
VINCENT J. CAPONE, Jr., M.Sc.

EDUCATION

M.Sc., Marine Science (Minor: Exp. Statistics), 1986, Louisiana State University, LA
B.Sc., Marine Biology (Minor: Geology), 1982, Fairleigh Dickinson University, NJ
Advanced Degree Courses, 1981, the West Indies Laboratory, U.S. Virgin Islands

EXPERIENCE SYNOPSIS

Mr. Capone's marine technology and survey experience spans over 35 years of worldwide hydrographic and underwater search and survey operations. He is an expert in side scan sonar search operations/sonar image analysis and regularly conducted training seminars for the U.S. Navy, law enforcement, fire rescue, and commercial clients. Vince is recognized by the U.S. Navy and the U.S. Federal Court system as a side scan sonar subject matter expert (SME).

Vince was a sonar subject-matter expert (SME, Level IV) for the U.S. Navy, designing courses and teaching fundamental sonar analysis, Basic and advanced Post-Mission Analysis (PMA), and unclassified mine identification. His training events included members of EOD, UCT, SOCOM Divers, Deep Submergence Unit, NAVSEA, NAVFAC, NIWC, SPAWAR, NOMWIC, Mobile Diving Units, IHMEP, and NSWC. In conjunction with the U.S. DoD's HMA/HDTC programs, he also developed and taught sonar and magnetometer-based Explosive Remnants of War (ERW) detection to NATO allies.

He assisted in evaluating and training on EOD's small synthetic aperture minehunter (SSAM) and automatic target recognition (ATR). Vince is the author of over thirty-five military and commercial marine technology training videos, including the Black Laser 2nd edition *Not in the Manual Guide® to Sonar Image Interpretation*, with over 850 copies circulating worldwide.

Vince developed and taught the original sonar training classes for the US Navy MK 18 UUV program at the Mine Warfare Training Center in San Diego, including the Advanced Post-Mission Analysis (APMA) and unclassified side-scan mine identification courses. He also developed a complete hydrographic training program for the US Navy Underwater Construction Teams (UCT). Vince has surveyed with and/or provided training for US Navy groups, including MDSU, UCT, NAVSEA, NAVFAC, NIWC, SPAWAR, NSWC, NSCT One, SOCOM, EOD, IMEP, and NOMWC, as well as government agencies such as the US Federal Bureau of Investigation, USEPA, and US Army Corps of Engineers.

Additionally, he has conducted training for allied forces from Israel, Estonia, Montenegro, Brazil, Ireland, the Netherlands, the Solomon Islands Royal Police, and NGOs in Cambodia, Canada, South Korea, and New Zealand. Vince has also taught or worked with investigators from the US Federal Bureau of Investigation, Royal Canadian Mounted Police, US Environmental Protection Agency, the U.S. Department of Justice, the U.S. Army Corps of Engineers, and NOAA (National Oceanic and Atmospheric Administration),

Mr. Capone was the operations manager for the search for and recovery of Apollo rocket motors from over 14,000 fsw. He supported the U.S. Navy Supervisor of Salvage with debris search operations for the space shuttle *Columbia*. In 2004, Vince located the previously undiscovered German U-Boat *U-215* for National Geographic International's "Sea Hunters" T.V. series. In 1990, as a member of the Batteau Below team, Mr. Capone discovered the Lake George *Radeau*, America's oldest intact warship, which is now a historic underwater park.

PROFESSIONAL EXPERIENCE

December 2008 - Present: *Principal, Black Laser Learning, Inc®. (BLL) Bath, ME (Previously Hockessin, DE)*

BLL develops and conducts training seminars and provides multimedia training programs for sonar, marine geophysical, and hydrographic operations. It also provides consulting and expert data analysis.

January 2001-2009: *Principal, Barkentine, Inc., Landenberg, PA*

Provide planning, logistics, execution, supervision, and expert analysis of sonar and hydrographic operations, including sonar data processing—instruction for military and civilian sonar operators.

January 1994-2003: *Staff Associate, Marine Operations, Enviroscean, Inc., Lancaster, PA*

Supervise and conduct marine geophysical investigations for private, state, federal, commercial, and industrial clients throughout the United States. Perform land-based GPR, EM, magnetic, and acoustic investigations.

