Our Mission:
Help Warfighters develop the skills they need to fight and win…
...by the most cost-effective means.
Workforce: 1,200+
Business Base: $1.2 Billion
From Concept, To Delivery, And Beyond

- Research
- Development
- Test and Evaluation
- Acquisition
- Product Support
Focus Areas

- Cyber Security
- Live, Virtual, Constructive (LVC)
- Intelligent Tutoring
- Navy N1 Effort
- MRTS
- E-Sailor
Questions?
What We are Going to Tell You

• Opportunities Overview

• Small Business

• Why Stay Engaged
ADM J. Greenert  
Chief of Naval Operations

VADM D. Dunaway  
NAVAIRSYSCOM

RDML D. Peters  
NAWCAD

CAPT W. Naylor, CO  
CAPT E. Etz, XO

Mr. John Meyers (SES), TD  
Mr. Rob Matthews, DTD

SB Programs  
Tony Delicati

PMA-205  
CAPT C. Dorrans

1.0 Program Management  
2.0 Contracts  
4.0 Research & Engineering  
5.0 Test & Evaluation  
6.0 Logistics  
7.0 Corporate Operations  
10.0 Comptroller  
11.0 Counsel

Program Directorates

PD-Aviation Support  
Brian Hicks

PD-Surface & Undersea Support  
Paul Honold

PD-Cross Warfare Support  
Mike Merritt

PD-International Support  
Aida Matta  
(Acting)

Research & Technology  
Maureen Bergondy-Wilhelm

VADM W. French  
CNIC

RDML R. Williamson  
CNRSE

CAPT W. Naylor, CO  
CAPT E. Etz, XO  
NSA Orlando

Facilities  
PWD

Public Safety
PMA-205 FY16 Program Overview

Presented to:
Training Systems Industry Symposium

Presented by:
Captain C. M. Dorrans, USN
Program Manager, Naval Aviation Training Systems (PMA-205)

Date: 17 Jun 2015
FY2015 Program Summary

• **Mission**: PMA-205 provides training solutions to enable war fighting readiness. We are responsible for the full lifecycle support of all Naval Aviation training systems and training ranges used by Sailors and Marines.

• **FY2015 Scope**
  - 2 ACAT IV Programs
  - 31 AAP Programs
  - 11 Prospective AAP Programs
  - 17 Non-Acquisition Programs
  - 5 Prospective Non-Acquisition Programs

<table>
<thead>
<tr>
<th>FY2015</th>
<th>Budget Authority</th>
</tr>
</thead>
<tbody>
<tr>
<td>APN Common Ground Equip</td>
<td>$156,522,000</td>
</tr>
<tr>
<td>OPN Weapons Rng Sup Equipment</td>
<td>$46,410,000</td>
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<tr>
<td>OMN Training Equip Ops (12AMK)</td>
<td>$40,409,000</td>
</tr>
<tr>
<td>RDTE Tactical Combat Trng System</td>
<td>$10,349,000</td>
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<tr>
<td>OMN Range Support (12AUX)</td>
<td>$8,900,000</td>
</tr>
<tr>
<td>APN Tactical Combat Trng System</td>
<td>$5,630,000</td>
</tr>
<tr>
<td>RDTE Training Range &amp; Instr Dev</td>
<td>$2,729,000</td>
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<tr>
<td>OMN Facilities and Landing Aids</td>
<td>$2,723,000</td>
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<td>RDTE Air Warfare Trng Development</td>
<td>$1,262,000</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>$274,934,000</strong></td>
</tr>
</tbody>
</table>
Shrinking defense budgets coupled with large future programs will stress aviation training investments over next 5-10 years.

We must think differently if we are going to continue to provide quality training to warfighters:

- Leverage virtual technology
- Pursue smaller, more diverse and economical solutions for upgrades and modifications
- Develop a common standards for training systems (TRACE)
  - Open Architecture
  - Common HW interface
  - SW/HW reuse
- Align future requirements with technology enhancements

Several “New Start” programs in PMA-205 for 2016

- Could see impact of extended CRA
Strategic Vision

Shuhei Yoshida, president of Sony’s Worldwide Studios, claimed that we are about to witness the birth of a “new medium.” Yoshida was there to reveal further details about Morpheus, the Japanese company’s forthcoming virtual-reality headset for PlayStation 4, which is due for release in the first half of 2016.

Current Ready Room Training

- Stovepiped
- Does not enhance proficiency
- Quality is instructor dependent
- Not immersive
- BORING

Future Ready Room Training

- Reconfigurable, change T/M/S on the fly
- Interconnected or stand alone
- Very low cost
- Proficiency enhancing
- Immersive
- FUN!

Shuhei Yoshida, president of Sony’s Worldwide Studios, claimed that we are about to witness the birth of a “new medium.” Yoshida was there to reveal further details about Morpheus, the Japanese company’s forthcoming virtual-reality headset for PlayStation 4, which is due for release in the first half of 2016.
Training System Common Environment (TRACE)

The combination of a reference architecture standard and open business model that permits components to be added, modified, replaced, removed and/or supported by different vendors throughout the life cycle in order to drive opportunities for

- Maximizing software re-use
- Less customization/greater plug-n-play
- More efficient sustainment
- Enhanced competition & innovation

Present State

Future State

Family of Portable Applications

IOS Avionics IG
The Need: Large, complex training scenarios

However: Airspace and range limitations inhibit Live training

Solution: LVC enables highly complex training generating pilot proficiency at a fraction of the cost

LVC Roadmap

Today: Stand alone training devices
Near Term: Virtual integrated training environment
Future: Distributed Live, Virtual and Constructive training

Training LVC Components
Naval Aviation Distributed Training Center (NADTC):
- Hub for LVC training
- Connects all pillars
- Scenario generation
- Brief/debrief/replay
- Performance assessment

Live: Tactical combat training system, connecting live flight to virtual and constructive entities
Virtual: Naval Aviation Simulator Master Plan, delivering high fidelity connected simulators
Constructive: Next generation threat simulator, high fidelity EW/EA threat presentation

**Distribution Statement A - Approved for public release; distribution is unlimited, as under NAVAIR Public Release Authorization 2015-475**
NASMP transition to FITE 2025

- Training systems provided are tactically relevant, networked, scalable, and deliver a full spectrum aircrew combat training environment
- Improved fidelity allows for maximize use of virtual and constructive simulation for training across T/M/S
- Training systems mirror current combat aircraft configuration including common environmental, threat, weapons models and simulation
- Maintains a common budget line that addresses all aircrew training devices technical refresh, obsolescence management and technology upgrades
- Introduce virtual gaming technology to replace/modify large, expensive devices without degrading proficiency
Naval Aviation Distributed Training Center (NADTC)

- Naval Aviation Distributed Training Center (NADTC) is a central hub for aviation centric distributed training events (FST-A)

- NADTC Functions:
  - Coordinate Distributed Integrated Training
  - Technical support to establish connectivity at required security classification
  - Exercise planning to include scenario generation / implementation
  - Real time management / coordination of training activities
  - Opposing Force management
  - Exercise Brief/Debrief
Summary

• Continue to execute numerous programs in PMA-205

• Budget increasing in FY16 but anticipate smaller budget in future

• Looking for innovative solutions with large return on investment savings
  – Continued focus on NASMP & LVC
  – Developing NADTC
  – Looking to Virtual Reality and TRACE as future capabilities
Disclaimer

• The information about to be presented affords industry partners insight into on-going and pending acquisitions.

• Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYS.COM, DASN(A&LM) and DPAP peer reviews.
Strike Department
**Description/Summary of Program Requirements**

- Provide technology/obsolescence upgrades to six (6) T-45 Operational Flight Trainers (OFTs) located in Naval Air Station (NAS) Meridian, MS

<table>
<thead>
<tr>
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<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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<tr>
<td>• TSC III competitive Lot II</td>
<td>• 38 Months</td>
<td><strong>APR 2015</strong></td>
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<td><strong>RFP Released</strong></td>
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<td><strong>NOV 2015</strong></td>
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<td><strong>Contract Award</strong></td>
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<tr>
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<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
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<tbody>
<tr>
<td>Name: CAPT Craig Dorrans</td>
<td>• $31M</td>
<td>• Last modification by Boeing</td>
</tr>
<tr>
<td>Organization: PMA-205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: (301) 757-6944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:Craig.Dorrans@navy.mil">Craig.Dorrans@navy.mil</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Naval Aviation Simulator Master Plan (NASMP) Immersion Fidelity (NIF) Program will provide Motion and Aural Cueing upgrades to improve simulator realism to meet NASMP End State Analysis requirements.

**ACQUISITION STRATEGY**
- Sole Source – Boeing Corporation
- BOA

**PERIOD OF PERFORMANCE**
- 36-48 Months

**MILESTONES**
- MAY 2015
  - RFP Released
- SEP 2015
  - Contract Award

**POINT OF CONTACT**
- Name: CAPT Craig Dorrans
- Organization: PMA-205
- Phone: (301) 757-6944
- Email: Craig.Dorrans@navy.mil

**FUNDING**
- $11.6M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- Last modification by L-3
**C-2A OFT Service Life Extension Program (SLEP)**

**N61340-14-P1-PMA-205-0073**

## Description/Summary of Program Requirements

- Provide technology / obsolescence upgrades to the 2F168-1 and 2F168-2 Operational Flight Trainers located in Naval Station (NS) Norfolk, VA and Naval Air Station (NAS) North Island, CA.

<table>
<thead>
<tr>
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</tbody>
</table>

### POINT OF CONTACT

- Name: CAPT Craig Dorrans
- Organization: PMA-205
- Phone: (301) 757-6944
- Email: Craig.Dorrans@navy.mil

### FUNDING

- $6M

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Last Upgrade by ASI

---

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- Procure two Tactics Trainers, one Maintenance Trainer, and one Flight Trainer
- Provide aircraft concurrency updates and capability improvements to ten (10) E-2D aircrew and maintenance training systems at Naval Station (NS) Norfolk, VA and Naval Base Ventura County (NBVC) Pt Mugu, CA

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Period of Performance</th>
<th>Milestones</th>
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</thead>
<tbody>
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<td>TBD</td>
<td>5 years</td>
<td>Mar 2016</td>
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</table>

<table>
<thead>
<tr>
<th>Point of Contact</th>
<th>Funding</th>
<th>Current Contract/Original Developer/OEM (If Recompete)</th>
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</thead>
<tbody>
<tr>
<td>Name: Brian Hicks</td>
<td>• Estimated $185M</td>
<td>• E-2D HITS-A, HITS-M and HITS-II</td>
</tr>
<tr>
<td>Organization: NAWCTSD</td>
<td></td>
<td>• Rockwell Collins STS</td>
</tr>
<tr>
<td>Phone: (407) 380-8085</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:brian.hicks@navy.mil">brian.hicks@navy.mil</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Description/Summary of Program Requirements

- Current planning includes procurement of eight (8) MCATs and deliver MCATs to: Marine Corps Air Station (MCAS) New River, NC; MCAS Camp Pendleton, CA; MCAS Kaneohe Bay, HI; MCAS Futenma, JA; MCAS Miramar, CA; Joint Reserve Base (JRB) McGuire-Ft-Dix-Lakehurst (MDL), NJ; and NAS Norfolk.
- Release of updated draft Documents - SOW, SPEC, CDRLs, draft sections B, L & M 5 MAR 2015

