



Naval Air Warfare Center Training Systems Division

CAPT Wes Naylor
Commanding Officer



Our Mission:

Help Warfighters
develop the skills
they need to fight
and win...



...by the most
cost-effective means.

Workforce: 1,200+
Business Base: \$1.3 Billion





Collaborating Organizations



JDIF

UCF

ARL-STTC

NAWCTSD
PEO STRI
PMTRASYS

NAWCTSD

Joint
ADL Co-Lab

NAWCTSD
PEO STRI

PEO STRI

PEO STRI
FLETC Liaison

NSA Orlando

AFAMS

PEO STRI

NSA Orlando Secured

Boundary DoD

NSA Orlando Property Un-Secured

State / UCF Unsecured Boundary

From Concept, To Delivery, And Beyond

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



Focus Areas



- Cyber Security
- Live, Virtual, Constructive (LVC)
- Intelligent Tutoring
- Navy N1 Effort
- MRTS
- E-Sailor



Questions?



NAWCTSD



Rob Matthews
Deputy Technical Director



What We are Going to Tell You

- Communication
- Opportunities Overview
- Who's Who and Why Do You Care?



Key Take Aways

- **Industry Outreach**
- **Business Opportunities**
 - Budget Pressure**
 - Employing Technology to Our Benefit**
- **Your Input Matters to Us**
- **Supporting Our Warfighters**
 - **Acquisition speed**
 - **Integrated Warfighter Support**



Organization



ADM J. Richardson
Chief of Naval Operations



VADM P. Grosklags
NAVAIRSYSCOM



VADM D. Smith
CNIC

RDML B. Corey
NAWCWD

RDML D. Peters
NAWCAD

RDML M. Jackson
CNRSE

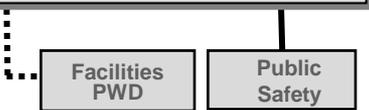
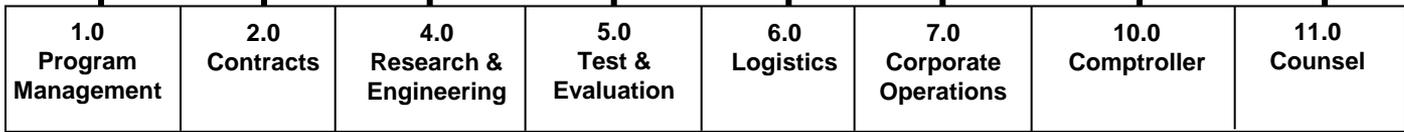
PMA-205
CAPT C. Dorrans

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

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

SB Programs
Leslie Faircloth

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



Program Directorates

PD-Aviation Support

Brian Hicks

PD-Surface & Undersea Support

Paul Honold

PD-Cross Warfare Support

Mike Merritt

PD-International Support

Aida Matta
(Acting)

Research & Technology

Maureen Bergondy-Wilhelm



PMA-205 FY16 Program Overview



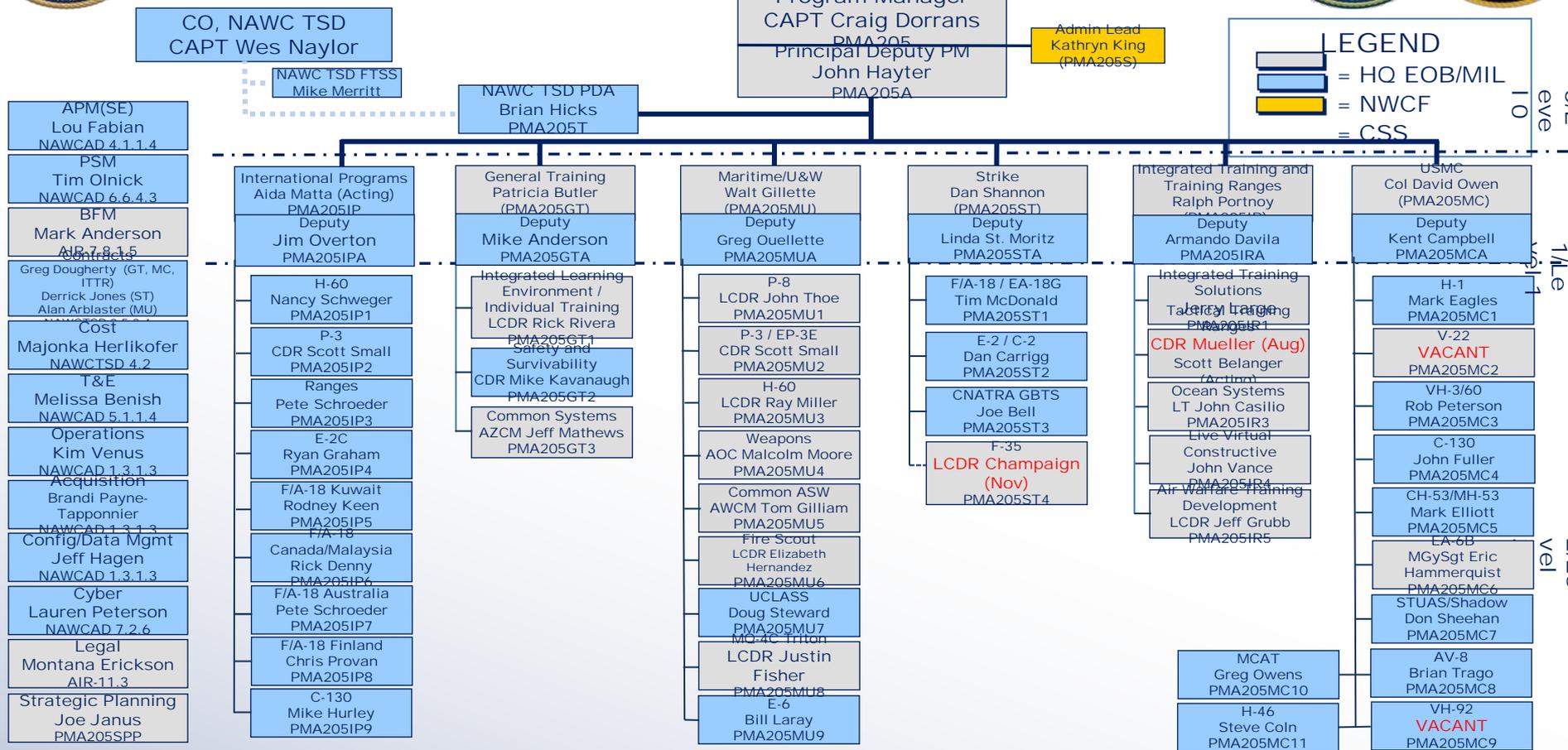
Date: 17 Jun 2015

Presented to:
Training Systems Industry Symposium

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



PMA-205 Organization



LEGEND

- [Grey Box] = HQ EOB/MIL
- [Blue Box] = NWCFC
- [Yellow Box] = CSS

10 eve
1/1e
2/1e
2/1e



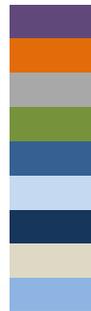
FY2015 Program Summary



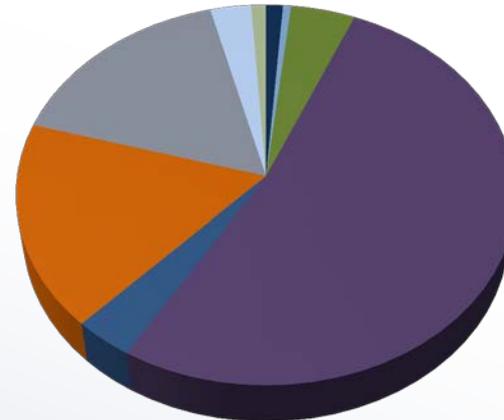
- **Mission:** PMA-205 provides training solutions to enable war fighting readiness. We are responsible for the full lifecycle support of all Naval Aviation training systems and training ranges used by Sailors and Marines.

- **FY2015 Scope**

- 2 ACAT IV Programs
- 31 AAP Programs
- 11 Prospective AAP Programs
- 17 Non-Acquisition Programs
- 5 Prospective Non-Acquisition Programs



FY2015	Budget Authority
APN Common Ground Equip	\$156,522,000
OPN Weapons Rng Sup Equipment	\$46,410,000
OMN Training Equip Ops (12AMK)	\$40,409,000
RDTE Tactical Combat Trng System	\$10,349,000
OMN Range Support (12AUX)	\$8,900,000
APN Tactical Combat Trng System	\$5,630,000
RDTE Training Range & Instr Dev	\$2,729,000
OMN Facilities and Landing Aids	\$2,723,000
RDTE Air Warfare Trng Development	\$1,262,000
Total	\$274,934,000





Budget Projections



- Shrinking defense budgets coupled with large future programs will stress aviation training investments over next 5-10 years
- We must think differently if we are going to continue to provide quality training to warfighters
 - Leverage virtual technology
 - Pursue smaller, more diverse and economical solutions for upgrades and modifications
 - Develop a common standards for training systems (TRACE)
 - Open Architecture
 - Common HW interface
 - SW/HW reuse
 - Align future requirements with technology enhancements
- Several “New Start” programs in PMA-205 for 2016
 - Could see impact of extended CRA



FYDP 2000's



FYDP 2010



FYDP 2025

Shrinking Budget

Innovative Thinking





Strategic Vision



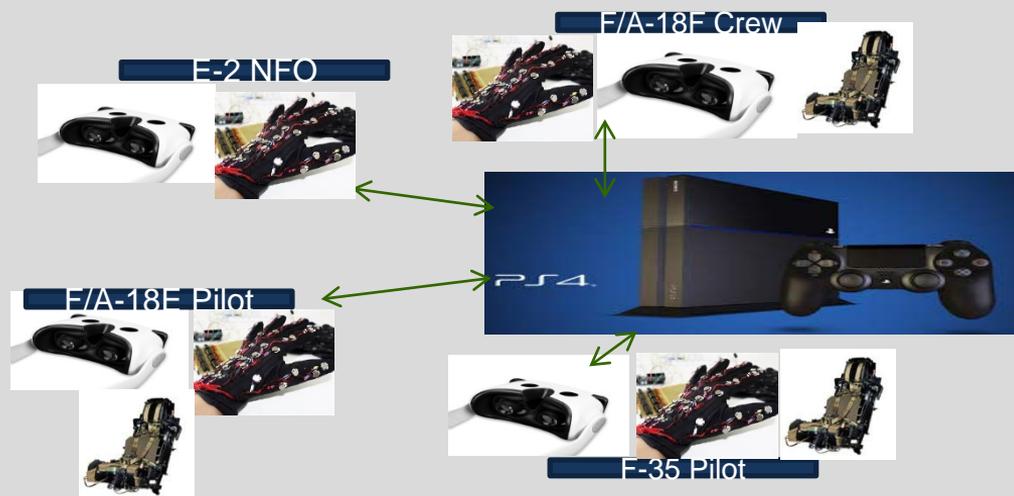
Current Ready Room Training



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

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

Future Ready Room Training



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

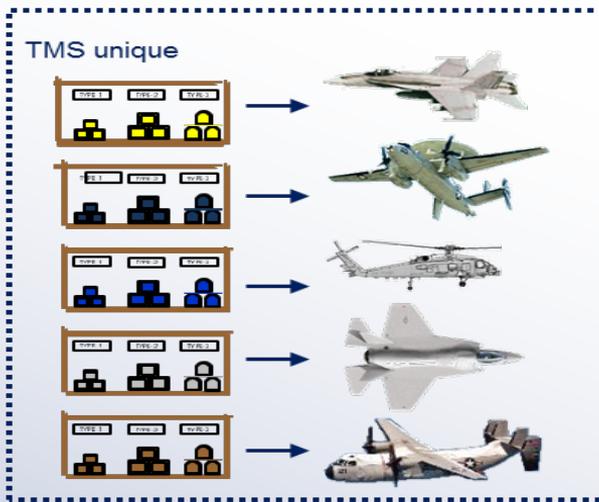


Training System Common Environment (TRACE)