May 1990-2000: *Principal, Marine Search & Survey, Princeton, NJ/ Wilmington, DE*

He founded and directed the firm, which specialized in underwater search and hydrographic survey operations using various sonar, remotely operated vehicles, and navigation systems. Services included the location and documentation of historic shipwrecks, underwater search OPS, archaeological surveys, hydrographic surveys, and marine technical training.

June 1989-1990: *Assistant Project Manager, Oceaneering, Falls Church, VA*

Worldwide search and survey operations for commercial clients and U.S. Navy SUPSALV.

July 1985-April 1989: *Marine and Aquatic Sciences Division Manager, Kaselaan & D'Angelo Associates, Inc., Haddon Heights, NJ.*

Developed and managed the marine and aquatic sciences division. Responsible for marketing, bid preparation, field operations, and equipment maintenance.

Sept-Dec. 1981: *West Indies Laboratory*, St. Croix U.S. Virgin Islands

EXPERT WITNESS COURT TESTIMONY

- 1) *Shell Offshore Inc. vs. Tesla Offshore, LLC*, et al. for Frilot, LLP, New Orleans, LA (2015-2016)
 - a. Expert Witness – Deepwater sonar surveys and survey navigation
- 2) *MV Athos I* vs Citgo Asphalt Refining – U.S. District Court (2008 and 2015)
 - a. Expert Witness - Tides, Hydrographic Surveys, Sonar Surveys, and Echosounder Data
- 3) *State of N.Y. vs. Allen S. Gold* - Suffolk County, New York. Expert
 - a. Witness - Underwater Search OPS, Set and Drift

EXPERT TECHNICAL ANALYSIS/ FIELD INVESTIGATIONS (ABRIDGED)

- 1) *MV Maersk Surabaya – Facility Damage from Prop Wash, Multibeam Echosounder Data Analysis* for Independent Maritime Consultants. (2023-24).
 - a. Analyzed existing hydrographic data
 - b. Specify and supervise high-resolution MBES Survey.
 - c. Analyze MBES Data
 - d. Analyze Side Scan Sonar Data
 - e. Prepare Expert Witness Documents
- 2) *MV Vindonissa – Potential Grounding Hydrographic Analysis* for Watson and Farley, London UK. (2021).
 - a. Analyzed existing hydrographic data
 - b. Superimposed ship track over survey data.
 - c. Water Level/Tide Analysis
- 3) *MV Orient Rise – Anchor Loss Survey and Risk Assessment* for Independent Maritime Consulting, Southport, CT. (2019).
 - a. Analyzed existing sonar and hydrographic data
 - b. Specify additional survey requirements and supervise data collection
 - c. Analyzed follow-up survey data.
 - d. Reported results of the second survey data analysis

- 4) *MV Stena Primorsk - Grounding in Hudson River* for Independent Maritime Consulting, Southport, CT, and Northern Marine Management, U.K. (2013).
 - a. Field Supervision of Hydrographic/Sonar Surveys
 - b. Analysis and Reporting of Collected Data
- 5) *MV Harrier - Grounding* for Independent Maritime Consulting, South Port, CT
 - a. Analysis of USACE Survey Data (2011-2013)
 - b. Analysis of Ship's Navigation Data
- 6) *Optical Communications Group vs M/V Ambassador – Cable Extraction* for Rubin Fiorella and Friedman, New York, NY
 - a. Analysis of sonar/ship data and interview commercial divers regarding cable extraction. (2010/2011)
- 7) *MV Athos I vs Citgo Asphalt Refining Grounding* for Montgomery, McCracken, Walker & Rhodes, Philadelphia, PA
 - a. Analysis of tide, single beam hydrographic survey, multibeam survey, ship's echosounder data, and side scan sonar data. (2005-2015)
- 8) *M/V Jo Kashi – Dock Damage, Struck Westway Terminal Philadelphia* for Montgomery, McCracken, Walker & Rhodes, Philadelphia, PA
 - a. Analysis of USACE Survey data (2007)
- 9) *M/V Spar Cetus – Grounding Delaware River for Independent Maritime Consulting, South Port, CT*
 - a. Analysis of environmental and current data (2008)
- 10) *MV Fase D – Struck Bottom* for Independent Maritime Consulting, South Port, CT
 - a. Analysis of USACE Survey Data (2005)
 - b. Independent Maritime Consulting, South Port, CT
- 11) *McAllister Barge – Struck Diamond Reef Hudson River* for Tisdale & Lennon, Southport, CT.
 - a. Side Scan Sonar and Hydrographic Survey (2005)
- 12) *M/V A. V. Kastner – Collided with Norfolk Dredging Tug and Barges* for Ober Kaler, Baltimore, MD
 - a. Analysis of USACE Side Scan Sonar and Hydrographic Survey Data (2002)

