

James Kline



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Professional Experience:

2020 - Present

Consulting Engineer and Surveyor, MARTIN, OTTAWAY, van HEMMEN & DOLAN, INC. Areas of specialization include USCG certified new vessel construction oversight, damage surveys, initial certification procedures. Inspection services including machinery, dry dock, passenger vessel, wooden boats, marine composites, barge, machinery steam, Subchapter "M", oil and chemical vessels, port state control, attraction vessel and C-ROD certification, steel and aluminum welding, shipboard firefighting and damage control training and vessel plan review.

2016- 2020

1. U.S. Coast Guard, CWO4 Master Marine Inspector, Staten Island, NY - Conducted over 200 inspections annually on various vessel types in the Port of NY/NJ. Accomplished Performer for new construction oversight. Assistant Marine Inspector Training Officer responsible for the inspector qualification process. Subject Matter Expert (SME) for wooden vessel repair and alteration proposals and oversight. Regulatory oversight for shipyard dry docks and internal structural examinations. Regulatory oversight for design verification testing, sea trials and periodic safety test procedures.

2012 - 2016

1. U.S. Coast Guard, CWO3 Advanced/Journeyman Marine Inspector, Philadelphia, PA -

Conducted new construction oversight partnered with the American Bureau of Shipping in Philadelphia Shipyard for five alternative compliance program (ACP) vessels, including tankships and dual fuel capable container ships. Lead regulatory oversight on two multi-million-dollar ferry projects. Repair and alteration plan review. Project Officer for the 2016 Tall Ships event in Philadelphia. Lead training qualification board member for incoming Marine Inspectors. Appeared in the reality show "The Yard" on NatGeo.

2008 - 2012

1. U.S. Coast Guard, CWO2 Apprentice Marine Inspector, Staten Island, NY - Port State Control Officer. Foreign Passenger Vessel Examiner. Small Passenger Vessel (T & K) and Barge Inspector. Completed over 150 inspection/examinations annually. Participated in a training video "Oil in Our Waters", to specifically address merchant mariner's responsibility for proper pollution prevention.

2004 - 2008

2006. U.S. Coast Guard, Chief Damage Controlman, Air Station Cape Cod, MA - Deputy Maintenance Foreman. Managed a staff of 20 military and 10 civilian employees. Oversaw the maintenance and repair of over 500 housing units and 20+ support buildings. Responsible for the management of snow removal of 13 miles of roadways and air strips. Wildland Firefighter working jointly with Army, EPA and State Preserve Officials. OTIS Civilian Advisory Council's "Outstanding Military Person of the Year", 2006.

2000 - 2004

U.S. Coast Guard, Damage Controlman First Class, USCGC Willow, Newport, RI - Shipboard Engineer, responsible for the maintenance and upkeep of all fire safety equipment, damage control and welding equipment. Shipboard firefighting and damage control trainer. Dry Dock project officer. Lead welder. Maintained the division's preventative maintenance program. Engineer of the Watch.

1998 - 2000

U.S. Coast Guard, Damage Controlman Second Class, Training Center Cape May, NJ - Facility Engineer. Supervised the maintenance and repair of 200+ housing units. Successfully managed a 1.5-million-dollar budget.

1996 - 1998

U.S. Coast Guard, Damage Controlman Third Class, USCGC Escanaba, Boston, MA. - Shipboard Engineer, responsible for the maintenance and upkeep of all fire safety equipment, damage control and welding equipment. Shipboard firefighting and damage control trainer. Shipboard welder. Chemical, Biological and Radiological trainer. Engineer of the Watch.

1994 - 1996

1. U.S. Coast Guard, Seaman aboard USCGC Spar, South Portland, ME - Aids to Navigation technician. Serviced buoys along the coast of New Hampshire to Canada. Boatswain's Mate of the Watch.

Notable Projects

Accomplished performer tasked with participating in the Marine Inspections Performance Support Architecture (MIPSA) to provide analysis of job tasks and training requirements with emphasis on job performance requirements for new vessel construction and major conversion oversight. The goal was for industry to work with more experienced Coast Guard Inspectors.

Collaborated with Coast Guard team members and industry partners to respond and manage the post engine room thermal fluid heater fire aboard an asphalt tanker. Along with FDNY personnel, we boarded the vessel while in transit, assessed the situation and ensured the vessel was safe to enter port. Our professional assessment enabled the vessel to enter port quickly, make emergency arrangements for cargo heating and allow the crew to get proper provisions and spiritual guidance with The Seamen's Church.

Identified a lack of Coast Guard policy and guidance on steel repair of pitted plate damaged by corrosion. Developed guidelines for Coast Guard inspectors to use when determining the appropriate use of clad welding. Combining ABS policies and industry practices, inspectors now have better options than just cropping and renewing plate, saving owners thousands of dollars.

Lead regulatory official charged with oversight of two multi-million-dollar ferry projects. Oversaw installation, workmanship and testing of all areas of construction. Guided industry partners through the Coast Guard certification process. Vessels were ready to operate with passengers immediately following delivery.

Regulatory partner, alongside the American Bureau of Shipping tasked with the construction oversight of new tankships and dual fuel containerships enrolled in the Alternative Compliance Program. Witnessed hundreds of design verification and periodic safety test procedures.

Field inspector for the NY/NJ Incident Commander during the aftermath of Superstorm Sandy. Conducted surveys of vital waterways, identified environmental concerns and identified salvage needs throughout the New Jersey coast.