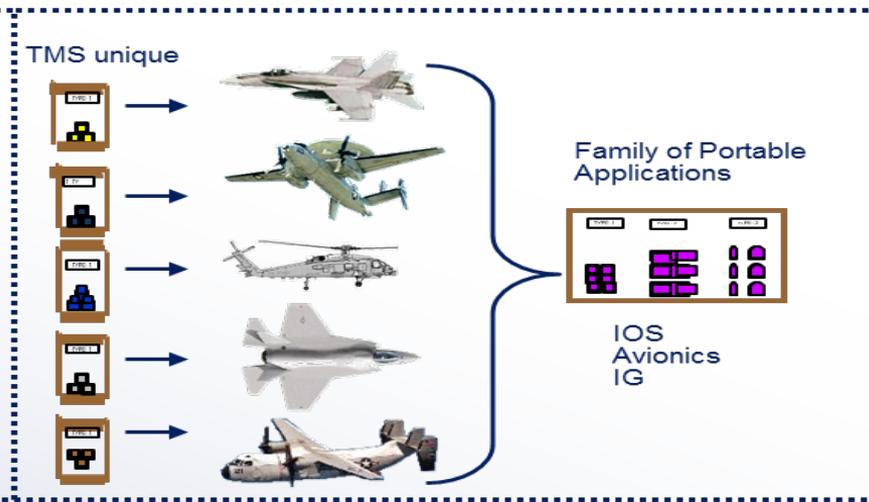


- The combination of a reference architecture standard and open business model that permits components to be added, modified, replaced, removed and/or supported by different vendors throughout the life cycle in order to drive opportunities for
- Maximizing software re-use
 - Less customization/greater plug-n-play
 - More efficient sustainment
 - Enhanced competition & innovation

Present State



Future State





Live • Virtual • Constructive



Training Roadmap

The Need:
Large, complex training scenarios



However:
Airspace and range limitations inhibit Live training



Solution:

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



Training LVC Components

Naval Aviation Distributed Training Center (NADTC):

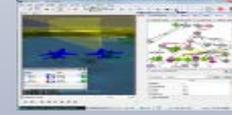
- Hub for LVC generation
- Connects all pillars
- Scenario
- Brief/debrief/replay
- Performance assessment



Live: Tactical combat training system, connecting live flight to virtual and constructive



Virtual: Naval Aviation Simulator Master Plan, delivering high fidelity connected



Constructive: Next generation threat simulator, high fidelity EW/EA threat presentation

LVC Roadmap

Today: Stand alone training devices



Near Term: Virtual integrated training environment



Future: Distributed Live, Virtual and Constructive training





Fleet Integrated Training System



PMA-205 LVC ROAD MAP



NASMP transition to FITE 2025

- Training systems provided are tactically relevant, networked, scalable, and deliver a full spectrum aircrew combat training environment
- Improved fidelity allows for maximize use of virtual and constructive simulation for training across T/M/S
- Training systems mirror current combat aircraft configuration including common environmental, threat, weapons models and simulation
- Maintains a common budget line that addresses all aircrew training devices technical refresh, obsolescence management and technology upgrades

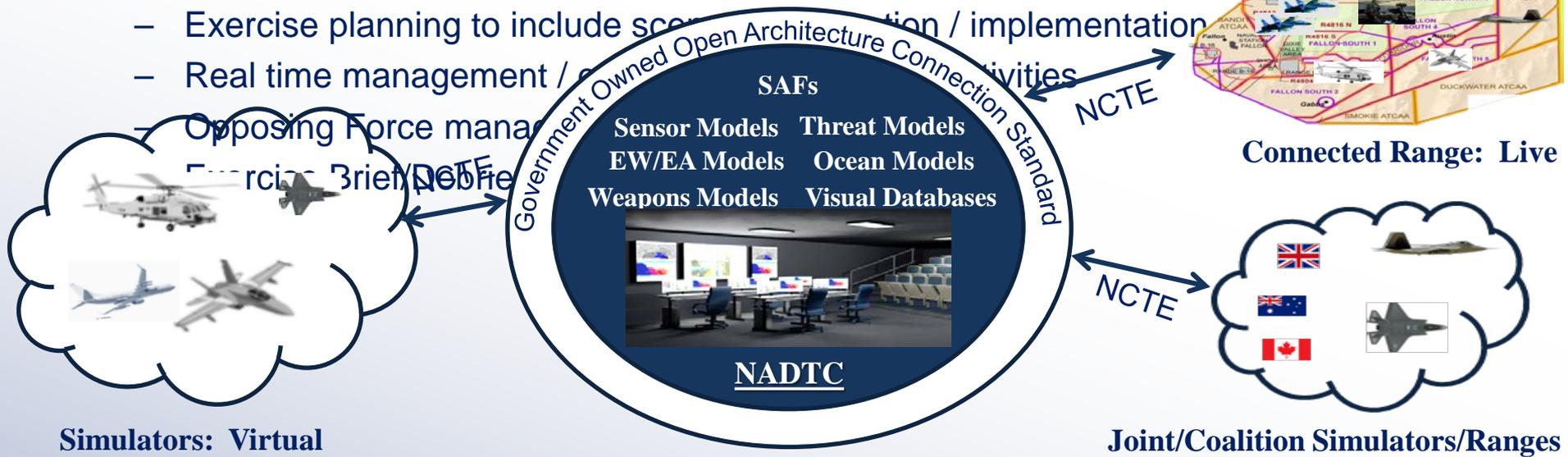


Naval Aviation Distributed Training Center (NADTC)



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

- Coordinate Distributed Integrated Training
- Technical support to establish connectivity at required security classification
- Exercise planning to include scenario development / implementation
- Real time management / execution of training activities
- Opposing Force management
- Exercise Briefing/Debrief





Summary



- Continue to execute numerous programs in PMA-205
- Budget increasing in FY16 but anticipate smaller budget in future
- Looking for innovative solutions with large return on investment savings
 - Continued focus on NASMP & LVC
 - Developing NADTC
 - Looking to Virtual Reality and TRACE as future capabilities



NAWCTSD



Brian Hicks

Director, Aviation Programs

NAWCTSD Public Release 15-ORL0061102 Distribution Statement A - Approved for public release; distribution is unlimited

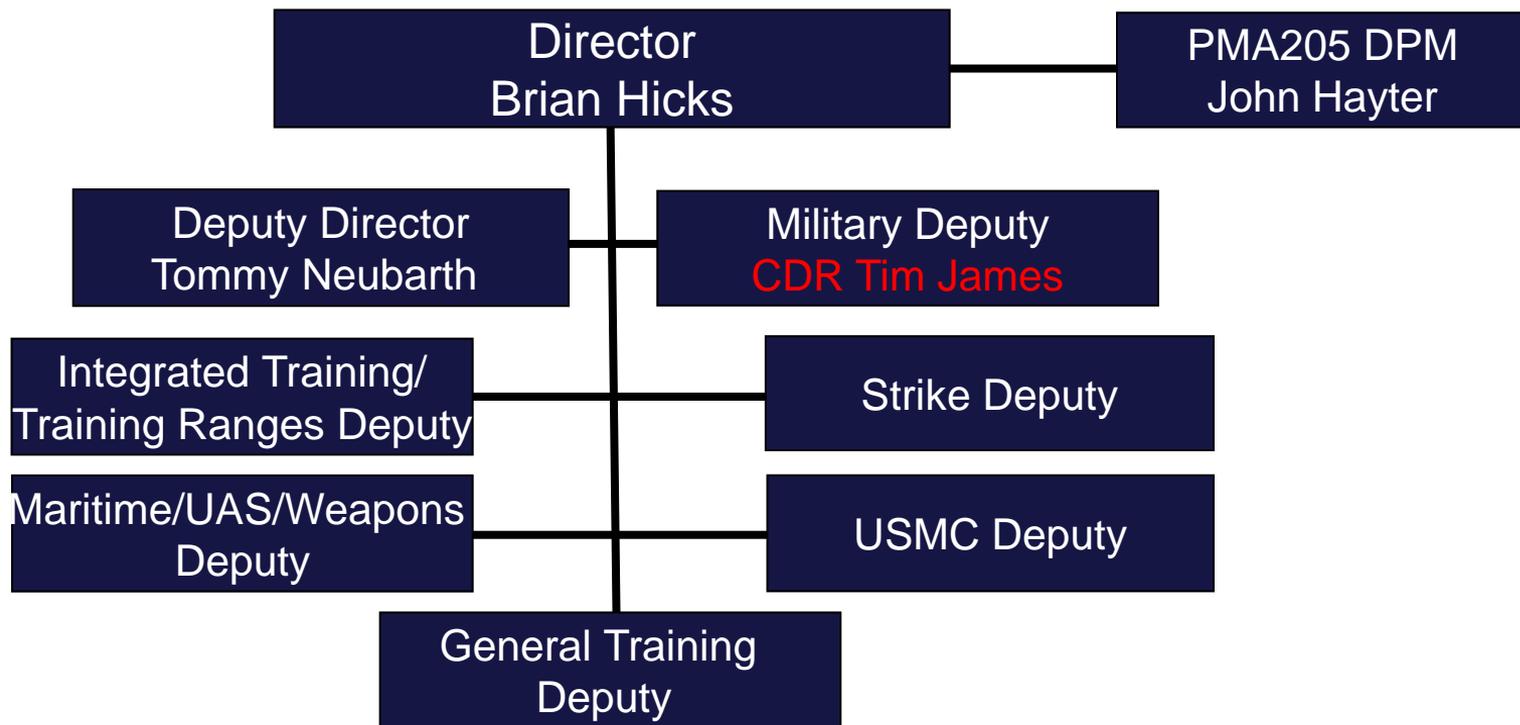


Disclaimer

- 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.



Aviation Programs Organization





Strike Department





CNATRA T- 45 Operational Flight Trainer

N61340-15-P1-PMA-205-0027

Description/Summary of Program Requirements

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

CONTRACT AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III competitive Lot II 	<ul style="list-style-type: none"> • 38 Months 	APR 2015  RFP Released	SEP 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: P.M. 205 Phone: (301) 751-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none"> • \$31M 	<ul style="list-style-type: none"> • Last modification by Boeing 	



F/A-18 & EA-18G NIF PROGRAM

N61340-15-P2-PMA-205-0043/44

Description/Summary of Program Requirements

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

<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Sole Source – Boeing Corporation BOA 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 36-48 Months 	<p>MILESTONES</p> <table border="0"> <tr> <td data-bbox="1263 567 1468 775"> <p>MAY 2015</p>  <p>RFP Released</p> </td> <td data-bbox="1468 567 1860 775"> <p>SEP 2015</p>  <p>Contract Award</p> </td> </tr> </table>		<p>MAY 2015</p>  <p>RFP Released</p>	<p>SEP 2015</p>  <p>Contract Award</p>
<p>MAY 2015</p>  <p>RFP Released</p>	<p>SEP 2015</p>  <p>Contract Award</p>				
<p>POINT OF CONTACT</p> <p>Name: CAPT Craig Dorrans Organization: N61340-15-P2-PMA-205 Phone: (301) 751-6944 Email: Craig.Dorrans@navy.mil</p>	<p>FUNDING</p> <ul style="list-style-type: none"> • \$11.6M 	<p>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</p> <ul style="list-style-type: none"> • Last modification by L-3 			

CONTRACT AWARDED



C-2A OFI Service Life Extension Program (SLEP)

N61340-14-P1-PMA-205-0073

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III competitive Lot II 	<ul style="list-style-type: none"> • 24 - 36 Months 	<p>NOV 2015</p>  <p>RFP Release</p>	<p>MAY 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: CAPT Craig Dorrans</p> <p>Organization: PMA-205</p> <p>Phone: (301) 757-6944</p> <p>Email: Craig.Dorrans@navy.mil</p>	<ul style="list-style-type: none"> • \$9M 	<ul style="list-style-type: none"> • Last Upgrade by ASI 	



E-2D Hawkeye Integrated Training System (HITS-III)

N61340-15-P1-131300G-0088

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• New Sole Source Contract to Rockwell Collins STS	<ul style="list-style-type: none">• 5 years	MAR 2016  RFP Release	2nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD Phone: (407) 380-8085 • Email: brian.hicks@navy.mil	<ul style="list-style-type: none">• Estimated \$185M	<ul style="list-style-type: none">• E-2D HITS-A, HITS-M and HITS-II• Rockwell Collins STS	



Marine Corps Department





Marine Common Aircrew Trainer (MCAT)