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TSC III competitive LOT I</td>
<td>• Base Year: Procure MCAT1, 2, 3.</td>
<td>OCT 2015</td>
</tr>
<tr>
<td></td>
<td>• Deliver MCAT 1 to MCAS New River NLT 27 Months after Contract Award</td>
<td>RFP Release</td>
</tr>
<tr>
<td></td>
<td>• Deliver MCAT2 to MCAS Camp Pendleton NLT 30 Months after Contract award</td>
<td>Contract Award</td>
</tr>
<tr>
<td></td>
<td>• Options: MCAT 4-6 to be awarded within 27 Mo of Base Year Contract Award</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• MCAT 7, 8 – not yet funded (Reserve Funded)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
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</thead>
<tbody>
<tr>
<td>Name: CAPT Craig Dorrans</td>
<td>• Estimated $65M</td>
<td>• N/A</td>
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<tr>
<td>Organization: PMA-205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: (301) 757-6944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:Craig.Dorrans@navy.mil">Craig.Dorrans@navy.mil</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
**AV-8B Deployable Mission Rehearsal Trainer (DMRT)**

### Description/Summary of Program Requirements

- Procure a minimum of six (6) and up to eight (8) shipboard capable DMRTs supporting initial and refresher training
- DMRTs will be designed for shipboard operation and also be utilized at Marine Aviation Training System Site (MATSS) locations at Marine Corps Air Station (MCAS) Yuma, AZ, and MCAS Cherry Point, NC
- DMRTs will network to each other at each site only
- DMRTs will not network with other Marine Corps Aviation Training Systems or Aviation Distributed Virtual Training Environment (ADVTE)
- Draft RFP documents released October 2014. Sponsor updated requirements on 30 April 2015

### Acquisition Strategy

- TSC III competitive LOT II

### Period of Performance

- Base period

### Milestones

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>OCT 2015</td>
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<td>APR 2016</td>
<td>Contract Award</td>
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</tbody>
</table>

### Point of Contact

- Name: CAPT Craig Dorrans
- Organization: PMA-205
- Phone: (301) 757-6944
- Email: Craig.Dorrans@navy.mil

### Funding

- Estimated $10M

### Current Contract/Original Developer/OEM (If Recompete)

- N/A

---

The information provided is for planning purposes and is subject to change without notice.
AH-1Z Flight Training Device Procurement
N61340-16-P1-PMA-276-0002

Description/Summary of Program Requirements

- Planned Procurement of two AH-1Z Flight Training Devices (FTDs):
  - Device 2F227-2 delivered to Marine Corps Air Station (MCAS) New River, NC (Q4FY18)
  - Device 2F227-3 delivered to McGuire, Dix Lakehurst (Q3FY19)
  - Announcement to industry: 04/2015
  - Request for Proposal release scheduled for 10/02/2015

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TSC III competitive (LOT is TBD)</td>
<td>• Base period plus any planned options</td>
<td>DEC 2015 4th Qtr FY16</td>
</tr>
<tr>
<td></td>
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<td>RFP Release</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
</table>
| Name: CAPT Craig Dorrans
Organization: PMA-205
Phone: (301) 757-6944
Email: Craig.Dorrans@navy.mil | • Estimated $37M | • N/A |

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- Implement Obsolescence Upgrade of the KC-130T Operational Flight Trainer OFT, Device 2F152
- Relocation from Joint Reserve Base (JRB) McGuire, Ft Dix, Lakehurst (MDL), New Jersey to JRB Fort Worth, TX
- Industry Day – OCT 2015

### Acquisition Strategy

- TSC III Competitive (LOT TBD)

### Period of Performance

- Base Period Estimated to be 24 – 30 months

### Milestones

- JAN 2016: RFP Release
- JUL 2016: Contract Award

### Point of Contact

Name: Brian Hicks  
Organization: NAWCTSD, PDA  
Phone: (407) 380-8085  
Email: brian.hicks@navy.mil

### Funding

- Estimated $10M

### Current Contract/Original Developer/OEM (if Recompete)

- Visual Upgrade conducted by J.F. Taylor, Inc. in 2001

---

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

Planned AV-8B Weapons Systems Trainer (WST) Technology Refresh includes Technology Upgrades and Operational Flight Program (OFP) Upgrade to the following training devices:

- WSTs 2F150F - 3, and 5, located at Marine Corps Air Station (MCAS) Yuma*
- WSTs 2F150F - 1, 2, and 4, located at MCAS Cherry Point, NC

* Decision to Upgrade Yuma Devices dependent on Yuma squadron sundown plan

---

**ACQUISITION STRATEGY**

- TSC III competitive (LOT is TBD)

**PERIOD OF PERFORMANCE**

- Base period plus any planned options

**MILESTONES**

- MAY 2016
  - RFP Release
- DEC 2016
  - Contract Award

**POINT OF CONTACT**

- Name: CAPT Craig Dorrans
- Organization: PMA-205
- Phone: (301) 757-6944
- Email: Craig.Dorrans@navy.mil

**FUNDING**

- Estimated $15M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- Last upgrade completed by Indra Systems, Inc.
- Current OFP upgrade Contract-Cymstar underway (Est Completion Date: Aug 2016)
**Description/Summary of Program Requirements**

- Implement Technology Refresh to one (1) CH-53E Flight Training Device (FTD) and one (1) CH-53E Aircrew Procedures Trainer (APT) to reduce obsolescence issues and incorporate aircraft Engineering Change Proposals (ECPs).
- Delivery Locations: CH-53E FTD: Marine Corps Air Station (MCAS) Kaneohe Bay, HI; CH-53E APT: MCAS Futenma, Okinawa.
- Initial RFI to Industry – TBD
- Industry Day – TBD

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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</thead>
<tbody>
<tr>
<td>TSC III competitive (LOT is TBD)</td>
<td>Base period FY17-19</td>
<td>OCT 2016</td>
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<td>RFP Release</td>
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<table>
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<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
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<td>Name: CAPT Craig Dorrans</td>
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<td>Organization: PMA-205</td>
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<tr>
<td>Phone: (301) 757-6944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:Craig.Dorrans@navy.mil">Craig.Dorrans@navy.mil</a></td>
<td></td>
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</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- Device 9E6 is used to train aviation personnel in proper pre-ejection aeromedical procedures, and to familiarize them with the sensations experienced during an actual ejection in order to promote confidence in emergency survival equipment. The device simulates all aeromedical aspects of the ejection process from the pre-ejection procedures through the powered ejection from the cockpit. The device is suited for use with a variety of ejection seat types.

### Acquisition Strategy

- **TSC III Lot II**

### Period of Performance

- 12 months

### Milestones

- **JUN 2015**
  - RFP Release
- **DEC 2015**
  - Contract Award

### Point of Contact

- **Name:** CAPT Craig Dorrans
- **Organization:** PMA-205
- **Phone:** (301) 757-6944
- **Email:** Craig.Dorrans@navy.mil

### Funding

- Estimated $2.8M

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- The Multi-Station Disorientation Device (MSDD), device 9B6, provides spatial disorientation awareness training for aircrew using Commercial Off The Shelf (COTS) software. The current MSDD is located in Naval Air Station (NAS) Pensacola, FL.
- Technology/Obsolescence upgrades to the current version of the software is being driven by expiration of support for the Microsoft XP operating system. Mitigation includes purchase of upgraded software and hardware, including a currently supported operating system.

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Period of Performance</th>
<th>Milestones</th>
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<td>4th Qtr FY16</td>
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<tr>
<td>Name: CAPT Craig Dorrans</td>
<td>Estimated $100K</td>
<td>American Airlines</td>
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<tr>
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</tr>
<tr>
<td>Phone: (301) 757-6944</td>
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</tr>
<tr>
<td>Email: <a href="mailto:Craig.Dorrans@navy.mil">Craig.Dorrans@navy.mil</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Shore Based Radar Air Traffic Control Training Systems (SATS) - N61340-15-P1-PMA-205-0048

Description/Summary of Program Requirements

- NAWCTSD currently conducting Front End Analysis (FEA) of the (3) SATS labs, Estimated Completion Date (ECD) is May 2015
- Delivery Location: Air Traffic Control “A” School, Naval Air Technical Training Center (NATTC) Pensacola FL.

ACQUISITION STRATEGY
- TSC III competitive Lot II

PERIOD OF PERFORMANCE
- 24 Months

MILESTONES
- DEC 2015
  - RFP Release
- JUN 2016
  - Contract Award

POINT OF CONTACT
Name: CAPT Craig Dorrans
Organization: PMA-205
Phone: (301) 757-6944
Email: Craig.Dorrans@navy.mil

FUNDING
- Estimated $3.2M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- Symvionics

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- The ATNAVICS Training Simulator program is designed to procure stand-alone portable training devices which replicate the Air Traffic Control functions of the AN/TPN-31 ATNAVICS to provide individual radar Air Traffic Control (ATC) training using voice recognition and/or pseudo-pilot capabilities along with the ability to create, edit and save training scenario’s.

- Delivery Location: 29 Palms, Marine Corp Air Station (MCAS) Yuma, MCAS Camp Pendleton, MCAS Miramar, MCAS Cherry Point, MCAS New River, MCAS Beaufort, MCAS 24 (4th MAW), MCAS Futenma, MCAS Iwakuni.

### Acquisition Strategy

- TBD

### Period of Performance

- 12 Months

### Milestones

- MAR 2016
- 4th Qtr FY16
- RFP Release
- Contract Award

### Point of Contact

- Name: CAPT Craig Dorrans
- Organization: PMA-205
- Phone: (301) 757-6944
- Email: Craig.Dorrans@navy.mil

### Funding

- Estimated $4.0M

### Current Contract/Original Developer/OEM (If Recompete)

- N/A
Normo-baric Hypoxia Trainer (NHT)

Description/Summary of Program Requirements

- Normo-baric Hypoxia Trainers (NHT) consists of a permanently mounted rectangular sealed (unpressurized) chamber with aircraft flight stations for simulated Emergency Checklist Procedures (ECPs) training for hypoxia emergency scenarios. System is same as current Jet Reduced Oxygen Breathing Device and is a good evolution step forward to multi-placed aircraft such P-3s, P-8s, C-130s, C-40, C-12s, E-2Cs, CODs.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TBD</td>
<td>• 12 months</td>
<td>MAR 2016</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4th Qtr FY16</td>
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<tr>
<td></td>
<td></td>
<td>RFP Release</td>
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<td></td>
<td></td>
<td>Contract Award</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: CAPT Craig Dorrans</td>
<td>• Estimated $2.4M</td>
<td></td>
</tr>
<tr>
<td>Organization: PMA-205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: (301) 757-6944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:Craig.Dorrans@navy.mil">Craig.Dorrans@navy.mil</a></td>
<td></td>
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</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
**Virtual Reality Parachute Descent Trainer**

**N61340-15-P7-131300G-0084**

**Description/Summary of Program Requirements**

- The Virtual Reality Parachute Descent Trainer (VRPDT) provides parachute descent training for aircrew using COTS software. There are 28 VRPDT devices located across eight (8) sites on the east and west coasts as well as Naval Air Station (NAS) Pensacola, FL.
- Technology/Obsolescence upgrades to the current version of the software is being driven by expiration of support for the Microsoft XP operating system. Mitigation includes purchase of upgraded software and hardware, including a currently supported operating system.

**ACQUISITION STRATEGY**

- TBD

**PERIOD OF PERFORMANCE**

- 12 Months

**MILESTONES**

- MAR 2016: RFP Release
- JUN 2016: Contract Award

**POINT OF CONTACT**

Name: CAPT Craig Dorrans  
Organization: PMA-205  
Phone: (301) 757-6944  
Email: Craig.Dorrans@navy.mil

**FUNDING**

- Estimated $650K

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- Systems Technology Inc

---

The information provided is for planning purposes and is subject to change without notice.
Integrated Training/Training Ranges
Description/Summary of Program Requirements

- The Tactical Combat Training System (TCTS) is designed to provide an improved environment for air combat training with objectives to provide rangeless air combat training with a secure air-to-air and air-to-ground data link. TCTS Inc II will provide encryption, an enhanced threat environment, platform interfaces and a Rack Mounted Subsystem (RS) capability with applications for F-35.

