

SEDAR 77
HMS Hammerheads
Workshop Document List

Document #	Title	Authors	Received
Documents Prepared for SEDAR 77 Stock ID process			
SEDAR77-SID01	Regional movements of great, <i>Sphyrna mokarran</i> , and scalloped, <i>Sphyrna lewini</i> , hammerhead sharks in the US Atlantic, Gulf of Mexico and the 2 Bahamas: preliminary results	Vital Heim, Dean Grubbs, Bryan Frazier, Matthew J. Smukall, Tristan L. Guttridge	6/28/2021
SEDAR77-SID02	Catches of Hammerhead Sharks from the Congressional Supplemental Sampling Program (CSSP) in the Northern Gulf of Mexico	Adam G. Pollack and David S. Hanisko	6/29/2021
SEDAR77-SID03	Supplementary Material: Regional movements of great, <i>Sphyrna mokarran</i> , 1 and scalloped, <i>Sphyrna lewini</i> , hammerhead sharks in the US Atlantic, Gulf 2 of Mexico and the Bahamas: preliminary results	Vital Heim, Dean Grubbs, Bryan Frazier, Matthew J. Smukall, Tristan L. Guttridge	6/29/2021
SEDAR77-SID04	Tag and recapture data for Great Hammerhead, <i>Sphyrna mokarran</i> , and Scalloped Hammerhead, <i>Sphyrna lewini</i> , sharks caught in the western Gulf of Mexico from 2014-2021	Kesley G. Banks, and Gregory W. Stunz	7/2/2021
SEDAR77-SID05	Residency and movements of juvenile great hammerheads, <i>Sphyrna mokarran</i> , in the Tampa Bay area: preliminary results	Jayne M. Gardiner, Tonya R. Wiley, Susan K. Lowerre-Barbieri, Kim Bassos-Hull, and Krystan Wilkinson	7/2/2021 Revised: 11/30/2021
SEDAR77-SID06	Directed Sustainable Fisheries, Inc. A Saltwater Fisheries Consulting Company: Some Large Hammerhead shark information based on shark fin business knowledge from the mid-1980's through to September 1997 from Rusty Hudson.	Rusty Hudson	7/5/2021
SEDAR77-SID07	Report on spatial movements of	Neil Hammerschlag	7/14/2021

	great and scalloped hammerhead sharks in the US Atlantic and Gulf of Mexico using Satellite tags		Revised: 9/8/21
Documents Prepared for SEDAR 77 Data process			
SEDAR77-DW01	Hammerhead Shark Catches from Bottom Longline and Pelagic Longline Surveys conducted by Mississippi Laboratories	Adam G. Pollack and David S. Hanisko	9/7/2021
SEDAR77-DW02	Report on spatial movements of great and scalloped hammerhead sharks in the US Atlantic and Gulf of Mexico using Satellite tags	Neil Hammerschlag	9/8/2021
SEDAR77-DW03	Morphometric conversions for great hammerhead <i>Sphyrna mokarran</i> and scalloped hammerhead <i>Sphyrna lewini</i> from the western North Atlantic Ocean and Gulf of Mexico	Lisa J. Natanson, Camilla T. McCandless William B. Driggers III, Eric R. Hoffmayer, Bryan S. Frazier, Carolyn N. Belcher, James Gelsleichter, Michelle S. Passerotti	11/8/2021
SEDAR77-DW04	Preliminary catches of hammerhead sharks in the U.S. Atlantic, Gulf of Mexico, and Caribbean	Enric Cortes	11/28/2021
SEDAR77-DW05	Hammerhead Shark (<i>Sphyrna spp.</i>) Electronic Monitoring Data Review from the Gulf of Mexico Bottom Longline Reef Fish Fishery	Max Lee, B.S., Genevieve Patrick, M.S., Carole Neidig, M.S., and Ryan Schloesser, Ph.D.	11/17/2021
SEDAR77-DW06	Size distribution and trends in relative abundance of scalloped hammerheads (<i>Sphyrna lewini</i>) in the northern Gulf of Mexico, 2006-2021	M. B. Jargowsky, S. P. Powers, and J. M. Drymon	11/29/2021 Revised: 12/16/21
SEDAR77-DW07	Post-release mortality and behavior of sharks in shore-based recreational fisheries using citizen scientists and low-cost tags	John A. Mohan , R.J. David Wells, Marcus Drymon, Gregory Stunz, and Matthew Streich	11/29/2021 Revised: 12/16/21
SEDAR77-DW08	Standardized abundance indices for scalloped hammerhead shark from the Pelagic Longline Observer Program, 1992-2019	John K. Carlson, Sasha Cushner, and Lawrence Beerkircher	11/28/2021