N61340-16-P1-PMA-205-0030

Description/Summary of Program Requirements

- The Marine Common Aircrew Trainer Procurement Program plans to procure a common trainer solution capable to meet “take-off-to-land” Gunnery, External, and Crew Resource Management training requirements for UH-1Y, MV-22, CH-53 Enlisted Aircrew (EAC) communities.
- Current planning includes procurement of **six (6)** MCATs. Delivery sequence: Marine Corps Air Station (MCAS) New River, NC ; MCAS Camp Pendleton, CA ; MCAS Kaneohe Bay, HI ; MCAS Futenma, JA ; MCAS Miramar, CA; MCAS New River
- Initial release of draft Documents - SOW, SPEC, CDRLs, draft sections B, L & M 5 MAR 2015
- **Updated draft Documents - SOW, SPEC, CDRLs – available now**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III competitive LOT I 	<ul style="list-style-type: none"> • Base Year: Procure MCAT 1, 2, 3. • Deliver MCAT 1 to MCAS New River NLT 27 Months after Contract Award • Deliver MCAT2 to MCAS Camp Pendleton NLT 30 Months after Contract award • Options: MCAT 4-6 to be awarded within 27 Mo of Base Year Contract Award • MCAT 7, 8 – not yet funded (Reserve Funded) 	<p>JAN 2016</p>  <p>RFP Release</p>	<p>SEP 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil</p>	<ul style="list-style-type: none"> • Estimated \$50.5M 	<ul style="list-style-type: none"> • N/A 	



AV-8B Deployable Mission Rehearsal Trainer (DMRT)

N61340-13-P1-PMA-205-0113

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III competitive LOT II 	<ul style="list-style-type: none"> • Base period plus planned options 	<p>DEC 2015</p>  <p>RFP Release</p>	<p>MAY 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: CAPT Craig Dorrans</p> <p>Organization: PMA-205</p> <p>Phone: (301) 757-6944</p> <p>Email: Craig.Dorrans@navy.mil</p>	<ul style="list-style-type: none"> • Estimated \$12M 	<ul style="list-style-type: none"> • N/A 	



AH-1Z Flight Training Device Procurement

N61340-16-P1-PMA-276-0002

Description/Summary of Program Requirements

- Planned Procurement of **three** AH-1Z FTDs:
 - **Delivery to Marine Corps Air Station (MCAS) New River, NC (2F227-2); Joint Reserve Base (JRB) McGuire, Ft Dix Lakehurst, NJ (2F227-3); JRB New Orleans (2F227-4)**
 - Announcement to industry: 04/2015
 - Request for Proposal release scheduled for **December** 2015

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Full and Open Competitive	<ul style="list-style-type: none">• Base period plus any planned options	DEC 2015  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">• Estimated \$50M	<ul style="list-style-type: none">• N/A	



KC-130T OFT Upgrade and Trainer Relocation

N61340-15-P1-131300G-0091

Description/Summary of Program Requirements

- **Technological Refresh** of the KC-130T Operational Flight Trainer OFT, Device 2F152
- **Avionics Obsolescence Upgrade (AOU)**
- **Additionally: Incorporate the Engine Instrument Display System (EIDS); Electronic Propeller Control System (EPCS); Upgrade the current analog fuel system gauges to digital fuel system gauges; and, incorporate an IOS Remote Control Unit (RCU)**
- Relocation from Joint Reserve Base(JRB) McGuire, Ft Dix, Lakehurst (MDL), New Jersey to JRB Fort Worth, TX
- Industry Day **at JRB McGuire and NAS Patuxent River, MD – December 2015 following release of Draft technical documents**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III Competitive (LOT TBD)	<ul style="list-style-type: none">• Base Period Estimated to be 24 – 30 months	JAN 2016  RFP Release	JUL 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD, PDA Phone: (407) 380-8085 Email: brian.hicks@navy.mil	<ul style="list-style-type: none">• Estimated \$10M	<ul style="list-style-type: none">• Visual Upgrade conducted by J.F. Taylor, Inc. in 2001	



AV-8B Weapons System Trainer (WST) Tech Refresh

N61340-14-P1-PMA-205-0115

Description/Summary of Program Requirements

- Planned AV-8B Weapons Systems Trainer (WST) Technology Refresh includes Technology Upgrades and Operational Flight Program (OFP) Upgrade to the following training devices:
 - WSTs 2F150F - 3, and 5, located at Marine Corps Air Station (MCAS) Yuma*
 - WSTs 2F150F - 1, 2, and 4, located at MCAS Cherry Point, NC
- * Decision to Upgrade Yuma Devices dependent on Yuma squadron sundown plan

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> TSC III competitive (LOT is TBD) 	<ul style="list-style-type: none"> Base period plus any planned options 	<p>JUN 2016</p>  <p>RFP Release</p>	<p>DEC 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: CAPT Craig Dorrans</p> <p>Organization: PMA-205</p> <p>Phone: (301) 757-6944</p> <p>Email: Craig.Dorrans@navy.mil</p>	<ul style="list-style-type: none"> Estimated \$25M* 	<ul style="list-style-type: none"> Last upgrade completed by Indra Systems, Inc. Current OFP upgrade Contract-Cymstar underway (Est Completion Date: Aug 2016) 	



CH-53E FTD & APT Baseline Configuration Upgrade (BCU)

N61340-16-P1-PMA-205-0030

Description/Summary of Program Requirements

- Implement Technology Refresh to one (1) CH-53E Flight Training Device (FTD) and one (1) CH-53E Aircrew Procedures Trainer (APT) to reduce obsolescence issues and incorporate aircraft ECPs
- Delivery Locations: CH-53E FTD: Marine Corps Air Station (MCAS) Kaneohe Bay, HI; CH-53E APT: MCAS Futenma, Okinawa
- Initial RFI to Industry – **2nd Qtr FY16**
- Industry Day – **Date / Location TBD**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III competitive (LOT is TBD)	<ul style="list-style-type: none">• Base period FY17-19<ul style="list-style-type: none">• MCAS Kaneohe Bay FTD• MCAS Futenma APT	OCT 2016  RFP Release	MAR 2017  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">• TBD	<ul style="list-style-type: none">• N/A	



General Training Department





Dynamic Ejection Seat Trainer

N61340-15-P1-PMA-205-0011

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> TSC III Lot II 	12 months	JUN 2015  RFP Release	DEC 2015  Contract Award
NAME OF CONTRACTOR	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none"> Estimated \$2.8M 		

The information provided is for planning purposes and is subject to change without notice.



Multi-Station Disorientation Device

N61340-15-P1-131300G-0083

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• TBD	• 6 Months	DEC 2015  RFP Release	JUL 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$100K	• Migration Specialties	



Shore Based Radar Air Traffic Control Training Systems (SATS) -

N61340-17-P1-PMA-205-0048

Description/Summary of Program Requirements

- Device 15G31 Tech Refresh and installation/integration of Standard Terminal Automation Replacement System (STARS) training system and Visual Information Display System (VIDS) training system to (2) SATS Labs. **This effort is to improve voice recognition, Human to Machine Interface (HMI), reduce obsolescence issues and improve overall performance. NAWCTSD FEA completed May 2015.**
- Delivery Location: Air Traffic Control “A” School, Naval Air Technical Training Center (NATTC) Pensacola FL.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
•TSC III competitive Lot II	• 24 Months	AUG 2016 ▲ RFP Release	DEC 2016 ▲ Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$5.0M	• Symvionics	



Air Traffic Navigation, Integration, and Coordination System (ATNAVICS) Training Simulator - N6130-15-P1-PMA-205-0009

Description/Summary of Program Requirements

- The ATNAVICS Training Simulator program is designed to procure stand-alone portable training devices which replicate the Air Traffic Control functions of the AN/TPN-31 ATNAVICS to provide individual radar Air Traffic Control (ATC) training using voice recognition and/or psuedo-pilot capabilities along with the ability to create, edit and save training scenario's.
- Delivery Location: 29 Palms, Marine Corp Air Station (MCAS) Yuma, MCAS Camp Pendleton, MCAS Miramar, MCAS Cherry Point, MCAS New River, MCAS Beaufort, MCAS 24 (4th MAW), MCAS Futenma, MCAS Iwakuni.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• TSC III, Lot II	• 18 Months	MAR 2016 ▲ RFP Release	JUL 2016 ▲ Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$4.0M	• N/A	



Normo-baric Hypoxia Trainer (NHT)

N61340-15-P1-131300G-0082

Description/Summary of Program Requirements

- Normo-baric Hypoxia Trainers (NHT) consists of a permanently mounted rectangular sealed (unpressurized) chamber with aircraft flight stations for simulated Emergency Checklist Procedures (ECPs) training for hypoxia emergency scenarios. System is same as current Jet Reduced Oxygen Breathing Device and is a good evolution step forward to multi-placed aircraft such P-3s, P-8s, C-130s, C-17s, C-2s, E-2Cs, CODs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TBD 	<ul style="list-style-type: none"> • 12 months 	MAR 2016  RFP Release	4 th Qtr FY16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig L. Dorrans Organization: FMC-203 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none"> • Estimated \$2.4M 		

The information provided is for planning purposes and is subject to change without notice.



Virtual Reality Parachute Descent Trainer

N61340-15-P7-131300G-0084

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• TBD	• 12 Months	MAR 2016  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	• Estimated \$875K	• Systems Technology Inc	



Integrated Training/Training Ranges





Tactical Combat Training Systems Increment II (TCTS Inc II)

N61340-16-P1-PMA205-0013

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Full and Open Competition 	48 Months <ul style="list-style-type: none"> Engineering Manufacturing and Development (EMD) 60 Months <ul style="list-style-type: none"> 2 Low Rate Initial Production (LRIP) Lots 3 Full Rate Production (FRP) Lots Interim Contractor Logistics Support (CLS) 	JAN 2016 RFP Release	4th Qtr FY16 Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none"> TBD 	<ul style="list-style-type: none"> TCTS Inc I - Cubic 	



Common Acoustic Simulation Environment (CASE) Fidelity Improvement - N61340-15-P1-131300G-0090

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">Sole Source	<ul style="list-style-type: none">30 Months<ul style="list-style-type: none">Production48 months<ul style="list-style-type: none">CLS / Integration Support	FEB 2016  RFP Release	MAY 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none">\$10 - 14M	<ul style="list-style-type: none">Advanced Acoustics Concepts (AAC)	



Navy Aviation Distributed Training Center (NADTC)

N61340-16-P1-PMA-205-0025

Description/Summary of Program Requirements

- NADTC is a coordinated distributed training center that provides mission planning, mission execution, opposing force management, brief/debrief capability, and technical support to the fleet for Fleet System Training – Aviation (FST-A) events.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Competition TSC III Lot II, Small Business set aside 	30 Months • Phase 1 (Contract Entrance) • T1 • T2 • Interim Contractor Logistics Support (CLS)	OCT 2016  RFP Release	2 nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: CAPT Craig Dorrans Organization: PMA-205 Phone: (301) 757-6944 Email: Craig.Dorrans@navy.mil	<ul style="list-style-type: none"> APN-7 O&MN 	<ul style="list-style-type: none"> TBD 	

NEW ACQUISITION



Maritime Department





P-8A Deployed Mission Readiness Trainer

N61340-14-P1-131300G-0209

Description/Summary of Program Requirements

- Design and develop a quantity of **seven** Deployed Mission Readiness Trainer (DMRT) devices for three Foreign Operating Bases (FOB), **two Detachment sites, and the two Main Operating Bases (MOB)**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Sole Source 	<ul style="list-style-type: none"> • To be negotiated 	<p>APR 2015</p>  <p>RFP Released</p>	<p>APR 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil</p>	<ul style="list-style-type: none"> • FY14 and FY16 Aircraft Procurement funding 	<ul style="list-style-type: none"> • Boeing 	



P-8A FY15 Production Concurrency Upgrade (PCU)

N61340-15-P1-131300G-0017

Description/Summary of Program Requirements

- Simulator update to devices (OFT, WTT, PTT, TSSC), electronic classrooms, and courseware to increase fidelity, maintain hardware/software concurrency, and incorporate aircraft Engineering Changes Orders and deficiency corrections
- Three software/hardware releases (FY17-19)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Sole source 	<ul style="list-style-type: none"> • To be negotiated 	NOV 2014  RFP Released	DEC 2015  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> • FY15 Aircraft Procurement (APN) Funding 	<ul style="list-style-type: none"> • Boeing 	



MQ-8C Operator & Maintainer Courseware

N61340-16-P1-PMA266-0013

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">TDPC competitive (F/A II, Lot II)	<ul style="list-style-type: none">18-24 Months	NOV 2015 ▲ RFP Release	FEB 2016 ▲ Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">\$4M	<ul style="list-style-type: none">N/A	



MQ-8 Mission Control Station **Maintenance Training**

N61340-15-P1-131300G-0020

Description/Summary of Program Requirements

- LCS based MQ-8 Mission Control Station (MCS) Maintenance Courseware: **Deliver Immersive Virtual Ship Environment (IVSE) module integrated with LCS ET Combat Systems IVSE.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Sole Source (Cubic)	<ul style="list-style-type: none">• 24 Months	DEC 2015  RFP Release	MAR 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• TBD	<ul style="list-style-type: none">• Cubic (for LCS IVSE)	



Aviation Courseware Development

N61340-15-P1-131006-0067

Description/Summary of Program Requirements

- Numerous platforms in-production and in sustainment require revision, update and/or new development of Organizational and Intermediate maintenance (CNATTU) and operator (Pilot-AW FRS/Weapon School) courseware training materials.