### Acquisition Strategy
- Full and Open Competition

### Period of Performance
- 48 Months
- Engineering Manufacturing and Development (EMD)
- 60 Months
- 2 Low Rate Initial Production (LRIP) Lots
- 3 Full Rate Production (FRP) Lots
- Interim Contractor Logistics Support (CLS)

### Milestones
- **JUL 2015**
  - RFP Release
- **JUL 2016**
  - Contract Award

### Point of Contact
- **Name:** CAPT Craig Dorrans
- **Organization:** PMA-205
- **Phone:** (301) 757-6944
- **Email:** Craig.Dorrans@navy.mil

### Funding
- **Estimated $280M**

### Current Contract/Original Developer/OEM (If Recompete)
- TCTS Inc I - Cubic

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- Fidelity Improvement program to the Common Acoustic Simulation Environment (CASE), which provides an underwater Anti-Submarine Warfare game-space where physics based modeling is used to represent targets, sensors, ocean environment and the propagation and reverberation of sound energy in sea water for the MH-60R, P-8A, and P-3C trainers.

<table>
<thead>
<tr>
<th>Acquisition Strategy</th>
<th>Period of Performance</th>
<th>Milestones</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Sole Source</td>
<td>• 30 Months</td>
<td>FEB 2016</td>
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<tr>
<td></td>
<td>• Production</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• 48 months</td>
<td>RFP Release</td>
</tr>
<tr>
<td></td>
<td>• CLS / Integration Support</td>
<td>Contract Award</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Point of Contact</th>
<th>Funding</th>
<th>Current Contract/Original Developer/OEM (If Recompete)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: CAPT Craig Dorrans</td>
<td>• $10 - 14M</td>
<td>• Advanced Acoustics Concepts (AAC)</td>
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<tr>
<td>Organization: PMA-205</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: (301) 757-6944</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:Craig.Dorrans@navy.mil">Craig.Dorrans@navy.mil</a></td>
<td></td>
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</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Maritime Department
Description/Summary of Program Requirements

- Design and develop a quantity of 3 Deployed Mission Readiness Trainer (DMRT) devices for 3 Foreign Operating Bases (FOB)

ACQUISITION STRATEGY
- Sole Source

PERIOD OF PERFORMANCE
- To be negotiated

MILESTONES
- OCT 2014
  - RFP Released
- SEP 2015
  - Contract Award

POINT OF CONTACT
- Name: Brian Hicks
- Organization: NAWCTSD PDA
- Phone: (407) 380-8085
- Email: Brian.Hicks@navy.mil

FUNDING
- FY14 and FY16 Aircraft Procurement funding

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- Boeing

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Block simulator upgrade (OFT, WTT, PTT, TSSC, Electronic Classrooms, and courseware) to increase fidelity, maintain hardware/software concurrency, and incorporate Engineering Changes Orders and deficiency corrections.

- Software and hardware releases (FY15)

ACQUISITION STRATEGY

- Sole source

PERIOD OF PERFORMANCE

- To be negotiated

MILESTONES

- NOV 2014
- RFP Released
- NOV 2015
- Contract Award

POINT OF CONTACT

Name: Brian Hicks
Organization: NAWCTSD PDA
Phone: (407) 380-8085
Email: Brian.Hicks@navy.mil

FUNDING

- FY15 Aircraft Procurement (APN) Funding

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Boeing
Description/Summary of Program Requirements

- MQ-8C Operator and Maintainer Courseware: Develop and deliver all operator and air vehicle maintainer end-state courseware

**ACQUISITION STRATEGY**
- TDPC competitive (F/A II, Lot II)

**PERIOD OF PERFORMANCE**
- 18-24 Months

**MILESTONES**
- JUN 2015: RFP Release
- OCT 2015: Contract Award

**POINT OF CONTACT**
- Name: Brian Hicks
- Organization: NAWCTSD PDA
- Phone: (407) 380-8085
- Email: Brian.Hicks@navy.mil

**FUNDING**
- $4M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- N/A
### MQ-8 Mission Control Station Courseware

**N61340-15-P1-131300G-0020**

#### Description/Summary of Program Requirements

- LCS based MQ-8 Mission Control Station (MCS) Maintenance Courseware: Develop and deliver MCS maintainer end-state courseware

#### Acquisition Strategy

- Strategy under review, pending FEA results and NAVSEA approval

#### Period of Performance

- 24 Months

#### Milestones

<table>
<thead>
<tr>
<th>SEP 2015</th>
<th>DEC 2015</th>
</tr>
</thead>
<tbody>
<tr>
<td>RFP Release</td>
<td>Contract Award</td>
</tr>
</tbody>
</table>

#### Point of Contact

- Name: Brian Hicks
- Organization: NAWCTSD PDA
- Phone: (407) 380-8085
- Email: Brian.Hicks@navy.mil

#### Funding

- $3M

#### Current Contract/Original Developer/OEM (If Recompete)

- N/A

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- Block upgrade to the Aircrew training devices (OFT, WTT, PTT, TSSC), Electronic Classrooms, and courseware (as required) to maintain hardware and software concurrency with the P-8A aircraft and incorporate aircraft-driven Engineering Changes Orders and correction of deficiencies
- Planned one Configuration Synchronization contract effort in each fiscal year from FY14 through FY17

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
</table>
| • Sole Source         | • TBD, pending the number and complexity of changes being introduced by the aircraft | OCT 2015  
RFP Release  
 Contract Award |

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
</table>
| Name: Brian Hicks  
Organization: NAWCTSD PDA  
Phone: (407) 380-8085  
Email: Brian.Hicks@navy.mil | • FY14-FY17 Aircraft Procurement (APN) Funding | • Boeing |

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Fabricate, test and field three (3) each MQ-8C Avionics Maintenance Trainer (AMT) and Combined Maintenance Trainers (CMTs). Trainers support maintenance training requirements for AE and AT (AMT) Fire Scout avionics technicians, and AD and AM (CMT) Fire Scout mechanical technicians.
- Procurement of second set of devices (one each) in FY17 under review by resource sponsors.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategy TBD, pending approval</td>
<td>• 24 Months</td>
<td>DEC 2015</td>
</tr>
<tr>
<td></td>
<td></td>
<td>RFP Release</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DEC 2015</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Contract Award</td>
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<tr>
<td></td>
<td></td>
<td>JUN 2016</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: <a href="mailto:Brian.Hicks@navy.mil">Brian.Hicks@navy.mil</a></td>
<td>• $15M</td>
<td>• N/A</td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Littoral Combat Ship (LCS) based Ground Control Station Training Device: develop, test and field one mission control station maintenance training device for ET and IT ship-board personnel

**ACQUISITION STRATEGY**
- Strategy under review, pending FEA results and NAVSEA approval

**PERIOD OF PERFORMANCE**
- 24 Months

**MILESTONES**
- MAR 2016
  - RFP Release
- JUN 2016
  - Contract Award

**POINT OF CONTACT**
- Name: Brian Hicks
- Organization: NAWCTSD PDA
- Phone: (407) 380-8085
- Email: Brian.Hicks@navy.mil

**FUNDING**
- $4.5M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- N/A

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- Technical Refresh of the Jacksonville Aircrew devices (10 OFTs, 8 WTTs, 3 PTTs, 1 TSSC, and Electronic Classrooms)

### Acquisition Strategy
- Sole Source

### Period of Performance
- To be negotiated

### Milestones
- **MAR 2016**
  - RFP Release
- **2nd Qtr FY17**
  - Contract Award

### Point of Contact
- Name: Brian Hicks
- Organization: NAWCTSD PDA
- Phone: (407) 380-8085
- Email: Brian.Hicks@navy.mil

### Funding
- FY17 Aircraft Procurement (APN) Funding

### Current Contract/Original Developer/OEM (If Recompete)
- Boeing

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- Block upgrade to the Aircrew training devices (OFT, WTT, PTT, TSSC), Electronic Classrooms, and courseware (as required) to maintain hardware and software concurrency with the P-8A aircraft and incorporate aircraft-driven Engineering Changes Orders and correction of deficiencies
- Planned one Configuration Synchronization contract effort in each fiscal year from FY14 through FY17

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
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<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Sole Source</td>
<td>• TBD, pending the number and complexity of changes being introduced by the aircraft</td>
<td>1st Qtr FY17</td>
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<tr>
<td></td>
<td></td>
<td>4th Qtr FY17</td>
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<td></td>
<td>RFP Release</td>
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<td></td>
<td>Contract Award</td>
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</tbody>
</table>

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<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Brian Hicks Organization: NAWCTSD PDA</td>
<td>• FY14-FY17 Aircraft Procurement (APN) Funding</td>
<td>• Boeing</td>
</tr>
<tr>
<td>Phone: (407) 380-8085 Email: <a href="mailto:Brian.Hicks@navy.mil">Brian.Hicks@navy.mil</a></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Cross-Warfare Mission Statement

• The Program Director for Cross-Warfare (PDX) is tasked to discover, demonstrate, transition, and transfer the best operational concepts, methods and technological solutions for transformational, Navy, Joint Service, and Coalition education and training.

• The Directorate accelerates cutting-edge capabilities to the warfighter by speeding the discovery, development, and delivery of technology for military training with an emphasis on capabilities that are innovative and transformational by:

  – Partnering
  – Seeking
  – Leveraging
  – Integrating
Disclaimer

• The information about to be presented affords industry partners insight into on-going and pending acquisitions.

• Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.
Description/Summary of Program Requirements

- Conduct Site Surveys, Installation and Integration (I&I), and Technical Refreshes of training equipment for the Navy Reserve Officer Training Corps (NROTC) units Mariner Skills Simulator (MSS) electronic classrooms located at various Universities throughout the United States.

**ACQUISITION STRATEGY**
- 8(a) Sole Source (SBA acceptance pending)
- Indefinite Delivery/Indefinite Quantity (ID/IQ)
- Firm Fixed Price (FFP) Delivery Orders

**PERIOD OF PERFORMANCE**
- 5 years

**MILESTONES**
- Jun 15 RFP Release
- Jul 15 Contract Award

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- N61339-10-D-0011
- Incumbent is AIW, Inc.
- OEM – Government Owned Software

**FUNDING**
- Total funding estimated at $5M (O&M,N)

**POINT OF CONTACT**
- Name: Mr. Mike Merritt
- Organization: NAWCTSD Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Government-owned & managed system used by the Navy to design, develop, update, manage, and integrate training content

- Software engineering, analysis, content development, logistics, life cycle, and management support services

### ACQUISITION STRATEGY
- Open Market (SBSA)
- Firm Fixed Price

### PERIOD OF PERFORMANCE
- 1 year plus 4 option years

### MILESTONES
- Dec 15
  - RFP Release
- Jun 16
  - Contract Award

### POINT OF CONTACT
Name: Mr. Mike Merritt  
Organization: NAWCTSD  
Cross-Warfare Programs  
Phone: 407-380-4595  
Email: mike.merritt@navy.mil

### FUNDING
- Contract value of up to $4.5M (initial procurement and options)

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- Current vehicle is 5 years
- Incumbent is AIMEREON INC
- OEM – Government Owned Software

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of F/A-18, E/A-18, EP-3, E-6 Fleet Readiness Squadron (FRS), and Weapons Schools, Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Oceana, VA., NAS Lemoore, CA., NAS Whidbey Island, WA., and Tinker Air Force Base (AFB), OK.