SEDAR77-DW09	Stress physiology of scalloped and great hammerhead sharks from a bottom longline fishery	Bianca K. Prohaska, Heather Marshall, R. Dean Grubbs, Bryan S. Frazier, John J. Morris, Alyssa Andres, Karissa Lear, Robert E Hueter, Bryan A Keller, Nicholas M Whitney	11/29/2021
SEDAR77-DW10	Stress physiology of scalloped and great hammerhead sharks from a bottom longline fishery: Supplemental Tables	Bianca K. Prohaska, Heather Marshall, R. Dean Grubbs, Bryan S. Frazier, John J. Morris, Alyssa Andres, Karissa Lear, Robert E Hueter, Bryan A Keller, Nicholas M Whitney	11/29/2021
SEDAR77-DW11	Age and growth of the great hammerhead, <i>Sphyrna mokarran</i> , in the western North Atlantic Ocean.	William B. Driggers III, Christian M. Jones, Kristin M. Hannan, Andrew Piercy, and Bryan S. Frazier	11/29/2021
SEDAR77-DW12	Standardized abundance indices from scalloped and great hammerhead from the Shark Bottom Longline Observer Program, 1994-2019	John K. Carlson and Alyssa N. Mathers	11/30/2021
SEDAR77-DW13	Standardized Abundance Indices for Scalloped Hammerhead from the Southeast Coastal Gillnet Fishery	John Carlson and Alyssa Mathers	11/30/2021
SEDAR77-DW14	Standardized Abundance Indices for Great Hammerhead from the Florida State University Longline Survey – with addendum	John Carlson and R. Dean Grubbs	11/30/2021 Addendum added: 3/21/2022
SEDAR77-DW15	Standardized Abundance Index for Great Hammerhead from the Rosenstiel School of Marine and Atmospheric Science Drumline Survey	John Carlson, Neil Hammerschlag and Robert J. Latour	11/30/2021 Revised: 2/9/2022
SEDAR77-DW16	Relative abundance index for	John K. Carlson and Mark	12/1/2021

	young-of-the-year scalloped hammerhead shark based on a fishery-independent gillnet survey off Texas, 1982-2019	Fisher	
SEDAR77-DW17	Relative abundance index for young-of-the-year scalloped hammerhead shark from the northeastern Gulf of Mexico	John K. Carlson, Jill Hendon, Jeremy Higgs, Dana M. Bethea, Bethany Deacy, Heather Moncrief-Cox, and Andrea Kroetz	12/1/2021
SEDAR77-DW18	Reproductive parameters of great hammerhead sharks (<i>Sphyrna mokarran</i>) and scalloped hammerhead sharks (<i>Sphyrna lewini</i>) from the western North Atlantic Ocean	Heather E. Moncrief-Cox, Kristin M. Hannan, Michelle S. Passerotti, William B. Driggers III and Bryan S. Frazier	12/1/2021
SEDAR77-DW19	Age and growth of scalloped (<i>Sphyrna lewini</i>) and Carolina (<i>Sphyrna gilberti</i>) hammerheads in the western North Atlantic Ocean	Bryan S. Frazier, Ashley S. Galloway, Lisa J. Natanson, Andrew N. Piercy, and William B. Driggers III	12/2/2021
SEDAR77-DW20	Bycatch estimates of scalloped and great hammerhead shark in the shark bottom longline fishery	John Carlson, Alyssa Mathers, Heather Moncrief-Cox, Kevin McCarthy	12/8/2021
SEDAR77-DW21	Bycatch Estimates of Scalloped and Great Hammerhead Shark in the Southeast Coastal Gillnet Fishery	John Carlson, Alyssa Mathers and Kevin McCarthy	12/8/2021
SEDAR77-DW22	Report on the post-release mortality rates of great hammerhead sharks <i>Sphyrna mokarran</i> in the recreational, catch and release, shore-based fishery in Florida, USA.	Hannah B. Medd and Jill L. Brooks	12/6/2021
SEDAR77-DW23	Relative abundance of scalloped hammerhead, <i>Sphyrna lewini</i> , and Carolina hammerhead, <i>Sphyrna gilberti</i> , along the southern U.S east	David S. Portnoy, Amanda M. Barker, and Bryan S. Frazier	12/8/2021

