



Hepburn and Sons LLC

“To serve as the Trusted advisors to the American Maritime Industry”

CAPABILITY BRIEF



COMPANY OVERVIEW

Highlights:

- Founded in July 2010
- Government Prime Contractor, Seaport-e
- Veteran Owned Small Business
- Cleared Facility
- 29 Employees
- Leaders in American Society of Naval Engineers



HQ in Manassas, VA

Our Leadership:

- | | |
|--|---------------------------------------|
| CAPT Rick Hepburn, USN (Ret) | President, Chief Executive Officer |
| Mr. Scott Hepburn | Principal, Chief Operating Officer |
| Mr. Eric Hepburn | Principal, Financial Officer |
| Mrs. Samantha Hepburn Hertel | Principal, Customer Relations Officer |
| Mr. Frank McMahon | Chief Information Officer |
| Dr. Daniel Georgiadis | Chief Technology Officer |
| CAPT Henry Rainone, USN (Ret) | Director of Engineering |
| CDR Frank Koye, USN (Ret) | Director of Naval Services |
| Mrs. Chaz Balkenbush | Director of Human Resources |
| Lt. Derryk Walterman, USN (Ret) | Senior Warfare Systems Manager |

Industry Clients:

- Northrop Grumman (AS, ES)
- Leidos
- CACI
- L-3 Communications
- Huntington Ingalls
- Syntek
- Gryphon
- Textron Systems
- BAE Systems & Ship Repair
- ATK
- Security First Corp.
- DRC



SSL on SDTS



Aegis Ashore

Government Clients:

- Defense Threat Reduction Agency (DTRA)
- Missile Defense Agency (MDA)
- NAVSEA, National Shipbuilding Research Program (NSRP)
- NAVSEA Wallops Island – SCSC
- NUWC Keyport - MVDC STTR
- NAVSEA 21, PMS 407
- Air Force Research Lab HEMP SBIR
- PEO Ships, PMS 320
- PMS 405
- ONR 35
- DARPA TTO --MADFIRES
- Military Sealift Command (MSC)
- Commander Navy Regional Maintenance Centers (CNRMC)



Wallops Island



BUSINESS LINES

TECHNOLOGY TRANSITION

Material Science

- Shipbuilding Material Improvements
- Laser Peening to Improve Fatigue Life/Forming/Shaping
- Anti-Fouling Surface Treatments to Reduce Costs
- Composite and Additive Manufacturing

Electrical Engineering

- Energy Storage Solutions
- Shipboard Medium Voltage DC
- Electromagnetic Environmental Effects
- HEMP Facility Hardening

Cybersecurity

- Insider Threat Solutions
- Protect Data at Rest and Data in Motion
- Software Cryptographic Bit Splitting
- Big Data and Data Analytics

SERVICES

Advisory Services

- Dry Docking
- Ship Integration
- Nuclear Survivability and Heat Reduction
- Maritime Strategic Development

Expert Witness Services

- Naval Architecture & Engineering
- Ship Systems
- Navy Ship Asbestos Insulation
- Shipyard Operations

Engineering Support Services

- Naval Engineering
- Warfare Systems Engineering
- Range Operations
- Test and Evaluation