Naval Undersea Warfare Center
Division Newport

Industry Day 2020

USW Platforms & Payload Integration
Department

Tracey Acquaro-Pees
James W. Coleman

27 October 2020
Agenda

- Undersea Superiority
- Code 45 Vision / Mission / Tenets
- Code 45 Organizational Structure
- Code 45 Workforce
- Code 45 FY20 Funding Profile
- Code 45 Technical Capabilities
- Code 45 Roles & Responsibilities
- The Code 45 Product Line
- Contract Strategy / Current Portfolio
- New Contracts Planned
Undersea Warfare (USW) Platforms & Payload Integration Department

Today’s Navy

Exploit the Ocean Interface
• Developing, integrating, providing life cycle support for launcher & payload systems
• Maintaining world class development and test facilities and analysis tools
• Providing USW platform autonomy and middleware expertise
• Cooperative foreign military sales support
• Maintaining technical authority and responsibility in USW platform integration

Potential Game Changers/Disruptive Technologies
• Long Duration Unmanned Systems Operations
• Wireless Communications and Power Interfaces
• Advanced Navigation
• Persistent Power Sources
• External Weapon Clips
• Advanced Undersea Systems Autonomy
• Long Range Communications
• Advanced Material Coatings for Shock and Biofouling Mitigation
• Artificial Intelligence/Machine Learning

Next Navy (+5-10 yrs)

Current Focus
Deliver UUV capability to the Fleet while expanding current tactical missile and payload system capabilities with a focus on capabilities leading the transformation of advanced undersea payloads and deployment

Evolutionary Enhancements
• Expand vital land-based facilities and technical capabilities
• Enhance digital engineering capabilities by increased use of Model Based Systems Engineering and Data Analytics
• Evolutionary Weapon Integration
• Advanced Autonomous Undersea Systems
• Unmanned Vehicle Launch and Recovery
• Expand Cooperative Foreign and Domestic Collaborations

Navy After Next (+20 yrs)

Vision of the Future
Modular and netted undersea systems enabling greatly expanded undersea domain effects which are scalable and deliverable from manned and unmanned platforms and environments

Revolutionary Capabilities
• Long Duration Unmanned Undersea Systems Operations
• Interoperability with Distributed Autonomous Systems
• Scalable Universal Encapsulation and launch systems
• Transformational Weapons Integration to Expand Mission Portfolio and Exploit Ocean Interfaces
• AI/ML at Scale to Create Knowledge and Inform Warfighting

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Deliver UUV capability to the Fleet while expanding current tactical missile and payload system capabilities with a focus on capabilities leading the transformation of advanced undersea payloads and deployment

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• Expand vital land-based facilities and technical capabilities
• Enhance digital engineering capabilities by increased use of Model Based Systems Engineering and Data Analytics
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Revolutionary Capabilities
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• AI/ML at Scale to Create Knowledge and Inform Warfighting

Our Vision
Exploit the Ocean Interface for USW Platform & Payload Superiority

Our Mission
Exercise full-spectrum programmatic and technical excellence in tactical missile, payload integration and unmanned undersea system solutions to deliver and sustain USW superiority

