

SEDAR 16
South Atlantic and Gulf of Mexico King Mackerel
Workshop Document List

Document #	Title	Authors	Working Group
Documents Prepared for the Data Workshop			
SEDAR16-DW-01	Standardized Catch Rates of King Mackerel from the Southeast Shark Drift Gillnet Fishery: 1993-2007	Carlson, J.K., K. Siegfried, and I. Baremore	Indices
SEDAR16-DW-02	Biological data collection and ageing procedures under the Fisheries Information Network (FIN)	Donaldson, D. and G. Bray	Life History
SEDAR16-DW-03	Backcalculation of recreational catch of king mackerel from 1930 to 1980. SEFSC-SFD contribution.	Walter, J. F.	Recreational Statistics
SEDAR16-DW-04	Standardized catch rates of king mackerel from Florida commercial trip ticket data for the Gulf and South Atlantic 1986-2007.	Walter, J. F.	Indices
SEDAR16-DW-05	Estimating the king mackerel bycatch in the shrimp fisheries of the Gulf of Mexico and the south Atlantic	Siegfried, K.	Commercial Statistics
SEDAR16-DW-06	Batch fecundity and an attempt to estimate spawning frequency of king mackerel (<i>Scomberomorus cavalla</i>) in U.S. waters	Fitzhugh, G.R., C.F. Levins, W.T. Walling, M. Gamby, H. Lyon, and D.A. DeVries	Life History
SEDAR16-DW-07	A review of Gulf of Mexico and Atlantic king mackerel (<i>Scomberomorus cavalla</i>) age data, 1986 – 2007, from the Panama City Laboratory, Southeast Fisheries Science Center, NOAA Fisheries Service	Palmer, C., D. DeVries, and L. Lombardi-Carlson	Life History
SEDAR16-DW-08	Abundance Indices of King Mackerel, <i>Scomberomorus cavalla</i> , collected in Fall SEAMAP Groundfish Surveys in the Western U.S. Gulf of Mexico (1972-2007)	Ingram, Jr., G. Walter	Indices
SEDAR16-DW-09	Abundance Indices of King Mackerel, <i>Scomberomorus cavalla</i> , collected during SEAMAP Shallow Water Trawl Surveys in the South Atlantic Bight (1989-2006)	Ingram, Jr., G. Walter	Indices
SEDAR16-DW-10	Update analysis of king mackerel mark and recapture data from the NMFS SEFSC Cooperative Tagging Center	Ortiz, M.	Life History
SEDAR16-DW-11	Standardized catch rates of Atlantic king mackerel (<i>Scomberomorus cavalla</i>) from the North Carolina Commercial fisheries	Bianchi, A. and M. Ortiz	Indices

	trip ticket		
SEDAR16-DW-12	Review and estimates of von Bertalanffy growth curves for king mackerel Atlantic and Gulf of Mexico stock units	Ortiz, M. and C. Palmer	Life History
SEDAR16-DW-13	Analysis of king mackerel size and size-frequency samples data available for use in stock assessment	Ortiz, M.	Life History
SEDAR16-DW-14	Standardized catch rates of king mackerel, <i>Scomberomorus cavalla</i> from the Marine Recreational Fisheries Statistical Survey MRFSS	Ortiz, M.	Indices
SEDAR16-DW-15	Estimated conversion factors for calibrating MRFSS charterboat landings and effort estimates from the Southeastern US (North Carolina to Florida-east coast) in 1981-2003 with For-Hire Survey estimates with application to King Mackerel landings	Sminkey, T.	Recreational Statistics
SEDAR16-DW-16	Standardized catch rates of king mackerel (<i>Scomberomorus cavalla</i>) from the headboat fishery in the U.S. Gulf of Mexico and U.S. South Atlantic	Cass-Calay, S.L.	Indices
SEDAR16-DW-17	Spatial and temporal variability in the relative contribution of U.S. king mackerel (<i>Scomberomorus cavalla</i>) stocks to winter mixed fisheries off South Florida	Clardy, T.R., W.F. Patterson, III, D.A. DeVries, and C. Palmer	Life History
SEDAR16-DW-18	Age and Growth and Stock Mixing in Gulf of Mexico and Atlantic King Mackerel (<i>Scomberomorous cavalla</i>)	Shepard, K.W. F. Patterson, III, D. A. Devries, and C. Palmer	Life History
SEDAR16-DW-19	King Mackerel Length Frequencies and Condition of Released Fish from Florida and Alabama At-Sea Headboat Observer Surveys in the Gulf of Mexico and Atlantic Ocean, 2005 to 2007	Sauls, B.	Recreational Statistics
SEDAR16-DW-20	Data Summary of King Mackerel (<i>Scomberomorus cavalla</i>) Collected During Small Pelagic Trawl Surveys in the U.S. Gulf of Mexico, 1988 – 1996 and 2002-2007	Ingram, Jr., G. Walter	Indices
SEDAR16-DW-21	Recreational Survey Data for King Mackerel in the Atlantic and Gulf of Mexico	Matter, V.	Recreational Statistics
SEDAR16-DW-22	Standardized catch rates of king mackerel from the United States Gulf of Mexico, south Atlantic, and Mixing Zone commercial hook and line fisheries, 1993-2006	McCarthy, K.	Indices