AWARDS

Citation of Merit, International Explorer's Club, 2014
Certificate of Achievement, Bateaux Below, 1994
Explorer of the Year, International Explorers Club, Philadelphia Chapter, 1990
AALGBRT Achievement Award, 1989

PROFESSIONAL REGISTRATIONS AND AFFILIATIONS

Fellow, International Explorers Club
Former Member, Hydrographic Society
Patron, Marine Technology Society
Frequent Invited Lecturer or Instructor at Universities and Symposia

TECHNICAL INSTRUCTOR / SME IV TRAINING EXPERIENCE (Abridged)

2026 March 2026: *Towed Klein Side Scan Sonar Theory and Field Operations*, University of Delaware, Long Island Sound.

April 2026: *Towed Klein Side Scan Sonar Theory and Field Operations w Emphasis on Ghost Trap Location*, General Oceans Foundation and OceansWide, Penobscot Bay. ME

June 2026: *Deep Ocean Towed Side Scan Training and Field OPS*, UNC, aboard the University of Delaware Research Vessel Hugh Sharp.

2025
Jan 2025: *Side Scan Sonar Theory*, HYPACK 2025, Texas.

2024
October 2024: *Ghost Trap Sonar Detection Workshop*, University of Delaware, Lewes, DE.
April 2024: *Custom Side Scan Sonar and Magnetometer Training*, New Zealand Navy, Auckland, NZ
May 2024: *3-Day Sonar Training & Marine Technology Review*, US NAVFAC, Port Hueneme, CA.

2023

July 2023: *Custom Hydrographic Sensor and Side Scan Sonar Data Analysis Training*, Oceaneering, Broussard, LA

June 2023: *Klein 3-Day Sonar Training*, Klein Marine Systems/Mind Technology, Seacoast Center, Rye, NH.

May 2023: *Humminbird Sonar Training for Search and Recovery*, Clark County SAR/GSD, Portland, OR

2022

June 2022: *Humminbird Hull Mounted Sonar Operations and Image Analysis for Fire Rescue and Law Enforcement*, Sabattus Fire Dept. Sabattus, ME.

April 2022: *3-Day Klein Side Scan Sonar Image Analysis and Field Operations Training*, Portsmouth, NH.

February 2022: *EdgeTech 4125 and Sonar EMILY Humminbird; Operations and Data Analysis*, Hollaway Terrace Fire Company, New Castle, Delaware.

January 2022: *Principles of Single Beam Hydrographic Surveys*. Texas A&M.

1987 – 2021 (Representative Sample)

December 2021: *Hull Mounted Sonar Operations and Image Analysis for Fire Rescue and Law Enforcement*, Marion County Sheriff, Marion County, FL.

September 2021: *Hull Mounted Sonar Operations and Image Analysis for Fire Rescue and Law Enforcement*, Delaware Sea Grant & The University of Delaware, Lewes, DE.

February 2021: *Advanced MCM Sonar Analysis & Mine Identification*, TEU-ONE San Diego, CA.

January 2021: *Hull Mounted Sonar Operations and Image Analysis for Fire Rescue and Law Enforcement*, Delaware State Police, New Castle, DE.

February 2020: *Hull Mounted Sonar Operations and Image Analysis for Fire Rescue and Law Enforcement*, Sarasota County, FL.

November 2019: *Advanced Post Mission Analysis & Mine Identification*, NOMWC Stennis Space Center, MS.

October 2019: *UCT Basic Hydrographic Technician Training*, U.S. Navy UCT, Port Hueneme, CA.

August 2019: *EdgeTech 4125; Operations and Data Analysis*, EOD TEU, San Diego, CA.

June 2019: *Humminbird SOLIX/SAR HAWK UXO Search OPS*, Estonian EOD, Tartu, Estonia.

