



NUWC DIVISION, KEYPORT

UNDERSEA WEAPONS DEPARTMENT

INDUSTRY DAY 14MAR2023



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Undersea Weapons Department

Mission:

"Delivering Weapons to the Fleet, Range, and Bunkers to dominate the fight."

Vision:

"Lead the Undersea Weapons Enterprise to optimize engineering, maintenance, and production processes through application of technology, advanced analytics, and applied research."



Guiding Principles

Workforce, the driving force of our organization

Excellence defines our efforts

Alignment is demonstrated in our culture, leadership, and process

Partnership enables our success

Optimized through innovation

Nimble in our approach and implementation

Key Products & Services



Keyport & Pearl Harbor IMAs
Intermediate Maintenance

Depot
Electronics Repair



Mechanical
Repair



Mines

Torpedo Intermediate Maintenance Activities (IMAs)

- Heavyweight and Lightweight Torpedo IMAs

Undersea & Combat Systems Depot

- Electronic & Mechanical Depot Repair
- Submarine, Surface & Aviation Support

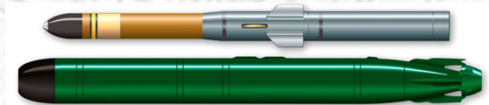
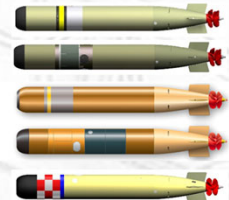
Weapons In-Service Engineering

- Integrated Product Support
- Maintenance & Reliability Engineering
- Fleet Training / Tech Support
- Technical Documentation / Configuration Management

Full Service Ordnance Management & Fleet Support

Undersea Weapons Maintenance Process Optimization

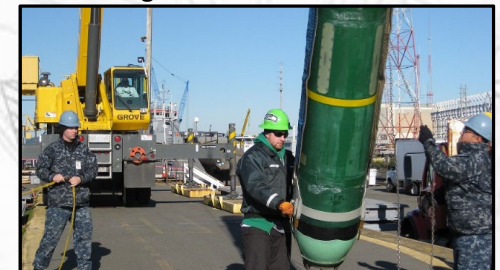
- Industrial and Process Engineering
- Data Sciences and Operations Research



Fleet Support



Magazine Field Office



Industry Areas of Focus

Capability: Next Generation Weapons Support

- Innovative solutions and revitalization focused on the aspects of sustainment.

Capacity: Increasing Demand for Weapons

- HWT Production Restart is starting to deliver components.
- Increase in demand for LWT production.

Readiness: Infrastructure

- Facility/Infrastructure Upgrades

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Service Contracts

- **N0025322C0003 Industrial Support Services**
 - Delphinus Engineering Inc.
 - Awarded 06JAN22; CPFF Bridge
- **N0017818D8089/N0025321F3002 Engineering Support Services**
 - McLaughlin Research
 - Awarded 05APR21; IDIQ/CPIF; Base Year Plus 4 option years
- **N0025321D0001 Silver Reclamation and Transfer Services**
 - Gannon and Scott Phoenix, Inc.
 - Awarded 21OCT20; FFP Base plus 4 Option years
- **Other Services**
 - Calibration of tooling
 - Test set and small appliance repair
 - Analysis and repair
 - Weapons grade machining/fabrication
 - Electroplating and anodizing
 - Electronics test equipment repair
 - HAZWASTE disposal

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Material

- Electric Motor Assemblies
New manufacture
- Aluminum Alloy Fabrication
Shells; pump heads; plates;
- Mechanical Assemblies
Valves; accessory bulkhead
Forward and Aft fuel tank; engine housings
- Electrical Assemblies
Power supplies; circuit card assembly
- Electro-mechanical Assemblies
Parts washers; automated test equipment; Bake Off Oven
- Cable Assemblies
- Unique Consumables
O-rings; electromagnetic interference gaskets; valve seats; cadmium screws
Wiper rings; seals; thrust washers