Our Tenets
Integrity / Persistence / Results

Any Payload, Any Platform, Any Time
Code 45 Organizational Chart

DEPARTMENT HEAD 45

DEPUTY DEPARTMENT HEAD 45B

OFFICE OF CHIEF ENGINEER 45C

ADVANCED SYSTEMS OFFICE 45T

PROGRAM MANAGEMENT OFFICE 459

DEPT. OPERATIONS STAFF 45B
Tech Dept Acq Advocate (TDAA) 45B

BUSINESS OPERATIONS OFFICE 4501

MISSILES AND PAYLOAD INTEGRATION DIVISION 451

SYSTEMS ENGINEERING BRANCH 4511

CAPSULES, SHAPES AND SIMULATORS BRANCH 4512

EMBEDDED SYSTEMS BRANCH 4513

LOGISTICS AND FLEET SUPPORT BRANCH 4514

OCEAN INTERFACES DIVISION 452

VIRGINIA PAYLOAD TUBE AND MODULE BRANCH 4521

PLATFORM CONCEPT FORMULATION BRANCH 4522

HORIZONTAL PLATFORM SYSTEMS BRANCH 4523

EXTERNAL LAUNCHERS & DEFENSIVE SYS BRANCH 4524

UNMANNED UNDERSEA SYSTEMS DIVISION 453

UUS OPERATIONS BRANCH 4531

UUS DEVELOPMENT AND ACQUISITION BRANCH 4532

UUS EXPERIMENTAL PAYLOADS BRANCH 4533

USW PLATFORM INTEGRATION BRANCH 4534

DIGITAL ENGINEERING DIVISION 454

APPLIED SCIENCES AND STRUCTURAL MECHANICS BRANCH 4541

INFORMATION SYSTEMS AND DATA ANALYTICS BRANCH 4542

SUBSEA WARFARE INTEGRATED SYSTEMS BRANCH 4543

ADVANCED CONCEPTS BRANCH 4544

## Code 45 Presence Outside the Gate

<table>
<thead>
<tr>
<th>Location</th>
<th>Number of C45 Personnel on-Site</th>
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<tbody>
<tr>
<td>COMSUBPAC, HI</td>
<td>2</td>
</tr>
<tr>
<td>Division Keyport, WA</td>
<td>3</td>
</tr>
<tr>
<td>OPNAV N97, Washington, D.C.</td>
<td>1</td>
</tr>
<tr>
<td>PMS397 CMC, New London, CT</td>
<td>2</td>
</tr>
<tr>
<td>PMS450, Washington Navy Yard, D.C.</td>
<td>1</td>
</tr>
<tr>
<td>St. Julien’s Creek Annex, Norfolk, VA</td>
<td>1</td>
</tr>
<tr>
<td>SOCCOM, West Palm, FL</td>
<td>1</td>
</tr>
<tr>
<td>Sub Base, Bangor, WA</td>
<td>2</td>
</tr>
</tbody>
</table>
Our People - Code 45

Civilian Workforce- 432
As of Sept 2020

Work Force Composition
- 90.5% Of Our Workforce are Engineers and Scientists
- 37% of Our Scientists and Engineers Have Advanced Degrees
  - 16 PhDs
  - 120 Masters
- 18% Female, 82% Male
- Average Age- 41.6 yrs

Total Employment by Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Civil Service</th>
<th>Contract WY’s*</th>
<th>Est Overall Employment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering/Science</td>
<td>391</td>
<td>69</td>
<td>460</td>
</tr>
<tr>
<td>Technical Support</td>
<td>10</td>
<td>56</td>
<td>66</td>
</tr>
<tr>
<td>Professional Administrative</td>
<td>24</td>
<td>73</td>
<td>97</td>
</tr>
<tr>
<td>Administrative Support</td>
<td>1</td>
<td>10</td>
<td>11</td>
</tr>
<tr>
<td>Clerical</td>
<td>1</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>Students</td>
<td>5</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>Total</td>
<td>432</td>
<td>217</td>
<td>649</td>
</tr>
</tbody>
</table>
What we do in Code 45

Warfare Center Technical Capabilities

NP09 – USW Launcher Systems and Payload Integration
• Provides national technical leadership, system engineering, and technical direction oversight of assigned [launcher systems]
• Provides specialized technical expertise and unique national asset laboratory test facilities [...]

NP10 – Submarine Tactical Missile Integration
• Provides national technical leadership, system engineering, and technical direction oversight of assigned submarine launched all-up-round tactical missiles [... and associated equipment]
• Performs system engineering, design engineering, software engineering, logistics engineering[...]

NP11 – USW Autonomous Vehicles
• Provide scientific and engineering knowledge and facilities for conducting a full spectrum program of research, science and technology, development, engineering, acquisition planning, and test and evaluation for undersea warfare (USW) autonomous unmanned undersea systems [...]

