

Richard B. Stone
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Professional Experience

Private Sector - Marine Fisheries Consultant

1996 - present: Sole proprietorship consulting company specializing in highly migratory species (HMS) management and research, fishery data collection, interactive management, dispute resolution, recreational fishery development, fishery management plan development, review and comment on fishery regulatory actions, research and management planning for artificial reef development (domestic and international), artificial reef plan development, and international aspects of HMS research and management. Technical Advisor for U.S. Advisory Committee for the International Commission for the Conservation of Atlantic Tunas (ICCAT), Chairman of the Advisory Committee for the Atlantic Coastal Cooperative Statistics Program, member of the NC Marine Fisheries Commission Southeast Regional Advisory Committee, and science advisor for the Long Bay Artificial Reef Association.

U.S. Government - Marine Fisheries Research and Management (32 years)

1992 - 1996: Chief, Highly Migratory Species Management Division, Office of Fisheries Conservation and Management, National Marine Fisheries Service (Department of Commerce) - Headquarters. Directed Atlantic HMS management and coordinated research and management budgets for Atlantic HMS. Developed and instituted an interactive research and management policy for HMS bringing outside fishery interests more into the HMS management process. Supervised and participated in the development of fishery management actions for HMS including fishery regulations, fishery management plans, amendments to plans, and fishery closures. Prepared draft National Oceanic and Atmospheric Administration/National Marine Fisheries Service (Agency) policy positions on HMS, Congressional briefing documents and gave briefings on HMS at all levels of the Agency. Participated in international management of HMS as member of U.S. Delegation to Japan, Canada, and Mexico and to ICCAT meetings (1978-1995). Agency expert on artificial reef research and management issues.

1976 - 1991: Recreational Fisheries Officer/Fisheries Management Specialist Headquarters. Coordinated Agency artificial reef activities, developed artificial reef policy, provided technical assistance to states and other countries on artificial reef development. Drafted marine recreational fisheries policy documents and coordinated or helped to coordinate marine recreational fisheries activities within the Agency. Served as key Agency contact with recreational fishing organizations and individuals. Set up task force to address recreational fishery data needs. Specifically developed Agency policy on artificial reefs through coordinating development of the National Artificial Reef Plan that involved bringing top artificial reef experts in the U. S. together to draft report. Worked with Sea Grant, The Sport Fishing Institute, and the Atlantic States Marine Fisheries Commission to develop an easily accessible data base for state and federal artificial reef activities. Worked on HMS fishery management plans and drafted policy guidance

for foreign fishing on HMS in the U.S. fishery conservation zone. Drafted, with the General Counsel for Fisheries, the Agency policy on managing billfish as a recreational fishery. Coordinated Headquarters ICCAT research and management activities. Served on steering committees for five international artificial reef conferences and chaired one.

1964 - 1976: Biological Oceanographer/Fishery Biologist - Sandy Hook Laboratory (NJ) and Beaufort Laboratory (NC). Directed artificial reef research for the Agency. Planned, conducted, and supervised scientific evaluation of artificial reefs to determine how and why fishes use reefs, comparative reef material efficiency, life histories of fishes using artificial reefs, and the effect of artificial reefs on recreational fishing. Collected and analyzed quantitative data on the increase in standing crop of fishes in the area of a natural, patch reef after adding an artificial reef of similar size nearby in the Biscayne National Monument, Florida. Completed a study of population dynamics of fishes on artificial reefs off Murrells Inlet, SC and directed a study to compare sport fishing catch and effort data from man-made and natural habitats off Murrells Inlet, SC and New York/New Jersey. Supervised tagging studies on mackerels to determine seasonal distribution and developed a format for recording tag release and recovery data. Supervised and conducted aerial temperature surveys with infrared sensors to study the distribution and abundance of surface schooling fishes in relation to temperature patterns. Participated as technical/scientific advisor to state and local artificial reef committees. Prepared the Environmental Impact Statement for the use of Liberty Ships as artificial reef material off the Virginia Capes.

Selected Publications (from over 45)

Stone, RB., H.L. Pratt, RO. Parker, Jr., and GE. Davis. 1979. A comparison of fish populations on an artificial and natural reef in the Florida Keys. *Marine Fisheries Review*, 41: 1-11.

Stone, RB., compiler. 1985b. National artificial reef plan. NOAA Technical Memorandum NMFS OF-6. U.S. National Marine Fisheries Service, Washington, DC.

Stone, RB., JM. McGurrin, LM. Spreague, and W. Seaman, Jr. 1991. Artificial habitats of the world: synopsis and major trends. Pp. 31-60 *in* William Seaman, Jr. and Lucian M. Spreague, eds. *Artificial habitats for marine and freshwater fisheries*. Academic Press, Inc. San Diego, CA.

Stone, Richard B., C. Michael Bailey, Sarah A. McLaughlin, Pamela M. Mace. and Margo B. Schultz. 1998. *Federal Management of the Atlantic Shark Fisheries*. Elsevier, Fisheries Research 808, 1-7.