SEDAR16-DW-23	Calculated discards of king mackerel from commercial fishing vessels in the Gulf of Mexico, south Atlantic, and Mixing Zone	McCarthy, K.	Commercial Statistics
SEDAR16-DW-24	Compilation of Historical Commercial Landings of King Mackerel, <i>Scomberomorus cavalla</i> , from US Coastal Waters in the Gulf of Mexico and Atlantic	Orhun, R.	Commercial Statistics
SEDAR16-DW-25	Estimates of released king mackerel in the South Atlantic and Gulf of Mexico Headboat fishery, 2004-2006.	Brennan, K.	Recreational Statistics
SEDAR16-DW-26	Estimation of the Stock Composition of Winter King Mackerel Fisheries off South Florida with Natural Tags Based on Otolith Stable Isotope Chemistry	Patterson, W.F., III, and Shepard, K.	Life History
SEDAR16-DW-27	Additional ageing data for Gulf of Mexico king mackerel	Shepard, K, and W.F. Patterson, III	Life History
SEDAR16-DW-28	Review of Catch, Catch at Size, Sex ratios and Catch at Age of king mackerel from U.S. Gulf of Mexico and South Atlantic fisheries	Ortiz, M.	Commercial and Recreational Statistics
SEDAR16-DW-29	King mackerel (<i>Scomberomorus cavalla</i>) larval indices of relative abundance from SEAMAP Fall plankton surveys, 1986 to 2006	Hanisko, David S. and J. Lyczkowski-Shultz	Indices
SEDAR16-DW-30	Discrimination Among U.S. South Atlantic and Gulf of Mexico King Mackerel Stocks With Otolith Shape Analysis and Otolith Microchemistry	Patterson, III, W.F., R.L. Shipp, T. R. Clardy, and Z. Chen	Life History
SEDAR16-DW-31	Review of king mackerel sampling data provided by The Fisheries Research in the Gulf of Mexico and Caribbean Sea at the Instituto Nacional de Pesca in Mexico	Ortiz, M.	Commercial Statistics
Documents Prepared for the Assessment Workshop			
SEDAR16-AW-01	Commercial King Mackerel Sampling Fractions for North Carolina by District,	Gloeckner, David	
SEDAR16-AW-02	Effects of King Mackerel Fishing Regulations on the Construction of Fisheries Dependent Indices of Abundance	McCarthy, K, S. Cass-Calay, M. Ortiz, and J. Walter	
SEDAR16-AW-03	Commercial King Mackerel Trip Sampling in NC, Differences in Fishing by State District	Gloeckner, David	
SEDAR16-AW-04	Technical Description of the Stock Synthesis II Assessment Program	Methot, Richard D.	
SEDAR16-AW-05	User Manual for the Integrated Analysis Program Stock Synthesis 2 (SS2)	Methot, Richard D.	