### ACQUISITION STRATEGY
- TDPC Competitive (F/A III, Lot II)

### PERIOD OF PERFORMANCE
- 3 years

### MILESTONES
- Feb 15: RFP Released
- Nov 16: Contract Award

### POINT OF CONTACT
- Name: Mr. Mike Merritt
- Organization: NAWCTSD Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

### FUNDING
- Estimated $15M
- OM&N funded

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- Carley Corp
Description/Summary of Program Requirements


ACQUISITION STRATEGY

- TDPC Competitive (F/A III, Lot II)

PERIOD OF PERFORMANCE

- 4 years

MILESTONES

- Sep 15
- RFP Release
- Apr 16
- Contract Award

POINT OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

- Estimated $10M
- OM&N funded

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- TIE Today

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements


### Acquisition Strategy
- TDPC Competitive (F/A III, Lot II)

### Period of Performance
- 5 years

### Milestones
- **Jun 16**
  - RFP Release
- **2nd Qtr FY17**
  - Contract Award

### Point of Contact
- **Name:** Mr. Mike Merritt  
  **Organization:** NAWCTSD Cross-Warfare Programs  
  **Phone:** 407-380-4595  
  **Email:** mike.merritt@navy.mil

### Funding
- **Estimated $15M**  
  - OM&N funded

### Current Contract/Original Developer/OEM (If Recompete)
- **CTI**

---

The information provided is for planning purposes and is subject to change without notice.
### Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of E 2/C 2 Fleet Readiness Squadron (FRS), Landing Signal Officer (LSO) School, Composite Fighter Squadron Twelve (VFC 12) Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Oceana, VA., and Naval Station (NS) Norfolk, VA.

### ACQUISITION STRATEGY
- TDPC Competitive (F/A III, Lot II)

### PERIOD OF PERFORMANCE
- 4 years

### MILESTONES
- Sep 16
  - RFP Release
- Mar FY17
  - Contract Award

### POINT OF CONTACT
- Name: Mr. Mike Merritt
- Organization: NAWCTSD Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

### FUNDING
- Estimated $5M
- OM&N funded

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- SSE

The information provided is for planning purposes and is subject to change without notice.
## Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of P-3/P-8/MQ-4C Fleet Readiness Squadron (FRS), Weapons Tactics Unit (WTU) and Weapons School Pilot and Aircrew Training System courseware, located at Naval Air Station (NAS) Jacksonville, FL.

### Acquisition Strategy
- TDPC Competitive (F/A III, Lot II)

### Period of Performance
- 5 years

### Milestones
- 3rd Qtr FY17: RFP Release
- 2nd Qtr FY18: Contract Award

### Point of Contact
- Name: Mr. Mike Merritt
- Organization: NAWCTSD Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

### Funding
- Estimated $10M
- OM&N funded

### Current Contract/Original Developer/OEM (if Recompete)
- SSE

The information provided is for planning purposes and is subject to change without notice.
Fielded Training Systems Support (FTSS IV) MAC
N61340-16-P1-136300G-0006

Description/Summary of Program Requirements

- Multiple Award Contract to cover recurring FTSS sustainment requirements:
  - Scope: Primarily Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS).
  - Ancillary FTSS services include but are not limited to; Training Device Relocations, Training Systems Management, minor modification support, and in-service engineering support.
  - Supports aviation and non-aviation customers
  - Draft RFP issued Dec 2014, Final RFP 4 Jun 2015, 60 day proposal prep time

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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</thead>
<tbody>
<tr>
<td>Follow-on to FTSS III, Competitive</td>
<td>5-year ordering period with 3 one-year options</td>
<td>Jun 15</td>
</tr>
<tr>
<td>Two Lots: Lot 1 Unrestricted and Lot 2 Partial Small Business Set-Aside</td>
<td>Issue 60 month Task Orders</td>
<td>May 16</td>
</tr>
<tr>
<td>PSC: J069, Maint, Repair of Equipment (Training Aids &amp; Devices)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>NAICS: 541330 (Military Exception, size standard of $35.5M)</td>
<td>RFP Released</td>
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<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Mr. Mike Merritt</td>
<td>Estimated ceiling $1.75 B</td>
<td>FTSS III</td>
</tr>
<tr>
<td>Organization: NAWCTSD Cross-Warfare Programs</td>
<td></td>
<td>Unrestricted MAC: eight contractors</td>
</tr>
<tr>
<td>Phone: 407-380-4595</td>
<td></td>
<td>Small Business Set -Aside MAC: five contractors</td>
</tr>
<tr>
<td>Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
<td></td>
<td></td>
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</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (Airlant), Commander, Naval Air Forces Pacific (Airpacific), and Center for Naval Air Technical Training (CNATT) to support training devices and requirements for F/A-18 at NAS Oceana, VA, MCAS Beaufort, SC, MCAS Miramar, CA, NAS Lemoore, CA, and EA-18G at NAS Whidbey Island, WA.
- Contractor Instructional Services (CIS) for EA-18G at NAS Whidbey Island, WA and F/A-18 at NAS Lemoore, CA and MCAS Miramar, CA.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
</table>
| • FTSS IV competitive Lot I | • 4.75 years | Jun 15
| | | RFP Released |
| | | May 16
| | | Contract Award |

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Mr. Mike Merritt</td>
<td>• Estimated $80-90M</td>
<td>• L-3 Link Simulation and Training</td>
</tr>
<tr>
<td>Organization: NAWCTSD</td>
<td></td>
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<tr>
<td>Cross-Warfare Programs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: 407-380-4595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
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</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of the Marine Corps to support one C-9B training device in Denver, CO.

<table>
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<tr>
<th>ACQUISITION STRATEGY</th>
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<tbody>
<tr>
<td>FTSS IV competitive Lot II</td>
<td>• 5 years</td>
<td>Jun 15</td>
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<td></td>
<td></td>
<td>May 16</td>
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<td></td>
<td></td>
<td>Contract Award</td>
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<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
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<tbody>
<tr>
<td>Name: Mr. Mike Merritt</td>
<td>• Estimated $7.5 - $8.5M</td>
</tr>
<tr>
<td>Organization: NAWCTSD</td>
<td>Cross-Warfare Programs</td>
</tr>
<tr>
<td>Phone: 407-380-4595</td>
<td>Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
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</table>

<table>
<thead>
<tr>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
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<tbody>
<tr>
<td>• FTSS Joint Venture</td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS), Contractor Instructional Services (CIS), and Training Systems Management (TSM) on behalf of Commander Naval Air Forces Atlantic (Airlant), Commander Naval Air Forces Pacific (Airlpac), and Center for Naval Aviation Technical Training (CNATT) to support Marine Corps devices and requirements at MCAS Cherry Point, New River, MCAS Miramar, Camp Pendleton, Kaneohe Bay, Hawaii, and MCAS Yuma.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
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<tr>
<td>• FTSS III competitive Lot I</td>
<td>• 4.5 years</td>
<td>Dec 15 RFP Release</td>
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<th>POINT OF CONTACT</th>
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<tbody>
<tr>
<td>Name: Mr. Mike Merritt</td>
<td>• Estimated $90-100M</td>
<td>• Cubic</td>
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<tr>
<td>Organization: NAWCTSD Cross-Warfare Programs</td>
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</tr>
<tr>
<td>Phone: 407-380-4595</td>
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</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (AIRLANT) to support training devices and requirements at Naval Station Norfolk, VA, NAS Jacksonville, FL, NS Mayport, FL, NAS Oceana, VA.
- Support may include: E-2C/D, MH-53E, H-60, F/A-18, P-3C

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</tr>
</tbody>
</table>

**POINT OF CONTACT**

Name: Mr. Mike Merritt  
Organization: NAWCTSD  
Cross-Warfare Programs  
Phone: 407-380-4595  
Email: mike.merritt@navy.mil

**FUNDING**

- Estimated $70-80M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- Computer Sciences Corporation (CSC)
Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) to be performed in support of Chief of Naval Air Training (CNATRA) simulators and other training devices. These devices are on site in government facilities at the following locations: NAS Meridian, MS – Training Air Wing ONE, NAS Kingsville, TX – Training Air Wing TWO, NAS Corpus Christi, TX – Training Air Wing FOUR, NAS Whiting Field, Milton, FL – Training Air Wing FIVE, and NAS Pensacola, FL – Training Air Wing SIX.

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<tbody>
<tr>
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<td>1st Qtr FY17</td>
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<tr>
<td>Name: Mr. Mike Merritt</td>
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<td>• Fidelity Technologies</td>
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The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (AIRLANT), Commander, Naval Air Forces Pacific (AIRPAC), and Center for Naval Air Technical Training (CNATT) to support P-3C, EP-3E and P-8A training devices and requirements at NAS Jacksonville, FL, NAS Whidbey Island, WA, and Marine Corps Base Hawaii, Kaneohe, Hawaii.

ACQUISITION STRATEGY

- FTSS IV Competitive Lot I

PERIOD OF PERFORMANCE

- 5 years

MILESTONES

- 2nd Qtr FY17
  - RFP Release
- 4th Qtr FY17
  - Contract Award

POINT OF CONTACT

- Name: Mr. Mike Merritt
- Organization: NAWCTSD
- Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

FUNDING

- Estimated $80-100M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Boeing
Description/Summary of Program Requirements

• The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy’s C-20 A/D (a Navy configured Gulfstream III) aircraft pilot training. This contract supports training for the Commander Naval Air Reserve Force (CNARF).

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<tr>
<td>Name: Mr. Mike Merritt</td>
<td>• Estimated $2M</td>
<td>• Flight Safety International</td>
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<tr>
<td>Organization: NAWCTSD</td>
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<tr>
<td>Cross-Warfare Programs</td>
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</tbody>
</table>
Command Aircraft Crew Training (CACT) C-26D  
N61340-15-P1-136300G-0018

Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy’s C-26D (MetroLiner SA227) aircraft pilot training. This contract supports training for the Commander Naval Air Forces Atlantic (AIRLANT) and the Commander Naval Air Forces Pacific (AIRPAC).

<table>
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<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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</thead>
</table>
| Open Market Sole Source (J&A approved) | 5 years | Jan 15  
RFP Released  
Aug 15  
Contract Award |

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<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
</table>
| Name: Mr. Mike Merritt  
Organization: NAWCTSD  
Cross-Warfare Programs  
Phone: 407-380-4595  
Email: mike.merritt@navy.mil | Estimated $3M | Flight Safety International |

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy’s C-40A (a Navy configured Boeing 737-700C Increased Gross Weight (IGW) aircraft) pilot training. This contract supports training for the Commander Naval Air Reserve Force (CNARF).

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<tr>
<th>ACQUISITION STRATEGY</th>
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<td>2nd Qtr FY17 Contract Award</td>
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<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
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<tbody>
<tr>
<td>Name: Mr. Mike Merritt</td>
<td>Estimated $4M</td>
<td>Flight Training International</td>
</tr>
<tr>
<td>Organization: NAWCTSD</td>
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<td>Cross-Warfare Programs</td>
</tr>
<tr>
<td>Phone: 407-380-4595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
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</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

• The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy’s C-40A (a Navy configured Boeing 737-700C Increased Gross Weight [IGW] aircraft) maintenance training. This contract supports training for the Commander Naval Air Reserve Force (CNARF).