January 2015: *Field training for Hydrographic Survey and Side Scan Sonar Operations*, EXWC Dive Locker, Port Hueneme, CA.

January 2015: *Side Scan Sonar Image Analysis Post Mission Analysis & Mine Identification*, U.S. Navy Mine Warfare Center, San Diego, CA.

September 2014: Field training for tandem towed Side Scan Sonar and MAG operations UCT One & Two and EOD 5 Fjords of Montenegro.

September 2014: *Side Scan Sonar Theory & Mine Identification*, U.S. Navy Mine Warfare Center, San Diego, CA.

Jan. 2009: *Side Scan Sonar Image Interpretation and Mine Identification Training with Emphasis on Harbor Operations* U.S. Navy SPAWAR, San Diego, CA

Jan. 2009: *Side Scan Sonar Image Interpretation and Search Operations Training* U.S. Homeland Security, Charleston, SC

Mar. 2001: *Sonar Training Consultant*, OSV Anderson, U.S. Environmental Protection Agency.

June 2000: *Sonar Training Consultant*, Navy Mine Warfare Counter Measures Unit, Panama City, FL.

Jan. 2000 & 2002: *Sonar Training Consultant*, Korean Navy.

Feb. 1994: *Sonar Training Consultant*, U.S. Navy EOD 17, Whidbey Island, WA

Aug. 1992: *Sonar Training Consultant*, Israeli Navy.

Oct. 1991: *Location of Human Remains*, Federal Bureau of Investigation, New York Office.

Authored and Produced Multimedia Marine Technology Training Programs (Abridged)

Mission-Based Side Scan Sonar Training (Short Course) – An Overview of Hydrographers Systems and Sensors. Black Laser Learning, Inc.[®], Arrowsic, ME. 2025

The Hydrographers Toolkit – An Overview of Hydrographers Systems and Sensors. Black Laser Learning, Inc.[®], Arrowsic, ME. 2023

The Role of Context for PMA by M.K. 18 Operators (Part 1)
Black Laser Learning, Inc.[®] Hockessin, DE 2020

The Role of Context for PMA by M.K. 18 Operators (Part 2)
Black Laser Learning, Inc.[®] Hockessin, DE 2020

SSAM Command Overview
Black Laser Learning, Inc.[®] Hockessin, DE 2019

What is MSAS?
Black Laser Learning, Inc.[®] Hockessin, DE 2019

What is SAS?
Black Laser Learning, Inc.[®] Hockessin, DE 2018

Why add SSAM to the M.K. 18?
Black Laser Learning, Inc.[®] Hockessin, DE 2018

The SSAM UUV
Black Laser Learning, Inc.[®] Hockessin, DE 2018

Advantages of the SSAM2
Black Laser Learning, Inc.[®] Hockessin, DE 2018

Fundamentals of SSAM PMA
Black Laser Learning, Inc.[®] Hockessin, DE 2018

Not in the Manual Guide[®] to the Humminbird HELIX for Search and Rescue Operations,
Black Laser Learning, Inc.[®], Hockessin, DE 2018

M.K. 18 Mod Systems and Capabilities
Black Laser Learning, Inc.[®] Hockessin, DE 2017

M.K. 18 Mod 1 and Mod 2 Systems Components
 Black Laser Learning, Inc.® Hockessin, DE 2017

PMA with Marine Sonic Technology Mod 1
 Black Laser Learning, Inc.® Hockessin, DE 2017

PMA with EdgeTech Mod 2
 Black Laser Learning, Inc.® Hockessin, DE 2017

Surveying with HMA HUEDS
 Black Laser Learning, Inc.® Hockessin, DE 2016

Operating the Klein 3900 Side Scan Sonar & Klein Sonar Pro Software
 Black Laser Learning, Inc.® Hockessin, DE 2016

COIN software for U.S. Navy UUV Operators
 Black Laser Learning, Inc.® Hockessin, DE 2016

Introduction to Mine Countermeasures with Marine Sonic Technology Sonar for U.S. Navy UUV Operators
 Black Laser Learning, Inc.® Hockessin, DE 2016

EdgeTech Sonar Image Analysis for U.S. Navy UUV Operators
 Black Laser Learning, Inc.® Hockessin, DE 2014

Underwater Search OPS with the Humminbird Side Imaging Sonar
 Black Laser Learning, Inc.® Hockessin, DE 2013