SEDAR16-AW-06	Virtual Population Analyses of Gulf of Mexico and Atlantic King Mackerel Migratory Groups: Continuity Case and Sensitivity Runs (Version 1)	Cass-Calay, S. and M. Ortiz	
SEDAR16-AW-07	Updated Estimates of Gulf king mackerel bycatch from the U.S. Gulf of Mexico Shrimp trawl fishery	Ortiz, M. and K. Andrews	
SEDAR16-AW-08	Preliminary Report King Mackerel stock assessment results 2008	Ortiz, M. R. Methot, S.L. Cass-Calay, and B. Linton	
SEDAR16-AW-09	Notes on the weighting of the indices for the king mackerel VPA analyses	Restrepo, V.R., S. Cass-Calay, and M. Ortiz	
SEDAR16-AW-10	Virtual Population Analyses of Gulf of Mexico and Atlantic King Mackerel Migratory Groups: Continuity Case and Sensitivity Runs (Version 2)	Cass-Calay, S., M. Ortiz and V.R. Restrepo	
SEDAR16-AW-11	Virtual Population Analyses of Gulf of Mexico and Atlantic King Mackerel Migratory Groups: Continuity Case and Sensitivity Runs (Version 3)	Cass-Calay, S., M. Ortiz and V.R. Restrepo	
SEDAR16-AW-12	Virtual Population Analyses of Gulf of Mexico and Atlantic King Mackerel Migratory Groups: Continuity Case and Sensitivity Runs (Version 4)	Cass-Calay, S., M. Ortiz and V.R. Restrepo	
Documents Prepared for the Review Workshop			
SEDAR16-RW-01	Virtual Population Analyses of Gulf of Mexico and Atlantic King Mackerel Migratory Groups: Continuity Case and Updated Runs Through July 2008	Cass-Calay, S., M. Ortiz and V.R. Restrepo	
Final Stock Assessment Reports			
SEDAR16-SAR			
Reference Documents			
SEDAR16-RD01	Microsatellite variation suggests substantial gene flow between king mackerel (<i>Scomberomorus cavalla</i>) in the western Atlantic Ocean and Gulf of Mexico	Broughton, R.E., L.B. Stewart, and J.R. Gold	
SEDAR16-RD02	Mitochondrial DNA variation in king mackerel (<i>Scomberomorus cavalla</i>) from the western Atlantic Ocean and Gulf of Mexico	Gold, J. R., Á. Y Kristmundsdottir, and L. R. Richardson	
SEDAR16-RD03	Population structure of king mackerel (<i>Scomberomorus cavalla</i>) around peninsular Florida, as revealed by microsatellite DNA	Gold, J. R., E. Pak and D. A. DeVries	

SEDAR16-RD04	Spatial and temporal variation in age composition and growth of king mackerel <i>Scomberomorus cavalla</i> from the southeastern U.S., 1986-1989; implications for stock structure and recruitment variability	DeVries, D.A. and C. Grimes	
SEDAR16-RD05	BREVIARIO DE LA PESQUERÍA DE SIERRA Y PETO DEL GOLFO DE MEXICO	Provided by M. Ortiz	
SEDAR16-RD06	Optimizing yields of king mackerel (<i>Scomberomorus cavalla</i>) fishery in the western and southern Gulf of Mexico	Chavez, E.A. and F. Arreguin-Sanchez	
SEDAR16-RD07	Population dynamics of the king mackerel (<i>Scomberomorus cavalla</i>) of the Campeche Bank, Mexico	Arreguin-Sanchez, F., M.A. Cabrera, F.A. Aguilar	
SEDAR16-RD08	THE FLORIDA KEYS WAY BACK WHEN... (<i>FISHING FOR KING MACKEREL IN THE "GOOD OLD DAYS" OF KEY WEST'S HISTORIC SEAPORT DISTRICT</i>)	Little, Jr, E.J.	
SEDAR16-RD09	King mackerel hooking mortality assessment	Edwards, Randy E.	
SEDAR16-RD10	Three different strategies for modeling the terminal-year fishing mortality rates in Virtual Population Analyses of western bluefin tuna: retrospective patterns and consequences for projections	Walter, J. and C. Porch	