

## Application Form

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### Profile

Mark

First Name

Swanson

Last Name

emmiekswanson@gmail.com

Email Address

PO Box 851

Valdez Mailing Address (PO BOX # or HCI BOX #)

1553 Dewey Court

Home Address

Suite or Apt

Valdez

City

AK

State

99686

Postal Code

Home: (907) 835-2541

Primary Phone

Home: (907) 255-1984

Alternate Phone

retired

Employer

retired

Occupation

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### Which Boards would you like to apply for?

Ports & Harbors Commission: On Agenda

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### How did you learn about this vacancy? \*

☒ I am a Current Board/Commission Member

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### Interests & Experience

**Why are you interested in serving on a City of Valdez board or commission?**

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I have served on the Ports and Harbors commision for several terms as its chair person and have been interested in the new harbor construction project planning since my days as captain of the port (2002-2005) and directly involved in its funding and implementation as a member of the P&H commission since 2010. The commission in addition to seeing that major project through is now engaged in developing a Valdez waterfront master plan. i would like to help continue with both projects.

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**Please outline your education, work, and volunteer experience which will assist you in serving on a City of Valdez board/commission.**

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Resume with work, education,and relevant experience attached. I have served as a member and currently also serve as chair of the PWS college council.

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[Swanson\\_Resume\\_2017.doc](#)

Upload a Resume or Letter of Interest

**MARK A. SWANSON**  
1553 Dewey Court, Valdez, AK 99686  
P.O Box 851  
Cell phone 907 255 1984

**Education:** M.Sc. Mechanical Engineering, Univ. of Michigan, Ann Arbor, MI, 08/1990  
M.Sc. Naval Architecture & Marine Engineering, Univ. of Michigan, Ann Arbor, Michigan, 08/1990  
B.S. Naval Architecture & Marine Engineering, U. S. Coast Guard Academy, New London, Connecticut, 05/1984

**Employment:**

2016 – Present: Retired

2010-2016 Executive Director, Prince William Sound Regional Citizens' Advisory Council

2008 - 2010: Emergency Response Manager, Shell Trading (Shipping) Houston, TX

2005 - 2008: Lloyd's Register North America, Inc., Houston, TX  
Business Development Manager, External Training Manager,  
Marine Training Services Instructor, Internal Quality Auditor

2002 – 2005: USCG Marine Safety Office, Valdez,, AK  
Commanding Officer, Captain of the Port, Federal On-Scene Coordinator, Federal Maritime Security Coordinator, Prince William Sound

1996 – 2002: USCG Marine Safety Office, Houston-Galveston  
2001 -2002: USCG Executive Officer, Alternate Captain of the Port, Alternate Federal On-Scene Coordinator  
1999 - 2001: Chief, Inspections Dept  
1998 - 1999: Assist Chief, Port Operations Department  
1996 - 1998: Chief, Foreign Vessels Branch

1994 - 1996: World Maritime University, Malmö, Sweden  
Lecturer, USCG / IMO Naval Architecture, Marine Engineering

1990 - 1994: Coast Guard Marine Safety Center, Washington, DC  
USCG Staff Naval Architect, Salvage Team Member

1986 - 1988: U.S. Navy Damage Control Assistant School, Newport, RI  
USCG / USN Naval Architecture and Emergency Salvage Instructor

1984-'86: U.S. Coast Guard Cutter UTE, Key West, FL  
USCG Student Engineer, Assist Engineer Officer, Deck Watch Officer, Law Enforcement Boarding Officer

1984: U. S Coast Guard Academy, New London, CT  
USCG Sailing and Nautical Skills instructor

**Skills and Abilities**

**Engineering / Technical Expertise**

Accomplished Instructor / Lecturer:

Shell Emergency Response Incident Commander and Incident Command System Instructor.  
Lloyd's Register accredited instructor for Risk Management, Incident Investigation, Ballast Water Management, LNG Shipping, Hull Inspections & Damage Repair, Ship Classification & Statutory Surveys.