Introduction to Synthetic Aperture Sonar for U.S. Navy UUV Operators
 Black Laser Learning, Inc.® Hockessin, DE 2011

Not in the Manual Guide® to Autonomous Underwater Vehicles
 Black Laser Learning, Inc.®, Hockessin, DE 2010

2nd Ed. Not in the Manual Guide® to Side Scan Sonar Image Interpretation
 Black Laser Learning, Inc.® Hockessin, DE 2007

Not in the Manual Guide® to Military Side Scan Sonar Image Interpretation
 Black Laser Learning, Inc.® Hockessin, DE 2007

Not in the Manual Guide® to Subbottom Profiler Surveys
 Black Laser Learning, Inc.® Hockessin, DE 2006

Not in the Manual Guide® to Side Scan Sonar Image Interpretation
 Black Laser Learning, Inc.® Hockessin, DE 2006

Not in the Manual Guide® to Sonar and Magnetometer Surveys
Black Laser Learning, Inc.® Hockessin, DE 2005

Not in the Manual Guide® to Sonar & MAG for Underwater Archaeologists and Cultural Resource Managers. Black Laser Learning, Inc.® Hockessin, DE 2004.

ATTENDED CONTINUING EDUCATION COURSES

Backscatter and MBES Workshop, University of Delaware 2023
UNH/UoD AUV Hydrographic Operations Training, August 2014
EdgeTech 6205 Multibeam Training, June 2014
Hydrolite Factory Training, June 2013
UUV Technology Course ARL-Penn State, October, 2012
Gavia AUV Boot Camp, Portsmouth, NH, August 2012
SeeByte COIN Sonar Display & Processing Software, San Diego, CA June 2012
Marine Sonic Technology HDS Sonar Course, October 2011
QTC Acoustic Sediment Classification Seminar, June, 2011
ONR Technology Review U.S. Navy, Panama City, January, 2011
AUV Boot Camp - University of D.E. and UNH, June 2010
Chesapeake Technologies Training Seminar, July, 2010
ONR Technology Review U.S. Navy, Panama City, January, 2010
HYPACK Training Seminar, January 2008
Chesapeake Technologies Training Seminar, December, 2007
EdgeTech Sonars – EdgeTech Plymouth, MA July 2007
Multibeam Surveys – U.S. Hydrographic Society Norfolk, VA 2007
OIC GeoDas Software Training, Honolulu, Hawaii, 1999.
CODA Technologies Training, 1998
Hydrographic Surveying for Nautical Charting, NOAA/Old Dominion University, 1998
Reson Multibeam Training, San Diego, CA., 1998
HYPACK Survey Software, Coastal Oceanographic, 1997
ELAC/Allied Signal Multi-beam Training, 1996
Triton Software Factory Training, 1996
Sub Surface Interference Radar, Geophysical Survey Systems, Inc., 1993

Klein Side Scan Sonar, Theory & Interpretation, 1990
OSHA 40-hour Hazardous Waste Site Workers Training with Annual 8-hour Updates, 1988
Certified Underwater Archaeological Research Assistant, 1987
Small ROV OPS Training, Benthos, Inc, 1986
Klein Side Scan Sonar, Theory & Interpretation, 1986
Maritime Industries, Competent Person, OSHA, 1983
Certified Advanced & Scientific Diver, 1981
Certified Diver, 1976

MARINE ARCHAEOLOGICAL FIELD EXPERIENCE

Civil War Submarine Search – New Jersey 2005 to 2026
Remote Sensing Archaeological Survey of the *R.J Walker* 2016
Archaeological Diver Survey of the Lake George *Radeau* 1990-1997
Archaeological Diver Survey of the Lake George Batteau 1989-1992
ROV Video Survey of the Lake George *Radeau* 1993
Sonar Survey of *Alligator*, *Florida Keys* 1992
ROV Video Survey of the Lake George Batteau
ROV Video Reconnaissance of the *O.J. Walker*, Lake Champlain 1986
Remote Sensing Survey of the USS Monitor 1986
ROV Video Survey of the O. J. Walker, Lake Champlain 1986

EXPLORER'S CLUB FLAG EXPEDITIONS

2025-2026: Alligator Jr., Civil War Submarine Search Expedition, Flag 71.
2017: Mullica River Shipwrecks Expedition, Flag 202.
2016: Big Migrations Expedition-Clipperton Atoll, Flag 213
2015: RJ Walker Shipwreck Survey Project, Flag 132.

