

# TRAINING & SIMULATION

INDUSTRY SYMPOSIUM



NAWCTSD



**CAPT Steve Nakagawa**  
Commanding Officer



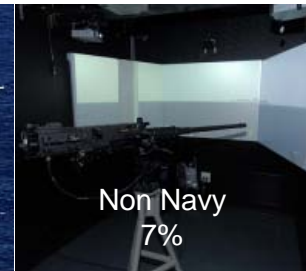
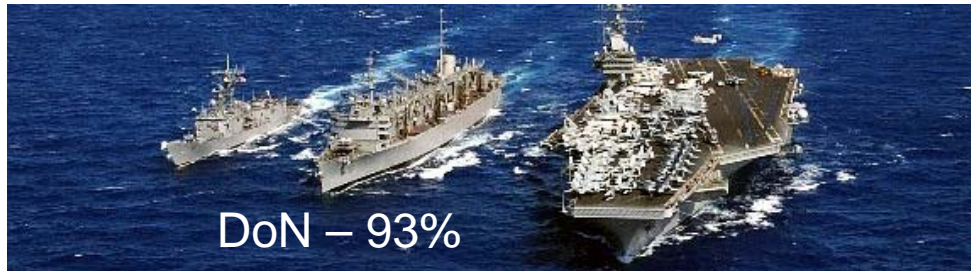


# Mission

**NAWCTSD Is the principal Navy center for research, development, test and evaluation, acquisition and product support of training systems;**

**We provide Interservice coordination and training systems support for the Army and Air Force, and we perform such other functions and tasks as directed by higher authority.**

(OPNAVNOTE 5450 - 8 Sep 93)





# Organization



**ADM J. Greenert**  
Chief of Naval Operations  
★★★★★

**VADM D. Architzel**  
NAVAIRSYSCOM  
★★★



**VADM W. French**  
CNIC  
★★★

**RDML M. Winter**  
NAWCWD  
★

**RDML R. Mahr**  
NAWCAD  
★

**RADM J. Scorby**  
CNRSE  
★★

**PMA-205**  
CAPT J. Feeney

**CAPT S. Nakagawa, CO**   **Mr. Rob Matthews, TD (Acting)**  
**CAPT W. Naylor, XO**   **Mr. Rob Matthews, DTD**  
NAWCTSD

**CAPT S. Nakagawa, CO**  
**CAPT W. Naylor, XO**  
NSA Orlando

<b>1.0</b> Program Management Rob Matthews	<b>2.0</b> Contracts Tony Delicati	<b>4.0</b> Research & Engineering Maynard Zettler	<b>5.0</b> Test & Evaluation Carl Lee	<b>6.0</b> Logistics Dixie Bishop	<b>7.0</b> Corporate Operations Mike Friedman	<b>10.0</b> Comptroller Suzanne Cormier-Livesay	<b>11.0</b> Counsel Geoffrey Chun
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Facilities PWD  
Public Safety

## Program Directorates

**Aviation**  
Michael Merritt

**Surface**  
John Freeman

**Undersea**  
Paul Honold

**Cross Warfare**  
Brian Hicks

**International**  
Dale Whittaker

**Research & Technology**  
Maureen Bergondy-Wilhelm



# Product Line

## TRAINING SYSTEMS

- New/Modified Training Systems
  - Aircrew Trainers
  - Operational Flight Trainers
  - Weapon Systems Trainers
  - Maintenance Trainers
  - Shiphandling Trainers
  - Tactics Trainers
  - Engineering / Damage Control Trainers



## TRAINING SERVICES

- Operation & Maintenance Services
- Instructor Services
- COTS Courseware Acquisition
- Full Spectrum Services



## TRAINING CONTENT

- Courseware Development
- Curriculum
  - New Development
  - Updates

## INTELLECTUAL SERVICES

- Research & Development
  - Experimentation & Studies
  - Prototypes
  - SBIR
  - Protection of Human Subjects
- Analysis
  - Front End Analysis
  - Requirements Analysis
  - Media Selection
- Work Year Support





# Command Philosophy





# Key Take Aways

- **Acquisition Excellence**
  - Planning
  - Execution
- **Training Systems Contract (TSC III) – Projected Use across the enterprises**
- **Training Data Products Multiple (TDPMAC) – Status**
- **Increased Communication with Industry**
  - Government/Industry IPT
  - Periodic Acquisition Schedule Updates

NAWCTSD



**Tony Delicati**  
Director of Contracts



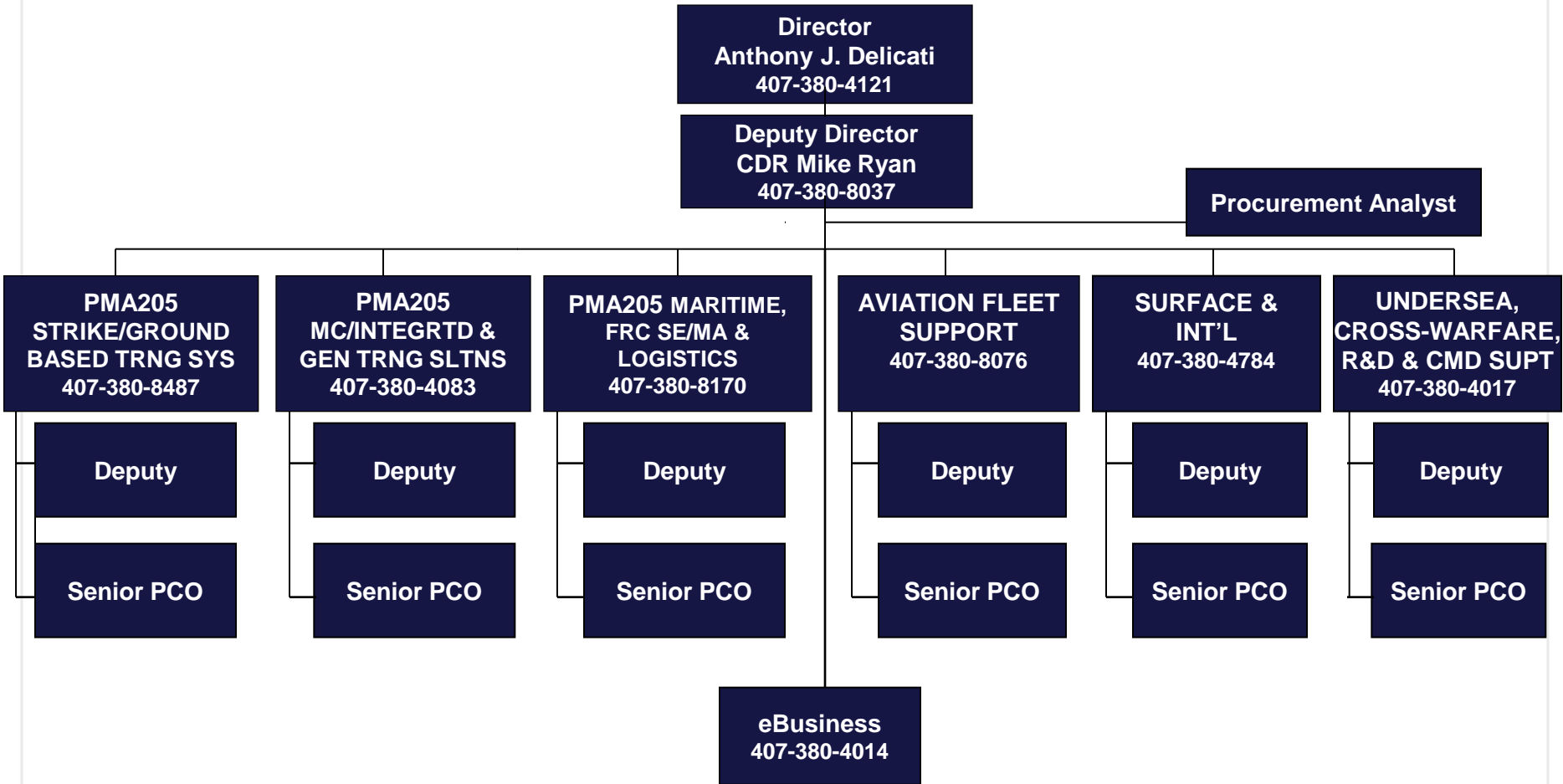


## Topics

- Contracts Organization Overview
- Multiple Award Contracts
- Source Selection
- Communications with Industry
- Identification of Business Opportunities



# Contracts Organization





## FTSS III

- Partial Small Business Set-Aside composed of two Lots
- Scope: Contractor Operation & Maintenance Services and Contractor Instructional Services
- Ordering period: 8 years (base of 5 years and three 1 year options)
- Ceiling amounts: \$900M (Unrestricted Lot) and \$80M (SBSA Lot)
- Award date: Unrestricted MAC – December 2010; SBSA MAC – July 2010
- PCO: Tom Courtney
- Contract Specialist: Shannon Walyus



## TSC III

- Partial Small Business Set-Aside composed of two Lots
- Scope: Training Systems and training systems modifications design, development, production, test and evaluation, delivery and complementary Instructional Systems Development (ISD) products and complementary Training Systems Support, which includes Interim Contractor Support (ICS) or Contractor Engineering & Technical Services (CETS) and provisioning for the Initial Support Period (ISP)
- Ordering period: 7 years (base of 5 years and two 1 year options)
- Ceiling amount: \$2B
- Award date: November 2011
- PCO: Greg Dougherty
- Contract Specialist: Stephen Holbrook





# Source Selection

- Continue to seek too much information and taking too long....
- Continued opportunity to better leverage MACs
- Progression towards clarity in establishing discriminators
- Expect increased emphasis on price/cost
- LPTA does not imply simplicity of requirement
- Leadership attention and engagement on source selection
- Your help is needed.... Candid feedback and high quality proposals



# Communications with Industry

## 15.201 Exchanges with industry before receipt of proposals.

(a) Exchanges of information among all interested parties, from the earliest identification of a requirement through receipt of proposals, are encouraged. Any exchange of information must be consistent with procurement integrity requirements (see [3.104](#)). Interested parties include potential offerors, end users, Government acquisition and supporting personnel, and others involved in the conduct or outcome of the acquisition....

- <https://acquisition.navy.mil/content/view/full/8581>
- <http://www.whitehouse.gov/sites/default/files/omb/procurement/memo/Myth-Busting.pdf>
- <http://www.whitehouse.gov/sites/default/files/omb/procurement/memo/myth-busting-2-addressing-misconceptions-and-further-improving-communication-during-the-acquisition-process.pdf>



## How does Industry identify NAWCTSD Business Opportunities?

- Open Market Actions  $\geq$ \$15K
  - [www.fedbizopps.gov](http://www.fedbizopps.gov) & <https://www.neco.navy.mil/>
- Actions against FTSS III, TSC III and TDPC MACs
  - <http://nawctsd.navair.navy.mil/EBusiness/BusOps/Acquisitions/Index.cfm>
- J&As and Limited Source Justifications posted to FedBizOpps and NECO

NAWCTSD



**Mr. Brian Hicks**

Director, Cross Warfare Programs





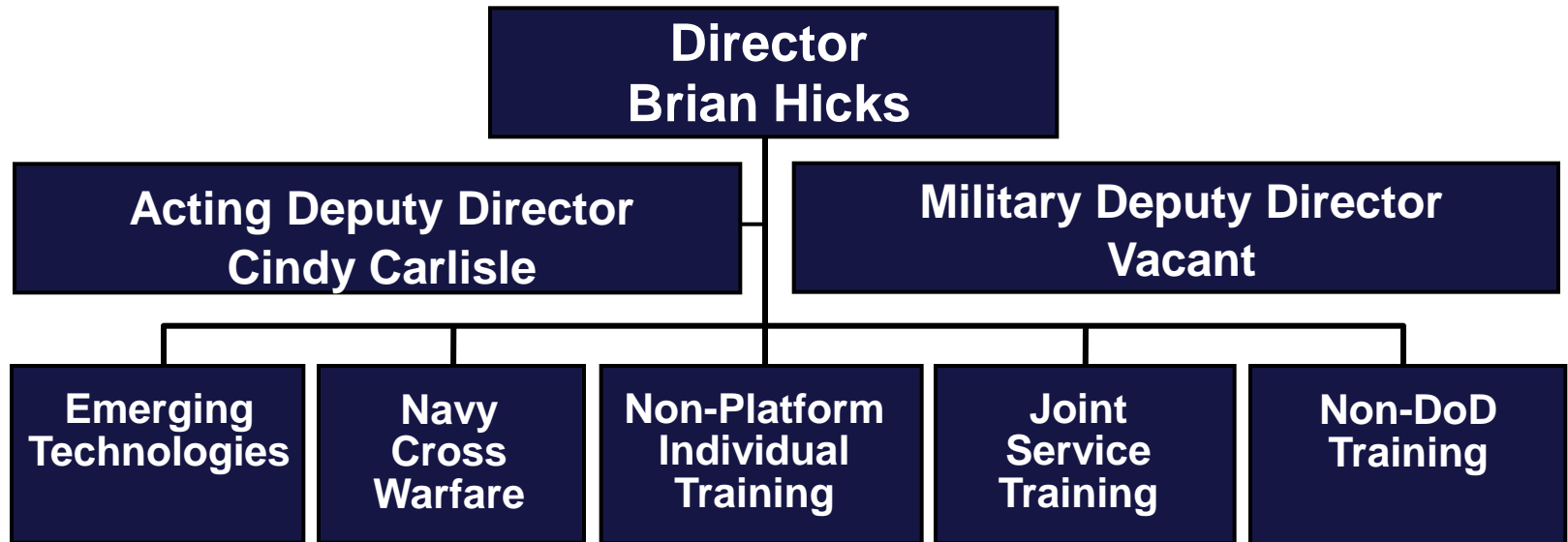


# Cross Warfare Mission Statement

- 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** with SYSCOMs, COCOMs, Joint Staff, Services, Agencies, Academia and Coalition elements to provide the best capabilities to the warfighter;
  - **Seeking** the best technical and operational concept solutions from defense, industry and academic sources and facilitate transition of these new capabilities from developers to the warfighter;
  - **Leveraging** "try before you buy" demonstrations, exploiting "test to procure" initiatives, and forging partnerships to integrate new technology solutions for our warfighters;
  - **Integrating** and combining improved business processes and best practices to speed the delivery of technological solutions to the warfighter.