NEW ACQUISITION

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Competitive IDIQ Small Business set aside 	<ul style="list-style-type: none"> 5 years 	NOV 2015  RFP Release	APR 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: Nv/CTSD/PDA Phone: (240) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> Estimated \$93M 	<ul style="list-style-type: none"> Various 	



P-8A FY16 Production Concurrency Upgrade (PCU)

N61340-16-P1-131300G-0003

Description/Summary of Program Requirements

- Simulator update to devices (OFT, WTT, PTT, TSSC), electronic classrooms, and courseware to increase fidelity, maintain hardware/software concurrency, and incorporate aircraft Engineering Changes Orders and deficiency corrections
- Three software/hardware releases (FY18-20)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Sole Source 	<ul style="list-style-type: none"> • TBD, pending the number and complexity of changes being introduced by the aircraft 	<p>JUL 2015</p>  <p>RFP Released</p>	<p>JUL 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil</p>	<ul style="list-style-type: none"> • FY14-FY17 Aircraft Procurement (APN) Funding 	<ul style="list-style-type: none"> • Boeing 	

RFP RELEASED



MQ-8C Avionics Maintenance Trainer (AMT) & Composite Maintenance Trainer (CMT) - N61340-15-P1-131300G-0022

Description/Summary of Program Requirements

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

ACQUISITION CANCELLED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Strategy TBD, pending approval 	<ul style="list-style-type: none"> • 24 months 	DEC 2015  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> • \$15M 	<ul style="list-style-type: none"> • N/A 	



MQ-8 Mission Control Station Trainer

N61340-15-P1-131300G-0021

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Strategy under review, pending FEA results and NAVSEA approval 	<ul style="list-style-type: none"> 24 Months 	MAR 2016  RFP Release	JUN 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none"> \$4.5M 	<ul style="list-style-type: none"> N/A 	

Merged with MQ-8 Mission Control Station Courseware



P-8A Device Tech Refresh

N61340-16-P1-131300G-0004

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Sole Source	<ul style="list-style-type: none">• To be negotiated	2 nd Qtr FY16  RFP Release	2 nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• FY18 Aircraft Procurement (APN) Funding	<ul style="list-style-type: none">• Boeing	



P-8A FY17 Production Concurrency Upgrade (PCU)

N61340-17-P1-131300G-0001

Description/Summary of Program Requirements

- Simulator update to devices (OFT, WTT, PTT, TSSC), electronic classrooms, and courseware to increase fidelity, maintain hardware/software concurrency, and incorporate aircraft Engineering Changes Orders and deficiency corrections
- Software/hardware releases TBD

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Sole Source	<ul style="list-style-type: none">• TBD, pending the number and complexity of changes being introduced by the aircraft	1 st Qtr FY17  RFP Release	1 st Qtr FY18  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Brian Hicks Organization: NAWCTSD PDA Phone: (407) 380-8085 Email: Brian.Hicks@navy.mil	<ul style="list-style-type: none">• FY17 Aircraft Procurement (APN) Funding	<ul style="list-style-type: none">• Boeing	

NAWCTSD



Mike Merritt

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**
 - **Seeking**
 - **Leveraging**
 - **Integrating**

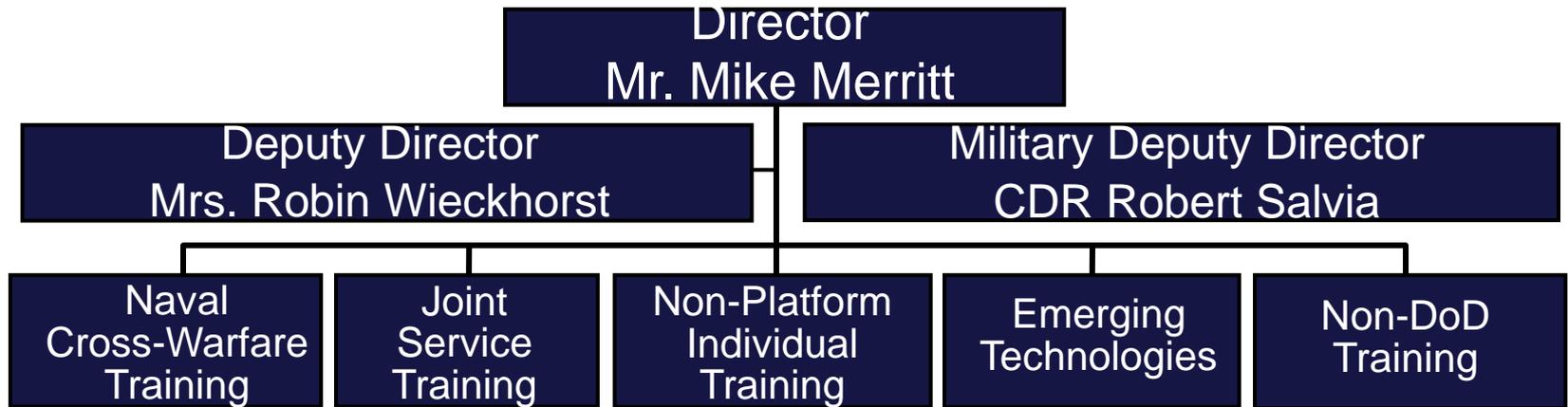


Disclaimer

- The information about to be presented affords industry partners insight into on-going and pending acquisitions.
- Significant portions of the information are planning in nature and are subject to change throughout the acquisition planning and acquisition strategy approval process, and in response to NAVAIRSYSCOM, DASN(A&LM) and DPAP peer reviews.



Cross-Warfare Organization





NROTC Electronic Classrooms

N61340-15-P1-136300G-0182

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • 8(a) Competitive (SBA acceptance pending) • Indefinite Delivery/Indefinite Quantity (ID/IQ) • Firm Fixed Price (FFP) Delivery Orders 	<ul style="list-style-type: none"> • 5 years 	<p>Nov 15</p>  <p>RFP Release</p>	<p>Jan 16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Mike Merritt</p> <p>Organization: NAWCTSD Cross-Warfare Programs</p> <p>Phone: 407-380-4595</p> <p>Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> • Total funding estimated at \$5M (O&M,N) 	<ul style="list-style-type: none"> • N61339-10-D-0011 • Incumbent is AIW, Inc. • OEM – Government Owned Software 	



Authoring Instructional Materials (AIM)

N61340-16-P1-136300G-0367

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">• Open Market (SBBSA)• Firm Fixed Price	<ul style="list-style-type: none">• 1 year plus 4 option years	Jan 16  RFP Release	Jun 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Contract value of up to \$25M (initial procurement and options)	<ul style="list-style-type: none">• Current vehicle is 5 years• Incumbent is AIMEREON INC• OEM – Government Owned Software	



Pilot and Aircrew Courseware R&M Strike Fighter/Electronic Warfare - N61340-15-P1-136300G-0138

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TDPC Competitive (F/A III, Lot II) 	<ul style="list-style-type: none"> • 3 years 	Feb 15  RFP Released	Nov 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> • Estimated \$15M • OM&N funded 	<ul style="list-style-type: none"> • Carley Corp 	



Pilot and Aircrew Courseware R&M Navy Helicopter

N61340-15-P1-136300G-0393

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of SH-60F, HH-60H, MH-60R/S, MQ-8B/C, Organic Airborne Mine Countermeasures Atlantic/Pacific, Helicopter Maritime Strike Weapons School Atlantic/Pacific, Helicopter Sea Combat Weapons School Atlantic/Pacific, located at, Naval Station (NS) Norfolk, VA., NS Mayport, FL., and Naval Air Station (NAS) North Island, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TDPC Competitive (F/A III, Lot II) 	<ul style="list-style-type: none"> • 4 years 	Sep 15  RFP Release	Apr 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> • Estimated \$10M • OM&N funded 	<ul style="list-style-type: none"> • TIE Today 	



Pilot and Aircrew Courseware R&M USMC

N61340-16-P1-136300G-0023

Description/Summary of Program Requirements

- Revision and Maintenance (R&M) of AV-8, MH/CH-53, KC-130J, AH-1, UH-1, HH-1 and CH-46 Fleet Readiness Squadron (FRS) Pilot and Aircrew Training Programs located at Marine Corps Air Stations (MCAS) Cherry Point, NC., MCAS Yuma, AZ., MCAS New River, NC., Marine Air Group 24, Marine Corps Base Hawaii (MCBH), Kaneohe Bay, HI., Airborne Weapons Systems Training School, Naval Station (NS) Norfolk, VA., Aviation Training Unit (ATU), MCAS Cherry Point, NC./MCAS Miramar, CA and KC-130J ATU, Camp Pendleton, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TDPC Competitive (F/A III, Lot II) 	<ul style="list-style-type: none"> • 5 years 	Jun 16  RFP Release	2 nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> • Estimated \$15M • OM&N funded 	<ul style="list-style-type: none"> • CTI 	



Pilot and Aircrew Courseware R&M E-2/C-2/LSO

N61340-16-P1-136300G-0021

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TDPC Competitive (F/A III, Lot II)	<ul style="list-style-type: none">• 4 years	Sep 16  RFP Release	Mar FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$5M• OM&N funded	<ul style="list-style-type: none">• SSE	



Pilot and Aircrew Courseware R&M Maritime

N61340-16-P1-136300G-0022

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TDPC Competitive (F/A III, Lot II)	<ul style="list-style-type: none">• 5 years	3 rd Qtr FY17  RFP Release	2 nd Qtr FY18  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$10M• OM&N funded	<ul style="list-style-type: none">• SSE	



Fielded Training Systems Support (FTSS IV) MAC

N61340-16-P1-136300G-0006

Description/Summary of Program Requirements

- Multiple Award Contract to cover recurring FTSS sustainment requirements:
 - Scope: Primarily Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS).
 - Ancillary FTSS services include but are not limited to; Training Device Relocations, Training Systems Management, minor modification support, and in-service engineering support.
 - Supports aviation and non-aviation customers
 - Draft RFP issued Dec 2014, Final RFP 3 Jun 2015, 60 day proposal period

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Follow-on to FTSS III, Competitive • Two Lots: Lot 1 Unrestricted and Lot 2 Partial Small Business Set-Aside • PSC: J069, Maint, Repair of Equipment (Training Aids & Devices) • NAICS: 541330 (Military Exception, size standard of \$35.5M) 	<ul style="list-style-type: none"> • 5-year ordering period with one year of on-hand inventory • 12-month task orders 	<p>Jun 15</p>  <p>RFP Released</p>	<p>May 16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> • Estimated ceiling \$1.75 B 	<ul style="list-style-type: none"> • FTSS III • Unrestricted MAC: eight contractors • Small Business Set -Aside MAC: five contractors 	



F/A-18 COMS/CIS

N61340-16-P1-136300G-0408

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • FTSS IV competitive Lot I 	<ul style="list-style-type: none"> • 4.75 years 	Jun 15  RFP Released	May 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> • Estimated \$80-90M 	<ul style="list-style-type: none"> • L-3 Link Simulation and Training 	



C-9B COMS/CIS

N61340-16-P1-136300G-0007

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV competitive Lot II	<ul style="list-style-type: none"> • 5 years 	Jun 15  RFP Released	May 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> • Estimated \$7.5 - \$8.5M 	<ul style="list-style-type: none"> • FTSS Joint Venture 	



USMC ATS COMS/CIS

N61340-16-P1-136300G-0001

Description/Summary of Program Requirements

- Contractor Operation and Maintenance Services (COMS), Contractor Instructional Services (CIS), and Training Systems Management (TSM) on behalf of Commander Naval Air Forces Atlantic (AIRLANT), Commander Naval Air Forces Pacific (AIRPAC), and Center for Naval Aviation Technical Training (CNATT) to support Marine Corps devices and requirements at MCAS Cherry Point, New River, MCAS Miramar, Camp Pendleton, Kaneohe Bay, Hawaii, and MCAS Yuma.
- **Draft RFP released October 2015**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • FTSS III competitive Lot I 	<ul style="list-style-type: none"> • 4.5 years 	Dec 15  RFP Release	Jun 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none"> • Estimated \$90-100M 	<ul style="list-style-type: none"> • Cubic 	



Contractor Instructional Serv., Atlantic (CISLANT)

N61340-16-P1-136300G-0002

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• FTSS III Competitive Lot I	<ul style="list-style-type: none">• 5 years	Jan 16  RFP Release	4 rd Qtr FY16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$70-80M	<ul style="list-style-type: none">• Computer Sciences Corporation (CSC)	



Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• FTSS IV Competitive Lot I	<ul style="list-style-type: none">• 5 years	Jun 16  RFP Release	1 st Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$35M	<ul style="list-style-type: none">• Fidelity Technologies	



Maritime Plus COMS

N61340-17-P1-136300G-0004

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• FTSS IV Competitive Lot I	• 5 years	2nd Qtr FY17  RFP Release	4 th Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	• Estimated \$80-100M	• Boeing	



Command Aircraft Crew Training (CACT) C-20 A/D

N61340-15-P1-136300G-0218

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Open Market (unrestricted)	<ul style="list-style-type: none">• 5 years	Dec15  RFP Release	Jun 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$2M	<ul style="list-style-type: none">• Flight Safety International	



Command Aircraft Crew Training (CACT) C-26D

N61340-15-P7-136300G-0529

Description/Summary of Program Requirements

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

CONTRACT AWARDED

<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> Open Market Sole Source (J&A approved) 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> 5 years 	<p>MILESTONES</p> <table border="0"> <tr> <td style="text-align: center;">Jan 15 ▲ RFP Released</td> <td style="text-align: center;">Aug 15 ▲ Contract Award</td> </tr> </table>		Jan 15 ▲ RFP Released	Aug 15 ▲ Contract Award
Jan 15 ▲ RFP Released	Aug 15 ▲ Contract Award				
<p>POINT OF CONTACT</p> <p>Name: Mr. Mike Merritt Organization: NAWC Cross-Warfare Program Phone: 407-320-5595 Email: mike.merritt@navy.mil</p>	<p>FUNDING</p> <ul style="list-style-type: none"> Estimated \$3M 	<p>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</p> <ul style="list-style-type: none"> Flight Safety International 			



Command Aircraft Crew Training (CACT) C-40A Pilot

N61340-17-P1-136300G-0008

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Open Market (unrestricted)	<ul style="list-style-type: none">• 5 years	1 st Qtr FY17  RFP Release	2 nd Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Estimated \$4M	<ul style="list-style-type: none">• Flight Training International	



Command Aircraft Crew Training (CACT) C-40A Maintenance

N61340-16-R1-136300G-0013

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Open Market (unrestricted) 	<ul style="list-style-type: none"> 5 years 	<p>Aug 15</p>  <p>RFP Release</p>	<p>Jan 16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> Estimated at \$4.9M total 	<ul style="list-style-type: none"> Delta Air Lines, Inc. 	



Command Aircraft Crew Training (CACT) UC-35

N61340-15-P1-136300G-0019

Description/Summary of Program Requirements

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

CONTRACT AWARDED

<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> Open Market Sole source (J&A Approved) 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> 5 years 	<p>MILESTONES</p> <table border="0"> <tr> <td data-bbox="1263 567 1449 775"> <p>Jun 15</p>  <p>RFP Release</p> </td> <td data-bbox="1449 567 1870 775"> <p>Sep 15</p>  <p>Contract Award</p> </td> </tr> </table>		<p>Jun 15</p>  <p>RFP Release</p>	<p>Sep 15</p>  <p>Contract Award</p>
<p>Jun 15</p>  <p>RFP Release</p>	<p>Sep 15</p>  <p>Contract Award</p>				
<p>POINT OF CONTACT</p> <p>Name: Mr. Mike Merritt Organization: NAWC Cross-Warfare Program Phone: 407-320-7595 Email: mike.merritt@navy.mil</p>	<p>FUNDING</p> <ul style="list-style-type: none"> Estimated \$12.2M 	<p>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</p> <ul style="list-style-type: none"> Flight Safety International 			



Intelligent Tutoring Authoring and Delivery System II (ITADS-II)

N61340-15-P7-136300G-0411

Description/Summary of Program Requirements

- Continue research and development of the intelligent tutor concepts as it applies to Navy Information Technology training system for inclusion as one component in the Center for Information Dominance (CID) Navy Information System Technician (IT) Accession Level Pipeline Training.
- Utilizing the applied research/framework/demonstration delivered in ITADS-I, complete engineering/manufacturing/development and deliver a prototype Intelligent Tutor course of instruction based on the Navy Information System Technician (IT) curriculum.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Broad Agency Announcement (BAA) • Sole Source 	<ul style="list-style-type: none"> • 3 years (TBD) 	<p>Jun 15</p>  <p>RFP Released</p>	<p>Sep 15</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mike Merritt Organization: NAWC/ITSD Operational Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> • Funding TBD 	<p>Telecommunications Systems, Incorporated (TCS)</p>	

ACQUISITION CANCELLED



NAWCTSD ISEO CSS Contract Re-Compete

N61340-15-P7-136300G-0386

Description/Summary of Program Requirements

NAWCTSD requires Contractor Support Services (CSS) for In-Service Engineering Office Support. The CSS requirements are for temporary augmentation of the NAWCTSD work force. Includes ISD and Materials Procurement.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Small Business Set Aside• CPFF contract	<ul style="list-style-type: none">• 5 years	Dec 2015  RFP Release	May 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Est \$75M. (O&M, RDTE, PROC)	<ul style="list-style-type: none">• N00178-10-D-6407• Zenetex	



TH-57 Aircrew Training Systems (ATS)

N61340-16-P1-136300G-0014

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">TBD	<ul style="list-style-type: none">7 years total with severable one-year options	Mar 16  RFP Release	4 th Qtr FY16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">O&MN funded	<ul style="list-style-type: none">N/A	



DLM: FRC In-Service Support Center (FRC-ISSC)

N61340-15-P1-136300G-0389

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Open Market (SBSA) Indefinite Delivery/Indefinite Quantity (ID/IQ) Cost Plus Fixed Price (CPFF) Task Orders 	<ul style="list-style-type: none"> 5 years 	<p>Jan 15</p>  <p>RFP Release</p>	<p>3rd Qtr FY16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> Total funding estimated at \$49.9M <ul style="list-style-type: none"> O&M AP 5, 7 Working Capital Funds 	<ul style="list-style-type: none"> N61340-11-D-1010 Incumbent is Andromeda Systems Inc. 	



DLM: 4.0 Engineering

N61340-15-P1-136300G-0390

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> Open Market (SBSA) Indefinite Delivery/Indefinite Quantity (ID/IQ) Cost Plus Fixed Price (CPFF) Task Orders 	<ul style="list-style-type: none"> 5 years 	<p>Apr 15</p>  <p>RFP Release</p>	<p>Oct 16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> Total funding estimated at \$49.9M <ul style="list-style-type: none"> O&M (include Air Force) FMS RDT&E AP (includes Air Force) 1, 2, 3, 4, 5, 7 Working Capital Funds 	<ul style="list-style-type: none"> N61340-15-D-0002 Incumbent is LTM, Inc. 	



DLM: Contractor Maint. Support Services (CMSS)

N61340-15-P1-136300G-0391

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • 8a Competitive • Indefinite Delivery/Indefinite Quantity (ID/IQ) • Firm Fixed Price (FFP) 	<ul style="list-style-type: none"> • Base w/four option years 	<p>Feb 16</p>  <p>RFP Release</p>	<p>4th Qtr FY16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> • Total funding estimated at \$33M <ul style="list-style-type: none"> • NWCFC 		<ul style="list-style-type: none"> • N61340-12-C-0008 • Incumbent Tyonek Worldwide Services Inc.



DLM: E2C2 (East) Radar and Avionics Systems

N61340-15-P1-136300G-0392

Description/Summary of Program Requirements

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

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Open Market Sole Source• Indefinite Delivery/Indefinite Quantity (ID/IQ)• Firm Fixed Price (FFP)	<ul style="list-style-type: none">• Base w/four option years	Mar 16  RFP Release	4 th Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil	<ul style="list-style-type: none">• Total funding estimated at \$3M<ul style="list-style-type: none">• OM&N		<ul style="list-style-type: none">• N61340-13-C-0009• Incumbent Northrop Grumman Technical Services Inc.



DLM: E2C2 (West) Radar and Avionics Systems

N61340-15-P1-136300G-0394

Description/Summary of Program Requirements

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

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Small Business Set Aside Competitive • Indefinite Delivery/Indefinite Quantity (ID/IQ) • Firm Fixed Price (FFP) 	<ul style="list-style-type: none"> • Base w/four option years 	<p>Mar 16</p>  <p>RFP Release</p>	<p>4th Qtr FY17</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Mike Merritt Organization: NAWCTSD Cross-Warfare Programs Phone: 407-380-4595 Email: mike.merritt@navy.mil</p>	<ul style="list-style-type: none"> • Total funding estimated at \$3M <ul style="list-style-type: none"> • OM&N 	<ul style="list-style-type: none"> • N61340-13-C-0008 • Incumbent Northrop Grumman Technical Services Inc. 	

NAWCTSD



Paul Honold

Director, Surface & Undersea Programs



Program Directorate, Surface & Undersea Organization

Director
Mr. Paul Honold

Surface & Expeditionary Warfare Programs

LCS TSEA Deputy Ms. Mary Driskel	Deputy Director Mr. Alan Litz	Military Deputy CDR Chris Korn
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Surface Warfare Officer Training	Combat Systems Training	Propulsion Engineering Training
Littoral Combat Ship Training Project Office	Navigation, Seamanship & Shiphandling	Amphibious Warfare Training

Fire Fighting & Damage Control	Operations, Maintenance & Instructor Services
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Undersea Programs

Deputy Director Mr. David Williams	Military Deputy CDR In Ha
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MRTS 3D™ Weapons Systems	MRTS 3D™ Auxiliary Systems	Legacy MRTS Communication
Submarine Fire Fighting	Navigation	Hull, Mechanical & Electrical

Contractor Maintenance Services	Integrated Undersea Surveillance
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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.



Submarine Skills Network/VISIT

N61340-17-P1-136200G-0001

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Open market (SBSA) • Single Award ID/IQ 	<ul style="list-style-type: none"> • 5 year ordering period • Individual Delivery Orders will specify Period of Performance based on the requirement 	2 ND Qtr FY17  RFP Release	4 TH Qtr FY17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> • Type: Various depending on task & sponsor • Projected up to \$13.5M total over 5 year period 	<ul style="list-style-type: none"> • N61340-12-D-0007 • Incumbent – Technical Support Services 	



Multipurpose Reconfigurable Training System IDIQ

N61340-14-P1-136200G-0001

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Delivery Orders, MRTS ID/IQ (Pro-Active)	<ul style="list-style-type: none">• 5 year ordering period	Multiple  RFP Released	Multiple  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• Type: Various depending on task & sponsor• Projected up to \$45M	<ul style="list-style-type: none">• N61340-15-D-0003• Pro-Active Technologies, Inc	



Undersea Firefighting Trainers

N61340-15-P1-136200G-0001

Description/Summary of Program Requirements

- Provide Next Generation Fire Fighting Trainers (FFTs) at Submarine Learning Center fleet training sites.
- Replacement FFTs are included in the budget submission.
- Analysis of requirements and trainer options for Next Generation FFT completed and option decision is in process. Expectation is that new trainer's design will be based on commercial standards for live fire trainers similar to those employed by municipal fire departments.
- **Decision on using existing facilities or installing specialized props has not been made. Facility study is in progress. Will likely delay RFP release.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Open market (unrestricted) • Priced options for each trainer (strategy pending approval) 	<ul style="list-style-type: none"> • To be determined 	<p>Dec 16</p>  <p>RFP Release</p>	<p>Jun 17</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none"> • Type: To be determined • Estimated total value, \$25M for 7 systems over a 5-year period 	<ul style="list-style-type: none"> • Kidde Corp 	



Submarine CMS

N61340-17-P1-136200G-0002

Description/Summary of Program Requirements

- Provide Contractor Maintenance Services (CMS) (FY17 through FY22) for NAWCTSD fielded trainers at the following Submarine Learning Center (SLC) Fleet Training Sites: Naval Submarine School, Groton, CT; Submarine Learning Facility (SLF), Norfolk, VA; Naval Submarine Training Center Pacific, Pearl Harbor, HI; Submarine Learning Center Detachment, San Diego, CA; Trident Training Facility (TTF) Bangor, WA; TTF Kings Bay, GA.
- Flexibility to prioritize requirements is key to approach
- Procurement Planning Conference (internal strategy and milestones) held 12 Nov

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • FTSS III competitive (Lot 1) • CPFF 	<ul style="list-style-type: none"> • One month mobilization • One Base Period – 11 Months • Four One Year Options – 48 Months 	<p>May 16</p>  <p>RFP Release</p>	<p>Nov 16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none"> • Type: O&MN • Base Year Estimate: \$4.4M 	<ul style="list-style-type: none"> • N61340-11-D-1005-0002 • Incumbent - Fidelity Technologies Corp 	