	coast.		
SEDAR77-DW24	Scalloped and Great Hammerheads Abundance Indices from NMFS Bottom Longline Surveys in the Northern Gulf of Mexico and Western North Atlantic	Adam G. Pollack and David S. Hanisko	12/9/2021
SEDAR77-DW25	Standardized Catch Rates Of Great Hammerheads (<i>Sphyrna Mokarran</i>) Collected During Bottom Longline Surveys In Coastal Waters Of The Northern Gulf Of Mexico, 2006-2019	Eric Hoffmayer, Adam Pollack, Jill Hendon, Marcus Drymon, and Sean Powers	12/10/21 Revised: 3/17/2022
SEDAR77-DW26	An Updated Literature Review of Post-Release Live-Discard Mortality Rate Estimates in Sharks for use in SEDAR 77	Dean Courtney, Alyssa Mathers, and Andrea Kroetz	12/13/21
SEDAR77-DW27	Estimation of scalloped and smooth hammerhead discards in the northeast gillnet fishery using data collected by the NOAA Northeast Fisheries Observer Program	Camilla T. McCandless and Joseph J. Mello	1/24/22 Revised: 1/29/2022
SEDAR77-DW28	Standardized index of abundance for scalloped hammerhead sharks from the NOAA Northeast Fisheries Science Center coastal shark bottom longline survey	Camilla T. McCandless and Lisa J. Natanson.	1/7/22
SEDAR77-DW29	Standardized indices of abundance for scalloped hammerhead sharks from the South Carolina Department of Natural Resources red drum and Southeast Area Monitoring and Assessment Program longline surveys	Camilla T. McCandless and Bryan S. Frazier	1/7/22
SEDAR77-DW30	Standardized index of abundance for scalloped hammerhead sharks from the South Carolina Department of Natural Resources, Cooperative Atlantic States Shark Pupping and Nursery long-gillnet survey	Camilla T. McCandless, Bryan S. Frazier, James Gelsleichter, and Carolyn N. Belcher.	1/7/22
SEDAR77-DW31	Standardized index of abundance for	Camilla T. McCandless	1/7/22

	scalloped hammerhead sharks from the South Carolina Department of Natural Resources, Cooperative Atlantic States Shark Pupping and Nursery long-gillnet survey	and Bryan S. Frazier	
SEDAR77-DW32	Standardized index of abundance for scalloped hammerhead sharks from the South Carolina Department of Natural Resources, Cooperative Atlantic States Shark Pupping and Nursery short-gillnet survey	Camilla T. McCandless and Bryan S. Frazier	1/7/22
SEDAR77-DW33	Standardized index of abundance for scalloped hammerhead sharks from the University of North Carolina shark longline survey south of Shakleford Banks	Camilla T. McCandless and Joel Fodrie	1/7/22
SEDAR77-DW34	Movement and post-release mortality data for great hammerheads, <i>Sphyrna mokarran</i> , tagged during research bottom longline surveys in the northern Gulf of Mexico from 2012-2014	Eric R. Hoffmayer, Jill M. Hendon, Jennifer A. McKinney, Brett Falterman, William B. Driggers III	12/16/21
SEDAR77-DW35	Hammerhead post-release mortality data summary for SEDAR	N.M. Whitney, K.O. Lear, H.M. Marshall, J. Morris, A.M. Andres, C.F. White, T. Driggers, B. Prohaska, J. Gelsleichter, B. Frazier, R.D. Grubbs	12/17/2021
SEDAR77-DW36	Report on post-release mortality of scalloped hammerhead, <i>Sphyrna lewini</i> , and great hammerhead, <i>Sphyrna mokarran</i>	Jayne M. Gardiner, Tonya R. Wiley, Jorge Brenner	1/24/2022
SEDAR77-DW37	Revised bycatch estimates of scalloped and great hammerhead shark in the shark bottom longline fishery	Xinsheng Zhang, John Carlson, Enric Cortés, Elizabeth Babcock, Robert Latour	1/31/22

