



# ISIS

TRAINING & SIMULATION INDUSTRY SYMPOSIUM

**12-13 JUNE 2019**  
ROSEN CENTRE HOTEL  
*Orlando, FL*

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AFMC



ACC-ORLANDO



STTC



NAWCTSD



PEO STRI



PM TRASYS



STE-CFT



**WELCOME**

**Mr. Tony Krogh**

Executive Vice President, NDIA CFL

# For Q & A Sessions

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**TSIS19**

# TSIS19

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TRAINING & SIMULATION INDUSTRY SYMPOSIUM

**RADM James Robb,  
USN (Ret.)  
President, NTSA**



# **CAPT Tim Hill, USN**

**Commanding Officer,  
Naval Air Warfare Center Training  
Systems Division  
(NAWCTSD)**

# WARFARE CENTER TRAINING SYSTEMS DIVISION



The United States Navy's principal center for training systems:

[RESEARCH]

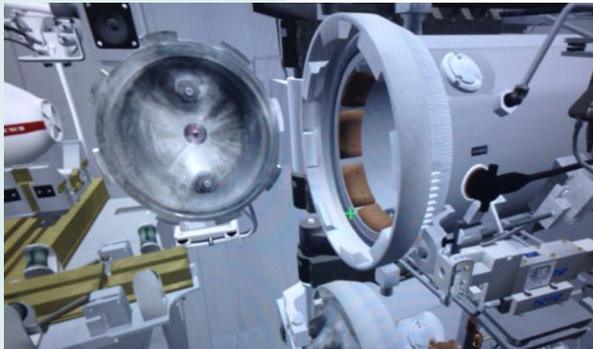


[DEVELOPMENT]

[ACQUISITION]

[TEST AND EVALUATION]

[PRODUCT SUPPORT]



# [ FOCUS AREAS ]

## + FLEET READINESS

- Maintain relevant fielded devices that support current ops

## + EXPANDED FLEET CAPABILITY

- Delivering integrated warfighting capability/networked training opportunities
- Foster Live, Virtual, Constructive training solutions
- Expanded Team Training Opportunities