# Cross Warfare Programs Organization





# 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
- The PCO is your source for the most current information



# Emerging Technologies

## Description/Summary of Program Requirements

- Explore current and future technologies to address the training needs of NAWCTSD military and civilian personnel. Potential technology areas include virtual worlds, gaming technologies, and mobile technologies
- Program Requirements - Software engineering, analysis, software development, implementation support, and management support services

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• 8(a)</li> <li>• Indefinite Delivery/Indefinite Quantity (ID/IQ)</li> </ul>	<ul style="list-style-type: none"> <li>• 5 years</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Brian Hicks Organization: NAWCTSD 1.3.6.3 Phone: 407-380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> <li>• Approximate ceiling amount \$4.5M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	







# Intelligent Tutor

## Description/Summary of Program Requirements

- Pursue development of improved technologically-advanced instructional and training delivery systems.
- Develop an intelligent tutor utilizing the Socratic Method to Observe, Assess and Respond to student interactions (competency based instruction).
- Software engineering, analysis, content development, logistics, with emphasis on scalability, life cycle and total ownership costs.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Full and Open Competition</li> <li>• Indefinite Delivery/Indefinite Quantity (ID/IQ)</li> </ul>	<ul style="list-style-type: none"> <li>• 5 years</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Brian Hicks Organization: NAWCTSD 1.3.6.3 Phone: 407-380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> <li>• Contract value of up to \$15M/year</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# CNIC Educational Services

## Description/Summary of Program Requirements

- Commander, Navy Installations Command(CNIC) requires courseware and materials in order to facilitate Instructor Lead Training (ILT) and Interactive Courseware (ICW) for Navy sailors and civilian personnel for the next 5 years. CNIC has an increase in course throughput and requires support in the areas of courseware analysis, design, development, implementation, and evaluation



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• 8(a)</li> <li>• Indefinite Delivery/Indefinite Quantity (ID/IQ)</li> </ul>	<ul style="list-style-type: none"> <li>• 5 years</li> </ul>	3 <sup>rd</sup> Qtr FY12  RFP Release	2 <sup>nd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Brian Hicks Organization: NAWCTSD 1.3.6.3 Phone: 407-380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> <li>• Total funding estimated at \$4.3M (O&amp;M, N)</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# PMA-299 - Engine Maintenance Services

## Description/Summary of Program Requirements

- This scope of work is for the minimum repair requirements for Standard Depot Repair of United States Navy (USN) and United States Marine Corps (USMC) T700-GE-401/401C Turboshaft Engines, Cold Section Modules (CSMs) and Power Turbine Modules (PTMs)
- The intent is to provide cost-effective, on-time availability of Ready-For-Issue (RFI) USN and USMC T700-GE-401/401C Engines, CSMs, and PTMs to meet National Military Strategy. The Contractor shall be a FAA certified repair station for CT7/T700 series engines and modules or its equivalent



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Non-performance based services under a “D” type contract with Firm Fixed Price (FFP) cost line items</li> <li>• Full and Open Competition</li> <li>• Indefinite Delivery/Indefinite Quantity (ID/IQ)</li> </ul>	<ul style="list-style-type: none"> <li>• 5 years</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Brian Hicks Organization: NAWCTSD 1.3.6.3 Phone: 407-380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> <li>• The source of funds for this effort is Navy Working Capital Fund</li> <li>• Funded per Task Order</li> <li>• Estimated \$280M</li> </ul>		<ul style="list-style-type: none"> <li>• Single Source, T&amp;M contract with General Electric Services</li> <li>• Value of current contract: \$102M</li> </ul>



# Federal Law Enforcement Training Center (FLETC)

## Description/Summary of Program Requirements

- The Federal Law Enforcement Training Center (FLETC) has established an Electronic Learning Portal (ELP) to deliver training to state, local, and tribal law enforcement communities
- Conversion of Instructor Led Training (ILT) and Computer Based Training (CBT) into a Web Based Training (WBT) format for distribution via the ELP (Plateau Learning Management System) for various courses including Federal Criminal Law, Federal Criminal Procedures, and Continuing Legal Education
- Contracted effort covers the full range of software development and instructional design activities necessary to produce and deploy WBT courseware

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Training Data Products (TDP) Multiple Award Contract (MAC)</li> </ul>	<ul style="list-style-type: none"> <li>• 1-3 years</li> </ul>	2 <sup>nd</sup> Qtr FY13   RFP Release	3 <sup>rd</sup> Qtr FY13   Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Brian Hicks Organization: NAWCTSD 1.3.6.3 Phone: 407-380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$3.1M/year</li> </ul>	<ul style="list-style-type: none"> <li>• TSC II – Carley Corp</li> </ul>	







# Authoring Instructional Materials (AIM)

## 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	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Firm Fixed Price</li> <li>• Small Business Set-Aside</li> <li>• Single Award</li> </ul>	<ul style="list-style-type: none"> <li>• 1 year plus 4 option years</li> </ul>	4 <sup>th</sup> Qtr FY14  RFP Release	4 <sup>th</sup> Qtr FY15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Brian Hicks Organization: NAWCTSD 1.3.6.3 Phone: 407-380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> <li>• Contract value of up to \$4.5/year (initial procurement and options)</li> </ul>	<ul style="list-style-type: none"> <li>• Current vehicle is 5 years, Requirements contract, incumbent is AIMEREON INC</li> <li>• OEM – Government Owned Software</li> </ul>	

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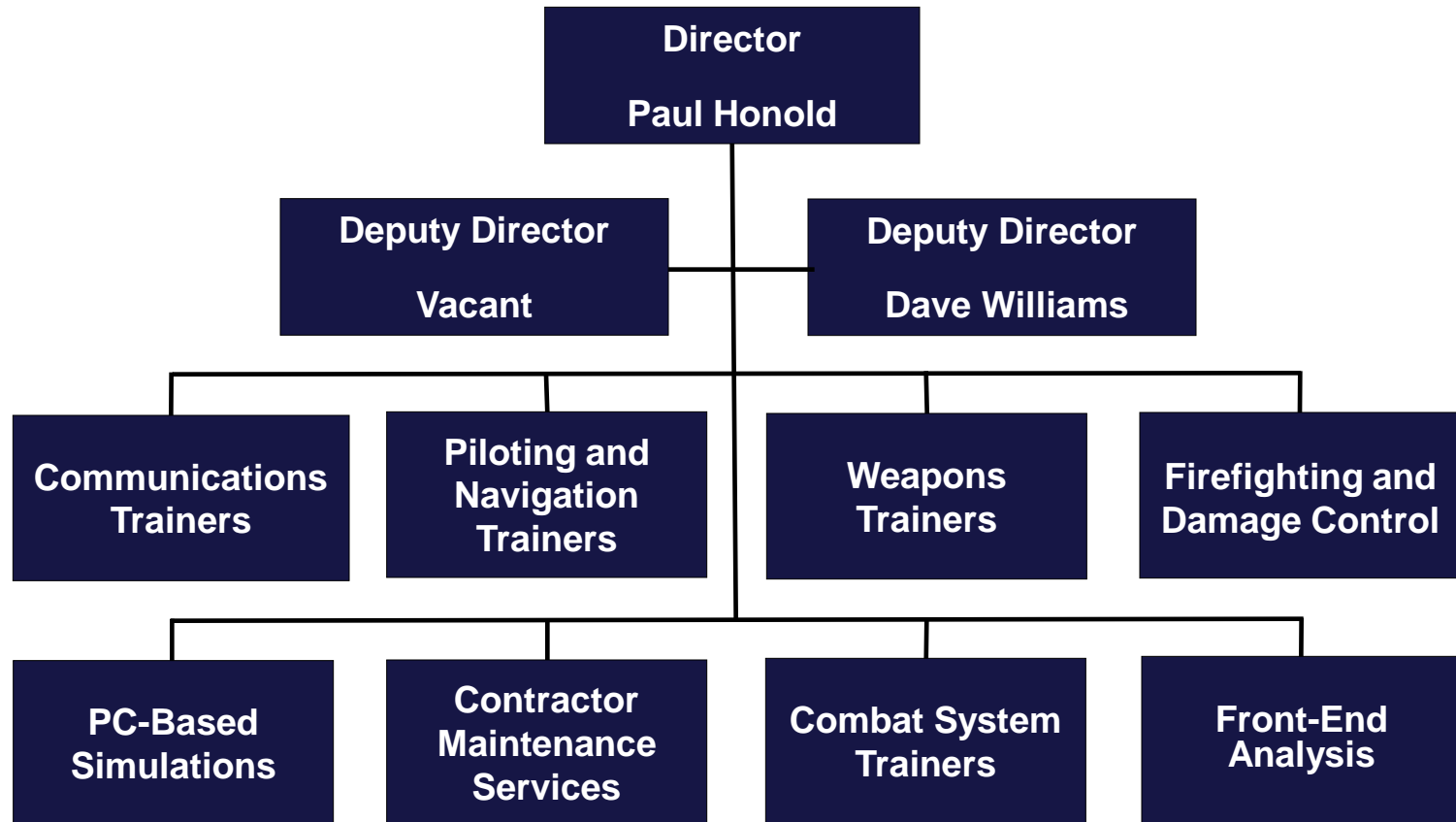
**Paul Honold**

Director, Undersea Program





# Undersea Program Organization





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- The PCO is your source for the most current information



# SubSkillsNet/VISIT

## Description/Summary of Program Requirements

- Provide new and updated software for Submarine Skills-training Network and Virtual Interactive Shipboard Instructional Tour (VISIT). Applies to trainers at the Submarine Learning Center (SLC) Fleet Training Sites, including Legacy Submarine Multi-Mission Team Trainer, mini-Submarine Piloting and Navigation Trainer, Voyage Management System (VMS) Labs. SubSkillsNet is also part of the Submarine On-Board Training program. The contract will be available for non-Undersea users of SUBSKILLSNET and VISIT. Most work to be accomplished in a Government Lab. (Awarded 31 May 2012 )



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Alaskan Native Corporation 8(a)</li> <li>• ID/IQ</li> </ul>	<ul style="list-style-type: none"> <li>• Five Years – 60 Months</li> </ul>	2nd Qtr FY 12  RFP Release	3 <sup>rd</sup> Qtr FY12  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, Code 1362 Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> <li>• Type: Various depending on task &amp; sponsor</li> <li>• Projected \$11M total over 5 year period</li> </ul>	<ul style="list-style-type: none"> <li>• N61339-06-D-0017</li> <li>• Incumbent – Symvionics</li> </ul>	



# Multi-Reconfigurable Training System

## Description/Summary of Program Requirements

- Provide new and updated software and hardware used for the Multi-Reconfigurable Training System (MRTS) family of trainers. Applies to trainers at the Submarine Learning Center (SLC) training sites, including Common Submarine Radio Room (operator & maintenance), Submarine Communications Support System, Weapons Launch Console Team Trainer, and other similar systems. The contract will be available for non-Undersea users of MRTS. Most work to be accomplished in a Government Lab, although lab may be located at contractor facility.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Planned new ID/IQ contract vehicle with individual delivery orders as requirements dictate</li> <li>• Lab Space</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any 4 one-year options</li> </ul>	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, Code 1362 Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> <li>• Type: Various depending on task &amp; sponsor</li> </ul>	<ul style="list-style-type: none"> <li>• Currently using existing Seaport contract (N00178-05-D-4409, HT03) for most requirements</li> </ul>	



# Navigation Trainer Updates

## Description/Summary of Program Requirements

- Provide software updates and harbor databases to Navigation trainers at SLC fleet training sites. These trainers include the Submarine Piloting and Navigation (SPAN) trainers, Reconfigurable SPAN, and Virtual Environment Submarine (VESUB).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Sole Source, ID/IQ</li> <li>• CSC</li> </ul>	<ul style="list-style-type: none"> <li>• Task Specific</li> </ul>	2 <sup>nd</sup> Qtr FY12  RFP Release	4 <sup>th</sup> Qtr FY12  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, Code 1362 Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> <li>• Type: Various depending on task &amp; sponsor</li> <li>• Projected up to \$8M total over 5 year period</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	







