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President: Andrew A. Rosenberg, Ph.D.  
MRAG-MSC-107a-v1

## **Notification of Confirmed Peer Reviewers (revised) Pacific Hake Mid-Water Trawl Fishery**

MRAG Americas received no comments on the revision to the proposed peer reviewers for the Pacific Hake Mid-Water Trawl fishery, so confirms the peer reviewers as Mr. Tom Jagielo and Dr. Paul Medley. Peer reviewers must be considered, at a minimum, the peers of the experts comprising the assessment team, and have expertise in one or more of the following: the fishery under assessment, stock assessment issues, relevant ecosystem interactions, and fishery management.

A brief biography of each reviewer is provided below in alphabetical order. Mr Jagielo provided a peer review of the original Pacific hake assessment report.

**Mr. Tom Jagielo** Tom Jagielo has a wide breadth of experience in marine fish science, habitat studies, and oceanography. Tom formed his own firm in 2008 to provide consulting services in quantitative fisheries science. 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. As a Senior Research Scientist for Washington, Tom specialized in groundfish stock assessment and survey design, adapting state of the art tools and methods to assess marine fish populations for sustainable fisheries management. He produced numerous stock assessments used by the Pacific Fishery Management Council, including analysis of lingcod, black rockfish, and yelloweye rockfish populations. His early assessment of west coast lingcod identified the stock as overfished, and his rebuilding analysis ultimately resulted in a rebuilt population within the mandated 10 year time frame. His recent consulting projects have included 1) the design and implementation of a novel coastwide aerial survey used for management of west coast Pacific sardine, 2) a methodological review of Annual Catch Limits for the NOAA Fisheries Pacific Islands Regional Office, and 3) various habitat and marine fish science projects for the Environmental Defense Fund, the Alliance of Communities for Sustainable Fisheries, the At Sea Processors Association, and other organizations. Tom has extensive experience working with government agencies, commercial and recreational fisheries groups, Indian tribes, community organizations, and both national and international advisory groups. He received appointments to the Scientific and Statistical Committee of the Pacific Fishery Management Council, the Technical Subcommittee of the US-Canada Groundfish Committee, the Pacific Coast Ocean Observation System, and various other workshop panels and review bodies. Tom has published in peer-reviewed journals and symposium proceedings, presented papers at national and international meetings, and written reports for government agencies. 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. He also conducted post M.S. graduate studies in fisheries population dynamics and parameter estimation at the University of Washington.

**Dr Paul Medley** is an independent scientist with experience in mathematical modelling of fisheries and ecological systems and data management, including data acquisition to fit and test models, with the objective of providing scientific advice to fishery management. Bioeconomic modelling, with particular reference to interactions between different tuna fishing fleets, tropical fisheries, and developing new techniques for multispecies stock assessment based on maximum likelihood, Bayesian methods and decision theory. He has worked on a number of fisheries in detail including spiny lobster, conch, shrimp, squid and pelagics. He has been an invited expert for a number of stock assessment working group

meetings and stock assessment reviews. He has a wide practical experience in marine biology, including design and implementation of surveys and fisheries experiments using SCUBA and small research vessels. This includes addressing wider environmental issues of ecological management, including maintenance of marine biodiversity. Dr. Medley was directly involved in Greater Caribbean fisheries and environmental management, and in the decision making process involving discussions with politicians, civil servants and the fishing community. Experience in small scale fisheries has led to the development of new software and other tools suitable for small scale co-managed fisheries. He has an in-depth understanding of the MSC methodology and has been involved in developing the MSC certification methodology and various MSC assessments, including a number of North Sea pelagics and groundfish, Barents Sea and West Coast USA groundfish, Antarctic toothfish, icefish and krill. He has also helped prepare some fisheries for MSC certification, namely Suriname seabob shrimp, Bahamas spiny lobster and Madagascar octopus. He regularly conducts technical stock assessment reviews for the Centre for Independent Experts for the United States mainly temperate fisheries and has conducted fisheries project reviews for the European Union projects.

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