SEDAR77-DW38	Revised Bycatch Estimates of Scalloped and Great Hammerhead Shark in the Southeast Coastal Gillnet Fishery	Xinsheng Zhang, John Carlson, Enric Cortés, Elizabeth Babcock, Robert Latour	1/31/22
Documents Prepared for SEDAR 77 Assessment process			
SEDAR77-AW01	Exploratory analysis of U.S Atlantic and Gulf of Mexico scalloped hammerhead recruitment indices	Henning Winker	5/27/2022
SEDAR77-AW02	Hierarchical analyses of U.S. Atlantic and Gulf of Mexico scalloped hammerhead recruitment indices	Camilla T. McCandless and John K. Carlson	5/31/2022
SEDAR77-AW03	Baysian	Cami	
SEDAR77-AW04	Estimates of vital rates and population dynamics parameters of interest for hammerhead sharks (<i>Sphyrna lewini</i> , <i>S. mokarran</i> , and <i>S. zygaena</i>) in the western North Atlantic Ocean	Enric Cortés	6/17/2022
SEDAR77-AW05	Reconciling age-0 indices of relative abundance of the U.S. Atlantic and Gulf of Mexico scalloped hammerhead (<i>Sphyrna lewini</i>)	Dean Courtney, Robert J. Latour, and Cassidy D. Peterson	6/20/2022
SEDAR77-AW06	Fishpath Questions	Enric Cortes	9/21/2022
SEDAR77-AW07	Selected FishPath Results for Smooth hammerhead shark, U.S. Atlantic and Gulf of Mexico	Enric Cortes	9/21/2022
SEDAR77-AW08	Selected FishPath Results for Smooth hammerhead shark, U.S. Atlantic and Gulf of Mexico:	Enric Cortes	9/21/2022

	Narrowed		
Documents Prepared for SEDAR 77 Review process			
SEDAR77-RW01			
Final Assessment Report			
SEDAR77-SAR1	SEDAR 77: Stock Assessment Report of HMS Hammerheads	To be prepared by SEDAR 77	
Reference Documents			
SEDAR77-RD01	Movement, Behavior, and Habitat Use of a Marine Apex Predator, the Scalloped Hammerhead	R. J. David Wells, Thomas C. TinHan, Michael A. Dance, J. Marcus Drymon, Brett Falterman, Matthew J. Ajemian, Gregory W. Stunz, John A. Mohan, Eric R. Hoffmayer, William B. Driggers III and Jennifer A. McKinney	5/27/2021/
SEDAR77-RD02	First Verified Record of the Smooth Hammerhead (Sphyrna zygaena) in Coastal Waters of the Northern Gulf of Mexico with a Review of their Occurrence in the Western North Atlantic Ocean	Bethany M. Deacy, Heather E. Moncrief-Cox, and John K. Carlson	5/27/2021
SEDAR77-RD03	Use of marine protected areas and exclusive economic zones in the subtropical western North Atlantic Ocean by large highly mobile sharks	Fiona Graham, Patrick Rynne, Maria Estevanez, Jiangang Luo, Jerald S. Ault and Neil Hammerschlag	5/27/2021
SEDAR77-RD04	Overlap between highly suitable habitats and longline gear management areas reveals vulnerable and protected regions for highly migratory sharks	Hannah Calich, Maria Estevanez, Neil Hammerschlag	5/27/2021
SEDAR77-RD05	Regional-scale variability in the movement ecology of marine fishes revealed by an integrative acoustic tracking network	Claudia Friess, Susan K. Lowerre-Barbieri, Gregg R. Poulakis, Neil Hammerschlag, Jayne M. Gardiner, Andrea M. Kroetz, Kim Bassos-Hull, Joel Bickford, Erin C. Bohaboy, Robert D. Ellis,	5/27/2021