# Undersea Training Devices

## Description/Summary of Program Requirements

- Provide new trainers or modifications to trainers at SLC fleet training sites. These trainers include Damage Control Trainers (DCTs), Firefighting Trainers (FFTs), Weapons Trainers, Hull/Mechanical/Electrical trainers, and other tasks as directed by our program sponsors. Significant updates or replacement are required to DCTs and FFTs due to their current age.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III or stand-alone acquisition depending on the task</li> </ul>	<ul style="list-style-type: none"> <li>• Task Specific</li> </ul>	TBD  RFP Release	TBD  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, Code 1362 Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> <li>• Type: Various depending on task &amp; sponsor</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	

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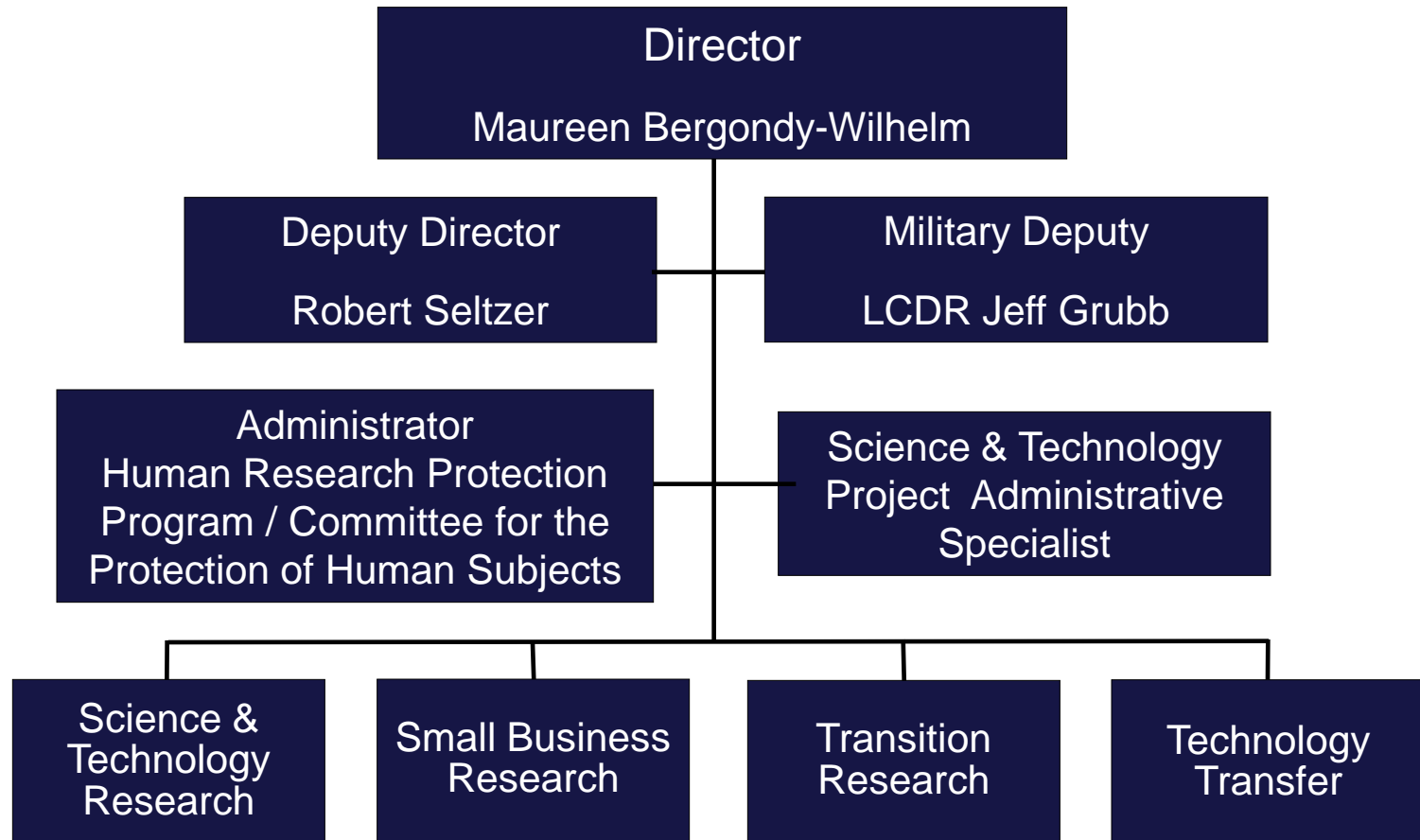


**Maureen Bergondy-Wilhelm**

Director, Research & Technology Program Office



# R&T Program Office (4.6T)





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- The PCO is your source for the most current information



## NAWCTSD Research Portfolio

- Office of Naval Research Science & Technology (6.1 – 6.3)
  - Basic Research (In-house and Academia)
  - Applied Research
  - Advanced Development
- Navy Demonstrations and Validation Research (6.4-6.7)
- 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

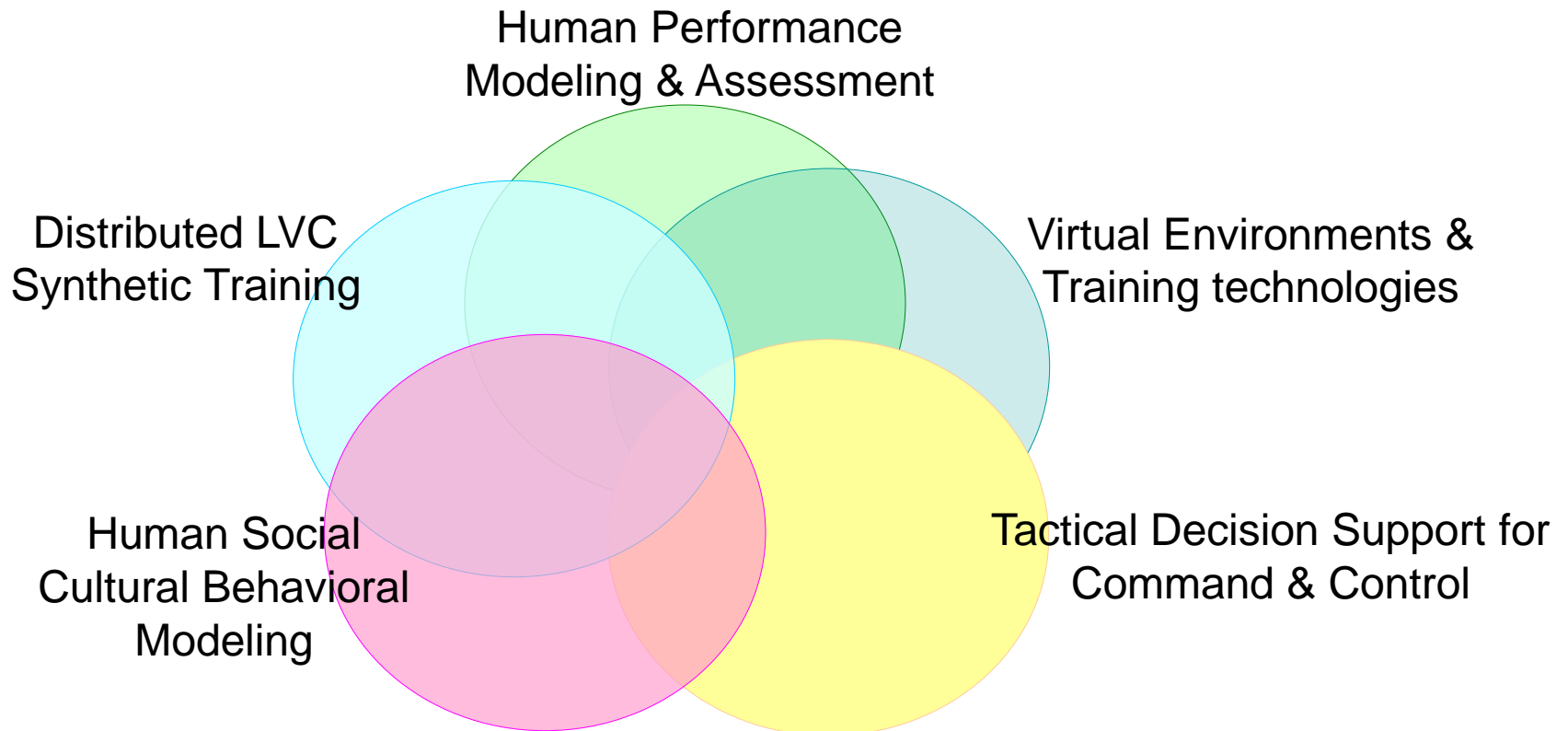
NAWCTSD is a R&D Performer and Partners with Industry on Proposals and Subsequent Research Efforts



# S&T Focus Areas

## 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





# SBIR Opportunities

## Description/Summary of Program Requirements

- Large businesses can partner w/small businesses
  - Phase I (1<sup>st</sup> yr): Scope problem & detail innovative solution (\$150K)
  - Phase II (2<sup>nd</sup>-3<sup>rd</sup> yrs): Develop prototype, test & evaluate (\$1M)
  - Phase III (thereafter): Further R&D dev. / Acq. transition (Gov't sole source)
  - 3 SBIR solicitations per year (24 MAY 2012, 26 JUL 2012 and 9 NOV 2012)
- Current Solicitation (12.2)/RFP open until: 27 Jun 12
- Next Solicitation (12.3) Pre-Release Opens: 26 Jul 12 – Closes: 26 Sep 12

### ACQUISITION STRATEGY

- Phase I: Firm Fixed Price
- Phase II: Cost Plus Fixed Fee
- Phase III: TBD

### PERIOD OF PERFORMANCE

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

### MILESTONES



### POINT OF CONTACT

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

### FUNDING

- Year 1 RDT&E \$150K
- Year 2-3 RDT&E \$1M (Total)
- Year 4+ Non-SBIR \$s; No Limit/No. Competition Required

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

- TBD – Up to 2 awards planned/topic

See <http://www.dodsbir.net> and <http://www.navysbir.com>





# SBIR 12.2 M&S and Training Proposal Solicitations

## **Junctional and Non-Compressible Hemorrhage Control Training Sys. (DHP12-001)**

To develop a simulation-based training system to assist in teaching and training junctional and non-compressible hemorrhage control. The primary target is existing DOD military medical special operations training programs, The training audience is “soon-to-be-deployed” medics.

## **Integrated Sensor Technology into Synthetic Anatomical Training Models for Objective User’s Performance Measurement (DHP12-002)**

Integrate advanced sensor technology into synthetic mannequins to facilitate objective measurement of user metrics during both training and education activities. Demonstrate the ability to detect several different parameters including (no particular order) 1) force(s) exerted on the tissue, 2) direction(s) the force(s) applied, 3) cutting or tearing of tissue(s), and 4) forces for approximation of tissue.

## **Anatomic 3D Synthetic Tissue Printer for Medical Training (DHP12-003)**

Create a multi-substrate 3D printer with the ability to render high-fidelity anatomically accurate synthetic physical tissue models that can be used for anatomy, trauma and surgical training purposes. It is desired that such simulated tissue consist of multiple substances with varying physical properties, so that bone, muscle, vessels, skin and adipose or organ tissue can be simulated.