NAWCTSD



Paul Honold

Director, Surface and Undersea Warfare Programs



AEGIS Ashore A3C4I Maintenance Training Upgrade

N61340-16-P1-136100G-007

Description/Summary of Program Requirements

- Design, develop, integrate, test and deliver, AEGIS Ashore Assured Command, Control, Communications, Computers and Intelligence (A3C4I) - Maintenance Training Upgrade, to support AEGIS Ashore Missile Defense System (AAMDS), A3C4I maintenance personnel training. A3C4I is a subsystem of the AEGIS Ashore Team Trainer (AATT), Device 20F27.
- A PC-based Open-architecture for Reconfigurable Training Systems (PORTS) simulation application.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none">• Delivery Order, PORTS ID/IQ (NGIS)	<ul style="list-style-type: none">• 18 months	<table><tr><td data-bbox="1286 579 1653 770">Mar 16  RFP Release</td><td data-bbox="1663 579 1858 770">Jun16  Contract Award</td></tr></table>	Mar 16  RFP Release	Jun16  Contract Award
Mar 16  RFP Release	Jun16  Contract Award			
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$2M FY16 (estimate)• Funding dependent on out year budget stability	<ul style="list-style-type: none">• Northrop Grumman Information Systems		



AEGIS Ashore Team Trainer (AATT) Ballistic Missile Defense (BMD) 5.1 Capabilities

N61340-16-P1-136100G-0032

Description/Summary of Program Requirements

- Through TSC III Exception to Fair Opportunity (EFO), design, develop, integrate, test and deliver, AATT BMD 5.1 capabilities to support AEGIS Ashore Missile Defense System (AAMDS) watch team BMD qualification and certifications requirements conducted at CSCS Unit Dam Neck VA.
- Scope will include establishment of an in-plant support system, simulation software development and modification, AEGIS Baseline 9B updates, hardware technical refresh, configuration management, and other actions as specified.
- Multiple delivery orders are projected over period of performance. Initial FY16 contract actions include procurement and setup of the AATT In-Plant Support System at Lockheed Martin Mission Systems and Training facility in Moorestown, NJ.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III sole source (EFO approval pending) 	<ul style="list-style-type: none"> • FY16-FY19 	Dec 15 RFP Release	Apr 16 Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWC Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> • \$24M (estimate) • Funding is dependent on out year budget stability 	<ul style="list-style-type: none"> • Lockheed Martin Mission Systems & Training, Moorestown 	

NEW ACQUISITION



Tactical Data Coordinator (TDC)

NA1240-15-D1-126100G-0040

Description/Summary of Program Requirements

- Tech refresh of training system hardware at supported sites, develop software updates based on existing change requests and deployed tactical systems; update Instructor Led Training (ILT) materials; implement Information Assurance (IA) requirements; test and deploy new software baseline.
- PC-based Open-architecture for Reconfigurable Training Systems (PORTS) Tactical Data Link (TDL) Trainer, Device 20F24.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Delivery Order, PORTS ID/IQ (NGIS) 	<ul style="list-style-type: none"> • 24 months 	<p>Jul 15</p>  <p>RFP Released</p>	<p>Sep 15</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Paul Horne Organization: VTS, DSJU Phone: 407 880-4111 Email: paul.horne@navy.mil</p>	<ul style="list-style-type: none"> • \$8.41M awarded Sept 2015 • \$3.02M funded • Future funding dependent on out year budget stability 	<ul style="list-style-type: none"> • Northrop Grumman Information Systems 	

CONTRACT AWARDED



Mission Package Training System (MPTS) / Multi-Mission Tactical Trainer (MMTT) N61340-16-P1-136100G-0031

Description/Summary of Program Requirements

- Navy Reserve MPTS installations, MPTS MCM and SUW maintenance, MMTT TECR fixes
- PC-based Open-architecture for Reconfigurable Training Systems (PORTS) Mission Package Training System (MPTS) Trainer, Device 20F25, and Multi-Mission Tactical Trainer (MMTT) Device 20F23.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Delivery Order, PORTS ID/IQ (NGIS) 	<ul style="list-style-type: none"> • 18-24 months (estimated) 	Jan 16  RFP Release	Mar 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWC Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> • \$3M (estimated) • Future funding dependent on out year budget stability 	<ul style="list-style-type: none"> • Northrop Grumman Information Systems 	

NEW ACQUISITION



PORTS ID/IQ Contract (Re-compete)

N61340-16-P1-136100G-0002

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Open Market (unrestricted) 	<ul style="list-style-type: none"> • FY17-FY22 	Mar 16  RFP Release	1 st Qtr FY 17  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> • \$50M ceiling estimated • Funding dependent on out-year budget stability 	<ul style="list-style-type: none"> • N61340-11-D-0005 • Northrop Grumman Information Systems 	



DDG-1000 Full Mission Bridge Trainer Phase II

N61340-16-P1-136100G-0004

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III competitive (Lot is TBD) 	<ul style="list-style-type: none"> • 24 months 	<p>Apr 16</p>  <p>RFP Release</p>	<p>Aug 16</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none"> • \$2.25M • Funding dependent on out year budget stability 	<ul style="list-style-type: none"> • Thales Defense and Security (Phase I) 	



NAVFAC Curriculum ID/IQ Contract

N61340-15-P1-136100G-0017

Description/Summary of Program Requirements

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

CONTRACT AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> • 8(a) sole source (SBA accepted) H2 IT Solutions • ID/IQ Contract 	<ul style="list-style-type: none"> • 5 year ordering period 	Jul 15  RFP Release	Sep 15  Contract Award	
POINT OF CONTACT		FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Horvath Organization: NAVFAC/CTS/DSO/J Phone: 407 880-4100 Email: paul.horvath@navy.mil		<ul style="list-style-type: none"> • \$4.0M ceiling estimated • Funding dependent on out-year budget stability 	<ul style="list-style-type: none"> • N/A 	



NSS Contractor Instructor Services

N61340-16-P1-136100G-0006

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• FTSS III competitive Lot I	<ul style="list-style-type: none">• Base year with 4 option years	Mar 16  RFP Release	July 16  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$4.8M base year base year estimate, ~\$24M, 5 year cumulative• Funding dependent on out year budget stability	<ul style="list-style-type: none">• LB&B Associates	



Device 19E51 (DDG-51/LHD-8 Class MCSMT)

N61340-15-P1-136100G-0077

Description/Summary of Program Requirements

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

CONTRACT AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Delivery Order, LVCMS ID/IQ (Alion) 	<ul style="list-style-type: none"> • 24 months (estimated) 	June 11  RFP Released	31 July 15  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Horne Organization: VCS, DSOU Phone: 407 880-4100 Email: paul.horne@navy.mil	<ul style="list-style-type: none"> • \$5M FY15 (estimated) • \$7M Total 	<ul style="list-style-type: none"> • Alion Science and Technology Corporation 	



Device 19G4A (DDG-51 Class MCS Operator Trainer Hybrid Electric Drive (HED) - Electric Propulsion System (EPS) Operator Trainer Upgrade - N61340-15-P1-136100G-0076

Description/Summary of Program Requirements

- Upgrade the existing 19G4A MCS software baseline to incorporate DDG-51 HED-EPS functionality. Field S/W application to Device 19G4A Trainers located at the Surface Warfare Officers Schools Command Unit (SWOSCOLCOM) Learning Sites: Great Lakes, Illinois (IL), Norfolk, Virginia (VA), and San Diego, California (CA).
- Effort delayed - NSWCCD (Philadelphia) H.E.D. MCS design not yet mature (anticipate FY-16 action).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Delivery Order, LVCMS ID/IQ (Alion)	<ul style="list-style-type: none">• 18- 20 months (estimated)	<p>TBD</p>  <p>RFP Release</p>	<p>TBD</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• \$1.3M (estimated)	<ul style="list-style-type: none">• Alion Science and Technology Corporation	



Device 19H6 (DDG-51/LHD-8 Class MCST)

N61340-16-P7-136100G-0027

Description/Summary of Program Requirements

- Contract N61340-14-D-0002 modification of Delivery Order 0010 (19E51) to include LHD-8 Class Machinery Control System (MCS) Virtual Operator Trainer procurement. Trainer will be located at the Surface Warfare Officers Schools Command Unit (SWOSCOLCOM) Learning Site Great Lakes, Illinois (IL).
- This modification will result in concurrent LHD-8 Operator Trainer requirements analysis, design, installation, testing, and delivery with Device 19E51. The software will be configured to provide LHD-8 MCS Operator trainer capability on existing Device 19G4A trainer hardware located at SWOSCOLCOM Learning Sites; Great Lakes, IL, Norfolk, VA, and San Diego, CA.
- As a result of this modification, the Device 19E51 designation has been revised to accurately reflect the LHD-8 machinery control and operator training capability. The new Device designation is 19H6, DDG-51/LHD-8 Machinery Control System Trainer (MCS).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Delivery Order, LVCMS ID/IQ (Alion) 	<ul style="list-style-type: none"> • 21-23 months 	Nov 15 RFP Release	Jan 16 Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWC Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> • \$1.3M FY16 (estimate) 	<ul style="list-style-type: none"> • Alion Science and Technology Corporation 	

NEW ACQUISITION



Fire Fighter Trainer PC-ADA to Programmable Logic Controller (PLC) Modification - N61340-15-P1-136100G-0047

Description/Summary of Program Requirements

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

<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> TSC III Competitive Lot II 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> Base Period: Nov 2016 delivery 4 Option Periods which can extend delivery through August 2020 if exercised 	<p>MILESTONES</p> <table border="0"> <tr> <td style="text-align: center;">July 2015</td> <td style="text-align: center;">Sept 2015</td> </tr> <tr> <td style="text-align: center;">▲</td> <td style="text-align: center;">▲</td> </tr> <tr> <td style="text-align: center;">RFP Update Release</td> <td style="text-align: center;">Contract Award</td> </tr> </table>		July 2015	Sept 2015	▲	▲	RFP Update Release	Contract Award
July 2015	Sept 2015								
▲	▲								
RFP Update Release	Contract Award								
<p>POINT OF CONTACT</p> <p>Name: Mr. Paul Horne Organization: NAWC PMS 300 DSOU Phone: 407 880-4100 Email: paul.horne@navy.mil</p>	<p>FUNDING</p> <ul style="list-style-type: none"> \$2.5M (Base, Great Lakes and Norfolk) 	<p>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</p> <ul style="list-style-type: none"> N/A 							

CONTRACT AWARDED



LCS Combat Systems Part-Task Trainers

N61340-15-P1-136100G-0200

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• Included in EFO with Lockheed Martin for ITT 1	<ul style="list-style-type: none">• 6-8 months	<p>TBD</p>  <p>RFP Release</p>	<p>Dec 15</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none">• Funding year TBD	<ul style="list-style-type: none">• Lockheed Martin	



SWOS LCS TAO Curriculum

N61340-15-P1-136100G-0201

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> • Delivery Order, SWOS Curriculum ID/IQ (A. Harold) 	<ul style="list-style-type: none"> • March 2017 	<p>Sep 15</p>  <p>RFP Release</p>	<p>Sep 15</p>  <p>Contract Award</p>	
POINT OF CONTACT		FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Paul Harold Organization: VTS, DSOJ Phone: 407 880-4100 Email: paul.harold@navy.mil</p>		<ul style="list-style-type: none"> • \$0.75M (estimated) 	<ul style="list-style-type: none"> • A Harold and Associates 	

CONTRACT AWARDED



LCS 1 Integrated Tactical Trainer (ITT) - Mayport

N61340-16-P1-136100G-0005

Description/Summary of Program Requirements

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

RFP RELEASED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III sole source (EFO approved) 	<ul style="list-style-type: none"> • 18 months 	17 Jul 15 RFP Released	Jan 16 Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Mr. Paul Honold Organization: NAWCTSD, F-35 S&U Phone: 407-380-4160 Email: paul.honold@navy.mil	<ul style="list-style-type: none"> • \$18.5M FY16 (estimate) • Option CLIN funding is dependent on out year budget stability 	<ul style="list-style-type: none"> • Lockheed Martin Mission Systems & Training, Moorestown 	