		Hayden Menendez, William F. Patterson III, Melissa E. Price, Jennifer S. Rehage, Colin P. Shea, Matthew J. Smukall, Sarah Walters Burnsed, Krystan A. Wilkinson, Joy Young, Angela B. Collins, Breanna C. DeGroot, Cheston T. Peterson, Caleb Purtlebaugh, Michael Randall, Rachel M. Scharer, Ryan W. Schloesser, Tonya R. Wiley, Gina A. Alvarez, Andy J. Danylchuk, Adam G. Fox, R. Dean Grubbs, Ashley Hill, James V. Locascio, Patrick M. O'Donnell, Gregory B. Skomal, Fred G. Whoriskey, Lucas P. Griffin	
SEDAR77-RD06	Restricted connectivity and population genetic fragility in a globally endangered Hammerhead Shark	Danillo Pinhal, Rodrigo R. Domingues, Christine C. Bruels, Bruno L. S. Ferrette, Otto B. F. Gadig, Mahmood S. Shivji, Cesar Martins	5/27/2021
SEDAR77-RD07	Tracking the Fin Trade: Genetic Stock Identification in western Atlantic scalloped hammerhead sharks <i>Sphyrna lewini</i>	Demian D. Chapman, Danillo Pinhal, Mahmood S. Shivji	5/27/2021
SEDAR77-RD08	Seasonal Movements and Habitat Use of Juvenile Smooth Hammerhead Sharks in the Western North Atlantic Ocean and Significance for Management	Ryan K. Logan, Jeremy J. Vaudo, Lara L. Sousa, Mark Sampson, Bradley M. Wetherbee and Mahmood S. Shivji	5/27/2021
SEDAR77-RD09	The complete mitochondrial genome of the endangered great hammerhead shark, <i>Sphyrna mokarran</i>	Cassandra L. Ruck, Nicholas Marra, Mahmood S. Shivji & Michael J. Stanhope	6/18/2021
SEDAR77-RD10	New insights into the migration patterns of the scalloped hammerhead shark <i>Sphyrna lewini</i>	Claire Coiraton, Felipe Amezcua, James T. Ketchum	6/18/2021

	based on vertebral microchemistry		
SEDAR77-RD11	Global Phylogeography with Mixed-Marker Analysis Reveals Male-Mediated Dispersal in the Endangered Scalloped Hammerhead Shark (<i>Sphyrna lewini</i>)	Toby S. Daly-Engel, Kanesa D. Seraphin, Kim N. Holland, John P. Coffey, Holly A. Nance, Robert J. Toonen, Brian W. Bowen	6/18/2021
SEDAR77-RD12	Species composition of the largest shark fin retail-market in mainland China	Diego Cardeños, Andrew T. Fields, Elizabeth A. Babcock, Stanley K. H. Shea, Kevin A. Feldheim & Demian D. Chapman	6/18/2021
SEDAR77-RD13	Identification of young-of-the-year great hammerhead shark <i>Sphyrna mokarran</i> in northern Florida and South Carolina	A. M. Barker, B. S. Frazier, D. M. Bethea, J. R. Gold and D. S. Portnoy	6/18/2021
SEDAR77-RD14	<i>Sphyrna gilberti</i> sp. nov., a new hammerhead shark (Carcharhiniformes, Sphyrnidae) from the western Atlantic Ocean	Joseph M. Quattro, William B. Driggers Iii, James M. Grady, Glenn F. Ulrich & Mark A. Roberts	6/18/2021
SEDAR77-RD15	Genetic evidence of cryptic speciation within hammerhead sharks (Genus <i>Sphyrna</i>)	J. M. Quattro, D. S. Stoner, W. B. Driggers C. A. Anderson, K. A. Priede, E. C. Hoppmann N. H. Campbell, K. M. Duncan, J. M. Grady	6/18/2021
SEDAR77-RD16	Philopatry and Regional Connectivity of the Great Hammerhead Shark, <i>Sphyrna mokarran</i> in the U.S. and Bahamas	Tristan L. Guttridge, Maurits P. M. Van Zinnicq Bergmann, Chris Bolte, Lucy A. Howey, Jean S. Finger, Steven T. Kessel, Jill L. Brooks, William Winram, Mark E. Bond, Lance K. B. Jordan, Rachael C. Cashman, Emily R. Tolentino, R. Dean Grubbs and Samuel H. Gruber	6/18/2021
SEDARE77-RD17	Potential distribution of critically endangered hammerhead sharks and overlap with the small-scale fishing fleet in the southern Gulf of Mexico	Mercedes Yamily Chi Chan, Oscar Sosa-Nishizaki, Juan Carlos Pérez-Jiménez	6/23/2021 Revised: 6/29/2021
SEDAR77-RD18	Complete mitogenome sequences of smooth hammerhead sharks, <i>Sphyrna zygaena</i> , from the eastern	Derek S. Guy, Cassandra L. Ruck, Jose V. Lopez & Mahmood S. Shivji	6/18/2021