DoD 12.2 Solicitation Opened: 24 Apr 12 Closes: 27 Jun 12

Topics for DoD 12.3 are under review

<http://www.dodsbir.net>



# STTR Opportunities

## Description/Summary of Program Requirements

- **Small business req'd to team with research institution (non-Gov't)**
  - Phase 1 (1<sup>st</sup> yr): Scope problem & detail innovative solution (\$100K)
  - Phase II (2<sup>nd</sup>-3<sup>rd</sup> yrs): Develop prototype, test & evaluate (\$750K)
  - Phase III (thereafter): Further R&D dev. / Acq. transition (Gov't sole source)
  - Large businesses can partner w/small businesses (for PIII)
- **2 STTR solicitations per year (27 Aug 12 and 27 Feb 13)**
- **Next Solicitation (12.B) RFP Opens: 27 Aug 12 – Closes: 26 Sep 12**

### ACQUISITION STRATEGY

- Phase I: Firm Fixed Price
- Phase II: Cost Plus Fixed Fee
- Phase III: TBD

### PERIOD OF PERFORMANCE

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

### MILESTONES

#### 12.B Solicitation Milestones



### POINT OF CONTACT

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

### FUNDING

- Year 1 RDT&E \$100K
- Year 2-3 RDT&E \$750K (Total)
- Year 4+ Non-SBIR \$s; No Limit/No. Competition Required

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

- TBD – Up to 2 awards planned/topic

See <http://www.dodsbir.net> and <http://www.navysbir.com>



## Emerging Demands & Areas of Research

- Live, Virtual & Constructive (LVC) Training Fidelity
  - Cognitive & Fidelity Synthetic Environment
  - Tactics & Speech Capable Semi-automated Forces
  - Virtual-Constructive Representation on Live Avionics Displays
- Unmanned Systems (UxS) Methodology
  - UASISIT (FY14)
- Medical M&S for Training
- Physiological/Neurophysiological Assessment to Improve Training
- Virtual Environments & Technologies for Training
  - Visual & Haptic Enhancements
  - Gaming Technologies
  - Virtual Worlds



# How to Participate in NAWCTSD Research?

- Share information on your IRAD Program
- Respond to SBIR/STTR Solicitations
  - Small Business – Large Business Partnering
- Pursue Cooperative Research and Development Agreements (CRADAs) with NAWCTSD
- Communicate & Partner on Joint Proposals
  - If successful w/joint proposals several contract vehicle options available:
    - SBIR PIII
    - NAWCTSD R&D Broad Agency Announcement (S&T projects only)
    - ONR/DoD/funding agency contracting

## Research & Technology Program Office POCs

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407-380-4777

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NAWCTSD



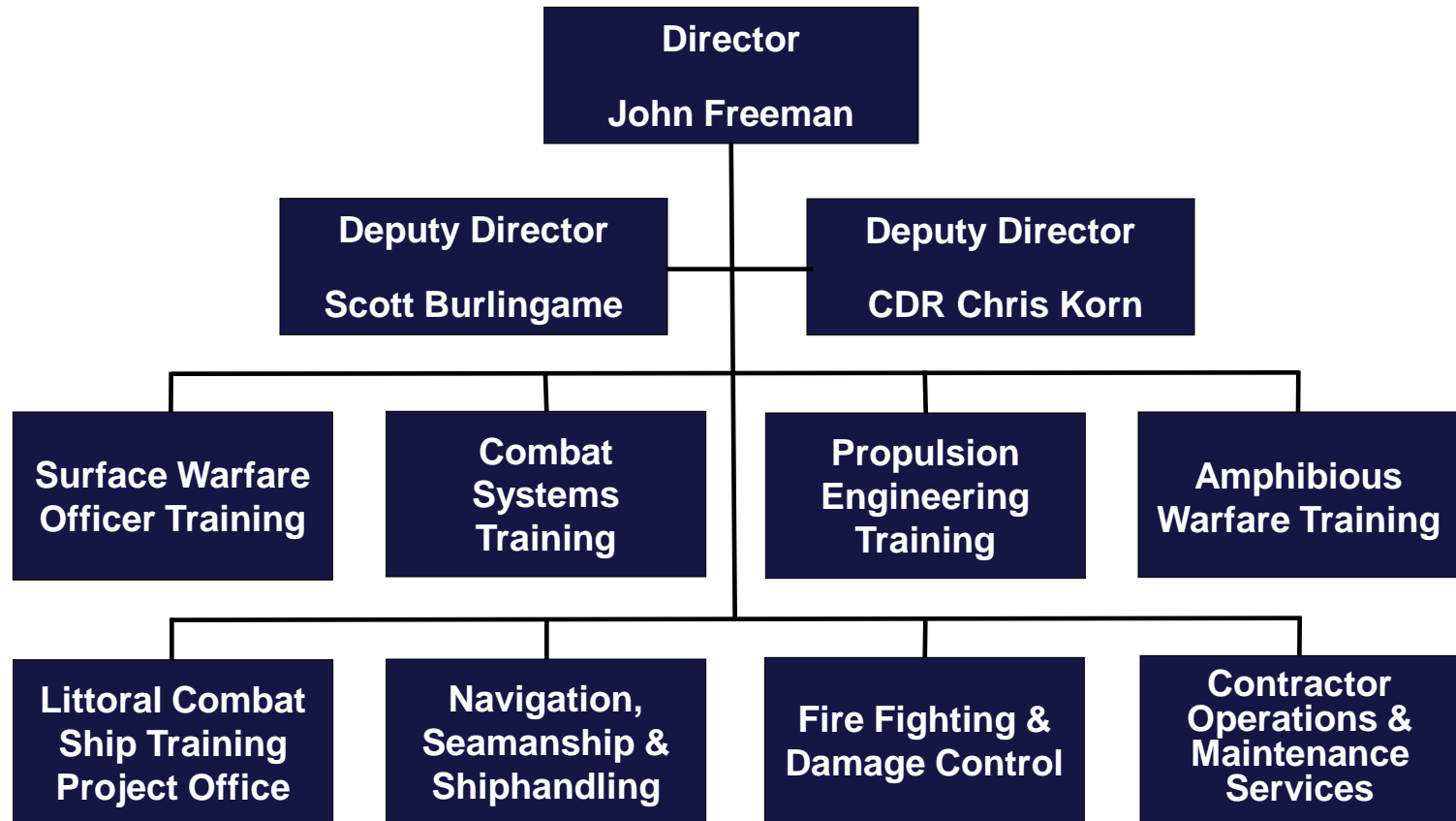
**John L. Freeman**

Director, Surface and Expeditionary Warfare Programs





# Surface & Expeditionary Warfare Organization





# 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
- The PCO is your source for the most current information







# AEGIS Ashore Team Trainer (AATT)

## Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver Device 20F27, AEGIS Ashore Team Trainer (AATT) to support AEGIS Ashore Missile Defense System (AAMDS), watchteam qualification and certification. The team is currently focused on proposal evaluation and contract award.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Sole source, Lockheed Martin (LM) Mission Systems &amp; Sensors (MS2)</li> </ul>	<ul style="list-style-type: none"> <li>• 24 months (estimated)</li> </ul>	3 <sup>rd</sup> Qtr FY 12  RFP Released	1 <sup>st</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$44.1M FY13/14 (estimate, cumulative )</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Navigation, Seamanship, & Shiphandling (NSS)

## Description/Summary of Program Requirements

- Utilize TSC III delivery orders to contract for installation, analysis, design, development, modifications, upgrades and in-service support of NSS Trainers including Conning Officer Virtual Environment (COVE) family of training systems.
- Technical Refresh
- New COVE installations/configurations
- Equipment/software modifications/upgrades
- Support



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Multiple Delivery Orders throughout ordering period</li> </ul>	1 <sup>st</sup> Qtr FY 13  RFP Release	2 <sup>nd</sup> Qtr FY 13  Contract Award <small>*anticipated first delivery order</small>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$12.4M (estimate, cumulative )</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Science Corp (CSC) Advanced Marine Center (AMC)</li> </ul>	



# Navigation, Seamanship, & Shiphandling (NSS)

## Description/Summary of Program Requirements

- Leverage the Conning Officer Virtual Environment (COVE) software baseline to design, develop, integrate, test and deliver a Full Mission Bridge (FMB) trainer for the DDG-1000 Zumwalt Class.
- The team is currently focused on engineering analysis, requirements definition and final acquisition strategy development.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• 24 months (estimated)</li> </ul>	3 <sup>rd</sup> Qtr FY 13  RFP Release	2 <sup>nd</sup> Qtr FY 14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$5.0M (estimated)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Computer Science Corp (CSC) Advanced Marine Center (AMC)</li> </ul>	



# Landing Craft Air Cushion (LCAC)

## Description/Summary of Program Requirements

- LCAC Full Mission Trainers (FMT), Expeditionary Warfare Training Group Atlantic (EWTGLANT) and Expeditionary Warfare Training Group Pacific (EWTGPAC).
- Block Cycle 5 Maintenance Release 1 Upgrade, Control Alarm and Monitoring System functionality improvements.
- Display Projection and Image Generation system upgrades to improve brightness, resolution and reliability.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• BC5 MR1: Sole Source, DiSTI</li> <li>• Display: TSC III (FY14 RFP)</li> </ul>	<ul style="list-style-type: none"> <li>• BC5 MR1 - 12 months (estimated)</li> <li>• Display - 12 months (estimated)</li> </ul>	3 <sup>rd</sup> Qtr FY 12  RFP Release (BC5 MR1)	4 <sup>th</sup> Qtr FY 12  Contract Award (BC5 MR1)
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• BC5 MR1 – \$350K (estimated)</li> <li>• Display – \$1.6M (estimated)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Lockheed Martin GTL (formerly Unitech)</li> <li>• Display OEM: VDC Display Systems</li> </ul>	



# Electronic Warfare Team Trainer (EWTT)

## Description/Summary of Program Requirements

- Develop reconfigurable operations trainer to replicate DDG, CG, LPD, LSD, LHD and CV EW module functionality in support of individual and watch team training.
- Trainer to consist of EW Console Operator (EWCO) & EW Supervisor (EWS) AEGIS/NTDS/SSDS consoles and all ancillary equipment.
- Trainer to be delivered to Electronic Warfare Technical Guidance Unit Norfolk and San Diego.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• 24 -30 months (estimated, all options)</li> </ul>	1 <sup>st</sup> Qtr FY 14  RFP Release	3 <sup>rd</sup> Qtr FY 14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$9.9M (estimated, all options)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Contractor Instructional Services

## Description/Summary of Program Requirements

- Contractor Instructional Services (CIS) to support various Engineering courses of instruction in San Diego CA, Great Lakes, IL and Norfolk, VA.
- Intent is a performance based contract wherein contract structure may allow for monetary penalties when performance metrics are not achieved. Performance metrics are currently in development.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Competitive, Small Business Set-Aside</li> </ul>	<ul style="list-style-type: none"> <li>• Base year with 4 option years</li> </ul>	1 <sup>st</sup> Qtr FY 13  RFP Release	2 <sup>nd</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$4.2M base year estimate, ~\$22M 5 year cumulative</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• San Diego Community College</li> <li>• Florida State College (Jacksonville, FL)</li> <li>• Maritime Institute, Inc.</li> </ul>	



# PORTS MMTT Tech Refresh

## Description/Summary of Program Requirements

- Develop baseline software packages for the different system types (trainer server / acoustic server / workstation) based on existing PORTS requirements and software, Information Assurance (IA) harden the systems, deploy hardened images to multiple sites on new hardware, assist with old hardware disposal, and update procedures / documentation
- PC-based Open-architecture for Reconfigurable Training Systems (PORTS) Multi-Mission Tactical Trainer (MMTT)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• PORTS ID/IQC Delivery Order</li> </ul>	<ul style="list-style-type: none"> <li>• 5 months (estimated)</li> </ul>	1 <sup>st</sup> Qtr FY 13  RFP Release	2 <sup>nd</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$0.9M (estimated)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Northrop Grumman Information Systems</li> </ul>	







# PORTS LCS Mission Modules

## Description/Summary of Program Requirements

- Develop simulations of the Mine Warfare (MIW), Surface Warfare (SUW), and Anti-Submarine Warfare (ASW) mission modules with associated support systems
- Develop networked Mission Control Center (MCC) / Integrated Control Center (ICC) 2 mission module console mockups for both LCS hull types
- PC-based Open-architecture for Reconfigurable Training Systems (PORTS)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• PORTS ID/IQC Delivery Order</li> </ul>	<ul style="list-style-type: none"> <li>• 12-24 months each</li> </ul>	2 <sup>nd</sup> Qtr FY 13  RFP Release	3 <sup>rd</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$4.5M (estimated)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Northrop Grumman Information Systems</li> </ul>	



# PORTS LCS Seaframe Combat Systems

## Description/Summary of Program Requirements

- Develop simulations of Tactical Action Officer (TAO) mode / role of the LCS-1 (FREEDOM) and LCS-2 (INDEPENDENCE) core combat systems and associated support systems
- Develop networked Mission Control Center (MCC) / Integrated Control Center (ICC) 1 console mockups for both LCS hull types
- PC-based Open-architecture for Reconfigurable Training Systems (PORTS)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• PORTS ID/IQC Delivery Order</li> </ul>	<ul style="list-style-type: none"> <li>• 36 months</li> </ul>	2 <sup>nd</sup> Qtr FY 13  RFP Release	3 <sup>rd</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$5.5M (estimated)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Northrop Grumman Information Systems</li> </ul>	



# LCS Immersive Virtual Ship Environment Courseware Development

## Description/Summary of Program Requirements

- To provide Virtual On-the-Job Training where the crew member must report onboard with knowledge, skills, and abilities (KSA) to immediately and competently perform tasks associated with a specific shipboard watch station or position without further onboard training representative of the “Train to Qualify/Train to Certify” construct.
- Approximately 3,500 courseware hours to support each of the LCS Variants and the Mission Packages. This unique Surface Warfare training requirement necessitates a development effort to deliver training in a multi-person, game-engine based, virtual world shipboard training environment.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Full &amp; Open Competition</li> <li>• One solicitation, three separate single award ID/IQ contracts</li> </ul>	<ul style="list-style-type: none"> <li>• Base year with 4 option years for each of the three contracts</li> </ul>	2 <sup>nd</sup> Qtr FY 12  RFP Released	4 <sup>th</sup> Qtr FY 12  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• Each contract ceiling established at \$99.5M</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# LCS Mission Bay Trainer (MBT)

## Description/Summary of Program Requirements

- Provide training device solutions for Mission Bay areas of both LCS variants at San Diego, CA and Mayport ,FL LCS Training Facilities
- Procure LCS 1 & 2 Variant Mission Bay Training (MBT) Devices & Special Purpose Training Areas
- Operational Equipment / TTE (Many & Various)
- Haptic Devices (~18), Mission Module Part Task Trainers and Mass Models (~29)
- Simulators (~5)
- Brief & Debrief Rooms (3)
- LCS-1 & LCS-2 Practice areas (2)
- Safety, Observation, and Control (SOC) Area (1)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 5 years (both locations, Initial Operational Capability/Full Operational Capability)</li> </ul>	1 <sup>st</sup> Qtr FY 13  RFP Release	3 <sup>rd</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• FY13 \$24M / FY14 \$15M (estimated)</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# LCS Contractor Operations & Maintenance Support (COMS)