Stewarding Technical Capabilities for Undersea Superiority Today and Tomorrow
In-Service Engineering Agent (ISEA), Technical Direction Agent (TDA), Design Agent (DA), System Integration Agent (SIA), Acquisition Engineering Agent (AEA), Software Support Activity (SSA)
Contract Strategy

Objectives:

- Finalizing transition from product aligned to function aligned services
- Code 45 contracts portfolio is aligned with new Department organization
- Provide for hardware, services, rapid prototyping and acquisition support and execution to our customer base
# Code 45 Existing Major Contracts SeaPort and IDIQ

## SeaPort

<table>
<thead>
<tr>
<th>Contract #</th>
<th>TO/DO</th>
<th>Contract Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N00178-04-D-4010</td>
<td>N6660419F3011</td>
<td>TEMPALT/TEMPMOD/COH (ASC)</td>
</tr>
<tr>
<td>N00178-04-D-4066</td>
<td>N6660418F3022</td>
<td>AMSTC Lab (Serco)</td>
</tr>
<tr>
<td>N00178-19-D-8089</td>
<td>N6660420F3004</td>
<td>C45 Lab Complex (MRC)</td>
</tr>
<tr>
<td>N00178-04-D-4083</td>
<td>N6660419F3003</td>
<td>SVTT Overhaul and Production (MRC)</td>
</tr>
<tr>
<td>N00178-04-D-4083</td>
<td>N6660419F3006</td>
<td>ILS/ISEA/FTP Serv (MRC)</td>
</tr>
<tr>
<td>N00178-04-D-4119</td>
<td>N435</td>
<td>TOMIS (SAIC)</td>
</tr>
</tbody>
</table>

## IDIQ

<table>
<thead>
<tr>
<th>Contract #</th>
<th>Contract Description</th>
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<tbody>
<tr>
<td>N66604-11-D-0165</td>
<td>REMUS (Hydroid)</td>
</tr>
<tr>
<td>N66604-11-D-0558</td>
<td>Air Bag Inflator SBIR (SEACorp)</td>
</tr>
<tr>
<td>N66604-14-D-0344</td>
<td>UUV (WHOI)</td>
</tr>
<tr>
<td>N66604-17-D-C700</td>
<td>FMS Harpoon Serv (Boeing)</td>
</tr>
</tbody>
</table>
# Code 45 Existing Major Contracts

## Multi-Award Contracts (MAC)

### UUV Family of Systems

<table>
<thead>
<tr>
<th>Contract #</th>
<th>Contract Description</th>
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<tbody>
<tr>
<td>N66604-18-D-C801</td>
<td>UUV FOS (Aerjet)</td>
</tr>
<tr>
<td>N66604-18-D-C802</td>
<td>UUV FOS (Serco)</td>
</tr>
<tr>
<td>N66604-18-D-C803</td>
<td>UUV FOS (ASC)</td>
</tr>
<tr>
<td>N66604-18-D-C804</td>
<td>UUV FOS (BAE)</td>
</tr>
<tr>
<td>N66604-18-D-C806</td>
<td>UUV FOS (Draper)</td>
</tr>
<tr>
<td>N66604-18-D-C807</td>
<td>UUV FOS (DRS)</td>
</tr>
<tr>
<td>N66604-18-D-C808</td>
<td>UUV FOS (GA)</td>
</tr>
<tr>
<td>N66604-18-D-C809</td>
<td>UUV FOS (GD)</td>
</tr>
<tr>
<td>N66604-18-D-C810</td>
<td>UUV FOS (Hamilton)</td>
</tr>
<tr>
<td>N66604-18-D-C811</td>
<td>UUV FOS (HII FSG)</td>
</tr>
<tr>
<td>N66604-18-D-C812</td>
<td>UUV FOS (Hydroid)</td>
</tr>
<tr>
<td>N66604-18-D-C814</td>
<td>UUV FOS (L3)</td>
</tr>
<tr>
<td>N66604-18-D-C815</td>
<td>UUV FOS (Lockheed)</td>
</tr>
<tr>
<td>N66604-18-D-C816</td>
<td>UUV FOS (MOOG)</td>
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<tr>
<td>N66604-18-D-C817</td>
<td>UUV FOS (NG)</td>
</tr>
<tr>
<td>N66604-18-D-C818</td>
<td>UUV FOS (OII)</td>
</tr>
<tr>
<td>N66604-18-D-C819</td>
<td>UUV FOS (Raytheon)</td>
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<tr>
<td>N66604-18-D-C820</td>
<td>UUV FOS (Rite Solutions)</td>
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<tr>
<td>N66604-18-D-C822</td>
<td>UUV FOS (SAIC)</td>
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<tr>
<td>N66604-18-D-C823</td>
<td>UUV FOS (SEACorp)</td>
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<tr>
<td>N66604-18-D-C825</td>
<td>UUV FOS (Southwest)</td>
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<tr>
<td>N66604-18-D-C826</td>
<td>UUV FOS (Teledyne)</td>
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<tr>
<td>N66604-18-D-C828</td>
<td>UUV FOS (WHOI)</td>
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### DSS-SOC