	and western Atlantic		
SEDAR77-RD19	Cryptic hammerhead shark lineage occurrence in the western South Atlantic revealed by DNA analysis	D. Pinhal, M. S. Shivji · M. Vallinoto, D. D. Chapman, O. B. F. Gadig, C. Martins	6/18/2021
SEDAR77-RD20	Double tagging clarifies post-release fate of great hammerheads (<i>Sphyrna mokarran</i>)	J. Marcus Drymon and R. J. David Wells	6/22/2021
SEDAR77-RD21	Defining Sex-Specific Habitat Suitability for a Northern Gulf of Mexico Shark Assemblage	J. M. Drymon, S. Dedman, J. T. Froeschke, E. A. Seubert, A. E. Jefferson, A. M. Kroetz, J. F. Mareska and S. P. Powers	6/22/2021
SEDAR77-RD22	Distribution and relative abundance of scalloped (<i>Sphyrna lewini</i>) and Carolina (<i>S. gilberti</i>) hammerheads in the western North Atlantic Ocean	Amanda M. Barker Bryan S. Frazier, Douglas H. Adams, Christine N. Bedore, Carolyn N. Belcher, William B. Driggers III, Ashley S. Galloway, James Gelsleichter, R. Dean Grubbs, Eric A. Reyier, David S. Portnoy	6/23/2021
SEDAR77-RD23	Distributions and Movements of Atlantic Shark Species: A 52-Year Retrospective Atlas of Mark and Recapture Data	Nancy E. Kohler And Patricia A. Turner	7/6/2021
SEDAR77-RD24	First identification of probable nursery habitat for critically endangered great hammerhead <i>Sphyrna mokarran</i> on the Atlantic Coast of the United States	Catherine Macdonald, Jacob Jerome, Christian Pankow, Nicholas Perni, Kristina Black, David Shiffman, Julia Wester	7/12/2021
SEDAR77-RD25	Characterization of a scalloped hammerhead (<i>Sphyrna lewini</i>) nursery habitat in portions of the Atlantic Intracoastal Waterway	Bryanna N. Wargat	7/15/2021
SEDAR77-RD26	Age and growth of the great hammerhead shark, <i>Sphyrna mokarran</i> , in the north-western Atlantic Ocean and Gulf of Mexico	Andrew N. Piercy, John K. Carlson and Michelle S. Passerotti	9/8/2021
SEDAR77-RD27	Status Review Report: Great Hammerhead Shark (<i>Sphyrna mokarran</i>)	Margaret Miller, John Carlson, LeAnn Hogan, and Donald Kobayashi	9/8/2021

SEDAR77-RD28	Hammerhead Sharks of the Northwest Atlantic and Gulf of Mexico (2014 – 2020)	Lisa Clarke, Librarian, NOAA Central Library	9/8/2021
SEDAR77-RD29	Age validation of great hammerhead shark (<i>Sphyrna mokarran</i>), determined by bomb radiocarbon analysis	Michelle S. Passerotti John K. Carlson Andrew N. Piercy Steven E. Campana	9/8/2021
SEDAR77-RD30	Age and growth of the smooth hammerhead, <i>Sphyrna zygaena</i> , in the Atlantic Ocean: comparison with other hammerhead species	Daniela Rosa, Rui Coelho, Joana Fernandez-Carvalho & Miguel N. Santos	9/8/2021
SEDAR77-RD31	Status Review Report: Scalloped Hammerhead Shark (<i>Sphyrna lewini</i>)	Margaret H. Miller, Dr. John Carlson, Peter Cooper, Dr. Donald Kobayashi, Marta Nammack, and Jackie Wilson	9/8/2021
SEDAR77-RD32	Age and growth of the scalloped hammerhead shark, <i>Sphyrna lewini</i> , in the north-west Atlantic Ocean and Gulf of Mexico	Andrew N. Piercy, John K. Carlson, James A. Sulikowski and George H. Burgess	9/8/2021
SEDAR77-RD33	Scalloped hammerhead shark (<i>Sphyrna lewini</i>) 2014-2019	Trevor Riley, Head of Public Services, NOAA Central Library	9/8/2021
SEDAR77-RD34	The biology and conservation status of the large hammerhead shark complex: the great, scalloped, and smooth hammerheads	Austin J. Gallagher and A. Peter Klimley	9/8/2021
SEDAR77-RD35	Hooking mortality of scalloped hammerhead <i>Sphyrna lewini</i> and great hammerhead <i>Sphyrna mokarran</i> sharks caught on bottom longlines	SJB Gulak, AJ de Ron Santiago & JK Carlson	9/8/2021
SEDAR77-RD36	ENDANGERED SPECIES ACT STATUS REVIEW REPORT Smooth Hammerhead Shark (<i>Sphyrna zygaena</i>)	M.H. Miller	9/8/2021
SEDAR77-RD37	Scalloped Hammerhead Shark (<i>Sphyrna lewini</i>) 5-Year Review: Summary and Evaluation	National Marine Fisheries Service Office of Protected Resources Silver Spring, MD	9/8/2021