**ACQUISITION STRATEGY**

- Open Market (unrestricted)

**PERIOD OF PERFORMANCE**

- 5 years

**MILESTONES**

- Jun 15
  - RFP Release
- Jan 16
  - Contract Award

**POINT OF CONTACT**

Name: Mr. Mike Merritt
Organizations: NAWCTSD
Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

**FUNDING**

- Estimated at $4.9M total

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- Delta Air Lines, Inc.
Description/Summary of Program Requirements

• The contractor shall provide all labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy’s UC-35 (Cessna 500/550) aircraft pilot training. This contract supports training for the Commanders, 4th Marine Corps Air Wing (4th MAW), Marine Corps Installation East (MCIEAST), Marine Corps Air Station Miramar (MIRAMAR) and Marine Corps Air Station Futenma (FUTENMA).

ACQUISITION STRATEGY

• Open Market Sole source (J&A Approved)

PERIOD OF PERFORMANCE

• 5 years

MILESTONES

Jun 15
   RFP Release

Sep 15
   Contract Award

POINT OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD
Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

• Estimated $12.2M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

• Flight Safety International

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

• Continue research and development of the intelligent tutor concepts as it applies to Navy Information Technology training system for inclusion as one component in the Center for Information Dominance (CID) Navy Information System Technician (IT) Accession Level Pipeline Training.

• Utilizing the applied research/framework/demonstration delivered in ITADS-I, complete the engineering/manufacturing/development and deliver a prototype Intelligent Tutor course of instruction based on the Navy Information System Technician (IT) curriculum.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
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<tbody>
<tr>
<td>• Broad Agency Announcement (BAA)</td>
<td>• 3 years (TBD)</td>
<td>• Jun 15 RFP Released • Sep 15 Contract Award</td>
<td>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
<td>• Funding TBD</td>
<td>Telecommunications Systems, Incorporated (TCS)</td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
NAWCTSD requires Contractor Support Services (CSS) for In-Service Engineering Office Support. The CSS requirements are for temporary augmentation of the NAWCTSD work force. Includes ISD and Materials Procurement.

**ACQUISITION STRATEGY**
- Open Competition
- CPFF contract

**PERIOD OF PERFORMANCE**
- 5 years

**MILESTONES**
- Sep 2015
  - RFP Release
- Jun 16
  - Contract Award

**POINT OF CONTACT**
- Name: Mr. Mike Merritt
- Organization: NAWCTSD Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

**FUNDING**
- Est $75M. (O&M, RDTE, PROC)

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- N00178-10-D-6407
- Zenetex
# Description/Summary of Program Requirements

TH-57 Aircrew Training Systems (ATS) Services Contract on behalf of the Chief of Naval Air Training to deliver and support TH-57B/C training devices and to provide Contract Instructional Services for Training Wing FIVE at NAS Whiting Field, FL.

## Acquisition Strategy
- TBD

## Period of Performance
- 7 years total with severable one-year options

## Milestones
- **Mar 16**: RFP Release
- **4th Qtr FY16**: Contract Award

## Point of Contact
Name: Mr. Mike Merritt  
Organization: NAWCTSD  
Cross-Warfare  
Phone: 407-380-4595  
Email: Mike.Merritt@navy.mil

## Funding
- O&MN funded

## Current Contract/Original Developer/OEM (If Recompete)
- N/A
Description/Summary of Program Requirements

• Logistics and technical support services for all current and future customers and weapons systems supported by AIR 6.7 (Jacksonville, FL) in the areas of planning, analysis, development, training, support equipment management, and facilities. Potential customers and weapon systems include, but are not limited to: Customers - AIR 6.0 Competency and Business Unit, PEO(A), PEO(T), PEO(U&W), PEO(JSF), and AIR 1.0; Weapon systems currently include but are not limited to P-3, EA-6B, E-6, T-45, T-6, T-44, JSF, F-18, J52, F404, F414, TF-34, and J-85.

ACQUISITION STRATEGY
• Open Market (SBSA)
• Indefinite Delivery/Indefinite Quantity (ID/IQ)
• Cost Plus Fixed Price (CPFF) Task Orders

PERIOD OF PERFORMANCE
• 5 years

MILESTONES
Jun 15
RFP Release
3rd Qtr FY16
Contract Award

POINT OF CONTACT
Name: Mr. Mike Merritt
Organization: NAWCTSD Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING
• Total funding estimated at $49.9M
  • O&M
  • AP 5, 7
  • Working Capital Funds

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
• N61340-11-D-1010
• Incumbent is Andromeda Systems Inc.

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Engineering services in support of weapon systems supported by the AIR-4.0 Competencies at Cherry Point, North Carolina. This includes the AV-8, C-130, H-1, H-46, H-53, H-60, V-22, Foreign Military Sales (FMS) and the various engines, components and support systems associated with these and other future assigned weapon systems. Services will be required to support the full range of engineering disciplines required to maintain these weapon systems. Tasks are generated from a variety of sources for the Research & Engineering Group at Cherry Point including the Fleet, FRC East, various Program Managers Aircraft (PMA) located at Naval Air Systems Command (NAVAIR). In-service engineering support functions that will include but are not limited to the following: on-site technical assistance for aircraft, engines and support systems, and development of engineering data for various documents including all types of Technical Directives (Bulletins, Changes, etc.), Technical Manuals, Drawings, and Engineering Investigations.

**ACQUISITION STRATEGY**
- Open Market (SBSA)
- Indefinite Delivery/Indefinite Quantity (ID/IQ)
- Cost Plus Fixed Price (CPFF) Task Orders

**PERIOD OF PERFORMANCE**
- 5 years

**MILESTONES**
- Jun 15: RFP Release
- Jun 16: Contract Award

**POINT OF CONTACT**
- Name: Mr. Mike Merritt
- Organization: NAWCTSD Cross-Warfare Programs
- Phone: 407-380-4595
- Email: mike.merritt@navy.mil

**FUNDING**
- Total funding estimated at $49.9M
  - O&M (include Air Force)
  - FMS
  - RDT&E
  - AP (includes Air Force) 1, 2, 3, 4, 5, 7
  - Working Capital Funds

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- N61340-15-D-0002
- Incumbent is LTM, Inc.

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

Maintenance Support Services (MSS) for the Fleet Readiness Center Mid-Atlantic at Patuxent River (FRCMA-PAX), Maryland. FRCMA-PAX provides direct support primarily to squadrons/activities assigned to Naval Test Wing Atlantic and Naval Air Station Patuxent River (NAS PAX RIVER) and other activities (e.g., Foreign Military, other DOD branches, etc.). Under this contract, the Contractor is required to possess working and demonstrative organizational level knowledge and expertise to seamlessly dovetail/integrate qualified personnel into an existing and functioning – CNAFINST 4790.2 (series) governed - Navy test, restoration rebuild, maintenance, and repair organization (FRCMA-PAX). The Contractor is required to perform as a functional part of the FRCMA-PAX maintenance organization/team in support of the FRCMA-PAX maintenance requirements and priorities to meet the Navy’s maintenance support mission. The Contractor is required to provide maintenance support expertise and subject-matter-experts to ensure uninterrupted support in specified Level II, and limited Level III aircraft maintenance and administrative support on aircraft components, engines, and Support Equipment.

ACQUISITION STRATEGY

- 8a Competitive
- Indefinite Delivery/Indefinite Quantity (ID/IQ)
- Firm Fixed Price (FFP)

PERIOD OF PERFORMANCE

- Base w/four option years

MILESTONES

- Sep 15 - RFP Release
- 4th Qtr FY16 - Contract Award

POINTE OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

- Total funding estimated at $33M
  - NWCF

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- N61340-12-C-0008
- Incumbent Tyonek Worldwide Services Inc.

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

Maintenance engineering, technical support Services and life cycle support be provided in the form of Beyond Capable Maintenance Interdiction (BCMI) Engineers (also known as Sr. Technical Support Engineers) to the Fleet Readiness Center Mid-Atlantic (FRCMA) in support of the maintenance requirements of, but not limited to, the E-2C/ E-2D / C-2A Propulsion and Avionics systems.

Forward sited logistics support services be provided to FRCMA located at Norfolk, VA in the form of a contractor Supply Support Representative (SSR), Logistical support of the maintenance requirements of, but not limited to, the E2/C2 Airframe, Avionics systems, and support equipment.

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<tr>
<td>• Indefinite Delivery/Indefinite Quantity (ID/IQ)</td>
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</tbody>
</table>

POINT OF CONTACT

Name: Mr. Mike Merritt
Organization: NAWCTSD Cross-Warfare Programs
Phone: 407-380-4595
Email: mike.merritt@navy.mil

FUNDING

• Total funding estimated at $3M
  • OM&N

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

• N61340-13-C-0009
• Incumbent Northrop Grumman Technical Services Inc.

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

Maintenance engineering, technical support Services and life cycle support be provided in the form of Beyond Capable Maintenance Interdiction (BCMI) Engineers (also known as Sr. Technical Support Engineers) to Naval Base Ventura County (NBVC) located at Point Mugu, CA in support of the maintenance requirements of, but not limited to, the E-2C/ E-2D / C-2A Propulsion and Avionics systems.

Forward sited logistics support services be provided to FRCSW at North island, CA in the form of a contractor Supply Support Representative (SSR), Logistical support of the maintenance requirements of, but not limited to, the E2/C2 Airframe, Avionics systems, and support equipment.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Small Business Set Aside Competitive</td>
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<tr>
<td>• Indefinite Delivery/Indefinite Quantity (ID/IQ)</td>
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<tr>
<td>• Firm Fixed Price (FFP)</td>
<td>• Base w/four option years</td>
<td>Dec 16</td>
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<tr>
<td></td>
<td></td>
<td>RFP Release</td>
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<td>4th Qtr FY17</td>
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<td></td>
<td></td>
<td>Contract Award</td>
</tr>
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</table>

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<thead>
<tr>
<th>POINT OF CONTACT</th>
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</thead>
<tbody>
<tr>
<td>Name: Mr. Mike Merritt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Organization: NAWCTSD Cross-Warfare Programs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: 407-380-4595</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:mike.merritt@navy.mil">mike.merritt@navy.mil</a></td>
<td>• Total funding estimated at $3M</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• OM&amp;N</td>
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<td></td>
<td></td>
<td>• N61340-13-C-0008</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Incumbent Northrop Grumman Technical Services Inc.</td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Paul Honold
Director, Surface & Undersea Programs
Disclaimer

• The information about to be presented affords industry partners insight into on-going and pending acquisitions.

• Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.
## Description/Summary of Program Requirements

- Provide new and updated software & hardware for Submarine Skills Network (SSNet) and Virtual Interactive Shipboard Instructional Tour (VISIT), and related research tasks
- SSNet supports trainers at Submarine Learning Center (SLC) Fleet Training Sites, including Mini-Submarine Piloting and Navigation trainers and Voyage Management System (VMS) Labs
- SSNet is part of the Submarine On Board Training Program
- Contract will be available for all users of SUBSKILLSNET products, including MARINER SKILLSNET

### ACQUISITION STRATEGY
- Open market (SBSA)
- Single Award ID/IQ

### PERIOD OF PERFORMANCE
- 5 year ordering period
- Individual Delivery Orders will specify Period of Performance based on the requirement

### MILESTONES
- **2ND Qtr FY17**: RFP Release
- **4TH Qtr FY17**: Contract Award

### POINT OF CONTACT
- **Name**: Mr. Paul Honold
- **Organization**: NAWCTSD, PDS&U
- **Phone**: 407-380-4160
- **Email**: paul.honold@navy.mil

### FUNDING
- **Type**: Various depending on task & sponsor
- **Projected up to $13.5M total over 5 year period**

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- **N61340-12-D-0007**
- Incumbent – Technical Support Services
**Description/Summary of Program Requirements**

- Provide new and updated software and hardware for legacy Multipurpose Reconfigurable Training System (MRTS) and MRTS 3D™ family of trainers
- Support trainers at all SLC training sites. Trainers include: VIRGINIA Torpedo Room, VIRGINIA Emergency Diesel Generator, Weapons Launch Console Team Trainer, Submarine Communications Support System, and BLQ-10 Maintenance Trainer
- Future work includes: Mobile Electric Power Plant; Electromagnetic Aircraft Launch System; Advanced Arresting Gear; Integrated Low Pressure Electrolyzer; LOS ANGELES, SEAWOLF, and OHIO Torpedo Rooms; BLQ-10 Trainer variants; and more
- Multipurpose Reconfigurable Training System 3D and MRTS 3D are trademarks of the U.S. Navy

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Delivery Orders, MRTS ID/IQ (Pro-Active)</td>
<td>5 year ordering period</td>
<td>Multiple</td>
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<td>Contract Award</td>
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<tr>
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<td>Type: Various depending on task &amp; sponsor</td>
<td>N61340-14-R-2401</td>
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<tr>
<td>Organization: NAWCTSD, PDS&amp;U</td>
<td>• Projected up to $45M</td>
<td>Pro-Active Technologies, Inc</td>
</tr>
<tr>
<td>Phone: 407-380-4160</td>
<td>Email: <a href="mailto:paul.honold@navy.mil">paul.honold@navy.mil</a></td>
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</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- Provide Next Generation Fire Fighting Trainers (FFTs) at Submarine Learning Center fleet training sites.
- Replacement FFTs are included in the budget submission.
- Analysis of requirements and trainer options for Next Generation FFT completed and option decision is in process. Expectation is that new trainer’s design will be based on commercial standards for live fire trainers similar to those employed by municipal fire departments.

---

### ACQUISITION STRATEGY

- Open market (unrestricted)
- Priced options for each trainer (strategy pending approval)

### PERIOD OF PERFORMANCE

- To be determined

### MILESTONES

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Quarter FY16</th>
<th>Quarter FY17</th>
</tr>
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<tr>
<td>RFP Release</td>
<td>4TH</td>
<td>2ND</td>
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<tr>
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</table>

### POINT OF CONTACT

Name: Mr. Paul Honold  
Organization: NAWCTSD, PDS&U  
Phone: 407-380-4160  
Email: paul.honold@navy.mil

### FUNDING

- Type: To be determined  
- Estimated total value, $25M for 7 systems over a 5-year period

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Kidde Corp
Description/Summary of Program Requirements

- Provide Contractor Maintenance Services (CMS) (FY18 through FY23) for NAWCTSD fielded trainers at the following Submarine Learning Center (SLC) Fleet Training Sites: Naval Submarine School, Groton, CT; Submarine Learning Facility (SLF), Norfolk, VA; Naval Submarine Training Center Pacific, Pearl Harbor, HI; Submarine Learning Center Detachment, San Diego, CA; Trident Training Facility (TTF) Bangor, WA; TTF Kings Bay, GA.

### ACQUISITION STRATEGY
- FTSS III competitive (Lot 1)
- CPFF

### PERIOD OF PERFORMANCE
- One month mobilization
- One Base Period – 11 Months
- Four One Year Options – 48 Months

### MILESTONES
- 4TH Qtr FY16
  - RFP Release
- 1ST Qtr FY17
  - Contract Award

### POINT OF CONTACT
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

### FUNDING
- Type: O&MN
- Base Year Estimate: $4.4M

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- N61340-11-D-1005-0002
- Incumbent - Fidelity Technologies Corp

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, AEGIS Ashore Assured Command, Control, Communications, Computers and Intelligence (A3C4I) - Maintenance Training Upgrade, to support AEGIS Ashore Missile Defense System (AAMDS), A3C4I maintenance personnel training. A3C4I is a subsystem of the AEGIS Ashore Team Trainer (AATT), Device 20F27.

<table>
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<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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<tr>
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<td>Mar 16</td>
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<td></td>
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<td>RFP Release</td>
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<td></td>
<td></td>
<td>Jun16</td>
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<th>FUNDING</th>
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<tr>
<td>Name: Mr. Paul Honold</td>
<td>$2M FY16 (estimate)</td>
<td>Northrop Grumman Information Systems</td>
</tr>
<tr>
<td>Organization: NAWCTSD, PDS&amp;U</td>
<td>Funding dependent on out year budget stability</td>
<td></td>
</tr>
<tr>
<td>Phone: 407-380-4160</td>
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</tr>
<tr>
<td>Email: <a href="mailto:paul.honold@navy.mil">paul.honold@navy.mil</a></td>
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</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Tech refresh of training system hardware at supported sites, develop software updates based on existing change requests and deployed tactical systems; update Instructor Led Training (ILT) materials; implement Information Assurance (IA) requirements; test and deploy new software baseline.


ACQUISITION STRATEGY
- Delivery Order, PORTS ID/IQ (NGIS)

PERIOD OF PERFORMANCE
- 18-24 months (estimated)

MILESTONES
- May 15: RFP Released
- Jul 15: Contract Award

POINT OF CONTACT
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

FUNDING
- $2M (estimated)
- Funding dependent on out year budget stability

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- Northrop Grumman Information Systems
# Description/Summary of Program Requirements

- Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQC) for award of multiple Delivery Orders through the period of performance for the support of the PC-based Open-architecture for Reconfigurable Training Systems (PORTS) based Surface Warfare trainers. This will be the follow-on contract vehicle to replace the existing PORTS ID/IQC with an ordering period ending September 2016.
- Scope will include simulation software development and modification, related instructional content development, hardware technical refresh, configuration management, Learning Management System integration, performance monitoring and evaluation, intelligent tutoring, and other actions as specified.

### Acquisition Strategy
- Open Market (unrestricted)

### Period of Performance
- FY17-FY22

### Milestones
- Mar 16: RFP Release
- 1st Qtr FY 17: Contract Award

### Point of Contact
Name: Mr. Paul Honold  
Organization: NAWCTSD, PDS&U  
Phone: 407-380-4160  
Email: paul.honold@navy.mil

### Funding
- $50M ceiling estimated
- Funding dependent on out-year budget stability

### Current Contract/Original Developer/OEM (If Recompete)
- N61340-11-D-0005
- Northrop Grumman Information Systems

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- A contract to design, develop and deliver Full Mission Bridge (FMB) trainer for the DDG-1000 Zumwalt Class was awarded in July 2014 with a projected delivery in September 2015. The FMB will be located in BLDG 3292 in San Diego.
- Phase II will focus on providing enhanced DDG-1000 bridge consoles functionality and DDG-1000 ship modeling to the Phase 1 Initial Operating Capability (IOC) training system and additional training capabilities.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TSC III competitive (Lot is TBD)</td>
<td>• 36 months (Apr16-Mar19)</td>
<td>Nov 15 RFP Release Apr 16 Contract Award</td>
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</table>

<table>
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<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Mr. Paul Honold Organization: NAWCTSD, PDS&amp;U Phone: 407-380-4160 Email: <a href="mailto:paul.honold@navy.mil">paul.honold@navy.mil</a></td>
<td>• $2.25M • Funding dependent on out year budget stability</td>
<td>• Thales Defense and Security (Phase I)</td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- New effort for the support of Naval Facilities Command (NAVFAC) Asset Management Division curriculum modernization.
- Funding across the FYDP to invest in curriculum "modernization", mainly focused on improving NAVFAC’s training program in the areas of facility planning and real property inventory reporting.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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</thead>
</table>
| • 8(a) sole source (SBA accepted) H2 IT Solutions  
• ID/IQ Contract | • 5 year ordering period | Jul 15  
RFP Release  
Sep 15  
Contract Award |

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
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</tr>
</thead>
</table>
| Name: Mr. Paul Honold  
Organization: NAWCTSD, PDS&U  
Phone: 407-380-4160  
Email: paul.honold@navy.mil | • $4.0M ceiling estimated  
• Funding dependent on out-year budget stability | • N/A |

The information provided is for planning purposes and is subject to change without notice.
NSS Contractor Instructor Services
N61340-16-P1-136100G-0006

Description/Summary of Program Requirements

- Performance-based contract to provide Navigation Seamanship and Shiphandling (NSS) Contract Instruction Services (CIS) for various surface and expeditionary warfare training systems within the Surface Warfare Enterprise. This “re-compete” will address the combined requirements of Surface Warfare Officers School Command, and fleet Type Commander NSS training requirements in all major fleet concentration areas. Total of 10 sites, including 4 overseas.

**ACQUISITION STRATEGY**
- FTSS III competitive Lot I

**PERIOD OF PERFORMANCE**
- Base year with 4 option years

**MILESTONES**
- Mar 16: RFP Release
- July 16: Contract Award

**POINT OF CONTACT**
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

**FUNDING**
- $3.2M base year base year estimate, ~$15M, 5 year cumulative
- Funding dependent on out year budget stability

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**
- LB&B Associates
## Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver Device 19E51, a DDG-51 and LHD-8 Machinery Control System Virtual Maintenance Trainer (MCSMT) to be located at the Surface Warfare Officers Schools Command Unit (SWOSCOLCOM) Learning Site Great Lakes, Illinois (IL).

### Acquisition Strategy
- Delivery Order, LVCMS ID/IQ (Alion)

### Period of Performance
- 24 months (estimated)

### Milestones
- June 11: RFP Released
- 31 July 15: Contract Award

### Point of Contact
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

### Funding
- $5M FY15 (estimated)
- $7M Total

### Current Contract/Original Developer/OEM (If Recompete)
- Alion Science and Technology Corporation

---

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Upgrade the existing 19G4A MCS software baseline to incorporate DDG-51 HED-EPS functionality. Field S/W application to Device 19G4A Trainers located at the Surface Warfare Officers Schools Command Unit (SWOSCOLCOM) Learning Sites: Great Lakes, Illinois (IL), Norfolk, Virginia (VA), and San Diego, California (CA).

### Acquisition Strategy
- Delivery Order, LVCMS ID/IQ (Alion)

### Period of Performance
- 18-20 months (estimated)

### Milestones
- Sep 15: RFP Release
- Nov 15: Contract Award

### Point of Contact
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

### Funding
- $1.2M (estimated)

### Current Contract/Original Developer/OEM (If Recompete)
- Alion Science and Technology Corporation

The information provided is for planning purposes and is subject to change without notice.
# Description/Summary of Program Requirements

- This modification will provide a transition of the Government unique PC-based (Ada Software) control systems used in Navy Surface Fire Fighting Trainers to the new industry standard in providing discrete-logic-based control. The transition shall include conversion of the existing software written in Ada to new software.

## Acquisition Strategy
- TSC III Competitive Lot II

## Period of Performance
- Base Period: Nov 2016 delivery
- 4 Option Periods which can extend delivery through 2020 if exercised

## Milestones
- July 2015: RFP Update Release
- Sept 2015: Contract Award

## Point of Contact
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

## Funding
- $2.5M (Base, Great Lakes and Norfolk)

## Current Contract/Original Developer/OEM (If Recompete)
- N/A

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Deliver, test, and install an LCS 1 Combat System Part-Task Trainer (PTT) devices, support equipment, and software to the LCS Training Facility (LTF) located at San Diego, CA.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
</table>
| • TSC III sole source (EFO approval pending) | • 6-8 months | Sep 15
| | | RFP Release |
| | | Dec 15
| | | Contract Award |

<table>
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<tr>
<th>POINT OF CONTACT</th>
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<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
</table>
| Name: Mr. Paul Honold
Organization: NAWCTSD, PDS&U
Phone: 407-380-4160
Email: paul.honold@navy.mil | • $1M FY15 | • Lockheed Martin |

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Modify, update, and create curriculum to support LCS officer training at Surface Warfare Officers School (SWOS) Newport. This effort is focused on Tactical Action Officer (TAO) training, but may also support Prospective Commanding Officer and Prospective Executive Officer training.