<table>
<thead>
<tr>
<th>Contract #</th>
<th>Contract Description</th>
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<tbody>
<tr>
<td>N66604-19-D-L901</td>
<td>DSS-SOC (ASC)</td>
</tr>
<tr>
<td>N66604-19-D-L902</td>
<td>DSS-SOC (OII)</td>
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<tr>
<td>N66604-19-D-L903</td>
<td>DSS-SOC (Serco)</td>
</tr>
<tr>
<td>N66604-20-D-L904</td>
<td>DSS-SOC (SEACorp)</td>
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</table>

### SUBSAFE

<table>
<thead>
<tr>
<th>Contract #</th>
<th>Contract Description</th>
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<tbody>
<tr>
<td>N66604-20-D-D001</td>
<td>SUBSAFE (EB)</td>
</tr>
<tr>
<td>N66604-20-D-D002</td>
<td>SUBSAFE (HII)</td>
</tr>
<tr>
<td>N66604-20-D-D003</td>
<td>SUBSAFE (OII)</td>
</tr>
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### Rapid Prototype

<table>
<thead>
<tr>
<th>Contract #</th>
<th>Contract Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>N66604-20-D-K001</td>
<td>Rapid Prototype (BAH)</td>
</tr>
<tr>
<td>N66604-20-D-K002</td>
<td>Rapid Prototype (HII-FSG)</td>
</tr>
<tr>
<td>N66604-20-D-K003</td>
<td>Rapid Prototype (NGMS)</td>
</tr>
<tr>
<td>N66604-20-D-K004</td>
<td>Rapid Prototype (Oasis)</td>
</tr>
<tr>
<td>N66604-20-D-K005</td>
<td>Rapid Prototype (OII)</td>
</tr>
<tr>
<td>N66604-20-D-K006</td>
<td>Rapid Prototype (SAIC)</td>
</tr>
<tr>
<td>N66604-20-D-K007</td>
<td>Rapid Prototype (Serco)</td>
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</table>
### 9 New Contracts Planned