SEDAR77-RD38	Periodicity of the growth-band formation in vertebrae of juvenile scalloped hammerhead shark <i>Sphyrna lewini</i> from the Mexican Pacific Ocean	C. Coiraton, J. Tovar-Ávila, K. C. Garcés-García, J. A. Rodríguez-Madrigo, R. Gallegos-Camacho, D. A. Chávez-Arrenquín, F. Amezcua	9/8/2021
SEDAR77-RD39	Range extension of the Endangered great hammerhead shark <i>Sphyrna mokarran</i> in the Northwest Atlantic: preliminary data and significance for conservation	Neil Hammerschlag, Austin J. Gallagher, Dominique M. Lazarre, and Curt Slonim	9/8/2021
SEDAR77-RD40	Identification of a nursery area for the critically endangered hammerhead shark (<i>Sphyrna lewini</i>) amid intense fisheries in the southern Gulf of Mexico	Gabriela Alejandra Cuevas-Gómez, Juan Carlos Pérez-Jiménez, Iván Méndez-Loeza, Maribel Carrera-Fernández, and José Leonardo Castillo-Géniz	9/8/2021
SEDAR77-RD41	SEDAR65-RD20 - An Updated Literature Review of Post-release Live-discard Mortality Rate Estimates in Sharks for use in SEDAR 65	Dean Courtney and Alyssa Mathers	9/23/2021
SEDAR77-RD42	Physiological stress response, reflex impairment, and survival of five sympatric shark species following experimental capture and release	A. J. Gallagher, J. E. Serafy, S. J. Cooke, N. Hammerschlag,	9/23/2021
SEDAR77-RD43	Integrating reflexes with physiological measures to evaluate coastal shark stress response to capture	J. M. Jerome, A. J. Gallagher, S. J. Cooke, and N. Hammerschlag	9/23/2021
SEDAR77-RD44	SEDAR29-WP17- A preliminary review of post-release live-discard mortality estimates for sharks.	Dean Courtney	12/14/21
SEDAR77-RD45	SEDAR34-WP08- A preliminary review of post-release live-discard mortality rate estimates in sharks for use in SEDAR 34	Dean Courtney	12/14/21

SEDAR77-RD46	SEDAR39-DW21 - A preliminary review of post-release live-discard mortality rate estimates in sharks for use in SEDAR 39.	Dean Courtney	12/14/21
SEDAR77-RD47	Updated Post-release Live-discard Mortality Rate and Range of Uncertainty Developed for Blacktip Sharks Captured in Hook and Line Recreational Fisheries for use in the SEDAR 29-Update	Dean Courtney	12/14/2021
SEDAR77-RD48	Meta-analysis of post-release fishing mortality in apex predatory pelagic sharks and white marlin	Michael K. Musyl and Eric L. Gilman	1/31/2022
SEDAR77-RD49	Stock Assessment of Scalloped Hammerheads in the Western North Atlantic Ocean and Gulf of Mexico	Christopher G. Hayes, Yan Jiao, and Enric Cortes	11/30/2020
SEDAR77-RD50	Poor-data and data-poor species stock assessment using a Bayesian hierarchical approach	Yan Jiao, Enric Cortes, Kate Andrews, And Feng Guo	11/30/2020
SEDAR77-RD51	Hierarchical Bayesian approach for population dynamics modelling of fish complexes without species-specific data	Yan Jiao, Christopher Hayes, and Enric Cortes	11/30/2020
SEDAR77-RD52	Highly migratory species predictive spatial modeling (PRiSM): an analytical framework for assessing the performance of spatial fisheries management	Daniel P. Crear, Tobey H. Curtis, Stephen J. Durkee, John K. Carlson	5/26/2022
SEDAR77-RD53	Dynamic factor analysis to reconcile conflicting survey indices of abundance	Cassidy D. Peterson, Michael J. Wilberg, Enric Cortes, and Robert J. Latour	5/26/2022
SEDAR77-RD54	SEDAR 65 - AW03: Reconciling indices of relative abundance of the Atlantic blacktip shark (<i>Carcharhinus limbatus</i>)	Robert J. Latour and Cassidy D. Peterson	5/31/2022