



## CHRISTOPHER P. HERFEL

### EDUCATION, TRAINING, LICENSES, AND PROFESSIONAL AFFILIATIONS

MBA, Loyola College of Maryland, Management & Finance, 2004

B.S. Marine Engineering, Minor in Engineering Management, United States Merchant Marine Academy, 1998

Third Assistant Engineer License, Steam & Diesel Propulsion, Unlimited Horsepower, U.S. Coast Guard

Trained Shipyard Competent Person, Confined Space & Marine Chemist Certification  
Certified Welder, Electrode & MIG procedures

Member Society of Naval Architects and Marine Engineers

Certified Emergency Medical Technician, New York State

### UNIQUE OR SPECIAL QUALIFICATIONS

Mr. Herfel is currently a Senior Researcher supporting legal teams responding to asbestos and toxic tort litigation. His primary responsibilities are to locate and analyze historical correspondence documents. Depending on case specifics, correspondence between the Navy, Maritime Commission, Shipyards, Design Agents, and Manufacturers are analyzed. After retrieving all the relevant documents, a historical timeline of any Naval, Merchant, or Coast Guard vessel is developed by Mr. Herfel. From here a Ship's History is developed from initial design, through shipyard construction, follows the vessel while in service and ends with the final disposition of the vessel.

Mr. Herfel combines his past experiences in shipyard operations, ship design, marine engineering, naval policies, and employment working on merchant vessels to analyze and interpret detailed correspondence and blueprints. Mr. Herfel has participated in the new construction of oil barges, the conversion of Naval vessels, and the overhaul of over 100 Merchant and Naval vessels.

Mr. Herfel was involved in the early stages of the Naval Shipbreaking Program and has overseen the successful scraping of 9 Naval vessels built during the 1950's. In order to safely scrap these vessels, one must have an intimate knowledge of shipbuilding materials. Mr. Herfel was in charge of identifying and abating all toxic materials on board these vessels, mainly asbestos, lead, and polychlorinated biphenyls (PCB's), before the scrapping could commence. Mr. Herfel developed and taught the Shipbreaking Safety class, required for all shipyard personnel involved this program. This program was approved by the Navy and was later amended with his permission for use by other shipyards.

**WORK HISTORY**

**McCaffery and Associates. Inc.**

**July 2003 to Present**

**Current Position Title:** Senior Researcher

Mr. Herfel works with a team of current and former naval and maritime officers who research naval and commercial ship design, construction, maintenance and repair records in support of asbestos and toxic tort litigation. The majority of the work is conducted at the National Archives or other libraries in the Washington D.C. metropolitan area. Research is done on original correspondence files, microfilm, and original ship plans.

**Baltimore Marine Industries**

**July 1998 to July 2003**

**Position Titles:** Project Manager, Ship Disposal Program (Final Position)  
Project Manager, Ship Repair and Construction  
Ship Superintendent, Ship Repair  
Production Manager, Joint Modular Lighterage System  
Welding and Fabrication Supervisor, Ship Repair  
Machinery Supervisor, Ship Repair  
Project Planner / Scheduler, Critical Path Methodology

During Mr. Herfel's time at Baltimore Marine Industries he was involved with the new construction of barges and industrial products, the repair and conversion of commercial vessels, and the scrapping of Naval vessels. Mr. Herfel held many positions of increasing responsibility in the ship repair and construction field. Having shipboard engineering experience, Mr. Herfel also frequently participated in the operation and troubleshooting of shipboard mechanical components. Mr. Herfel successfully activated the engine room of several "Ready Reserve" vessels that were laid-up in the James River Reserve Fleet.

Mr. Herfel developed an intimate knowledge of shipbuilding materials and techniques used on many vessels while working for Baltimore Marine Industries. Mr. Herfel's last position served was as Project Manager responsible for the abatement, remediation, and scrapping of 9 U.S. Naval vessels.

**U.S. Naval Reserve**

**1997 to present**

**Position Title:** Lieutenant (current rank)

Mr. Herfel was commissioned as an Ensign in the U.S. Naval Reserve upon his graduation from the U.S. Merchant Marine Academy. He currently serves in the Merchant Marine Ready Reserve and has achieved the rank of Lieutenant.

**U.S. Merchant Marine Academy**

**1996 to 1997**

**Position Title:** Cadet

While a Cadet at the U.S. Merchant Marine Academy at Kings Point, Mr. Herfel sailed on various commercial vessels with both steam and diesel propulsion plants. As an Engineering Cadet, Mr. Herfel participated in the daily maintenance and operation of the engineering plants of these ships. Mr. Herfel worked with superheated boilers of 1,200 psi, diesel engines of 35,000 shaft horsepower, turbines, generators, purifiers, and compressors.

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