<table>
<thead>
<tr>
<th>Task Description</th>
<th>Estimated Value ($M)</th>
<th>Anticipated Strategy</th>
<th>Action Type</th>
<th>Current Contract #</th>
<th>Incumbent</th>
<th>Anticipated RFP Release FY QTR</th>
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</thead>
<tbody>
<tr>
<td>Concept Development, Test and Evaluation Services</td>
<td>$35.0</td>
<td>Full and Open Competition</td>
<td>SeaPort</td>
<td>N00178-04-D-4018 / 412, N00178-04-D-4018 / N413, and N00178-04-D-4083 / N460</td>
<td>BAE, BAE, and MRC</td>
<td>2021 QTR 2</td>
</tr>
<tr>
<td>C45 Hardware and Supplies IDIQ</td>
<td>$225.0</td>
<td>Full and Open Competition</td>
<td>IDIQ</td>
<td>N66604-10-D-034A/C</td>
<td>EB, OII</td>
<td>2021 QTR 3</td>
</tr>
<tr>
<td>SVTT Mk 32 Air Flask Inspection and Procurement</td>
<td>$3.4</td>
<td>Full and Open Competition</td>
<td>IDIQ</td>
<td>N66604-13-D-1217</td>
<td>FLUMS MACHINE FACTORY</td>
<td>2021 QTR 1</td>
</tr>
<tr>
<td>Digital LCDP</td>
<td>$3.0</td>
<td>Full and Open Competition</td>
<td>Commercial Item</td>
<td>N66604-18-C-0464</td>
<td>Epsilon</td>
<td>2021 QTR 2</td>
</tr>
<tr>
<td>Air Bag Inflator</td>
<td>$13.5</td>
<td>Sole Source Small Business Innovation</td>
<td>IDIQ</td>
<td>N66604-11-D-0558</td>
<td>SEA CORP</td>
<td>2021 QTR 1</td>
</tr>
<tr>
<td>Tomahawk Information Systems (TOMIS)</td>
<td>$8.0</td>
<td>TBD</td>
<td>SeaPort</td>
<td>N00178-04-D-4119 / N435</td>
<td>SCIENCE APPLICATIONS INTERNATIONAL CORP</td>
<td>2021 QTR 2</td>
</tr>
<tr>
<td>FMS Harpoon Services</td>
<td>$1.5</td>
<td>Sole Source</td>
<td>IDIQ</td>
<td>N66604-17-D-C700</td>
<td>BOEING</td>
<td>2022 QTR 2</td>
</tr>
<tr>
<td>ILS/ISEA/FTP Services</td>
<td>$50.0</td>
<td>Full and Open Competition</td>
<td>SeaPort</td>
<td>N00178-04-D-4083 / N66604-19-F-3006</td>
<td>MRC</td>
<td>2023 QTR 2</td>
</tr>
<tr>
<td>AMSTC Lab Services</td>
<td>$50.0</td>
<td>Full and Open Competition</td>
<td>SeaPort</td>
<td>N00178-04-D-4066 / N66604-18-F-3022</td>
<td>SERCO</td>
<td>2023 QTR 3</td>
</tr>
</tbody>
</table>
Concept Dev, Modernization and T&E Eng Services Contract

• Summary of Contract Scope:
  – 5 Year SeaPort task order for engineering and technical services required for the development and analysis of advanced concepts; development and analysis of new systems; engineering and design investigations of problems encountered with existing systems; system safety assessments; preliminary engineering change proposal development; fabrication, assembly, installation and testing of engineering development hardware in land-based test facilities and onboard ships; technical program management support; systems engineering; new and existing payload integration on new and existing submarines and surface ships; and test and evaluation of systems.
Concept Dev, Modernization and T&E Eng Services Contract (cont’d)

- **Contract Details:**
  - SeaPort Task Order
  - Five (5) year Period of Performance
  - Acquisition Strategy: Unrestricted. Draft SOW to be released.
  - Level of Effort: ~250,000 hrs; CPFF and FFP
  - Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  - Unique Certifications: TBD
  - Other Direct Costs (ODC’s) will be in the neighborhood of ~33% of total cost
  - Partial follow-on to: N00178-04-D-4018-N412, N00178-04-D-4018-N413, and N00178-04-D-4083-N460
  - RFP Release: FY21Q2
• Contract Details (cont’d):
  – Clearance Level: Secret
  – Work Locations: ~20% Government-site, ~80% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
C45 Hardware and Supplies Contract

- **Summary of Contract Scope:**
  - 5 year IDIQ MAC to support engineering and technical services for systems engineering, technical analyses, mechanical and electrical design, manufacturing, installation, test and evaluation, and repair services for USW Platforms & Payload Integration components and assemblies.
C45 Hardware and Supplies Contract (cont’d)

• Contract Details:
  – IDIQ MAC
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted. Draft SOW to be released.
  – Level of Effort: TBD; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications: TBD
  – Other Direct Costs (ODC’s): TBD
  – Partial follow-on to: N66604-10-D-034A/C
  – RFP Release: FY21Q3
C45 Hardware and Supplies Contract (cont’d)

- **Contract Details (cont’d):**
  - Clearance Level: Secret
  - Work Locations: ~10% Government-site, ~90% Contractor Site.
  - Facilities: TBD
  - Facility Security Clearance Required: Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
Air Flask Inspection/Fab