## Description/Summary of Program Requirements

- Performance-based services contract that will initially provide for operations & maintenance of the LCS 1 & 2 Shore Based Trainers (SBT) located at the LCS Training Facility (LTF), San Diego, CA.
- Contract performance metrics includes time factor to respond to service calls and time to repair. Contract structure allows for monetary penalties when performance metrics are not achieved. The desired outcome is 95% trainer availability (minimum) of both LCS SBTs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• FTSS III</li> </ul>	<ul style="list-style-type: none"> <li>• Base year with 4 option years</li> </ul>	3 <sup>rd</sup> Qtr FY 13  RFP Release	4 <sup>th</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: John Freeman Organization: NAWCTSD, Surface Phone: 407-380-4029 Email: john.l.freeman@navy.mil	<ul style="list-style-type: none"> <li>• \$1.25M base year estimate, ~\$18M 5 year cumulative</li> <li>• Anticipate substantial growth across the FYDP</li> <li>• Funding dependent on out year budget stability</li> </ul>	<ul style="list-style-type: none"> <li>• Lockheed Martin (LM) Mission Systems &amp; Sensors (MS2)</li> </ul>	

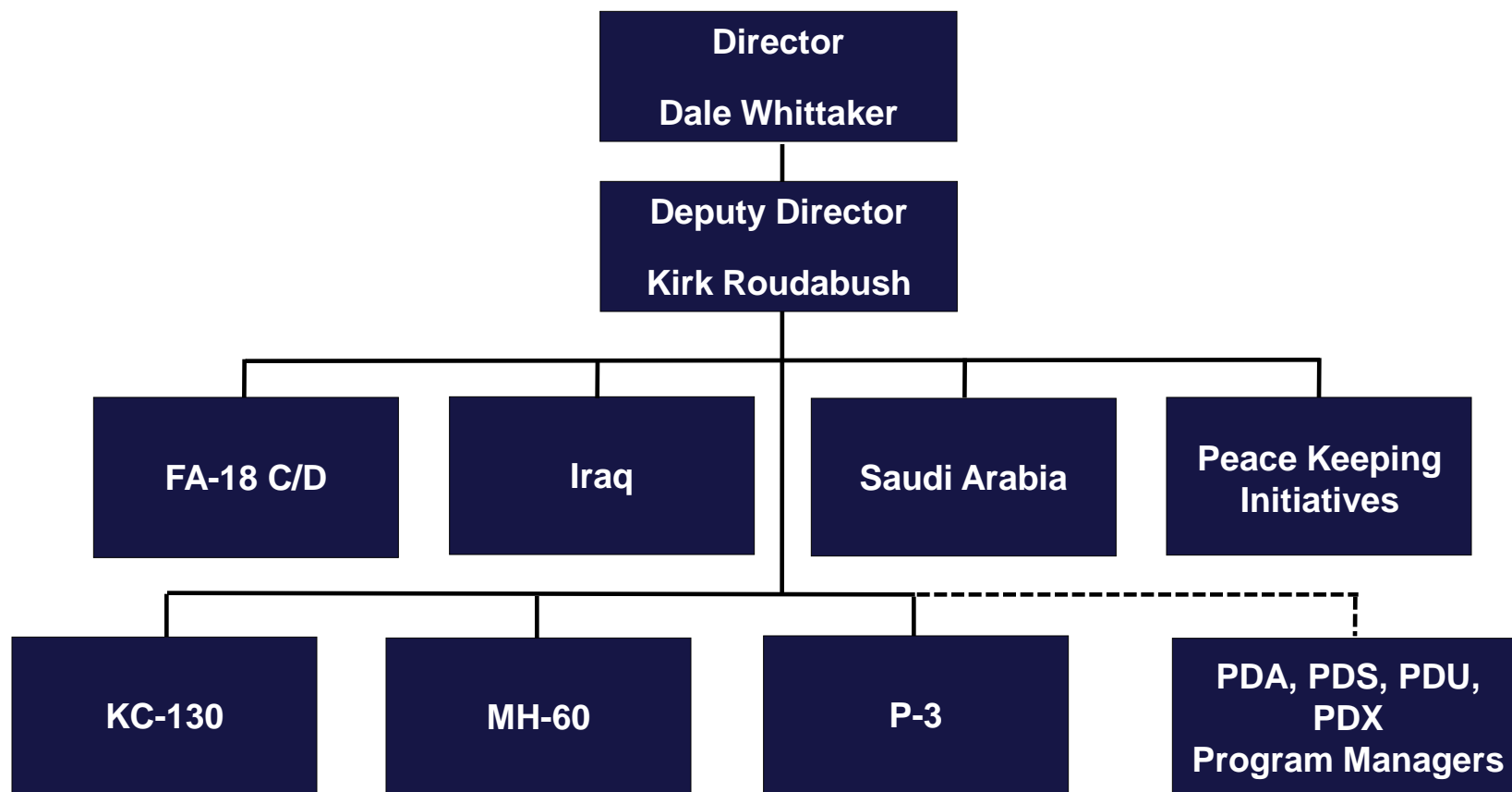
NAWCTSD



**Dale Whittaker**  
Director, International Programs



# International 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
- The PCO is your source for the most current information







# Canada FA-18 TOFT Upgrade

## Description/Summary of Program Requirements

- Modifications to the existing FA-18 Canada Training System procurement includes;
  1. Visual Data Base (VDB) System for Phase II,
  2. Phase II of Advanced Distributed Combat Training System (ADCTS) hardware and software procurements.
- VDB will consist of airfield and surrounding areas for Tactical Operational Flight Trainers (TOFT's). Phase II will consist of additional enhancements to the TOFT data base.
- Upgrades will be performed on eight trainers at three locations.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Directed Sole Source L3 Com</li> <li>• Single award contact modifications</li> </ul>	<ul style="list-style-type: none"> <li>• 24 Months</li> </ul>	3 <sup>rd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$22M</li> </ul>	<ul style="list-style-type: none"> <li>• Contact N61340-11-C-0017</li> <li>• L3 Com.</li> </ul>	



# Malaysia FA-18 TOFT Upgrade

## Description/Summary of Program Requirements

- Modifications to the existing FA-18 Malaysia Training System procurement includes;
  1. Visual Data Base (VDB) System,
  2. Aircraft Operational Flight Program (OFP) 25X software upgrade.
- VDB will consist of airfield and surrounding areas for Tactical Operational Flight Trainers (TOFT's).
- The 25X OFP upgrade will consist of enhancements to the TOFT data base.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Directed Sole Source L3 Com.</li> </ul>	<ul style="list-style-type: none"> <li>• 24 Months</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	2 <sup>nd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$6M</li> </ul>	<ul style="list-style-type: none"> <li>• Contact N61340-12-C-0006</li> <li>• L3 Com</li> </ul>	



# Kuwait FA-18 Computer Based Training

## Description/Summary of Program Requirements

- Upgrade FA-18 Computer Based Training Courseware for Pilots
- Upgrade FA-18 Flight Instruction Courseware from 15C(K) to 23X(K) for Kuwait Air Force
- Training Needs Analysis and development of course upgrade for Kuwait Air Force Pilots.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Open competition</li> <li>• TDPC</li> </ul>	<ul style="list-style-type: none"> <li>• 18 Months</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$1.5M</li> </ul>	<ul style="list-style-type: none"> <li>• Existing 15 C (K) courseware was developed by GDIT</li> </ul>	



# Kuwait KC-130J – Instructors

## Description/Summary of Program Requirements

- Aircrew and Maintenance Instructors for the Kuwait KC-130J
- Kuwait Air Force is purchasing three (3) KC-130J aircraft and require conversion training for aircrew.
- Aircrew and Maintenance instructors will be required to train Kuwait Air Force personnel in the US and Kuwait.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Sole Source to ATC, LLC</li> <li>• Single award</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus two option years</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$8-10M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Japan KC-130 Aircrew and Maintenance Training

## Description/Summary of Program Requirements

- Japan Navy aircrew and maintenance personnel require training for the C-130 aircraft
- Japan Navy is purchasing three (3) C-130 aircraft and require conversion training for aircrew and maintenance.
- Aircrew and Maintenance instructors will be required to train Japanese Navy personnel in the US and Japan.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Sole Source to CAE, USA</li> </ul>	<ul style="list-style-type: none"> <li>• 18 months</li> </ul>	4 <sup>th</sup> Qtr FY12  RFP Release	1 <sup>st</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$3-5M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Taiwan P-3C Operational Flight Trainer (OFT) and Weapons System Trainer (WST)

## Description/Summary of Program Requirements

- Taiwan P-3C Operational Flight Trainer (OFT) and Weapons System Trainer (WST) Engineering Change Process (ECP) and Contractor Logistics Support (CLS)
- NAWCTSD to provide additional software & hardware modification and lifecycle sustainment in support of the Taiwan Navy OFT/WST Team Trainers.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Sole Source to CAE, USA</li> <li>• TSC III Exemption Fair Opportunity (EFO)</li> </ul>	<ul style="list-style-type: none"> <li>• ECP 12-18 Months</li> <li>• CLS 24 Months</li> </ul>	3 <sup>rd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$3.5M</li> </ul>		<ul style="list-style-type: none"> <li>• Current contract – TSCII</li> <li>• CAE, USA</li> </ul>



# 14A12J Single Ship ASW Team Trainer (JMSTDF)

## Description/Summary of Program Requirements

- Japan Surface Anti-Submarine Warfare (ASW) Team Trainer Lifecycle Support
- Provide ongoing lifecycle and sustainment support of the existing 14A12J Single Ship ASW Team Trainer. Software & Hardware modernization, obsolescence mitigation, logistical documentation support and sparing.
- Existing software & hardware trouble reports are collected and prioritized by Japan



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Single award IDIQ</li> <li>• Sole source 8(a) direct award</li> </ul>	<ul style="list-style-type: none"> <li>• 5 year IDIQ</li> </ul>	3 <sup>rd</sup> Qtr FY12  RFP Release	4 <sup>th</sup> Qtr FY12  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$600K Annually</li> <li>• Ceiling ~ \$3M</li> </ul>	<ul style="list-style-type: none"> <li>• MES Inc.</li> </ul>	



# Iraq Offshore Support Vessel (OSV)

## Description/Summary of Program Requirements

- Modification to existing Iraq 60M Offshore Support Vessel (OSV) Training System procurement to include a 30 Day Underway Training .
- Training on damage control, navigation, underway vertical replenishment, weapons, and general watch standing procedures. The training will be conducted in Louisiana.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Sole Source to VSD</li> </ul>	<ul style="list-style-type: none"> <li>• 30 Days</li> </ul>	3 <sup>rd</sup> Qtr FY12  RFP Release	4 <sup>th</sup> Qtr FY12  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$2.5M</li> </ul>	<ul style="list-style-type: none"> <li>• Contact N61339-10-C-0047</li> <li>• VSD</li> </ul>	







# Global Peace Operations Initiative Program

## Description/Summary of Program Requirements

- Effort is in support of the Global Peace Operations Initiative Program. This is a State Department funded program which is a follow-on to EIPC and is focused on regions vice individual countries with the intent to assist in capacity building for a variety of participants who support the UN Peacekeeping missions worldwide.
- Requirements include: assisting in site surveys to determine and validate requirements; procurement of classroom type equipment (computers, servers, language labs, printers, etc); prep for and ship (as required) to the site; conduct site installation and training/support as required.
- Countries/sites include, but are not limited to: Nepal, Thailand, Ukraine, Philippines, Uzbekistan, Uruguay



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>A MAC via an ANC or SDVOB</p>	<ul style="list-style-type: none"> <li>• 18 Months</li> </ul>	<p>2<sup>nd</sup> Qtr FY13</p>  <p>RFP Release</p>	<p>4<sup>th</sup> Qtr FY13</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Dale Whittaker            Organization: NAWCTSD, International            Phone: 407-381-8648            Email: dale.whittaker@navy.mil</p>	<ul style="list-style-type: none"> <li>• \$10M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Australia H-60 TOFT's

## Description/Summary of Program Requirements

- Procure two H-60 Tactical Operational Flight Trainers for the Royal Australian Navy.
- These training devices are necessary to establish the Purchaser's impending MH-60R training program
- The TOFT will be a full motion based training device



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Directed Sole Source CAE</li> </ul>	<ul style="list-style-type: none"> <li>• 30 Months</li> </ul>	3 <sup>rd</sup> Qtr FY12  RFP Release	1 <sup>st</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$45M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Australia H-60 AMT/WLT