### ACQUISITION STRATEGY
- Delivery Order, SWOS Curriculum ID/IQ (A. Harold)

### PERIOD OF PERFORMANCE
- 7-9 months (estimated)

### MILESTONES
- Jul 15: RFP Release
- Sep 15: Contract Award

### POINT OF CONTACT
Name: Mr. Paul Honold  
Organization: NAWCTSD, PDS&U  
Phone: 407-380-4160  
Email: paul.honold@navy.mil

### FUNDING
- $0.7M (estimated)

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- A Harold and Associates

The information provided is for planning purposes and is subject to change without notice.
## Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, LCS 1 ITT to support Train-to Qualify (T2Q) and Train-to-Certify (T2C) requirements for LCS 1 Bridge, Combat Systems, Mission Package, and Engineering watch teams at the LCS Training Facility in Mayport FL. This acquisition will largely replicate LCS 1 ITT functionality currently fielded at LTF San Diego incorporating hull deltas with additional enhancements based on fleet feedback.

- Option CLINs are planned to accommodate installation of an additional ITT at LTF Mayport (dependent on pending fleet decisions) as well as retrofit of ITT enhancements to the San Diego LCS 1 ITT.

### Acquisition Strategy

- TSC III sole source (EFO approved)

### Period of Performance

- 18 months

### Milestones

- Jun 26: RFP Release
- Dec 15: Contract Award

### Point of Contact

Name: Mr. Paul Honold  
Organization: NAWCTSD, PDS&U  
Phone: 407-380-4160  
Email: paul.honold@navy.mil

### Funding

- $18.5M FY16 (estimate)
- Option CLIN funding is dependent on out year budget stability

### Current Contract/Original Developer/OEM (If Recompete)

- Lockheed Martin Mission Systems & Training, Moorestown

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The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, LCS 2 ITT to support Train-to Qualify (T2Q) and Train-to-Certify (T2C) requirements for LCS 2 Bridge, Combat Systems, Mission Package, and Engineering watch teams at the LCS Training Facility in San Diego CA. This acquisition will largely replicate LCS 2 ITT functionality currently fielded at LTF San Diego incorporating hull deltas with additional enhancements based on fleet feedback.
- Option CLINs are planned to accommodate installation of an additional ITT at a future LCS homeport (dependent on pending fleet size decisions) as well as retrofit of ITT enhancements to the original San Diego LCS 2 ITT.

ACQUISITION STRATEGY
- Open market sole source (J&A approval pending)

PERIOD OF PERFORMANCE
- 18 months

MILESTONES
- Dec 15
  RFP Release
- July 16
  Contract Award

POINT OF CONTACT
- Name: Mr. Paul Honold
- Organization: NAWCTSD, PDS&U
- Phone: 407-380-4160
- Email: paul.honold@navy.mil

FUNDING
- $18.5M FY16 (estimate)
- Option CLIN funding is dependent on out year budget stability

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
- General Dynamics Advanced Information Systems (GDAIS)

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, LCS 2 ITT to support Train-to Qualify (T2Q) and Train-to-Certify (T2C) requirements for LCS 2 Bridge, Combat Systems, Mission Package, and Engineering watch teams at the LCS Training Facility in San Diego CA. This acquisition will provide Software upgrade for the Virtual Ship software to version 7.6 and upgrade the Visual Display System.

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<td>Jun 9</td>
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<tbody>
<tr>
<td>Name: Mr. Paul Honold</td>
<td>• $850K FY15 (estimate)</td>
<td>• Computer Science Corporation (CSC)</td>
</tr>
<tr>
<td>Organization: NAWCTSD, PDS&amp;U</td>
<td>Phone: 407-380-4160</td>
<td>Email: <a href="mailto:paul.honold@navy.mil">paul.honold@navy.mil</a></td>
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</table>
International Programs Mission

Implement U. S. Laws and National Policies and meet the requirements of U. S. Combatant Commanders by providing cost-wise Naval Training Products and Services to Friends, Allies, and Coalition Partners, and by enhancing the capabilities of the U. S. Navy/Marine Corps Team through International Cooperative Efforts.
International Programs Organization

Director (Acting)
Aida Matta

Deputy Director
James Overton

Deputy Director
Kirk Roudabush

FA-18 C/D, F/G E-2C/D

Surface Ship Trainers

Cross Warfare Training Devices

Building Partnership Capabilities (EIPC, GPOI)

KC-130

MH-60

P-3/P-8

PDA, PDS, PDU, PDX Program Managers
Disclaimer

• The information about to be presented affords industry partners insight into on-going and pending acquisitions.

• Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.
Description/Summary of Program Requirements

- The French Navy is in the process of defining requirements for the replacement/modification of their Tactics Trainer (15F8F) systems due to obsolescence issues. Affected systems include the Instructor Operator System (IOS), Radar IFF Simulation System (RISS), Simulation Computer (SIMCOM), Consoles Interfaces/Interfacing Consoles (CP I/U & CIC I/U), Audio Communication System (ACS), Trainee Monitoring & Recording System (TMRS) and associated interfaces, such as the reflective memory systems, between all systems.
- The system should also be capable of accepting the integration of a future simulated Mode 5/S Interrogator and Electronic Support Measures (ESM) system.

### Acquisition Strategy
- TSC III sole source (EFO approved)
- Pending LOA

### Period of Performance
- Estimated 24 months

### Milestones
- Dec 2015: RFP Release
- Aug 2016: Contract Award

### Point of Contact
- Name: Aida Matta
- Organization: NAWCTSD, International
- Phone: 407-381-8648
- Email: aida.matta@navy.mil

### Funding
- Estimated $15M-$20M

### Current Contract/Original Developer/OEM (If Recompete)
- Original Developer: NGC

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- The Japan Air Self Defense Force (JASDF) is in the process of defining requirements for the acquisition of an E-2D Tactics Trainer.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
</tr>
</thead>
<tbody>
<tr>
<td>• TSC III sole source (EFO approved)</td>
<td>• Estimated 30 months</td>
<td>May 2016</td>
</tr>
<tr>
<td>• Pending LOA</td>
<td></td>
<td>RFP Release</td>
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<td></td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>POINT OF CONTACT</th>
<th>FUNDING</th>
<th>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name: Aida Matta</td>
<td>• Estimated $35M-$40M</td>
<td>• N/A</td>
</tr>
<tr>
<td>Organization: NAWCTSD, International</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phone: 407-381-8648</td>
<td></td>
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</tr>
<tr>
<td>Email: <a href="mailto:aida.matta@navy.mil">aida.matta@navy.mil</a></td>
<td></td>
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</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

• Procure one (1) Tactical Operational Flight Trainer (TOFT) consisting of Operational Flight Trainer (OFT) and Weapons Tactics Trainer (WTT)

• Provide support in the form of Instructor/Operator/Maintenance Training Courses, Contractor Logistics Support (CLS) for up to 4 years, provisioning of spares and technical manuals

<table>
<thead>
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<th>ACQUISITION STRATEGY</th>
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</thead>
<tbody>
<tr>
<td>• TSC III competitive Lot I</td>
<td>• Estimated 30 months</td>
<td>Feb 2016 RFP Release  Dec 2016 Contract Award</td>
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</table>

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: <a href="mailto:aida.matta@navy.mil">aida.matta@navy.mil</a></td>
<td>• Estimated $25M</td>
<td>• N/A</td>
</tr>
</tbody>
</table>

The information provided is for planning purposes and is subject to change without notice.
# Description/Summary of Program Requirements

- Procure Automatic Flight Control System Trainer (AFCST) and Enhanced Landing Signals Operator Trainer (ELSOT)

## Acquisition Strategy
- TSC III sole source (EFO approved)

## Period of Performance
- Estimated 24 months

## Milestones
- Sept 2015: RFP Release
- Jan 2016: Contract Award

## Point of Contact
- Name: Aida Matta
- Organization: NAWCTSD, International
- Phone: 407-381-8648
- Email: Aida.Matta@navy.mil

## Funding
- Estimated $15M

## Current Contract/Original Developer/OEM (If Recompete)
- N/A
Description/Summary of Program Requirements

- Procure the following training systems for the Saudi Naval Expansion Program II in support of the MH-60R:
  - One (1) H-60 Tactical Operational Flight Trainer (Non-Motion) (Containerized) (CLS Five (5) Years - Three (3) US / Two (2) Saudi)
  - One (1) Operator Machine Interface Assistant/Acoustic Training System (OMIA/ATS)
  - CLS Four (2) Years for OMIA/ATS device - Saudi

ACQUISITION STRATEGY

- TSC III competitive (Lot is TBD)
- Pending LOA

PERIOD OF PERFORMANCE

- Estimated 45 Months

MILESTONES

- Mar 2016
- 1st Qtr FY17
  - RFP Release
  - Contract Award

POINT OF CONTACT

- Name: Aida Matta
- Organization: NAWCTSD, International
- Phone: 407-381-8648
- Email: Aida.Matta@navy.mil

FUNDING

- Estimated $35M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- N/A

The information provided is for planning purposes and is subject to change without notice.
**Description/Summary of Program Requirements**

- Future contract modifications to the existing F-18 Finland Training System procurement includes; 1) Visual Data Base (VDB) System, 2) Aircraft Operational Flight Program (OFP) 27C(F) software upgrade.

- The 27C(F) OFP upgrade will consist of enhancements to the:
  - Weapons Tactics and Situational Awareness Trainers (WTSAT)
  - Deployable Tactics Trainers (DTT)
  - Debrief Station (DBS)
  - Mission Operation Center (MOC).

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**ACQUISITION STRATEGY**

- TSC III sole source (EFO approved)

**PERIOD OF PERFORMANCE**

- Estimated 30 months

**MILESTONES**

- Mar 2015: RFP Released
- Nov 2015: Contract Award

**POINT OF CONTACT**

<table>
<thead>
<tr>
<th>Name: Aida Matta</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organization: NAWCTSD, International</td>
</tr>
<tr>
<td>Phone: 407-381-8648</td>
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<tr>
<td>Email: <a href="mailto:aida.matta@navy.mil">aida.matta@navy.mil</a></td>
</tr>
</tbody>
</table>

**FUNDING**

- Estimated $15.5M

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- Boeing Corp., St. Louis, MO.

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The information provided is for planning purposes and is subject to change without notice.
Saudi Arabia- CLS of TSS and upgrades to FF school
N61340-15-P1-141000G-0001

Description/Summary of Program Requirements

• Contractor Logistics Support (CLS), upgrade and service and maintenance concept for the Training Ship Simulator at the King Fahd Naval Academy in Jeddah Naval Base

• Maintenance and upgrading of the Fire Fighting (FF) Damage Control School in Jubail Naval Base

ACQUISITION STRATEGY

• Open market sole source (D&F approved)

PERIOD OF PERFORMANCE

• 12 month base period plus two Option years

MILESTONES

Aug 2015
RFP Release

Dec 2016
Contract Award

POINT OF CONTACT

Name: Aida Matta
Organization: NAWCTSD, International
Phone: 407-381-8648
Email: aida.matta@navy.mil

FUNDING

• Estimated $6M

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

• N/A

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Procure Contractor Logistic Services (CLS) for NTTT systems in Jubail and Jeddah Saudi Arabia

### Acquisition Strategy
- TSC III sole source (EFO approved)
- Pending LOA

### Period of Performance
- Estimated 36 Months
- Base year with Two – One year options

### Milestones
- Dec 2015
  - RFP Released
- Mar 2016
  - Contract Award

### Point of Contact
- Name: Aida Matta
- Organization: NAWCTSD, International
- Phone: 407-381-8648
- Email: Aida.Matta@navy.mil

### Funding
- Estimated $15M

### Current Contract/Original Developer/OEM (If Recompete)
- Amel Group

The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- Future contract to provide Contractor Logistics Support (CLS) in support of Iraq Patrol Boat (PB), Fire Fighting Training Unit (FFTU) and Offshore Support Vessel (OSV) Simulators in Umm Qasr for Iraq Navy.