LCS 2 Integrated Tactical Trainer (ITT) - San Diego

N61340-16-P1-136100G-0003

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none">• Open market sole source (J&A approval pending)• Reviewing sources sought responses. Considering competitive	<ul style="list-style-type: none">• 18 months	<table><tr><td data-bbox="1282 583 1657 769"><p>Nov 16</p><p>RFP Release</p></td><td data-bbox="1663 583 1856 769"><p>June 17</p><p>Contract Award</p></td></tr></table>	<p>Nov 16</p>  <p>RFP Release</p>	<p>June 17</p>  <p>Contract Award</p>
<p>Nov 16</p>  <p>RFP Release</p>	<p>June 17</p>  <p>Contract Award</p>			
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
<p>Name: Mr. Paul Honold Organization: NAWCTSD, PDS&U Phone: 407-380-4160 Email: paul.honold@navy.mil</p>	<ul style="list-style-type: none">• \$18.5M FY16 (estimate)• Option CLIN funding is dependent on out year budget stability	<ul style="list-style-type: none">• General Dynamics Advanced Information Systems (GDAIS)		



LCS 2 ITT Visual Display System - San Diego

N61340-15-P7-136100G-0123

Description/Summary of Program Requirements

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

CONTRACT AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> • TSC III sole source (EFO approval pending) 	<ul style="list-style-type: none"> • 8 months 	<p>9 Jun 2015</p>  <p>RFP Released</p>	<p>Sept 15</p>  <p>Contract Award</p>	
POINT OF CONTACT		FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Mr. Paul Horne Organization: NAWC PDS/J Phone: 407 880-4100 Email: paul.horne@navy.mil</p>		<ul style="list-style-type: none"> • \$850K FY15 (estimate) 	<ul style="list-style-type: none"> • Computer Science Corporation (CSC) 	

NAWCTSD



Aida Matta
Director, International Programs

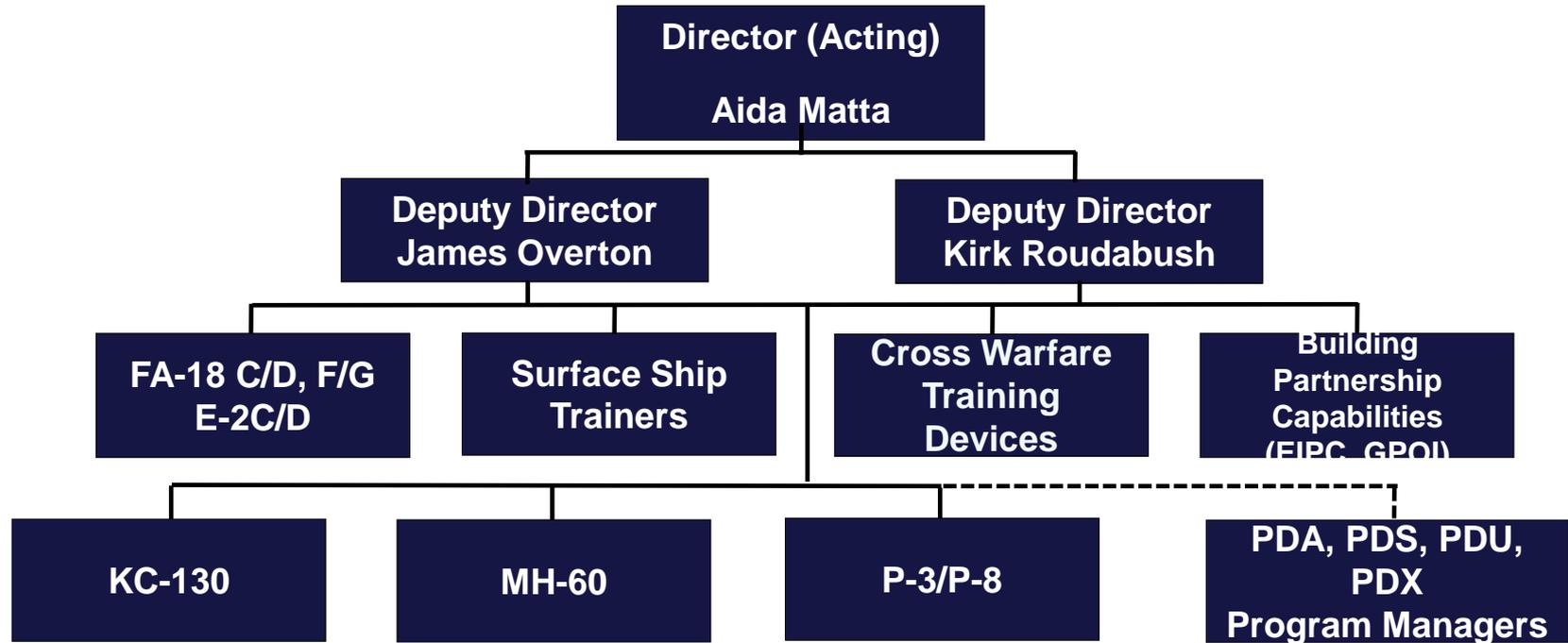


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International Programs Organization





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.



France – E-2C Tactics Trainer Upgrade

N61340-15-PZ-PMA-231-0040

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III sole source (EFO approved) • Pending LOA 	<ul style="list-style-type: none"> • Estimated 24 months 	<p style="color: red; text-align: center;">Jun 2016</p> <div style="text-align: center;">  RFP Release </div>	<p style="color: red; text-align: center;">Feb 2017</p> <div style="text-align: center;">  Contract Award </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none"> • Estimated \$15M-\$20M 	<ul style="list-style-type: none"> • Original Developer: NGC 	



Japan – E-2D Tactics Trainer

N61340-16-P3-PMA-231-0041

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III sole source (EFO approved)• Pending LOA	<ul style="list-style-type: none">• Estimated 30 months	May 2016  RFP Release	Dec 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none">• Estimated \$35M-\$40M	<ul style="list-style-type: none">• N/A	



Brazil-S70B Tactical Operational Flight Trainer (TOFT)

N61340-15-P1-1363100G-0198

Description/Summary of Program Requirements

- Procure one (1) Tactical Operational Flight Trainer (TOFT) consisting of Operational Flight Trainer (OFT) and Weapons Tactics Trainer (WTT)
- Provide support in the form of Instructor/Operator/Maintenance Training Courses, Contractor Logistics Support (CLS) for up to 4 years, provisioning of spares and technical manuals

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
• TSC III competitive Lot I	• Estimated 30 months	Jan 2017  RFP Release	Nov 2017  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	• Estimated \$25M	• N/A	



Australia - MH-60R Maintenance & Crew Trainers

N61340-15-P7-PMA-299-0204

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III sole source (EFO approved) 	<ul style="list-style-type: none"> • Estimated 24 months 	Sept 2015  RFP Released	Jun 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: Aida.Matta@navy.mil	<ul style="list-style-type: none"> • Estimated \$15M 	<ul style="list-style-type: none"> • N/A 	

RFP RELEASED



Saudi Arabia - MH-60R SNEP II Training System

N61340-16-P1-141000G-0002

Description/Summary of Program Requirements

- Procure the following training systems for the Saudi Naval Expansion Program II in support of the MH-60R:
 - One (1) H-60 Tactical Operational Flight Trainer (Non-Motion) (Containerized) (CLS Five (5) Years - Three (3) US / Two (2) Saudi) – **TOFT effort will not be contracted through NAWCTSD**
 - One (1) Operator Machine Interface Assistant/Acoustic Training System (OMIA/ATS)
 - CLS Four (2) Years for OMIA/ATS device – Saudi

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • LOA Signed • OMIA - Open market sole source (D&F approved) 	<ul style="list-style-type: none"> • Estimated 6 Months 	<p>Aug 2016</p>  <p>RFP Release</p>	<p>Aug 2017</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Aida Matta</p> <p>Organization: NAWCTSD, International</p> <p>Phone: 407-381-8648</p> <p>Email: Aida.Matta@navy.mil</p>	<ul style="list-style-type: none"> • Estimated \$970K 	<ul style="list-style-type: none"> • N/A 	



Saudi Arabia - MH-60R SNEP II Courseware

N61340-16-P1-141000G-TBD

Description/Summary of Program Requirements

- Procure courseware for the Saudi Naval Expansion Program II in support of the MH-60R

NEW ACQUISITION

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Delivery Order under Aviation Courseware Development ID/IQ Contract • Small Business set aside 	<ul style="list-style-type: none"> • Estimated 12 Months 	Jul 2016  RFP Release	Jul 2017  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWC Phone: 407-381-8648 Email: Aida.Matta@navy.mil	<ul style="list-style-type: none"> • Estimated \$800K 	<ul style="list-style-type: none"> • N/A 	



Finland – F/A-18 Training System

N61340-16-P1-PMA-265-0520

Description/Summary of Program Requirements

- Future contract modifications to the existing F-18 Finland Training System procurement includes; 1) Visual Data Base (VDB) System, 2) Aircraft Operational Flight Program (OFP) 27C(F) software upgrade.
- The 27C(F) OFP upgrade will consist of enhancements to the:
 - Weapons Tactics and Situational Awareness Trainers (WTSAT)
 - Deployable Tactics Trainers (DTT)
 - Debrief Station (DBS)
 - Mission Operation Center (MOC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • TSC III sole source (EFO approved) 	<ul style="list-style-type: none"> • Estimated 30 months 	Mar 2015  RFP Released	Feb 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: aida.matta@navy.mil	<ul style="list-style-type: none"> • Estimated \$15.5M 	<ul style="list-style-type: none"> • Boeing Corp., St. Louis, MO. 	

RFP RELEASED



Saudi Arabia- CLS of TSS and upgrades to FF school

N61340-15-P1-141000G-0001

Description/Summary of Program Requirements

- Contractor Logistics Support (CLS), upgrade and service and maintenance concept for the Training Ship Simulator at the King Fahd Naval Academy in Jeddah Naval Base
- Maintenance and upgrading of the Fire Fighting (FF) Damage Control School in Jubail Naval Base

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Open market sole source (D&F approved) 	<ul style="list-style-type: none"> • 12 month base period plus two Option years 	<p>Dec 2015</p>  <p>RFP Release</p>	<p>Mar 2016</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Aida Matta</p> <p>Organization: NAWCTSD, International</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<ul style="list-style-type: none"> • Estimated \$6M 		<ul style="list-style-type: none"> • N/A



Saudi Arabia – Naval Team Tactical Trainer (NTTT)

N61340-15-P1-1363100G-0198

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none">• TSC III sole source (EFO approved)• LOA Signed	<ul style="list-style-type: none">• Estimated 36 Months• Base year with Two – One year options	Dec 2015  RFP Release	Mar 2016  Contract Award
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Aida Matta Organization: NAWCTSD, International Phone: 407-381-8648 Email: Aida.Matta@navy.mil	<ul style="list-style-type: none">• Estimated \$15M	<ul style="list-style-type: none">• Amel Group	



Iraq - Simulator Support and Maintenance

N61340-15-P1-141000G-0014

Description/Summary of Program Requirements

- Future contract to provide Contractor Logistics Support (CLS) in support of Iraq Patrol Boat (PB), Fire Fighting Training Unit (FFTU) and Offshore Support Vessel (OSV) Simulators in Umm Qasr for Iraq Navy.
- This contract will be for monitoring and assisting Iraqi Instructors in the operation and maintenance of the PB, FFTU, and OSV Simulators. Routine maintenance of the generator power source will be required. Security and housing provided by 3rd party contract.