Served as a lead witness for the Miami District Attorney, testified as to the elements of an international safety management system (SMS), US law and regulations. The conviction under the safety management system was the first of its kind, creating new case law standing for proposition that Port State Control examination is a "Government Proceeding", by definition.

Led a diverse team of Coast Guard engineers to "stand up" facilities for USCG Station Gulfport after the devastation created by Hurricane Katrina. Quickly provided "hotel" services to FEMA trailers, an 80' x 40' mess hall, laundry room and restroom trailers.

Post 9-11, working closely with the ship's Chief Engineer, we designed, wrote and tested a chemical, biological and radiological safety procedure system for the 225' Juniper-class cutter Willow. These procedures were designed to protect the ship, crew and political leaders while serving as an escape platform during the visit to ground zero.

Education and Professional Qualifications

Bishop Egan High School, HS Diploma, Fairless Hills, PA

Bucks County Technical High School, Carpentry/Masonry, 600 hours, Fairless Hills, PA

Cape Cod Community College, 63 semester units in Fire Science

United States Coast Guard Damage Control School, 520 hours

Advanced Steel & Aluminum Welding Course, Yorktown, VA (August 1997)

Command Financial Specialist Training, Cape May, NJ (January 1999)

Advanced Navy Shipboard Fire Fighting Course, San Diego, CA (January 2001)

Bauer SCBA Compressor Use & Maintenance, Newport, RI (May 2001)

Shipboard Repair Party Leader, San Diego, CA (January 2002)

Advanced Shipboard Fire Fighting Course, Texas A&M University (May 2003)

ICS Orientation (I-100), Cape Cod, MA (May 2005)

Wildland Firefighter (S-130), Basic Introduction, Cape Cod, MA (May 2005)

Wildland Firefighter (L-180), Human Factors on the Fireline, Cape Cod, MA (May 2005)

Wildland Firefighter (S-190), Fire Behavior, Cape Cod, MA (May 2005)

National Incident Management System (IS-700 & IS-800), Cape Cod, MA (October 2005)

USCG Chief Petty Officer Academy, Petaluma, CA (August 2007)

Chemical Tanker Safety Course, Castine, ME (September 2008)

USCG Marine Inspector Course, Yorktown, VA, 200 hours (October 2008)

Confined Space and Shipyard Competent Person Course, Yorktown, VA. (October 2008)

USCG Chief Warrant Officer Professional Development, USCG Academy, CT (March 2009)

Advanced Foreign Passenger Vessel Examiner, Miami Beach, FL (December 2009)

Anti-terrorism Level 1, New York, NY (January 2010)

Wood Vessel Survey Course, Brooklin, ME (June 2010)

Continuity of Operations (IS - 00546a), New York, NY (October 2010)

Hellier Non-Destructive Testing Inspection Course, New London, CT (April 2011)

Tankship Dangerous Liquids (Simulator), STAR Center, Dania, FL (September 2011)

National Cargo Bureau Familiarization, New York, NY (October 2012)

Uninspected Towing Vessel Course, Yorktown, VA (February 2013)

Spar and Rigging Inspection, Orange County, CA (September 2013)

ICS Initial Action Incident (IS - 200), Philadelphia, PA (December 2014)

ISO 9001:2015, Niantic, CT (March 2015)

Intermediate ICS for Expanding incidents (IS-300), Philadelphia, PA (March 2015)

Plan Review Oversight & Project Management for Small Passenger Vessels, Niantic, CT (June 2015)

Inspection of Marine Composites Course, Oakland, CA (February 2016)

Inspection of Wooden Boats Course, Oakland, CA (March 2016)

Machinery Steam Vessel Inspection Course, Yorktown, VA (July 2016)

Automation and Vessel Manning Course, San Rafael, CA (September 2017)

ABYC Basic Marine Electrical & Corrosion Mitigation, Boston, MA (December 2017)

National Board Inspection Code "R" Stamp Course, Columbus, OH (August 2018)

Memberships

Military Officers Association of America

Chief Warrant Officers Association

Chief Petty Officers Association

Society of American Military Engineers (SAME)

Awards

USCG Commendation Medal (x4)

USCG Achievement Medal (x3)

USCG Commandant Letter of Commendation (x3)

USCG Presidential Unit Citation

USCG "E" Ribbon (x5)

USCG Good Conduct Medal (x4)

National Defense Medal (x2)

Global War on Terrorism Service

Humanitarian Service

USCG Sea Service

USCG Pistol Marksmanship

USCG Marine Safety Insignia

USCG Cutterman Insignia

Technical Publications

"Vessel Fire Fighting", Sector NY SPV Newsletter (September 2009)

"Vessel Cooking, Heating and Flammable Storage", Sector NY SPV Newsletter (September 2011)

"Maritime Drug and Alcohol Program", Sector DelBay SPV Newsletter (February 2015)

"A Note on Pitting and Clad Welding", Sector NY Guidance (May 2016)

"Inspector Guidance for New Construction, Alterations and Repair" (June 2018)

"COVID 19 and Sub-chapter M: Will the Coronavirus affect the upcoming towing vessel compliance date?" (April 2020)

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Blog Posts by James Kline

- [COVID-19 and Subchapter M: Will the coronavirus affect the upcoming Towing Vessel compliance date?](#) April 21, 2020