## Description/Summary of Program Requirements

- Procure an Avionics Maintenance Trainer (AMT) / Weapon's Load Trainer (WLT) for the Royal Australian Navy.
- The requirements are for a combined AMT/WLT in a single trainer.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Directed Sole Source CAE</li> </ul>	<ul style="list-style-type: none"> <li>• 27 Months</li> </ul>	4 <sup>th</sup> Qtr FY12  RFP Release	2 <sup>nd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$12M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Australia H-60 CMT/UMPTT/RMPTT, RCT and Relocate LSO

## Description/Summary of Program Requirements

- Procure a Composite Maintenance Trainer (CMT) / Undercarriage Maintenance Part Task Trainer (UMPTT) / RAST-Hoist Maintenance Part Task Trainer (RMPTT).
- The requirements are for a combined CMT/UMPTT/RMPTT.
- Procure a Rear Crew Trainer for the Royal Australian Navy.
- Relocate existing Landing Signal Officer (LSO) Part Task Trainer.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Directed Sole Source CAE</li> </ul>	<ul style="list-style-type: none"> <li>• 39 Months</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Dale Whittaker Organization: NAWCTSD, International Phone: 407-381-8648 Email: dale.whittaker@navy.mil	<ul style="list-style-type: none"> <li>• \$39M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	

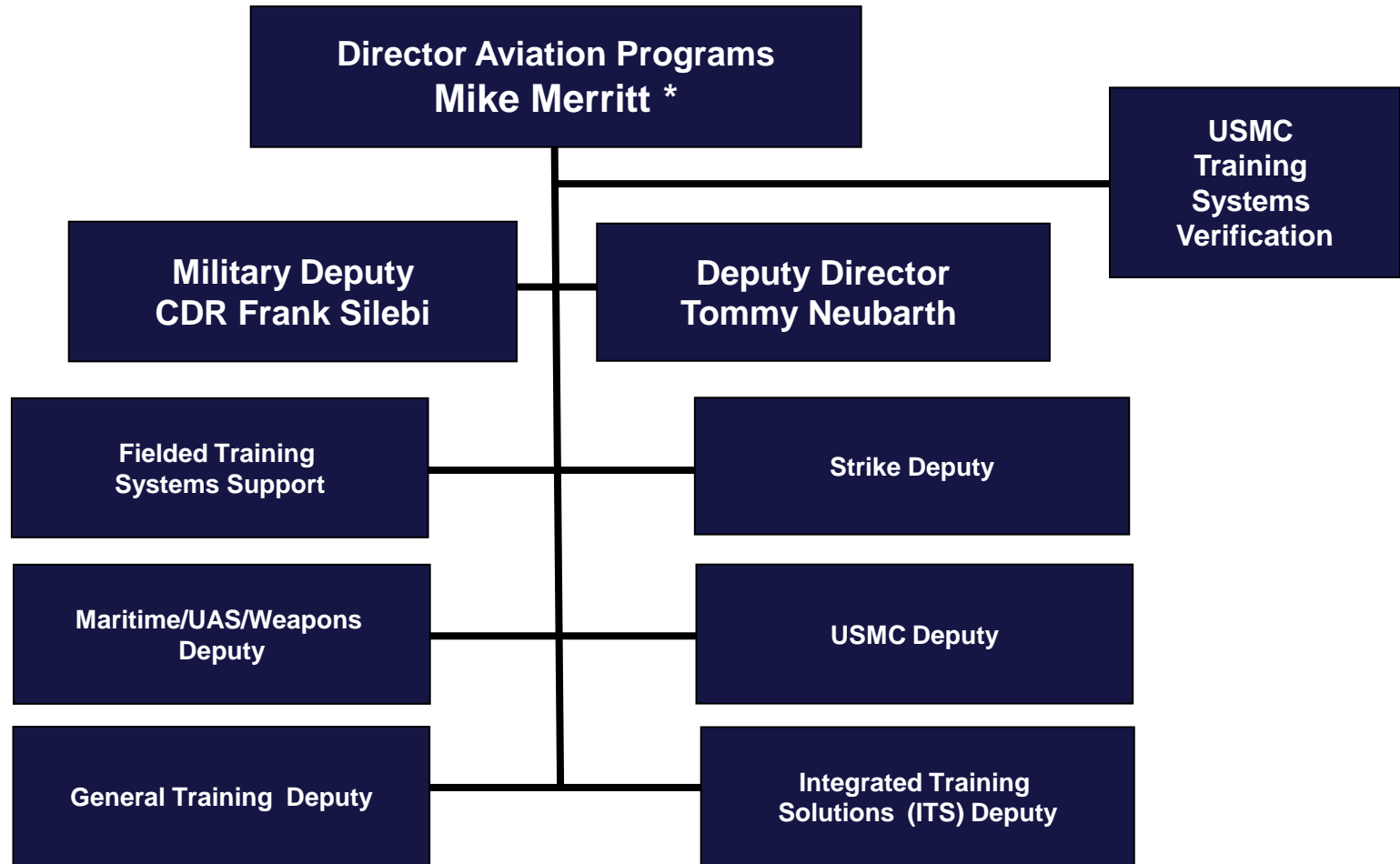
NAWCTSD



**Mike Merritt**  
Director, Aviation Programs



# Aviation Program Directorate



*\* Program Director Aviation (PDA)  
PMA-205TD DPM(TS)*



# Aviation Program Directorate

## Description/Summary of Program Requirements

- Fielded Trainings Systems Support (FTSS) / 23 Programs
  - Contractor Operations and Maintenance (COMS)
  - Contractor Instructional Services (CIS)
  - Command Aircraft Crew Training (CACT)
  - Instructional Systems Development (ISD)
- General Aviation / 2 Programs
- Maritime and Patrol / 3 Programs
- USMC / 11 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
- The PCO is your source for the most current information











# NATTC COMS

## Description/Summary of Program Requirements

- Contractor Operations and Maintenance Services (COMS) on behalf of the Chief of Naval Air Technical Training (CNATT) for the Naval Aviation Technical Training Center (NATTC) to support training devices located at NAS Pensacola, FL, and NAES Lakehurst, NJ.



<p><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• Task Order under the FTSS III SBSA MAC</li> </ul>	<p><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)             <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	<p><b>MILESTONES</b></p> <table border="0"> <tr> <td style="text-align: center;">4<sup>th</sup> Qtr FY12</td> <td style="text-align: center;">2<sup>nd</sup> Qtr FY13</td> </tr> <tr> <td style="text-align: center;"></td> <td style="text-align: center;"></td> </tr> <tr> <td style="text-align: center;">RFP Release</td> <td style="text-align: center;">Contract Award</td> </tr> </table>	4 <sup>th</sup> Qtr FY12	2 <sup>nd</sup> Qtr FY13			RFP Release	Contract Award
4 <sup>th</sup> Qtr FY12	2 <sup>nd</sup> Qtr FY13							
								
RFP Release	Contract Award							
<p><b>POINT OF CONTACT</b></p> <p>Name: Mike Merritt          Organization: NAWCTSD, Aviation          Phone: 407 380-4595          Email: mike.merritt@navy.mil</p>	<p><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• Estimated at \$10M-\$20M</li> </ul>	<p><b>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</b></p> <ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – ProActive</li> </ul>						



# CNATRA CIS

## Description/Summary of Program Requirements

- Contract Instructional Services (CIS) on behalf of Chief of Naval Air Training (CNATRA) to support the Naval Air Training Command's Undergraduate Flight Training instructional requirements for multi-service Aviator and Flight Officer students at NAS Corpus Christi and NAS Kingsville, TX, NAS Whiting Field and NAS Pensacola, FL, and NAS Meridian, MS.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Task Order under the FTSS III Unrestricted MAC</li> </ul>	<ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)               <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	4 <sup>th</sup> Qtr FY12  RFP Release	2 <sup>nd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$140M</li> </ul>	<ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – Fidelity</li> </ul>	



# WESTPAC COMS/CIS

## Description/Summary of Program Requirements

- Contractor Operations and Maintenance Services (COMS) on behalf of the Commander, Naval Air Forces Pacific (AIRPAC) to support training devices located in the Western Pacific (WESTPAC) Area of Responsibility (MCAS Futenma, Okinawa, MCAS Iwakuni and NAF Atsugi, Japan).
- Contract Instructional Services (CIS) to support KC-130J instruction at MCAS Futenma







ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Task Order under the FTSS III Unrestricted MAC</li> </ul>	<ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)               <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$10M-\$15M</li> </ul>	<ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – CAE</li> </ul>	



# RESFOR COMS

## Description/Summary of Program Requirements

- Contractor Operations and Maintenance Services (COMS) on behalf of Commander, Naval Reserve Forces (RESFOR) to support training devices located at JBMDL (Joint Base Maguire/Ft. Dix/NAES Lakehurst), NAS Fallon, NV, NASJRB Fort Worth, TX, NASJRB New Orleans, LA, and NAS Key West, FL.



<p><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• Task Order under the FTSS III SBSA MAC</li> </ul>	<p><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)             <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	<p><b>MILESTONES</b></p> <table border="0"> <tr> <td data-bbox="1282 748 1566 1005"> <p>1<sup>st</sup> Qtr FY13</p>  <p>RFP Release</p> </td> <td data-bbox="1580 748 1856 1005"> <p>3<sup>rd</sup> Qtr FY13</p>  <p>Contract Award</p> </td> </tr> </table>		<p>1<sup>st</sup> Qtr FY13</p>  <p>RFP Release</p>	<p>3<sup>rd</sup> Qtr FY13</p>  <p>Contract Award</p>
<p>1<sup>st</sup> Qtr FY13</p>  <p>RFP Release</p>	<p>3<sup>rd</sup> Qtr FY13</p>  <p>Contract Award</p>				
<p><b>POINT OF CONTACT</b></p> <p>Name: Mike Merritt          Organization: NAWCTSD, Aviation          Phone: 407 380-4595          Email: mike.merritt@navy.mil</p>	<p><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• Estimated at \$12M-\$14M</li> </ul>	<p><b>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</b></p> <ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – LB&amp;B</li> </ul>			



# Navy Helicopter COMS/CIS

## Description/Summary of Program Requirements

- Contractor Operations and Maintenance Services (COMS) on behalf of AIRPAC, AIRLANT and CNATT to support Navy and Marine Corps Helicopter training devices located at NAS North Island, CA, NS Norfolk and MCB Quantico, VA, and NAS Jacksonville and NS Mayport, FL .
- Contract Instructional Services (CIS) on behalf of AIRPAC and AIRLANT to support Navy and Marine Corps Helicopter training at NAS North Island, CA, and MCB Quantico, VA



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Task Order under the FTSS III Unrestricted MAC</li> </ul>	<ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)               <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	1 <sup>st</sup> Qtr FY14  RFP Release	3 <sup>rd</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone:407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$50M-\$75M</li> </ul>	<ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – Fidelity</li> </ul>	



# DARTS/AAAT CIS

## Description/Summary of Program Requirements

- Contract Instructional Services (CIS) on behalf of AIRPAC and AIRLANT to support Diversified Aircrew Readiness Training System (DARTS) and All-sensor Advanced Analysis Training (AAAT) requirements at NAS North Island, CA, MCBH Kaneohe Bay, HI, NAS Whidbey Island, WA, and NAS Jacksonville and NS Mayport, FL.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Task Order under the FTSS III SBSA MAC</li> </ul>	<ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)               <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	3 <sup>rd</sup> Qtr FY14  RFP Release	1st Qtr FY 15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$9M-\$11M</li> </ul>	<ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – ESP</li> </ul>	



# E-6B COMS/CIS

## Description/Summary of Program Requirements

- COMS and CIS on behalf of AIRPAC to support E-6B training devices located at Tinker AFB, OK.







ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Task Order under the FTSS III Unrestricted MAC</li> </ul>	<ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)               <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	4 <sup>th</sup> Qtr FY14  RFP Release	2nd Qtr FY 15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$80-\$100M</li> </ul>	<ul style="list-style-type: none"> <li>• FTSS II Task Order</li> <li>• Incumbent – L-3</li> </ul>	



# NASTP COMS

## Description/Summary of Program Requirements

- Contractor Operations and Maintenance Services (COMS) for the Bureau of Medicine (BUMED) to support Naval Aviation Survival Training Program (NASTP) devices located at NS Norfolk, VA, MCAS Cherry Point, NC and NAS Jacksonville, FL.