2013: Apollo F-1 Search & Recovery Project, Flag 132.

2012: Coastal Oregon Shark Habitat and Population Survey and Hubbard Underwater Radio Expedition, Flag 60.

1991: "*Land Tortoise*" Radeau Shipwreck Survey Flag 16.

1990: Operation Bateaux--Search and Survey Expedition, Flag 152.

1990: USS Monitor Expedition, Flag 132.

SELECTED FILM & DOCUMENTARY EXPERIENCE

Apollo F 1 Rocket Engine Recovery - Distribution to be determined.

Camp X, Canadian T.V.

Search for Alligator Jr. (Never aired)

Dive Detectives, Smithsonian Channel

Ghost Ship (Story Consultant Only)

Submarine Graveyard (Story Consultant Only)

The Sea Hunters, National Geographic International

Lost at Sea: The Great U.S. Navy Airships *Akron & Macon*

The Search for the Early Submarines

Still on Patrol -The Search for Hitler's U-Boat 215

U-215 & Alexander Macomb

The Search for the Avro Arrow Test Flight Models

The Lost *Radeau*: North America's oldest intact warship

LIVE T.V. APPEARANCES

CNN's Outfront with Erin Burnett, April 17, 2014 "Search for MH 370"

KEYNOTE & EDUCATIONAL PRESENTATIONS (ABRIDGED)

- Multibeam Survey of Saba's Pinnacle Gardens and Littoral Coastal Zone, Saba 2022
- PGGM TECH Edição 05 - "Why not use a hydrographic multibeam for every survey? - The case for true side scan sonar."
- Deep Ocean Technology for Apollo 11 F1 Engine Recovery and Future Naval Operations U.S. Naval Academy, Annapolis, MD

- High Visibility Projects such as the Apollo F1 Recovery for motivating students, Stockton University, MTS, and New Jersey Marine Educators March 2014
- Apollo F1 Recovery Project, University of Delaware, March 2014
- Apollo F1 Recovery Project, Boston Sea Rovers, March 2014
- Hunting Submarines, Boston Sea Rovers, March 2011.
- Submerged Treasures: A Quest of Serendipity and Perseverance, Mid-America Orthopedic Society, April 2010.
- Surveying the Queen of the Antilles: Sea & Learn Saba 2008

NOTED FIELD OPERATIONS

Multibeam Survey Saba, Dutch Antilles (2022)

ERW Search OPS Solomon Islands (2015-2016)

ERW Search OPS Montenegro (2015)

AUV Multibeam OPS w REMUS 600 & EM302, New Hampshire, 2014

Drone Search & Recovery, 4000 fsw, San Diego, CA - 2014.

Apollo F1 Engine Search & Recovery, 14,400 fsw, Western Atlantic - 2013

U-215 Search and Identification, 300 fsw, Georges Bank - 2004.

Space Shuttle *Columbia* Debris Search, Toledo Bend Reservoir, 2003.

Navy Aircraft Search OPS, 11,000 fsw, Western Atlantic, 1989.

First Multibeam Survey of San Francisco Bay Ship Channel for NOAA

TEACHING EXPERIENCE (EDUCATIONAL INSTITUTIONS)

Mid- Coast Senior College, *The Closing of the Strait of Hormuz: A Historical and Contemporary Tactical Perspective*, 2026

Mid- Coast Senior College, *Lost and Found in the Deep Blue Sea*, 2024

University of Delaware Guest Lectures and Field Projects 2010 to Present

Stockton University Guest Lectures and Field Classes, *Marine Technology*, 2012 through 2017.

Stockton College Guest Lectures, *Marine Archaeology*, 2005 through 2011.

The University of Louisiana, *Marine Geophysics for Surveyors*. Fall 2010 & Spring

2011.

Dowling College, *Marine Archaeology*. Spring, 1996.

Isle of Shoals Marine Laboratory, Cornell University, *Marine Pollution*. Summer 1993 & 1994.