USN, USCG and IMO accredited instructor for Naval Architecture (ship design, intact & damage stability, structures, sea-keeping, motions, load analysis, ship powering and propulsion)  
Mechanical Engineering, Fluid Mechanics, Mechanics of Materials, Finite Element analysis  
Advanced engineering mathematics (calculus, differential equations, linear algebra)

Accomplished reviewing approving engineer:

Ship construction, structures and stability regulatory compliance review specializing in: Novel materials (FRP, Carbon Fiber, sandwich composites, epoxy-wood-FRP laminates) Novel hull forms (SWATH, Hydrofoils, hovercraft, MODUs Lift boats, Surface piercing catamarans, sail craft etc.)

Led various teams responsible for enforcing all domestic and international regulatory requirements for passenger and commercial ships and domestic vapor control and water pollution prevention regulations for all (153 +) oil and chemical terminals in Houston, TX and in Valdez, AK (1996 – 2005)

Significant operational and technical salvage engineering expertise

Led Shell's technical and representative interaction with west coast (WA, CA, OR) Area Contingency Plan Committees, and regulatory bodies

### **People & Project Management,**

Organized and led Shell's participation in 140 person spill (PREP) exercise 2009.

Outfitted, staffed, trained, and commissioned 4-vessel search and rescue and homeland security small boat station 2002-'04

Developed and successfully marketed new business product (Marine Training) throughout North and Central America

Oversaw 10M\$ in re-capitalization /construction projects :

56 new family garage units (2002)

replaced 3 electronic support and facility maintenance buildings (2004-'05)

Replaced community social & recreation center (2002)

Digital upgrade of microwave links to 7 remote communications sites (2004)

Installation of Infrared port security surveillance system

Led regulated industry to first ever "zero-Alaskan-oil-spills" year (2003)

Led top performing USCG unit in Pacific Area 2002-'03

Led top performing USCG unit in Alaska 2004

### **Maritime Security:**

Directed initial Post 9/11 security response actions for Port Of Houston, Texas

Delivered ISPS / MTSA implementation training at international conference Vladivostok Maritime College, (October 2004)

Led on-time, zero-deficiency, Alaskan area implementation of MTSA/ISPS code

Chartered & chaired Prince William Sound Area Maritime Security Committee

Served as Incident Commander for month-long multi-agency Trans- Alaskan Pipeline Security Operation "White Christmas" (2003-'04)

### **Spill Response / Environmental protection:**

Currently serving as staff leader for PWS region's premier citizen environmental group. Organized and directed Shell's participation in 2009 PREP exercise Yabucoa Puerto Rico Chemical Refinery. Lead numerous QI drills and Tier I response exercises for Shell facilities throughout North America. Member, and manager of Shell's National Response Team and Away Team.

As lead Federal Responder, Organized and directed 2004 "NPREP" Prince William Sound area wide oil-spill preparedness exercise

Overall lead Federal Official directing spill response efforts for multiple major and minor Houston and minor Alaskan area spills (1998, 2001-'05)

Expanded Prince William Sound regional Spill response capabilities for non TAPS oil spills with two historic USCG-Tribal spill-response Memorandums of Understanding  
Salvage Engineer 1993 Tampa Bay Ocean 255, Maritrans collision & Oil Spill

**Ballast Water, Inert Gas, Vapor Control**

Spearheaded Chemical Transportation Advisory Committee work group efforts developing best practices to prevent accidental Nitrogen over pressurization of tanks during ship tank conditioning at berth (2000-'01)  
Delivered Ballast Water Management technical training to USCG and international delegates in Houston, and Panama, (2006-'07)

**Public Speaking:**

Accomplished formal Key Note speaker / Master of Ceremonies Military, Industry, Public Functions  
Accomplished Instructor (4 assignments/ 7 years as teacher)  
Experienced TV, Radio, Documentary, newsprint interviewee  
Experienced host to Senate, Congressional, and other VIP visitors  
Accomplished extemporaneous speaker, panelist, subject matter expert, meeting chairman

**Languages:**

Swedish 10 years formal study (near-fluent reading, modest listening, fair speaking ability)  
Spanish 9 years formal study (modest reading, listening, fair speaking abilities)