<p><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• Task Order under the FTSS III SBSA MAC</li> </ul>	<p><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)             <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	<p><b>MILESTONES</b></p> <table border="0"> <tr> <td data-bbox="1282 748 1566 1005"> <p>1<sup>st</sup> Qtr FY15</p>  <p>RFP Release</p> </td> <td data-bbox="1580 748 1856 1005"> <p>3<sup>rd</sup> Qtr FY15</p>  <p>Contract Award</p> </td> </tr> </table>	<p>1<sup>st</sup> Qtr FY15</p>  <p>RFP Release</p>	<p>3<sup>rd</sup> Qtr FY15</p>  <p>Contract Award</p>
<p>1<sup>st</sup> Qtr FY15</p>  <p>RFP Release</p>	<p>3<sup>rd</sup> Qtr FY15</p>  <p>Contract Award</p>			
<p><b>POINT OF CONTACT</b></p> <p>Name: Mike Merritt          Organization: NAWCTSD, Aviation          Phone: 407 380-4595          Email: mike.merritt@navy.mil</p>	<p><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• Estimated at \$2M-\$3M</li> </ul>	<p><b>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</b></p> <ul style="list-style-type: none"> <li>• FTSS III Task Order</li> <li>• Incumbent – ESP</li> </ul>		







# E-2C/D COMS/CIS

## Description/Summary of Program Requirements

- Contractor Operations and Maintenance Services (COMS) on behalf of AIRPAC and AIRLANT to support E-2C/D training devices and requirements at NS Norfolk, VA, and NBVC Point Mugu, CA.
- Contract Instructional Services (CIS) for AIRPAC at NBVC Point Mugu, CA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Task Order under the FTSS III Unrestricted MAC</li> </ul>	<ul style="list-style-type: none"> <li>• 60 months total (start of mobilization Period to task order end date)               <ul style="list-style-type: none"> <li>– Mobilization (2 months)</li> <li>– Base period plus lot options (58 months) funded by FY</li> </ul> </li> </ul>	1 <sup>st</sup> Qtr FY15  RFP Release	3 <sup>rd</sup> Qtr FY15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$15-\$20M</li> </ul>	<ul style="list-style-type: none"> <li>• FTSS III Task Order</li> <li>• Incumbent – Cubic</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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 T-44C (Beechcraft H-90 Derivative) aircraft pilot training. This contract supports training for CNATRA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>6-month base period of performance, followed by four consecutive twelve-month and one six month options</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$50M total</li> </ul>	<ul style="list-style-type: none"> <li>New Requirement</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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-12 (Beechcraft King Air BE-B200/B350) aircraft pilot training. This contract supports training for CNARF, MCIEAST, CNAF EAST, CNAF WEST, MCIWEST, YUMA, VXS-1, NAVAIR, MCBPAC, NCIS, NAWC AD AND VX-20.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>One year base period plus 4 one year options</li> </ul>	1 <sup>st</sup> Qtr FY14  RFP Release	3 <sup>rd</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$20M total</li> </ul>	<ul style="list-style-type: none"> <li>Incumbent – Flight Safety International</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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-20G (Gulfstream 4) aircraft pilot training. This contract supports training for CNARF and MCAF.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>One year base period plus 4 one year options</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$10.9M total</li> </ul>	<ul style="list-style-type: none"> <li>Incumbent – Flight Safety International</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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-37A (Gulfstream 5) aircraft pilot training. This contract supports training for CNARF.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>One year base period plus 4 one year options</li> </ul>	2 <sup>nd</sup> Qtr FY14  RFP Release	1 <sup>st</sup> Qtr FY15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$1.3M total</li> </ul>	<ul style="list-style-type: none"> <li>Incumbent – Flight Safety International</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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-37B (Gulfstream 550) aircraft pilot training. This contract supports training for CNARF.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>One year base period plus 4 one year options</li> </ul>	4 <sup>th</sup> Qtr FY14  RFP Release	3 <sup>rd</sup> Qtr FY15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$13.1M total</li> </ul>	<ul style="list-style-type: none"> <li>Incumbent – Flight Safety International</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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 CNAF EAST and CNAF WEST.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>One year base period plus 4 one year options</li> </ul>	1 <sup>st</sup> Qtr FY15  RFP Release	4 <sup>th</sup> Qtr FY15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$3M total</li> </ul>	<ul style="list-style-type: none"> <li>Incumbent – Flight Safety International</li> </ul>	



# Command Aircraft Crew Training (CACT)

## 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 CNARF, MCIEAST, MCIWEST and MCBPAC.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>Full and open</li> </ul>	<ul style="list-style-type: none"> <li>One year base period plus 4 one year options</li> </ul>	2 <sup>nd</sup> Qtr FY15  RFP Release	4 <sup>th</sup> Qtr FY15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>Estimated at \$7.5M total</li> </ul>	<ul style="list-style-type: none"> <li>Incumbent – Flight Safety International</li> </ul>	







# Command Aircraft Crew Training (CACT)

## 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 (Boeing 737) aircraft maintenance training. This contract supports training for CNARF.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Full and open</li> </ul>	<ul style="list-style-type: none"> <li>• One year base period plus 4 one year options</li> </ul>	4 <sup>th</sup> Qtr FY15  RFP Release	2 <sup>nd</sup> Qtr FY16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated at \$2.8M total</li> </ul>	<ul style="list-style-type: none"> <li>• Incumbent – Delta Air Lines, Inc.</li> </ul>	



# Instructional Systems Development (ISD)

## Description/Summary of Program Requirements

- Revision and Maintenance of F/A-18/EW curriculum, maintenance of the Learning Management System, administration and support of VAQ-129 EA-18G Fleet Readiness Squadron (FRS), Electronic Attack Weapons School (EAWS), EP-3E under operational control of Patrol Squadron Thirty (VP-30), F/A-18C/D/E/F FRSs and Strike Fighter Weapons Schools (SFWS) VFC-12 NAS Oceana, VA. Provide support of Strike Fighter Advanced Readiness Program (SFARP) with data collection during the flight syllabus portion of SFARP, Learning Resource Center (LRC) and classroom networks to include both classified and unclassified workstations, file servers and peripheral equipment in the delivery of curriculum and administrative support Information Assurance(IA) support on equipment. Maintain video courseware components for support to VAQ-129, EAWS, CNATTU, and CPRW-10. Provide scenario generation and currency of EW databases, for CPRW-10 on the Mission Avionics Systems Trainer (MAST). Provide subject matter experts at each site to incorporate and identify common, as well as, site specific changes to curriculum. Update enlisted ordnance and weapons systems training course materials.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TDPC</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus 4 one year options</li> </ul>	4 <sup>th</sup> Qtr FY12  RFP Release	2 <sup>nd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone:407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Total Estimated Funding \$13.5M</li> </ul>	<ul style="list-style-type: none"> <li>• Incumbent – DPA (L3)</li> </ul>	



# Instructional Systems Development (ISD)

## Description/Summary of Program Requirements

- Revision and Maintenance of P-3/P-8 Aircraft Fleet Readiness Squadron (P-3/P-8 FRS), Weapons Tactics Unit, Reserve Squadron Augmentee Unit, Foreign Military Sales, Naval Air Training and Operating Procedures Standardization Test Support, and existing Maritime Patrol and Reconnaissance Weapons School (MPRWS) VP Air Combat Training System (ACTS) located at Naval Air Station (NAS) Jacksonville, Florida. The courseware R&M effort is designed to reflect current equipment, tactics, threats, and operations.







ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TDPC</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus 4 one year options</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Total Estimated Funding \$11.2M</li> </ul>	<ul style="list-style-type: none"> <li>• Incumbent – Carley Corporation</li> </ul>	



# Instructional Systems Development (ISD)

## Description/Summary of Program Requirements

- Revision and Maintenance of curriculum updates, revision and enhancement management, administration and support for the Tidewater Naval Aviation Training Systems located at the E-2C/C-2A Fleet Readiness Squadron Training System (E-2C/C-2A FRSTS), Landing Signal Officer (LSO) School, Composite Fighter Squadron Twelve (VFC-12) and E-2C Air Combat Training System (ACTS). Curriculum R&M is driven by changes in the weapon systems, engagement tactics, local course rules and directives, Flight Information Publications (FLIP), Naval Air Training and Operating Procedures Standardization (NATOPS) manuals, software, maintenance manuals, internal and external quality control, and instructor and student inputs. Other sources that necessitate change are improvement of technical content of the courses and changing training environments fostered by hardware and software advances.







<p style="text-align: center;"><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• TDPC</li> </ul>	<p style="text-align: center;"><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• Base period plus 4 one year options</li> </ul>	<p style="text-align: center;"><b>MILESTONES</b></p> <table style="width: 100%; text-align: center;"> <tr> <td style="width: 50%;">4<sup>th</sup> Qtr FY13</td> <td style="width: 50%;">3<sup>rd</sup> Qtr FY14</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>RFP Release</td> <td>Contract Award</td> </tr> </table>	4 <sup>th</sup> Qtr FY13	3 <sup>rd</sup> Qtr FY14			RFP Release	Contract Award
4 <sup>th</sup> Qtr FY13	3 <sup>rd</sup> Qtr FY14							
								
RFP Release	Contract Award							
<p style="text-align: center;"><b>POINT OF CONTACT</b></p> <p>Name: Mike Merritt          Organization: NAWCTSD, Aviation          Phone: 407 380-4595          Email: mike.merritt@navy.mil</p>	<p style="text-align: center;"><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• Total Estimated Funding \$6.1M</li> </ul>	<p style="text-align: center;"><b>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</b></p> <ul style="list-style-type: none"> <li>• Incumbent – Rollout Systems, LLC</li> </ul>						



# Instructional Systems Development (ISD)

## Description/Summary of Program Requirements

- Revision and Maintenance of Navy Helo R&M of four Fleet Readiness Squadron (FRS) Training Programs located at HS-10, HSC-3, and HSM-41 located at NAS North Island, San Diego, California while HSL-40 is located at NS Mayport in Jacksonville, Florida. Instructional programs have been developed and implemented for the MH-60S, MH-60R, SH-60B and SH-60F helicopter training programs. The curricula revision is mandated by the analysis of quality control data and all weapon system changes that impact training such as aircraft engineering change proposals (ECPs), tactics, local course rules, and Naval Aviation Training and Operating Procedures (NATOPS) documentation.



<p><b>ACQUISITION STRATEGY</b></p> <ul style="list-style-type: none"> <li>• TDPC</li> </ul>	<p><b>PERIOD OF PERFORMANCE</b></p> <ul style="list-style-type: none"> <li>• Base period plus 4 one year options</li> </ul>	<p><b>MILESTONES</b></p> <table border="0"> <tr> <td>1<sup>st</sup> Qtr FY13</td> <td>3<sup>rd</sup> Qtr FY13</td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td>RFP Release</td> <td>Contract Award</td> </tr> </table>	1 <sup>st</sup> Qtr FY13	3 <sup>rd</sup> Qtr FY13			RFP Release	Contract Award
1 <sup>st</sup> Qtr FY13	3 <sup>rd</sup> Qtr FY13							
								
RFP Release	Contract Award							
<p><b>POINT OF CONTACT</b></p> <p>Name: Mike Merritt          Organization: NAWCTSD, Aviation          Phone: 407 380-4595          Email: mike.merritt@navy.mil</p>	<p><b>FUNDING</b></p> <ul style="list-style-type: none"> <li>• Total Estimated Funding \$5.7.8M</li> </ul>	<p><b>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</b></p> <ul style="list-style-type: none"> <li>• Incumbent - DPA (L3)</li> </ul>						



# Instructional Systems Development (ISD)

## Description/Summary of Program Requirements

- Revision and Maintenance of AV-8B, MH/CH-53D/E, KC-130J, AH-1W, UH-1N, HH-1N and CH-46E Fleet Readiness Squadron (FRS) Training Programs located at Marine Air Stations Cherry Point, NC and Yuma, AZ, Marine Corps Air Station (MCAS) New River, North Carolina, MAG-24 (CH-53D), Marine Corps Base Hawaii (MCBH), Kaneohe Bay, Hawaii, and Airborne Weapons Systems Training School, (AWSTS) (MH-53E), Naval Station (NS) Norfolk, Virginia, . Instructional Aviation Training Unit (ATU) Training Programs for the United States Marine Corps at MCAS Cherry Point, NC with long distance technical support for MCAS Miramar, CA KC-130-J ATU, Camp Pendleton, CA. Curricula revision is mandated by the analysis of quality control data and all weapon system changes that affect training such as aircraft engineering change proposals (ECPs), tactics, local course rules, and Naval Aviation Training and Operating Procedures (NATOPS) documentation mandates the curricula revision.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TDPC</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus 4 one year options</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone:407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Total Estimated Funding \$11.6M</li> </ul>	<ul style="list-style-type: none"> <li>• Incumbent - DPA (L3)</li> </ul>	



# Air Traffic Control Tower Simulation System (TSS)

## Description/Summary of Program Requirements

- The DON has a clear need for a Tower Simulator System (TSS) and associated simulator administrator support to enhance training, proficiency, and safety of flight for Naval Aviation at 34 Air Facilities.
- In addition to the 34 TSS, a need to replace Device 15G32 Tower Operator Training System (TOTS) trainer at Naval Air Technical Training Center (NATTC) in Pensacola, FL with four TSS will be conducted under this effort. TSS total requirement is 38 units.
- OPNAV, N980A, requests a high fidelity air traffic control tower simulator device be procured that will address training and proficiency.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• GSA Schedule Purchase</li> <li>• Single Award</li> <li>• Multiple Options</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	3 <sup>rd</sup> Qtr FY12  RFP Release	4 <sup>th</sup> Qtr FY12  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• \$17M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# Landing Signal Officer Trainer

## Description/Summary of Program Requirements

- Formal Ground Training. Initial, Fleet Reserve Squadron, Training Command, and advanced formal ground training is conducted for U.S. Navy Landing Signal Officers at the LSO School located in Virginia Beach, Va..
- Technology/Obsolescence upgrades to Landing Signal Officer (LSO) Trainer device 2H111. Current visual system severely hinders the ability to conduct the highest level of synthetic training for Landing Signal Officers. The inability to identify aircraft physical features (day) or light pattern (night) outside of 1 mile visual range is detrimental to productive training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	3 <sup>rd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• \$ 2.2M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> <li>• Last requirement completed by Aero Simulation Inc</li> </ul>	







