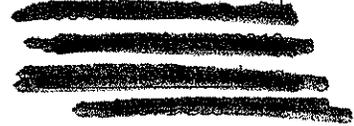


Dana A. Goward



Summary

Career executive at the forefront of technological transformation including pioneering civil AIS satellite and leadership of maritime surveillance systems that increased ship-tracking capacity by 1200%.

Founder and President of non-profit advocating policy and technology improvements to support critical applications and infrastructure.

Led creation of national and international anti-piracy standards, and National Plan to Achieve Maritime Domain Awareness.

Turned around world's largest public safety and security boat organization.

Created and won adoption of US Coast Guard's helicopter rescue swimmer program.

TS/SCI (active)

Senior Executive Service (retired)

Captain, USCG (retired)

Experience

Resilient Navigation & Timing Foundation
President & Executive Director

08 / 2013 - Present

Our Mission: Promote Resilient Navigation and Timing Worldwide. We do this by:

Educating the public and government leaders about the importance of navigation and timing services and the vulnerabilities of existing systems.

Fostering development and implementation of resilient navigation and timing systems as utilities. This will help prevent disruptions to critical infrastructure and economic activity, support first responders, spur development of new technologies and applications, and create jobs.

Supporting stronger laws and enforcement to counter GPS jamming and spoofing

Maritime Governance, LLC
Proprietor

08 / 2013 - Present

Advice and counsel for navigating complex maritime issues.

Marine Transportation Systems, U.S. Coast Guard
Director

05 / 2010 - 07 / 2013

Navigation authority for all US waters & vessels – “We help mariners get there.”

Managed the nation's waterways

- 11 individual business lines; \$1.3B/yr

- Led US delegation to Navigation Safety Sub-Committee, International Maritime Organization (United Nations)
- Led US delegation, member of governing council, International Association of Marine Aids to Navigation and Lighthouse Authorities
- Worked to harmonize 156,000 vessel transits/yr w/ Atlantic wind farm development
- Developed improved process & IT system to address Coast Guard's \$225B bridge permitting backlog, increasing transparency, reducing additional staff needed. Portfolio had 18,000 bridges

Navigation 2025 Project – Led project to transition of maritime navigation from industrial age (lighthouses & buoys) to the information age (GPS, electronic charts, etc.)

- Ground breaking wireless precise position, navigation, and timing (PNT) experiment
- Numerous e-Navigation efforts to leverage GPS & other electronic systems

President's Steering Committee on Federal Infrastructure Permitting and Review Process Improvement

- Deputy Secretary-level forum created by Presidential Executive Order
- Negotiated between competing interests/ authority on highly charged, nationally significant, \$1.3B to \$3.4B projects publicly tracked by White House

Assessment, Integration, Risk Management, U.S. Coast Guard
Director

06 / 2008 - 05 / 2010

Strategic & business planning, performance measurement, cross-function national policy development, including Maritime Domain Awareness

Led US anti-piracy efforts after attack on vessel Maersk Alabama

- RAND Corp called the new US policies "the Gold Standard" for anti-piracy
- Advocated for best practices at UN & overcame industry reluctance to get them adopted
- Global attacks down 95%, no successful attacks on US ships since

Led/teamed on numerous National Security Staff (White House) policy efforts including:

- "National Security Presidential Directive (NSPD) 66, Arctic Region Policy" 2009
- "Countering Piracy Off the Horn of Africa: Partnership and Action Plan" 2008
- "National Ocean Policy" 2010

Upgraded enterprise planning and assessment programs

- Led on-the-ground security assessments of over 170 major seaports world-wide
- Revised suite of over 100 enterprise performance measures
- Ensured inclusion in & alignment w/ parent organization's mission/business architecture
- Led "Evergreen" alternative futures strategic assessment for entire organization

Maritime Domain Awareness Program Integration, U.S. Coast Guard
Director

01 / 2006 - 03 / 2008

Chief, Office of Programs and Architecture

01 / 2004 - 01 / 2006

Led USCG and interagency efforts to "See, Understand and Share" information about what is on and under the sea. Led development and implementation of systems to support awareness. Extensive interface with intelligence community.

- Led interagency policy efforts at White House level, redrafted, re-issued national plan

- Official consultative visits and presentations, to European Union, Australia, Singapore, United Kingdom, Canada
- Developed international partnership to share vessel tracking information

Projects increased number of vessels tracked near US by 1,200%

- Global Long Range Identification & Tracking agreement /program through UN
- \$100M national sensor network to track coastal shipping out to 1,000 miles
- \$200M inter-agency port command center project
- \$8M proof of concept satellite to track ships from space - success spurred industry to launch dozens more

Publications

"The Low Cost of Protecting America" GPS World - January 2014

"Fencing Off the Atlantic" The Maritime Executive - November/December 2013

"MDA, Great Idea, Crummy Name" Journal of the Marine Technology Society, – Marine Technology Society, 2011

"Naval Operations in the Americas" Proceedings on Climate Change and Energy – Johns Hopkins & Center for Naval Analysis, 2010

"Maritime Domain Awareness, the Key to Maritime Security" Published in:

- Legal Challenges to Maritime Security – University of Virginia Center for Oceans & Law Policy, 2008
- Global Legal Challenges: Command of the Commons – Naval War College, 2007

Numerous Articles and Topics - Proceedings of the US Naval Institute – 1985 to 2007

"Career Orientations of Coast Guard Aviators" – Thesis, US Naval Postgraduate School - 1981

Organizations

Resilient Navigation and Timing Foundation <i>President and Executive Director</i>	08 / 2013 – Present
Institute of Navigation <i>Member</i>	10 / 2010 – Present
<i>Council Member, Marine</i>	01 / 2014 – Present
International Association of Marine Aids to Navigation and Lighthouse Authorities <i>Member, Governing Council</i>	06 / 2010 – 07 / 2013
Friends of the RNLl <i>Director</i>	06 / 2004 – Present
US Life-Saving Service Heritage Association <i>Advisory Board</i>	10 / 2003 – Present
Association for Rescue At Sea	01 / 2004 – Present
Ancient Order of the Pterodactyl	08 / 1977 – Present

Education

Massachusetts Institute of Technology Seminar XXI Fellow (International Relations and National Security Studies)	2008 - 2009
Brookings Institution Excellence In Government (U.S. Government and Politics)	2005 - 2008
University of New Orleans Certificate (Training and Development)	1998
US Naval Postgraduate School Certificate (Aviation Safety)	1981
US Naval Postgraduate School Masters of Science (Management)	1980 - 1981
US Navy Flight Training Naval Aviator Designation (Fixed Wing & Helicopter Certification & License)	1976 - 1977
US Coast Guard Academy Bachelor of Science (Political Science and Government)	1970 - 1974

Selected Honors and Awards

Distinguished Career Service Award	Commandant, US Coast Guard 07 / 2013
Legion of Merit Transformation of USCG Boat Forces - "...over 1,000 new positions, increasing operating budget by over 2,000 percent, design, acquisition, and delivery of over 900 standardized response boats."	US Coast Guard 07 / 2003
Air Medal Igor Sikorsky Award for Humanitarian Service Rescue of fishermen during hurricane Chantal, August 1989	US Coast Guard Helicopter Association International 02 / 1990
Achievement Medal Conception, creation, implementation of USCG helicopter rescue swimmer program.	US Coast Guard 06 / 1992