Scientific Instructor, Marine Studies Program, Lakeville, CT. Instructor in tropical ecosystems and marine search and survey techniques. 1987-199

SCIENTIFIC PUBLICATIONS AND PRESENTATIONS

Nagiewicz, Stephen D., Vince Capone. Peter Straub, Ph.D., Steven Evert, Nate Robinson. Assessing the Use of Acoustic Sampling for Locating Horseshoe Crabs During Migrations Using Side Scan Sonar. In J.T. Tanacredi, (Ed.) (2022). *International Horseshoe Crab Conservation and research efforts, 2007-2020: Conservation of horseshoe crab species globally*. Springer.

Capone, Vincent J., James P. Delgado, Ph.D., Martin Klein, and Stephen, D. Nagiewicz, *How the Evolution of Side Scan Sonar and Marine Technology Influenced the Development of Maritime Archaeology*. **The SHA Conference**, Society for Historical Archaeology, Philadelphia, PA. January 2021.

Nagiewicz, Stephen D., Peter F. Straub, Ph.D., Steven P. Evert, Vincent Capone, and student researchers Shannon Chiarel, Jaymes Swain, Travis Nagiewicz, Elizabeth Klein, Christina Price, Ashlyn Rowe, and Jason Sass): *Privateers on the Mullica River: Mapping Shipwrecks of the American Revolutionary War*. **The SHA Newsletter**, Society for Historical Archaeology, Germantown, MD. Summer 2019, 52(2): 11-15.

Stephen D. Nagiewicz, Peter F. Straub, *, Steven P. Evert, Vincent Capone Mapping Shipwrecks of the Revolutionary War: 1778 Battle of Chestnut Neck, New Jersey, 2018

Nicole A. Raineault, Arthur C. Trembanis, Douglas C. Miller, Vincent J. Capone "Interannual Changes in Seafloor Surficial Geology at an Artificial Reef Site on the Inner Continental Shelf," *Continental Shelf Research*, March 2013

Nicole A. Raineault, Arthur C. Trembanis, Douglas C. Miller, Vincent J. Capone "Effects of Artificial Reef Structures on the Geology and Biology of the Seafloor: Example from the Inner Continental Shelf off Delaware," *Coastal Environment Research Federation*, November, 2011.

Zarzynski JW, McMahan KB, Benway B, Capone VJ (2004) Counting "What Lies Below": Lake George, New York's Submerged Cultural Resources Inventory Project, 1988-2003 *Underwater Archaeology Proceedings from the Society*

for Historical Archaeology Conference, Society for Historical Archaeology, Washington, DC,

Capone, Vincent J., "Automated Klein 3000 Target Class Posting and Streamlined Integration of Side Scan Sonar Data into AutoCAD/GIS," Underwater Intervention, 2003.

Zarzynski JW, McMahan KB, Benway B, Capone VJ (1995). The 1758 *Land Tortoise* Radeau Shipwreck: Creating a Seamless Photomosaic Using Off-the-Shelf Technology. *Underwater Archaeology Proceedings from the Society for Historical Archaeology Conference*. Paul Forsythe Johnston, editor, Society for Historical Archaeology, Washington, DC, pp. 181–186.

Keith, D.J., Capone, V.J., Cook, G.S., Carey, D.N., Wiley, D.A., and Fish, J.P. "Target Detection and Mapping of Aquatic Hazardous Waste Sites in Massachusetts Bay, Utilizing Side Scan Sonar." Oceans International Conference, 1992.

Wiley, D.A., Capone, V.J., Carey, D.A., and Fish, J.P. "Location Survey and Condition Inspection of Waste Containers at the Massachusetts Bay Industrial Waste Site and Surrounding Areas." Unpublished Report submitted to USA-Region I by the International Wildlife Coalition, 59 pp. 1992.

Capone, Vincent. "Examining Side Scan Sonar At Lake George - The Radeau Sonograph." The Lake George Nautical Newsletter, June, 1992.

Capone, Vincent. "Searching through the Sewer Outfall of San Francisco Bay (Utilizing Side Scan Sonar)." Sea Technology, 1988, 29 (8).

Capone, Vincent. "Synopsis of ROV Technology," Bateaux Below, December 1988, Issue No. 3.

Capone, Vincent. J., "Brown Shrimp Catch in Louisiana's Wing-Net Fishery: Effects of Moon Phase, Time of Day, Current and Effort." American Fisheries Society, 1986 Convention, Providence, R.I.