required Fishery Team member MSC training modules for the V2.0 Fisheries Certification Requirements.

Earl G. Dawe

Earl retired in 2015 following a 35-year research career with Fisheries and Oceans Canada which focused on the fisheries, biology, population dynamics, and ecology of cephalopods and crustaceans. Published 170 scientific/technical reports and journal articles (58 in the primary, peer reviewed literature) on various aspects of population biology and ecology as well as fishery resource assessment and management of both short-finned squid and snow crab. Research effort has most recently focused on ecosystem structure and functioning, particularly the relative effects of ocean climate versus predation on finfish and crustacean resources. Career included heavy involvement in the review and formulation of scientific advice for management of shellfish resources in Atlantic Canada as well as the advisory/consultative part of managing

the Newfoundland and Labrador (NL) fisheries for short-finned squid and snow crab. He recently participated, as scientific advisor, in MSC certification of the NL snow crab fishery. Earl also served as peer reviewer in MSC certification of the Western Asturias octopus trap fishery.

Based on the evidence above Earl meets the following competency criteria in Table PC3:

- Fishing impacts on aquatic ecosystems

Earl has completed the required Fishery Team member MSC training modules for the V2.0 Fisheries Certification Requirements.

Terence Holt

Terry is a highly experienced marine ecologist with over 35 years involvement in managing marine consultancy projects, assessments and surveys. He holds a BSc. degree in Marine biology and a Ph.D. in Seaweed Cultivation. He has experience of seabed ecology, including shellfish ecology, marine aquaculture (both research and commercial), seabed surveys including trawl, dredge, grab, pots, camera and acoustic, and benthic fish and invertebrate surveys including scallops and other commercial shellfish, and a wide variety of environmental impact assessments covering benthos and fish. He has provided expert advice on molluscan fisheries at planning enquiries and has published on trawl damage to seabed communities and on sensitivities of biogenic reef habitats. Terry has been involved in MSC pre-assessments, full assessments, annual audits and peer reviews for queen scallops, mussels, cockles, clams and oysters in Europe, Canada and South east Asia since 2001, and has also taken part in pre- and full assessments of longline and trawl fisheries. He contributed at early MSC workshops on the development of generic scoring guidelines and refining of assessment method. In 2000 he carried out a preliminary assessment of a number of U.S. aquarium fish wholesalers and retailers against draft sustainability standards on behalf of MAC (Marine Aquarium Council). He has also carried out assessments of fishing vessels/crew under the UK Sea Fish Industry Authority's Responsible Fishing Scheme.

Terence has completed the required Fishery Team member MSC training modules for the V2.0 Fisheries Certification Requirements.

Based on the evidence above Terence meets the following competency criteria in Table PC3:

- Fishing impacts on aquatic ecosystems

Jan Geert Hiddink

Jan is a marine ecologist with extensive expertise in measuring and modelling the response of benthic communities to disturbance and modelling recovery trajectories for these organisms. His research is focussed on gaining a quantitative understanding of the effect of disturbance (such as exploitation and climate change) on the biodiversity and functioning of marine benthic communities and on how such effects can be mitigated. This research includes the effects of MPAs on the communities of benthic invertebrates and fish. Most recently Jan has been studying the effect of climate change on the biodiversity of marine organisms using time series. Jan aims to increase understanding of ecosystem functioning and distribution patterns by comparing empirical data with predictions of ecological models.

After completing his PhD in 2002, Jan started a postdoc at Bangor University, where he studied the impact of bottom trawling on the functioning of benthic invertebrate communities. Jan joined the lecturing staff in School of Ocean Sciences in 2006 and was promoted to Reader in 2013. Jan has prior peer review experience for the MSC on EU haddock, saithe, whiting and plaice stocks involving demersal gear.

Jan has completed the required Fishery Team member MSC training modules for the V2.0 Fisheries Certification Requirements.

Based on the evidence above Jan meets the following competency criteria in Table PC3:

- Fishing impacts on aquatic ecosystems

Sophie Des Clers

Sophie is an independent scientific expert in fisheries management systems and has prior peer review experience for the MSC. She has over 30 years' experience in the formulation, monitoring, and evaluation of fisheries and aquaculture projects to build management capacity in the public and the private sector. Sophie is trained in databases, applied statistics, population dynamics, microeconomics, law and public policy. Her past research and consultancy projects have taken her to fishing ports around the UK, EU, Norway, Africa, the North Sea, Mediterranean, Atlantic, Pacific, Indian oceans and Caribbean. She has been involved in a number of previous MSC assessments and pre-assessments including lobster, cod, haddock, saithe, sole, herring, blue whiting, sardine, whelks (within the EU) and tuna and billfish fisheries.

Sophie meets the following competency criteria in Table PC3:

- Fishery management and operations

Sophie has completed the required Fishery Team member MSC training modules for the V2.0 Fisheries Certification Requirements.

Dave Japp

David Japp is a practising professional marine and fisheries scientist. David's career includes 10 years as a principal researcher (Sea Fisheries Research Institute and Marine and Coastal Management from 1987 to 1996) and 18 years as a consultant in the marine environmental field since 1996. David has worked on policy and governance aspects of fisheries, fisheries economics, and many fisheries-related programmes involving fisheries management and biology. He has 20 years of experience in South Africa and Namibian hake stock assessments and 15 years experience in sole working groups within Africa.

Since 2004 David Japp has been contracted to the World Bank and the Food and Agricultural Organisation of the United Nations (FAO) undertaking project development in East Africa where he specialises in fisheries and coastal zone management. He was also responsible for the management and implementation of the fisheries components in the Marine and Coastal Management Project (MACEMP) from 2006 - 2012, the South West Indian Ocean Fisheries Project (SWIOFP) from 2008 to 2013 and more recently the development of the Tanzanian fisheries programme under the SWIOFISH project. In the last couple of years, Dave has been working in the region on offshore impact assessment in Namibia and the Benguela Current Commission (BCC) on strategic impact assessments. Dave has undertaken numerous MSC assessments as

expert and assessor, including South African hake, Tristan da Cunha rock lobster and Russian Sea of Okhotsk Pollock, and a number of pre-assessments.

Dave has completed the required Fishery Team member MSC training modules for the V2.0 Fisheries Certification Requirements.

Based on the evidence above Dave meets the following competency criteria in Table PC3:

- Fish stock assessment
- Fish stock biology/ecology
- Fishery management and operations

No conflicts of interest for the above assessors against the fishery were evident.

Full CVs are available on request to CU Pesca at the address below.

All interested stakeholders are encouraged to contact Charlotte Gwyther cgwyther@controlunion.com or Chrissie Sieben at csieben@controlunion.com by email, telephone or post at the below number and address.

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The deadline for consultation is **17:00 GMT** on the **19th August 2018**