- **Summary of Contract Scope:**
  - 5-year Indefinite Delivery Indefinite Quantity (IDIQ) contract to purchase new SVTT Mk 32 Air Flasks, inspect existing Air Flasks and if required re-paint the existing Air Flask.
Air Flask Inspection/Fab (cont’d)

• Contract Details:
  – IDIQ
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted.
  – Level of Effort: TBD hrs; CPFF and FFP anticipated
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications:
    • Technical expertise in manufacturing, testing and painting of Air Flasks in accordance with Government Mil Standards
    • Inspections IAW Department of Transportation requirements
    • OSHA/HAZMAT certification required
  – Other Direct Costs (ODC’s): TBD
Air Flask Inspection/Fab (cont’d)

- **Contract Details (cont’d):**
  - Follow on to N66604-13-D-1217
  - RFP Release: FY21Q1
  - Clearance Level: Unclassified
  - Work Locations: 100% Contractor Site
  - Facilities: No on-site personnel requirement
  - Facility Security Clearance Required: TBD
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
Digital LCDP Fabrication

- **Summary of Contract Scope:**
  - 5-year Indefinite Delivery Indefinite Quantity (IDIQ) contract to purchase new Built-to-Print Internal Countermeasure Launcher (ICL) Launch Control and Display Panels to support VIRGINIA Class Block V and COLUMBIA Class new construction.
• **Contract Details:**
  – Commercial Item Test Program (CITP)
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted.
  – Level of Effort: FFP anticipated
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications:
    • Technical expertise in manufacturing and testing electronic panels in accordance with Government/Military Drawings and Standards
  – Other Direct Costs (ODC’s): TBD
• **Contract Details (cont’d):**
  – Similar to N66604-18-C-0464
  – RFP Release: FY21Q2
  – Clearance Level: Unclassified
  – Work Locations: 95% Contractor Site; 5% Government
  – Facilities: No on-site personnel requirement
  – Facility Security Clearance Required: TBD
  – Organizational Conflict of Interest (OCOI) Clause Applies
Air Bag Inflator SBIR

• Summary of Contract Scope:
  – 5-year Indefinite Delivery Indefinite Quantity (IDIQ) Phase III SBIR contract to provide continued and uninterrupted engineering support services in the area of pre-production definition and development of Launcher System components and respective interfaces that are directly affected by the introduction of COTS gas generators as the source of Launch Impulse Energy and associated Payload Canisterization.
Air Bag Inflator SBIR (cont’d)

• Contract Details:
  – IDIQ
  – Five (5) year Period of Performance
  – Acquisition Strategy: Sole Source SBIR
  – Level of Effort: TBD hrs; CPFF and FFP anticipated
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications:
    • OSHA/HAZMAT certification required
    • Category II Crane Operator certification required
  – Other Direct Costs (ODC’s): TBD
Air Bag Inflator SBIR (cont’d)

- **Contract Details (cont’d):**
  - Follow on to N66604-11-D-0558
  - RFP Release: FY21Q1
  - Clearance Level: Secret
  - Work Locations: ~20% Government-site, ~80% Contractor Site
  - Facilities: Government will provide facilities for on-site personnel
  - Facility Security Clearance Required: Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
Tomahawk Information Systems (TOMIS) Services Contract

• **Summary of Contract Scope:**
  
  – 5 Year SeaPort task order for the continued development and maintenance of TOMIS software applications, architecture and documentation; Maintaining TOMIS availability; Providing technical support for Government/Contractor users base.
• Contract Details:
  – SeaPort Task Order
  – Five (5) year Period of Performance
  – Acquisition Strategy: TBD – Sources Sought
  – Level of Effort: ~90,000 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications: TBD
  – CMMI Level 3 or equivalent
  – Software Development Plan (SDP) may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~10% of total cost
Tomahawk Information Systems (TOMIS) Services Contract (cont’d)