- This contract will be for monitoring and assisting Iraqi Instructors in the operation and maintenance of the PB, FFTU, and OSV Simulators. Routine maintenance of the generator power source will be required. Security and housing provided by 3rd party contract.

<table>
<thead>
<tr>
<th>ACQUISITION STRATEGY</th>
<th>PERIOD OF PERFORMANCE</th>
<th>MILESTONES</th>
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</thead>
<tbody>
<tr>
<td>Open market sole source (D&amp;F approved)</td>
<td>5 months</td>
<td>July 2015</td>
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<tr>
<td></td>
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<td>RFP Release</td>
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<td></td>
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<td>Sep 2015</td>
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<td>Contract Award</td>
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<tr>
<td>Name: Aida Matta</td>
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<td>Contract N61340-14-C-6109</td>
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<tr>
<td>Organization: NAWCTSD, International</td>
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<td>VSD, LLC</td>
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<tr>
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The information provided is for planning purposes and is subject to change without notice.
Description/Summary of Program Requirements

- LOA is expected to be signed by June 26, 2015
- Case 1 - One Containerized Flight Training Device (CFTD) delivered in a Federated GOJ configuration, spares, and initial courseware.
- Case 2 is in development. Possibly include initial maintainer/aircrew training, Differences Training development, and a maintenance trainer.
- CFTD will utilize existing domestic trainer contract (through NAWCTSD) and PMA 275 contract (synergy with a/c development) for the initial build and modification (NRE).

### ACQUISITION STRATEGY

- Open market sole source (D&F approved) to Bell/Boeing
- Open market sole source (D&F approval pending) to Veraxx
- Open market sole source (D&F approved) to Imagine One

### PERIOD OF PERFORMANCE

- POP for the CFTD to deliver in country – 36 months
- POP for the spares – 36 months
- POP to Imagine One for Initial courseware – 36 months

### MILESTONES

- July 2015: RFP Release
- Sept 2015: NRE Contract Award
- Dec 2015: CFTD Contract Award

### POINT OF CONTACT

Name: Aida Matta  
Organization: NAWCTSD, International  
Phone: 407-381-8648  
Email: aida.matta@navy.mil

### FUNDING

- Estimated Case 1 funding $24.9M

### CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- Bell/Boeing
- Imagine One

The information provided is for planning purposes and is subject to change without notice.
Research & Technology Programs Organization

Director
Maureen Bergondy-Wilhelm

Deputy Director
Robert Seltzer

Military Deputy
CDR Hank Phillips

Human Research Protection Program / Committee for the Protection of Human Subjects

Science & Technology Research
Small Business Research
Transition Research
Technology Transfer
Disclaimer

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• Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.
NAWCTSD Research Portfolio

• Office of Naval Research Science & Technology (BA 1-3)
  – Basic Research (In-house and Academia)
  – Applied Research
  – Advanced Development

• Navy Demonstrations and Validation Research (BA 4-7)

• DoD Research
  – Joint/OSD/JFCOM
  – Army/USAF/USMC Research

• Technology Transfer (Gov/Non-DoD Research)

• DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs

NAWCTSD is a R&D Performer and Partners with Industry on Proposals and Subsequent Research Efforts
MISSION
Plan & Perform a Full Range of Directed Research & Development in Support of Naval & Other DOD Training Systems for All Warfare Areas & Platforms, to Maintain a Naval Critical Technology Base and Transition Technology Results to the Fleet and Other Customers

S&T Focus Areas

Human Performance Modeling

Human Performance Assessment

Virtual Environments & Training Technologies

Distributed LVC Synthetic Training

Tactical Decision Support for Command & Control
Small Business Innovation Research Opportunities
N68335-16-C-P146T000G-0002

Description/Summary of Program Requirements

- **Process (2-3 SBIR solicitations per year)**
  - **Phase I (1st yr):** Scope problem & detail innovative solution ($80K/$70K option)
  - **Phase II (2nd-3rd yrs):** Develop prototype, test & evaluate (up to $1M)
  - **Phase III (thereafter):** Further R&D development / acquisition transition (Government sole source)

- **Next Solicitations**
  - (15.2) Pre-Release Opened: 24 April 2015  Closes: 24 June 2015
  - Large businesses can partner w/small businesses  See [http://www.dodsbir.net](http://www.dodsbir.net) and [http://www.navysbir.com](http://www.navysbir.com)

<table>
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<tbody>
<tr>
<td>SBIR Phase I: Firm Fixed Price (FFP)</td>
<td>Phase I: 6 Month w/6 month Option</td>
<td>15.2 Solicitation Milestones</td>
<td></td>
</tr>
<tr>
<td>SBIR Phase II: Cost Plus Fixed Fee (CPFF)</td>
<td>Phase II: 24 Months</td>
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<tr>
<td>SBIR Phase III (J&amp;A Required)</td>
<td>Phase III: Open</td>
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<td>25 May 15  RFP Release</td>
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<td></td>
<td>24 June 15  RFP Closes</td>
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<tr>
<td></td>
<td></td>
<td>24 Oct 15  Contract Award</td>
<td></td>
</tr>
</tbody>
</table>

- **Point of Contact**
  - **Name:** Ms. M. Bergondy-Wilhelm
  - **Organization:** R&T Program Office
  - **Phone:** 407-380-4777
  - **Email:** maureen.bergondy@navy.mil

- **Funding**
  - **Year 1:** RDT&E $80K/$70K Option
  - **Year 2-3:** RDT&E $1M
  - **Year 4+:** Non-SBIR $s; No Limit/ No Competition Required

- **TBD – Up to 3 awards planned/topic**
• N152-094 Model-Based Tool for the Automatic Validation of Rotorcraft Regime Recognition Algorithms
  - Develop a model-based tool and test kit that will validate rotorcraft-based regime recognition (RR) codes for effective integration into health and usage monitoring systems (HUMS).

• N152-088 Infrared Search and Threat Identification
  - Research, design, and develop a software application that can be used with an infrared (IR) sensor to identify a potential target threat by analyzing its infrared signature.

DoD 15.2 Solicitation Opens: 25 May 15  Closes: 24 June 15
http://www.dodsbir.net/sitis
The information provided is for planning purposes and is subject to change without notice.

---

**Description/Summary of Program Requirements**

- Small business required to team with research or academic institution (non-Government)
  - Phase I (1st yr): Scope problem & detail innovative solution ($100K)
  - Phase II (2nd-3rd yrs): Develop prototype, test & evaluate ($750K)
  - Phase III (thereafter): Further R&D development/acquisition transition (Government sole source)
  - Large businesses can partner w/small businesses (for PIII)

- **1-2 STTR solicitations a year**
- **Next solicitation (16.A) Pre-release Opens: 14 Jan 16 – Closes: 17 Feb 16**
  
  See [http://www.dodsbir.net](http://www.dodsbir.net) and [http://www.navysbir.com](http://www.navysbir.com)

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<td>STTR Phase I: Firm Fixed Price (FFP)</td>
<td>Phase I: 6 Month w/3 month Option</td>
<td><strong>15.A Solicitation Milestones</strong></td>
</tr>
<tr>
<td>STTR Phase II: Cost Plus Fixed Fee (CPFF)</td>
<td>Phase II: 24 Months</td>
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<tr>
<td>STTR Phase III (J&amp;A Required)</td>
<td>Phase III: Open</td>
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<td>RFP Close</td>
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<td>Contract Award</td>
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</tbody>
</table>

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**Current Contract/Original Developer/OEM (if recompete)**

- TBD – Up to 3 awards planned/topic

---

**ACQUISITION STRATEGY**

- STTR Phase I: Firm Fixed Price (FFP)
- STTR Phase II: Cost Plus Fixed Fee (CPFF)
- STTR Phase III (J&A Required)

**PERIOD OF PERFORMANCE**

- Phase I: 6 Month w/3 month Option
- Phase II: 24 Months
- Phase III: Open

**FUNDING**

- Year 1 RDT&E $70K/$30K Option
- Year 2-3 RDT&E $750K (Total)
- Year 4+ Non-SBIR $s; No Limit/No Competition Required

---

**POINT OF CONTACT**

- Name: Ms. M. Bergondy-Wilhelm
- Organization: R&T Program Office
- Phone: 407-380-4777
- Email: maureen.bergondy@navy.mil

---

**CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)**

- TBD – Up to 3 awards planned/topic
Description/Summary of Program Requirements

- Broad range of R&D services including analysis, studies, engineering support and prototyping to facilitate the customization and application of Virtual Environment (VE) Synthetic Training to satisfy Navy mission simulation and training requirements.
- Example technology challenges associated with VEs include (but not limited to):
  - Develop mixed reality immersive training and mission rehearsal environments
  - Methods and standards for VE integrated, synchronized environments
  - Multi-sensory presentation high-fidelity display augmented with aural, tactile, vestibular, and proprioception cues

<table>
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<tbody>
<tr>
<td>• Single Award ID/IQ Contract</td>
<td>• 5 years</td>
<td>Mar 2015 Draft RFP Released</td>
</tr>
<tr>
<td>• Open market (SBSA)</td>
<td></td>
<td>May 2015 RFP Released</td>
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<tr>
<td>Name: Ms. M. Bergondy-Wilhelm</td>
<td>R&amp;D, O&amp;M &amp; APN</td>
<td>Renaissance Sciences, Corp</td>
</tr>
<tr>
<td>Organization: R&amp;T Program Office</td>
<td>$9.75M Ceiling</td>
<td></td>
</tr>
<tr>
<td>Phone: 407-380-4777</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Email: <a href="mailto:maureen.bergondy@navy.mil">maureen.bergondy@navy.mil</a></td>
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Emerging Demands & Areas of Research

• Live, Virtual & Constructive (LVC) Training
• Adaptive & Intelligent Training
• Virtual Environments & Technologies for Training
  – Visual & Haptic Enhancements
  – Augmented Reality
  – Gaming Technologies
• Counter Anti-Access/Area Denial Tactics Training and Experimentation
• Electronic Maneuver Warfare Training Strategies and Technologies
• Cyberwarfare
  – Human Performance & Training
  – Modeling Effects

NAWCTSD Research Summaries can be found at:
How to Participate in NAWCTSD Research?

- Tell us about your Independent Research and Development (IRAD) efforts
- Respond to SBIR/STTR Solicitations
  - Small Business – Large Business Partnering, Academia can be included
- Pursue Cooperative Research and Development Agreements (CRADAs) with NAWCTSD when we find an area of common interest
- Partner on Joint Proposals (Scientist to Scientist/Engineer to Engineer)
  - If successful w/joint proposals several contract vehicle options available:
    - SBIR Phase III
    - NAWCTSD R&D Broad Agency Announcement (S&T projects only)
    - ONR/DoD/funding agency contracting


Research & Technology Program Office POC

Director, Maureen-Bergondy-Wilhelm
407-380-4777
Maureen.Bergondy@navy.mil