# MH-60 – TOFT Technology Refresh

## Description/Summary of Program Requirements

- NAWCTSD seeks potential sources under TSC III MAC with ability to provide a technology refresh for the MH-60 program.
- 20 Tactical Operational Flight Trainers
- Seven (7) MH-60R TOFTs located at NAS North Island, CA; NAS Jacksonville, FL; NAS Mayport, FL.
- Eight (8) MH-60S OFTs, Five (5) WTTs located at NAS North Island, CA; NS Norfolk, VA.
  - Hardware/Software obsolescence



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Delivery order under TSC III MAC</li> <li>• LOT I or LOT II dependent on responses received</li> </ul>	<ul style="list-style-type: none"> <li>• 18-24 months after contract award, RFT first device</li> <li>• Three month stagger subsequent devices</li> </ul>	3 <sup>rd</sup> Qtr FY13  RFP Release	1 <sup>st</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• \$110M</li> </ul>		<ul style="list-style-type: none"> <li>• OEMs               <ul style="list-style-type: none"> <li>– Manned Flight Systems (MFS)</li> <li>– CAE</li> </ul> </li> </ul>



# C-2A Operational Flight Trainer SLEP

## Description/Summary of Program Requirements

- The requirements for this anticipated contract award will be to provide technology / obsolescence upgrades to the 2F168-1 and 2F168-2 trainers located in Norfolk, VA and North Island, CA.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• 24 - 36 Months</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	1 <sup>st</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$8M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> <li>• Last Upgrade by ASI</li> </ul>	



# E-6B IAT REHOST

## Description/Summary of Program Requirements

- The requirements for this anticipated contract award will be to provide technology / obsolescence upgrades to the E-6B Integrated Avionics Trainer located in Tinker AFB, Oklahoma City, Ok.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>TSC III</li> </ul>	<ul style="list-style-type: none"> <li>18-24 Months</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	1 <sup>st</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>\$2.5M</li> </ul>	<ul style="list-style-type: none"> <li>New Requirement</li> <li>Last modification by Rockwell Collins STS</li> </ul>	



# AV-8B Training Systems Weapons System Trainer Tech Refresh

## Description/Summary of Program Requirements

- AV-8B Concurrency and Technology Upgrades to 2F150F Aircrew Simulators 2F150F SN's 1-5 Located at Marine Corps Air Station (MCAS) Yuma, AZ and MCAS Cherry Point, NC and "11H" series Maintenance Trainers (Powerplant, Avionics, Electrical, Egress, Fuel, Armament, Flight Controls and Landing Gear) located at MCAS Cherry Point NC.
- Includes updating Operational Flight Program, limited Technology/Obsolescence upgrades
- Acquisition Strategy not yet finalized.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$3M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> <li>• Last upgrade complete by Indra Systems, Inc.</li> </ul>	



# AV-8B Training Systems Deployable Mission Rehearsal Trainer (DRMT)

## Description/Summary of Program Requirements

- Upgrade/replacement of current Multi-Task Trainer (MTT) located at Marine Corps Air Station (MCAS) Yuma, AZ, and MCAS Cherry Point, NC
- Includes technology enhancements and Operational Flight Program (OFP) upgrades
- Acquisition Strategy not yet finalized



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$6M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> <li>• Last upgrade complete by Indra Systems, Inc.</li> </ul>	



# AH-1W Training Systems WST Technical/Visual Upgrade

## Description/Summary of Program Requirements

- Technical/Visual System Upgrade of a AH-1W Cobra Weapon Systems Trainer (Device 2F136A-1 and 2F136A-2) located at MCAS Camp Pendleton, CA, MCAS New River, NC
  - Replace Image Generator (IG) with a Personal Computer based IG (PCIG)
  - Replace Telescopic Sight Unit (TSU)/Direct View Optics (DVO) monitor
- Replace Host Computational System and software
  - Replace Instructor Operator Station (IOS) computational system and displays
  - Replace Control Loading System
  - Implement Trainer Engineering Change Requests



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Initial Device Delivery 20 Months after Contract Award</li> </ul>	4 <sup>th</sup> Qtr FY12  RFP Release	3 <sup>rd</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$11.8M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# AH-1Z / UH-1Y Training Systems FTD LOT 4 Trainer Procurement

## Description/Summary of Program Requirements

- Procure three (3) UH-1Y Flight Training Devices and four (4) AH-1Z Flight Training Devices (LOT 4 ).  
Delivery Locations Include: JRB McGuire, MCAS Kaneohe Bay, MCAS New River, Robins AFB



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Full and Open</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	1 <sup>st</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$126M</li> </ul>	<ul style="list-style-type: none"> <li>• BHTI</li> </ul>	



# CH-53E Training Systems CFTD Procurement

## Description/Summary of Program Requirements

- Procure two (2) CH-53E Containerized Flight Training Devices
- Delivery Locations: Marine Corps Air Station (MCAS) Miramar, CA, and Joint Reserve Base McGuire/Dix.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	3 <sup>rd</sup> Qtr FY13  RFP Release	1 <sup>st</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$22M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	







# CH-53E Training Systems APT and WST Tech Refresh Procurement

## Description/Summary of Program Requirements

- Implement Technology Refresh to CH-53E Aircrew Procedures Trainers and Weapons System Trainers to reduce obsolescence issues
- Delivery Locations: Marine Corps Air Station (MCAS) Miramar, CA, and MCAS New River, NC



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	4 <sup>th</sup> Qtr FY13  RFP Release	2 <sup>nd</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$20M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# MH-53E / CH-53E Training Systems Enhanced Aircrew Externals Trainer

## Description/Summary of Program Requirements

- Procure three (3) EAETs – one (1) MH-53E and two (2) CH-53E EAETs.
- The EAET is a flight training device consisting of an Enlisted Aircrew (EAC) Station that includes a partial rear cabin mockup, dedicated image generator channel, display, EAC controls, headset and Instructor Operator Station (IOS)



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• 8A</li> </ul>	<ul style="list-style-type: none"> <li>• 21 month POP plus any planned options</li> </ul>	4 <sup>th</sup> Qtr FY12  RFP Release	1 <sup>st</sup> Qtr FY 13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$2.3M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# MH-53E Training Systems OFT Tech Refresh Procurement

## Description/Summary of Program Requirements

- Implement Technology Refresh to MH-53E Operational Flight Trainer to reduce obsolescence issues
- Delivery Locations: Naval Station Norfolk, VA

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	1 <sup>st</sup> Qtr FY14  RFP Release	3 <sup>rd</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Approximately \$3M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	





# MV-22 Training Systems

## Cabin Part Task Trainer

### Description/Summary of Program Requirements

- Procure one MV-22 Cabin Part Task Trainer (MVCPTT) to be located at Marine Corps Air Station (MCAS) New River, NC.
- The trainer will be used to support all MV-22 aircrew egress training, as well as train enlisted aircrew in fundamental cabin responsibilities to include: internal loading/unloading operations, winch and hoist operations, external operations, refueling and defueling operations, and cabin configuration setup for multiple missions such as MEDEVAC and aerial delivery operations.



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• Small Business</li> </ul>	<ul style="list-style-type: none"> <li>• Expected Period of Performance is 20 months</li> </ul>	2 <sup>nd</sup> Qtr FY13  RFP Release	4 <sup>th</sup> Qtr FY13  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• \$5M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	



# MV-22 Training Systems Courseware Development

## Description/Summary of Program Requirements

- The MV-22 curricula delivered establishes a training continuum which links the Universal Joint Task List (UJTL) to mission, collective tasks, individual tasks, learning objectives, and user performance steps
- This procurement will ensure V-22's courseware remains current to satisfy fleet training requirements



ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TDP MAC</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	3 <sup>rd</sup> Qtr FY 13  RFP Release	2 <sup>nd</sup> Qtr FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• Estimated \$10M+</li> </ul>	<ul style="list-style-type: none"> <li>• DPA (L-3)</li> </ul>	



# Marine Common Aircrew Trainer (MCAT)

## Description/Summary of Program Requirements

- Procurement of USMC Enlisted Aircrew Training Products to include the MCAT. The Enlisted Aircrew Trainer Procurement Program is intended to procure products to address Enlisted Aircrew (EAC) training requirements for UH-1Y, MV-22, KC-130, and CH-53 communities.
- Planned to be designated an ACAT IV Program. **Program Baseline not yet established.**
- Current planning includes procurement of twelve (12) MCATs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• TSC III LOT I</li> </ul>	<ul style="list-style-type: none"> <li>• Base period plus any planned options</li> </ul>	2 <sup>nd</sup> Qtr FY 13  RFP Release	FY14  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mike Merritt Organization: NAWCTSD, Aviation Phone: 407 380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> <li>• \$80M</li> </ul>	<ul style="list-style-type: none"> <li>• New Requirement</li> </ul>	

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**NAWCTSD  
Office of Small Business Programs**

**Ms. Argentina Thompson**

**Deputy for Small Business**





# Overview

- Acquisition Planning
- Document Requirement
- Market Research
- Dialogue with Potential Offerors
- Source Sought Do's and Don'ts
- Questions





# Acquisition Planning

- Agencies shall perform acquisition planning and conduct market research for all acquisitions in order to promote and provide for –
  - Acquisition of commercial items or non-developmental items to the maximum extent practicable
  - Full and Open Competition to extent practicable
- Planning is to ensure Government meets needs in the most effective, economical, and timely manner.
- Acquisition planning should begin as soon as the need is identified.



# Requirements Documents

- Document is the basis for informing offerors what the Government's technical requirements are for a given acquisition
  - Defines functional/performance/other requirements that the acquisition is to satisfy.
  - Includes criteria for verification of requirement satisfaction and acceptability.
- Forms baseline for offeror/contractor to develop their proposal.
- Serves as the legal basis for contract formation and execution.

Foundation of the RFP



# Market Research

- Market Research
  - FAR 2.101 definition—Market Research means collecting and analyzing information about capabilities within the market to satisfy agency needs.
- Purpose of Market Research
  - Arrive at the most suitable approach to acquiring, distributing, and supporting supplies and services. (FAR 10.000)
- Objectives of Market Research
  - Determine applicable business practices
  - What is available commercially,
  - Obtain industry input on government requirements and acquisition strategy.



# Market Research

- Prepare a brief description of the requirements
  - Can be as simple as 1 or 2 sentences
  - Should be outcome oriented
  - Market Research will help develop statement further
- Members talk/visit with contractors/vendors to discuss issues/questions/topics
- Repeat as needed
- Document details in market research report



# Market Research

- Use the results of market research to –
  - Determine if sources exist capable of satisfying the agency's requirements
  - Determine if commercial items or, to the extent commercial items suitable to meet the needs are not available, non-developmental items are available
  - Determine extent to which commercial or non-developmental items could be incorporated at the component level
  - Determine practices of firms such as warranties, maintenance and packaging, and marking of commercial items
  - Ensure maximum practicable use of recovered materials and promote energy conservation and efficiency
  - Determine whether bundling is necessary and justified (See FAR 7.107)
  - Determine whether consolidation is in the best interest of the Government



## Dialogue with Potential Offerors

- Conduct open and frank discussions with potential offerors before receipt of proposals
  - Examples include market research, one-on-one sessions, industry days, issuances of technical materials by electronic media, pre-solicitation notices, Requests for Information (RFI), Draft RFP (DRFP), Presolicitation or Preproposal Conferences, and site visits
  - Early involvement with applicable industry sector is highly encouraged from date of requirement identification through the date of RFP release—FAR 15.201
  - Avoid disclosing proprietary information or creating potential unfair competitive advantage or biased judgment



## Sources Sought

- Offeror's name, address, point of contact, phone number, and e-mail address.
- Offeror's interest in bidding on the solicitation when it is issued.
- Offeror's capability to meet personnel requirements.
- Offeror's capability to perform a contract of this magnitude and complexity (include offeror's in-house capability to execute design and construction, comparable work performed within the past 5 years –brief description of the project, customer name, timeliness of performance, customer satisfaction, and dollar value of the project) –provide at least 3 examples.
- Offeror's type of small business and Business Size (Whether HUB Zone, Service Disabled Veteran Owned Small Business, 8(a))
- Offeror's Joint Venture information if applicable –existing and potential



## Sources Sought Do's and Don'ts

- Do demonstrate understanding of requirement
- Do answer the question in detail, provide examples
- Do ask for clarification of the questions
- Do submit a polished response that has been proofread, edited, and that has been vetted against a compliance matrix
- Do demonstrate how your company can meet the Limitation on Subcontracts (*perform 50% of the work*)
- Do response by the due date





## Sources Sought Do's and Don'ts

- Do not provide marketing information
- Do not provide one line responses
- Do not assume the project team knows your company capability
- Do not answer only one part of the question, if it is a two part question
- Do not make assumptions about questions asked



## TSD Office of Small Business Programs

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Questions?

**HELP US HELP YOU GET REQUIRMENTS  
SET-ASIDE FOR SMALL BUSINESS**

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