

DANIEL K. OLIVER
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Broad background in marine engineering and polar icebreakers covering all aspects of ship operations, maintenance, and management. Proven abilities in:

- Maintenance Planning/Execution
- Port Engineer
- Ship Construction
- Personnel Management
- Science Support
- Project Management

Extensive experience operating icebreakers in support of high latitude science research with a proven track record of mission planning, successful multi-discipline science mission execution and customer-focused teamwork. Works well with people and brings energy, enthusiasm, and strong technical skills. Has a current Top Secret security clearance with my Single Scope Background Investigation current as of August 2006.

PROFESSIONAL EXPERIENCE

United States Coast Guard

1979 to Present

Operational Forces Manager, Coast Guard Pacific Area, Alameda, CA (2006 to present)

Directs all aspects of cutter and shore forces management for Coast Guard Pacific Theater operational units with a staff of 12 personnel and a combined office/unit budget in excess of \$27M. Operational units are 18 cutters and 12 shore-side tactical law enforcement and port security units.

Commanding Officer, USCGC HEALY, Seattle, WA (2003 to 2006)

Directed the actions of 80 personnel and managed an annual budget exceeding \$1.3M while commanding the Coast Guard's largest icebreaker to conduct independent and joint science operations.

- Exceeded all science objectives for 12 different multi-discipline science missions conducted throughout the Arctic Ocean.
- Planned and executed voyage plan for joint US/Swedish trans-Arctic expedition with Swedish icebreaker ODEN.
- Set an outstanding standard for science support, earned high praise from Arctic Icebreaker Coordinating Committee for icebreaking operations and customer science focus of crew.

Platform Manager, CG Engineering Logistics Center, Baltimore, MD (2001 to 2003)

Supervised 90 military and 15 civilian personnel and managed an annual budget exceeding \$3.9M to develop, manage, and execute maintenance and support policies for all Coast Guard cutters, boats, and ordnance in an ISO 9000 certified organization.

- Rapidly reprioritized resources to meet a surge in port security operations following 9/11, supporting more than a two-fold increase in Coast Guard small boat operations.
- Benchmarked best practices from an industry review and stream lined the Coast Guard's complex cutter engineering change process, reducing the average processing time by 25%.
- Led effort to analyze then refocus repairable parts priorities on those items that created the greatest dry-docking cost impact, reduced the number of delay days, saving dry-dock costs.

Executive Officer, USCGC HEALY, Seattle, WA (1999 to 2001)

Supervised 80 personnel through the final construction phase, delivery, test and trials, and preparations for first science deployment of the Coast Guard's largest icebreaker. Excelled in team environment with joint Coast Guard/National Science Foundation team for design and testing of onboard science systems.

CG Naval Engineering Program Manager, Washington, DC (1997 to 1999)

Supervised 4 personnel to develop and manage naval engineering support and funding for all Coast Guard cutters and boats. Responsible for developing the budget, execution plan, and tracking of a naval engineering maintenance budget in excess of \$105M a year. Managed the naval engineering human resources, including training program and officer career path development.

CG Naval Engineering Acquisition Support Manager, Washington, DC (1995 to 1997)

Supervised 5 personnel providing naval engineering program support to all Coast Guard cutter and boat acquisitions, total of 13 projects with a total acquisition cost exceeding \$1.3B. Extension partnering with project acquisition staffs and broad spectrum of naval engineering support units to support project issues.

Engineer Officer, USCGC POLAR SEA, Seattle, WA (1993 to 1995)

Supervised 56 personnel, coordinated support efforts of shore based maintenance personnel, and managed an annual maintenance budget of \$300K for operation, maintenance, and repair of all engineering equipment and machinery on polar icebreaker with largest engineering plant in the Coast Guard, spent 19 of 24 months deployed. Provided project planning for a \$3.5M dry-dock maintenance period and replacement of the ship's machinery plant control and monitoring system.

**Assistant Professor, Naval Architecture and Marine Engineering,
Coast Guard Academy, New London, CT (1991 to 1993)**

Prepared and presented all course materials, exams, and labs for variety of engineering courses within the Naval Architecture and Marine Engineering major at the Coast Guard Academy.

Polar Icebreaker Assistant Project Engineer, Arlington, VA (1989 to 1991)

Provided technical support for specification development, review, and response to industry questions on the Coast Guard's request for proposal to build a new polar icebreaker (eventually led to the CGC HEALY).

Engineer Officer, USCGC HARRIET LANE, Portsmouth, VA (1986 to 1989)

Supervised 33 personnel and managed an annual maintenance budget of \$250K for the operation and maintenance of a 270' medium endurance cutter that made twelve, 60-day patrols to the Caribbean Sea. Completed 2 large dockside availabilities and a major dry-dock period.

Graduate Student, University of Michigan, Ann Arbor, MI (1984 to 1986)

Selected to attend U of M for two years under a Coast Guard funded masters program, earned a MSE in Naval Architecture, Marine Engineering, and Mechanical Engineering.

Naval Engineering Shipbuilding Project Officer, Washington, DC (1981 to 1984)

Assistant Project Officer for new construction of the Coast Guard's 270' medium endurance cutter class, then reassigned as Project Officer for the Coast Guard's 140' icebreaking tug

Engineer Officer in Training, USCGC GLACIER, Long Beach, CA (1979 to 1981)

One year in an engineering apprentice program following by a year as the Auxiliary Division Chief supervising 19 personnel. Deployed on two Operation Deep Freeze missions.

EDUCATION AND PROFESSIONAL CERTIFICATION

- 1984-1986: MSE Naval Architecture, Marine Engineering, and Mechanical Engineering; University of Michigan, Ann Arbor, MI
- 1975-1979: BS Marine Science; United States Coast Guard Academy, New London, CT
- Professional Engineer License, State of Virginia since 1990