<p>ACQUISITION STRATEGY</p> <ul style="list-style-type: none"> • Open market sole source (D&F approved) 	<p>PERIOD OF PERFORMANCE</p> <ul style="list-style-type: none"> • 5 months with 1 year option 	<p>MILESTONES</p> <table border="0"> <tr> <td data-bbox="1263 567 1624 776"> <p>July 2015</p>  <p>RFP Released</p> </td> <td data-bbox="1624 567 1870 776"> <p>Sep 2015</p>  <p>Contract Awarded</p> </td> </tr> </table>		<p>July 2015</p>  <p>RFP Released</p>	<p>Sep 2015</p>  <p>Contract Awarded</p>
<p>July 2015</p>  <p>RFP Released</p>	<p>Sep 2015</p>  <p>Contract Awarded</p>				
<p>POINT OF CONTACT</p> <p>Name: Aida Matta Organization: VCS International Phone: 407-81-3400 Email: aida.matta@navy.mil</p>	<p>FUNDING</p> <ul style="list-style-type: none"> • Estimated \$1.7M 	<p>CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)</p> <ul style="list-style-type: none"> • Contract N61340-14-C-6109 • VSD, LLC 			

CONTRACT AWARDED



Japan Air Force(JAF) V-22 Aircrew Training Systems

N61340-15-P1-1363100G-0198

Description/Summary of Program Requirements

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

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> • Open market sole source (D&F approved) to Bell/Boeing • Open market sole source (D&F approval pending) to Veraxx • Open market sole source (D&F approved) to Imagine One 	<ul style="list-style-type: none"> • POP for the CFTD to deliver in country – 36 months • POP for the spares – 36 months • POP to Imagine One for Initial courseware – 36 months 	<p>July 2015</p>  <p>RFP Released NRE RFP Released CFTD</p>	<p>Sept 2015 Dec 2015</p>  <p>Contract Awarded NRE Contract Award CFTD</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p>Name: Aida Matta</p> <p>Organization: NAWCTSD, International</p> <p>Phone: 407-381-8648</p> <p>Email: aida.matta@navy.mil</p>	<ul style="list-style-type: none"> • Estimated Case 1 funding \$24.9M 	<ul style="list-style-type: none"> • Bell/Boeing • Imagine One 	

NAWCTSD

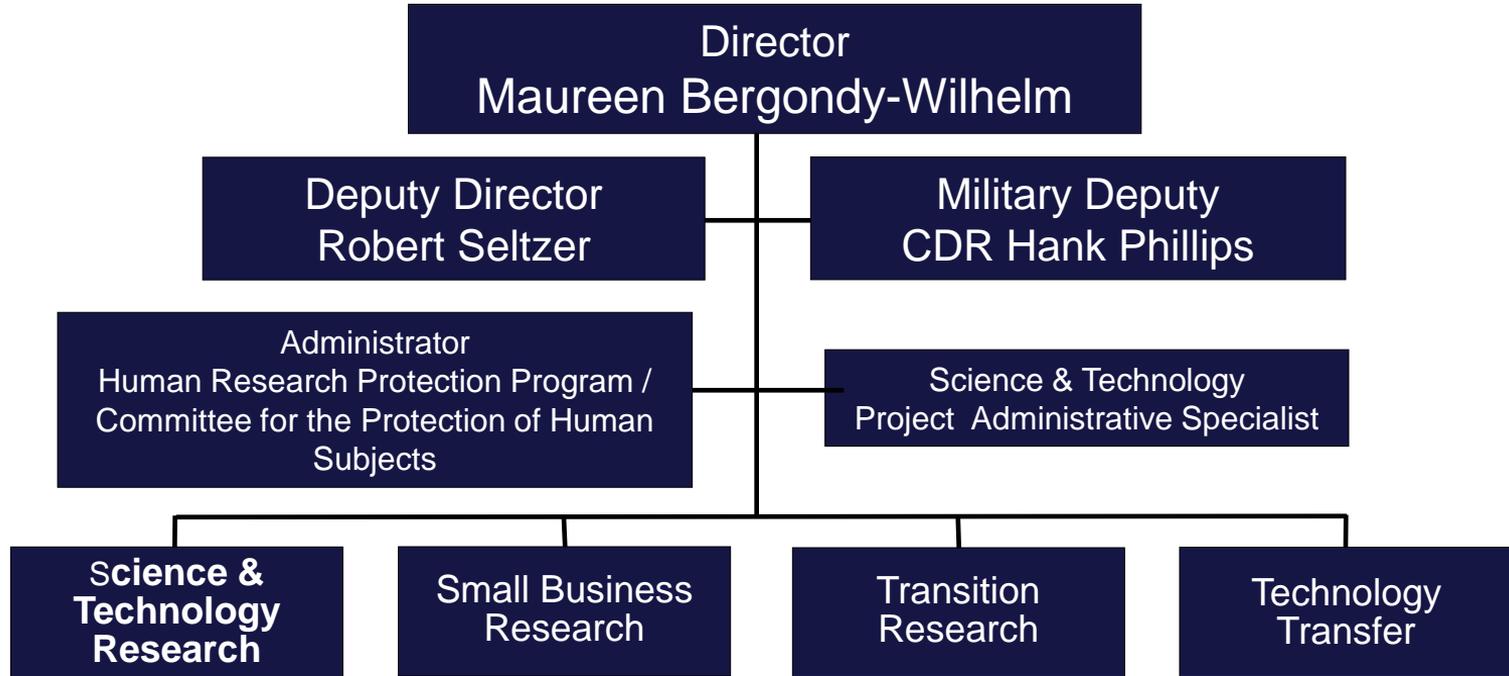


Maureen Bergondy-Wilhelm

Director, Research and Technology Programs



Research & Technology Programs Organization





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NAWCTSD Research Portfolio

- Office of Naval Research Science & Technology (BA 1-3)
 - Basic Research (In-house and Academia)
 - Applied Research
 - Advanced Development
- Navy Demonstrations and Validation Research (BA 4-7)
- DoD Research
 - Joint/OSD/JFCOM
 - Army/USAF/USMC Research
- Technology Transfer (Gov/Non-DoD Research)
- DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs

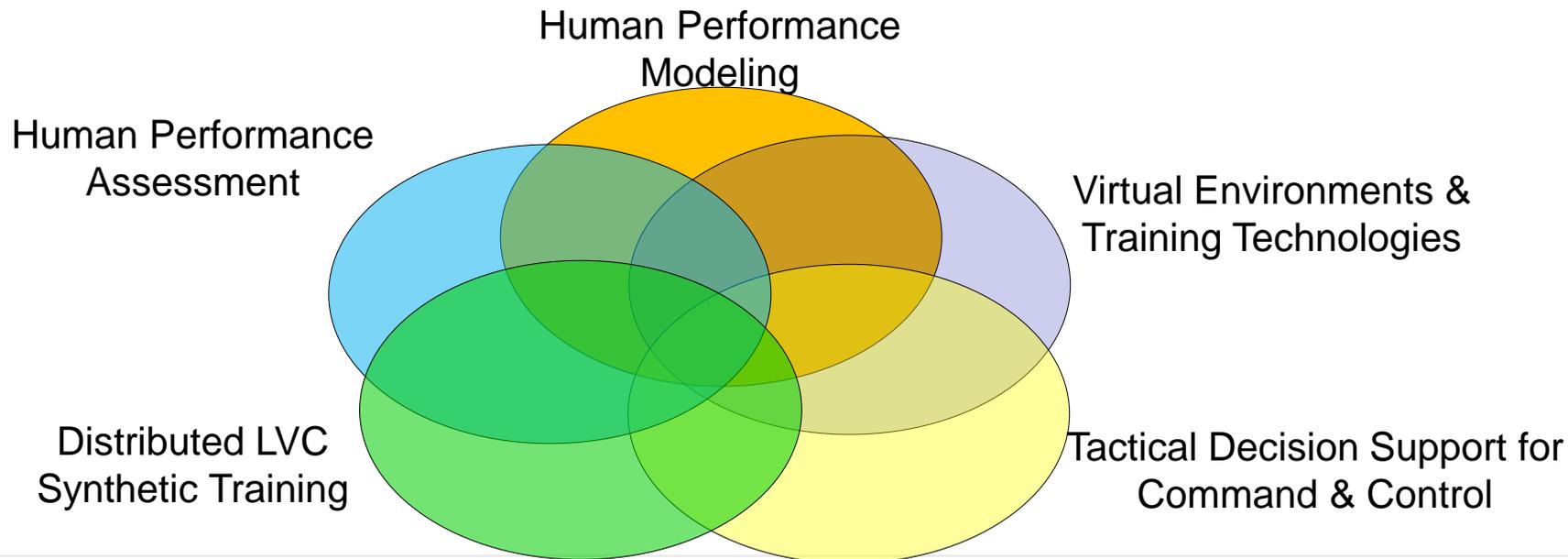
NAWCTSD is a R&D Performer and Partners with Industry on
Proposals and Subsequent Research Efforts



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





Small Business Innovation Research Opportunities

N68335-16-C-P1-46T000G-0002

Description/Summary of Program Requirements

Process 12-15 SBIR solicitations per year

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

Next Solicitations

- (15.2) Pre-Release Opened: 24 April 2015 Closes: 24 June 2015
- (16.1) Pre-Release Opens: 11 Dec 2015 Closes: 17 Feb 2016
- **(16.2) Pre-Release Opens: 22 Apr 2016 Closes: 22 June 2016**
- Large businesses can partner w/small businesses See <http://www.dodsbir.net> and <http://www.navsbir.com>

ACQUISITION STRATEGY

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

PERIOD OF PERFORMANCE

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

MILESTONES



POINT OF CONTACT

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

FUNDING

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

CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)

- TBD – Up to 3 awards planned/topic



NAVAIR 15.2 SBIR Proposal Solicitation Topics

- **N152-094 Model-Based Tool for the Automatic Validation of Rotorcraft Regime Recognition Algorithms**
 - Develop a model-based tool and test kit that will validate rotorcraft-based regime recognition (RR) codes for effective integration into health and usage monitoring systems (HUMS).
- **N152-088 Infrared Search and Threat Identification**
 - Research, design, and develop a software application that can be used with an infrared (IR) sensor to identify a potential target threat by analyzing its infrared signature..

DoD 15.2 Solicitation Opens: 25 May 15 Closes: 24 June 15

<http://www.dodsbir.net/sitis>



Small Business Technology Transfer Opportunities

N68235-16-C-P1-46T000G-0001

Description/Summary of Program Requirements

- Small business required to team with research or academic institution (non-Government)
 - Phase I (1st yr): Scope problem & detail innovative solution (\$70K/\$30K option)
 - Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (\$750K)
 - Phase III (thereafter): Further R&D development/acquisition transition (Government sole source)
 - Large businesses can partner w/small businesses (for PIII)
- One solicitation a year
- Next solicitation (16.A) Pre-release Opens: **11 Dec 2015** – Closes: **17 Feb 16**
 See <http://www.dodsbir.net> and <http://www.navysbir.com>

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<ul style="list-style-type: none"> • STTR Phase I: Firm Fixed Price (FFP) • STTR Phase II: Cost Plus Fixed Fee (CPFF) • STTR Phase III (J&A Required) 	<ul style="list-style-type: none"> • Phase I: 6 Month w/3 month Option • Phase II: 24 Months • Phase III: Open 	<p>16.A Solicitation Milestones</p> <p>11 Dec 15 17 Feb 16 16 Jun 16</p> <p> RFP Release  RFP Close  Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name: Ms. M. Bergondy-Wilhelm Organization: R&T Program Office Phone: 407-380-4777 Email: maureen.bergondy@navy.mil</p>	<ul style="list-style-type: none"> • Year 1 RDT&E \$70K/\$30K Option • Year 2-3 RDT&E \$750K (Total) • Year 4+ Non-SBIR \$s; No Limit/No Competition Required 	<ul style="list-style-type: none"> • TBD – Up to 3 awards planned/topic



NAVAIR SBIR/STTR Proposal Solicitation Topics

- **N161-007 Immersive Parachute Descent Procedure, Malfunction and Decision-Making Training System**
 - Develop a novel reconfigurable device training system that provides immersive Parachute Descent Procedure (PDP), malfunction and decision-making training to allow the survival training community to deliver cross-platform training without the need for multiple training systems or platform specific peripherals.
- **N16A-T002 Methods for Actionable Measures of Absolute Cognitive Workload**
 - Develop an innovative and cost-effective capability that will provide an objective, measureable means of workload for determining impacts on individual operator, crew-level, and/or multi-team system level performance when life support or aircrew systems are added or modified.

DoD 16.1 and 16.A Solicitation Opens: 11 Dec 15 Closes: 17 Feb 16

<http://www.dodsbir.net/sitis>



Virtual Environment & Synthetic Training R&D

N61340-15-P1-46T000G-0001

Description/Summary of Program Requirements

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

RFP RELEASED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<ul style="list-style-type: none"> ▪ Single Award ID/IQ Contract ▪ Open market (SBSA) 	<ul style="list-style-type: none"> ▪ 5 years 	Mar 2015 Draft RFP Released	May 2015 RFP Released	Dec 2015 Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
Name: Ms. M. Bergondy-Vibron Organization: R&T Program Office Phone: 407-380-4777 Email: maureen.bergondy@navy.mil	<ul style="list-style-type: none"> ▪ R&D, O&M & APN ▪ \$9.75M Ceiling 		<ul style="list-style-type: none"> ▪ Renaissance Sciences, Corp 	



Emerging Demands & Areas of Research

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

NAWCTSD Research Summaries can be found at:

<http://www.navair.navy.mil/nawctsd/Programs/Files/NAWCTSD-FY-14-15-Grey-Book.pdf>



How to Participate in NAWCTSD Research?

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

<http://www.onr.navy.mil/Contracts-Grants/Funding-Opportunities.aspx>

Research & Technology Program Office POC

Director, Maureen-Bergondy-Wilhelm

407-380-4777

Maureen.Bergondy@navy.mil