- **Contract Details (cont’d):**
  - Follow-on to: N00178-04-D-4119-N435
  - RFP Release: FY21Q1
  - Clearance Level: Secret
  - Work Locations: ~100% Government-site
  - Facilities: Government will provide facilities for on-site personnel
  - Facility Security Clearance Required: Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
FMS Harpoon Services Contract

• Summary of Contract Scope:
  – 5 Year IDIQ for engineering services, technical services, logistics services, prototypes, and test hardware in support of EHWS Program for Foreign Military Sales (FMS) applications.
FMS Harpoon Services Contract (cont’d)

• Contract Details:
  – IDIQ
  – Five (5) year Period of Performance
  – Acquisition Strategy: Sole Source
  – Level of Effort: ~5,000 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications: TBD
  – CMMI Level 3 or equivalent
  – SDP may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~10% of total cost
• Contract Details (cont’d):
  – Partial follow-on to: N66604-17-D-C700
  – RFP Release: FY22Q2
  – Clearance Level: Secret
  – Work Locations: ~20% Government-site, ~80% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: Secret
  – Organizational Conflict of Interest (OCOI) Clause Applies
• **Summary of Contract Scope:**
  – 5 Year SeaPort task order for in-service Integrated Logistics Support (ILS); engineering (systems, software, safety and design); configuration management; Tomahawk Flight Test Program (FTP) technical services; and Program & Financial Management Support.
ILS, ISEA and FTP Support Services Contract (cont’d)

• Contract Details:
  – SeaPort Task Order
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted.
  – Level of Effort: ~700,000 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person.
  – Unique Certifications:
    • Conventional Ordnance Certification per OPNAVINST 8023.24C & OPNAVINST 5530.13C
    • Category II and III Crane Operator certification required
    • OSHA/HAZMAT certification required
  – CMMI Level 3 or equivalent
  – SDP may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~20% of total cost
• **Contract Details (cont’d):**
  – Follow-on to: N00178-04-D-4083 / N66604-19-F-3006
  – RFP Release: FY23Q2
  – Clearance Level: TS/SCI
  – Work Locations: ~80% Government-site, ~20% Contractor Site
  – Facilities: Government will provide facilities for on-site personnel
  – Facility Security Clearance Required: TS/SCI
  – Organizational Conflict of Interest (OCOI) Clause Applies
AMSTC Lab Services Contract

• Summary of Contract Scope:
  – 5 Year SeaPort task order to obtain services for the AMSTC Laboratory for Code 45 existing legacy system UUVs, AUVs, Gliders and their associated programs and projects to include Computer Software Programming, Design, Development, and Maintenance; Engineering Design, Development, and Evaluation; Modeling and Simulation; At-Sea Test and Evaluation (T&E); Integrated Logistics Support (ILS) and Fleet Support; Cyber Security (CS) and Anti-Tamper (AT); AUV and UUV Operator Training and Qualification; Program Support and Administrative Services
• Contract Details:
  – SeaPort Task Order
  – Five (5) year Period of Performance
  – Acquisition Strategy: Unrestricted
  – Level of Effort: ~400,000 hrs; CPFF and FFP
  – Unique Personnel: A group of key personnel may be requested covering designated areas of expertise; if requested, a resume will be necessary for each key person
  – Unique Certifications: TBD
  – CMMI Level 3 or equivalent
  – Cyber Security / Anti-Tamper IAW DoDI 8500.01
  – SDP may be required
  – Other Direct Costs (ODC’s) will be in the neighborhood of ~45% of total cost
AMSTC Lab Services Contract (cont’d)

- Contract Details (cont’d):
  - Follow-on to: N00178-04-D-4066 / N66604-18-F-3022
  - RFP Release: FY23Q3
  - Clearance Level: Top Secret
  - Work Locations: TBD% Government-site, TBD% Contractor Site
  - Facilities: Government will provide facilities for on-site personnel
  - Facility Security Clearance Required: Top Secret
  - Government Furnished Assets / Materials / Equipment / Information (GFA/M/E/I): Provided in Solicitation and upon award of contract
  - Organizational Conflict of Interest (OCOI) Clause Applies
Questions?