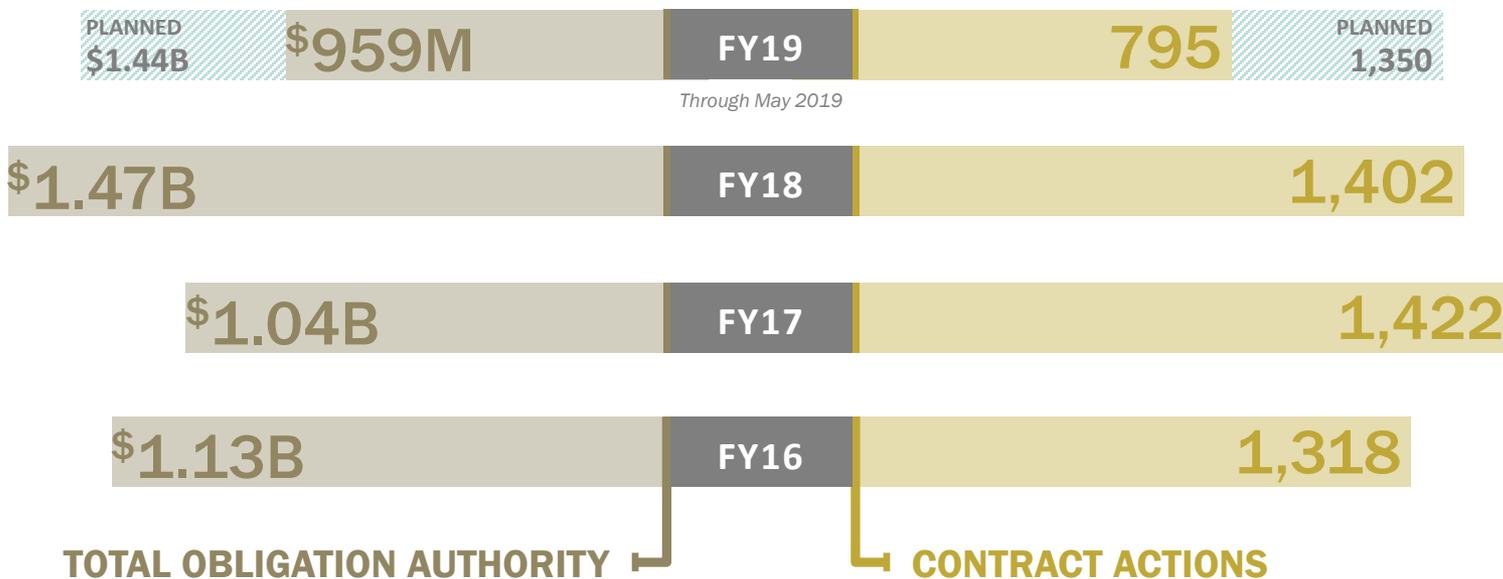
## + LIFE-LONG LEARNING

- Meet needs of Navy career path training
- Deploy immersive, interactive, readily available training
- Implement intelligent tutoring and AI across training areas
- Develop embedded assessment and data analysis tools

## + CYBER SECURITY/“CYBER FOR OTHERS”

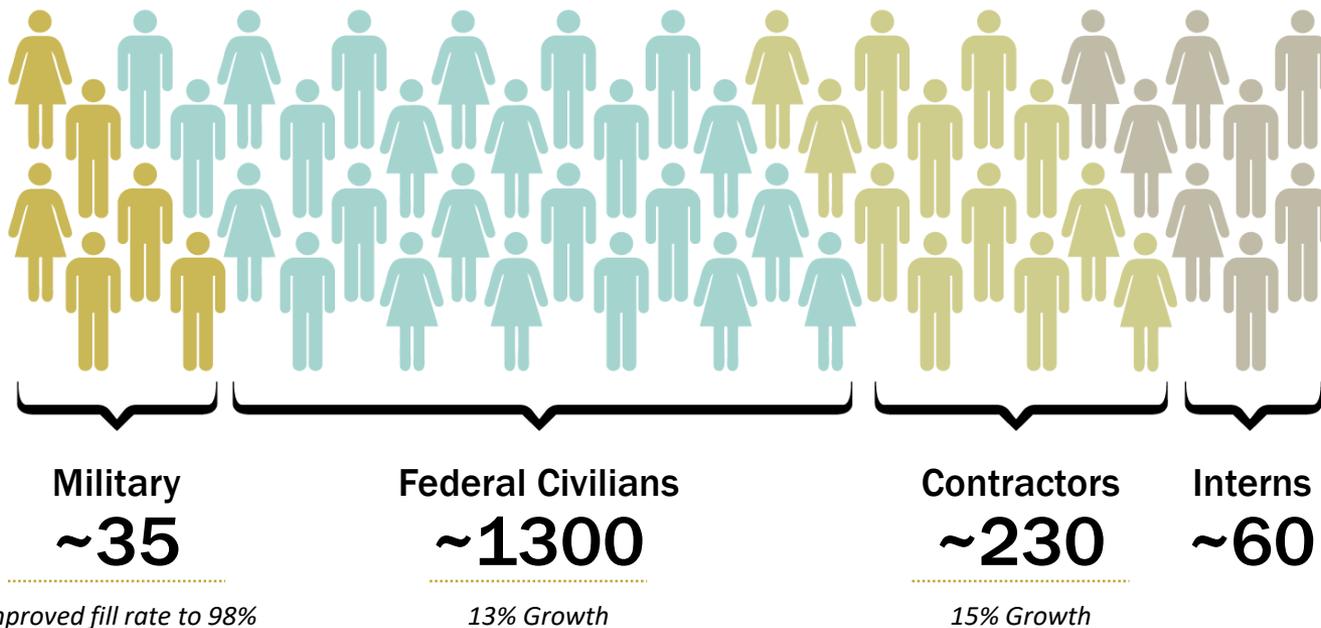
## [ STATE OF THE COMMAND ]

# Work: Continued Growth



## [STATE OF THE COMMAND]

# Personnel: Growth to Meet Workload



## [ STATE OF THE COMMAND ]

# Building for the Future: Strike Plan Goals

### INFRASTRUCTURE

- + SAPF
- + Cube refresh
- + Enterprise WiFi  
(Moving to open WiFi)
- + Expanded Classified network access
- + Conference center

### PEOPLE/WORKFORCE

#### AGILITY

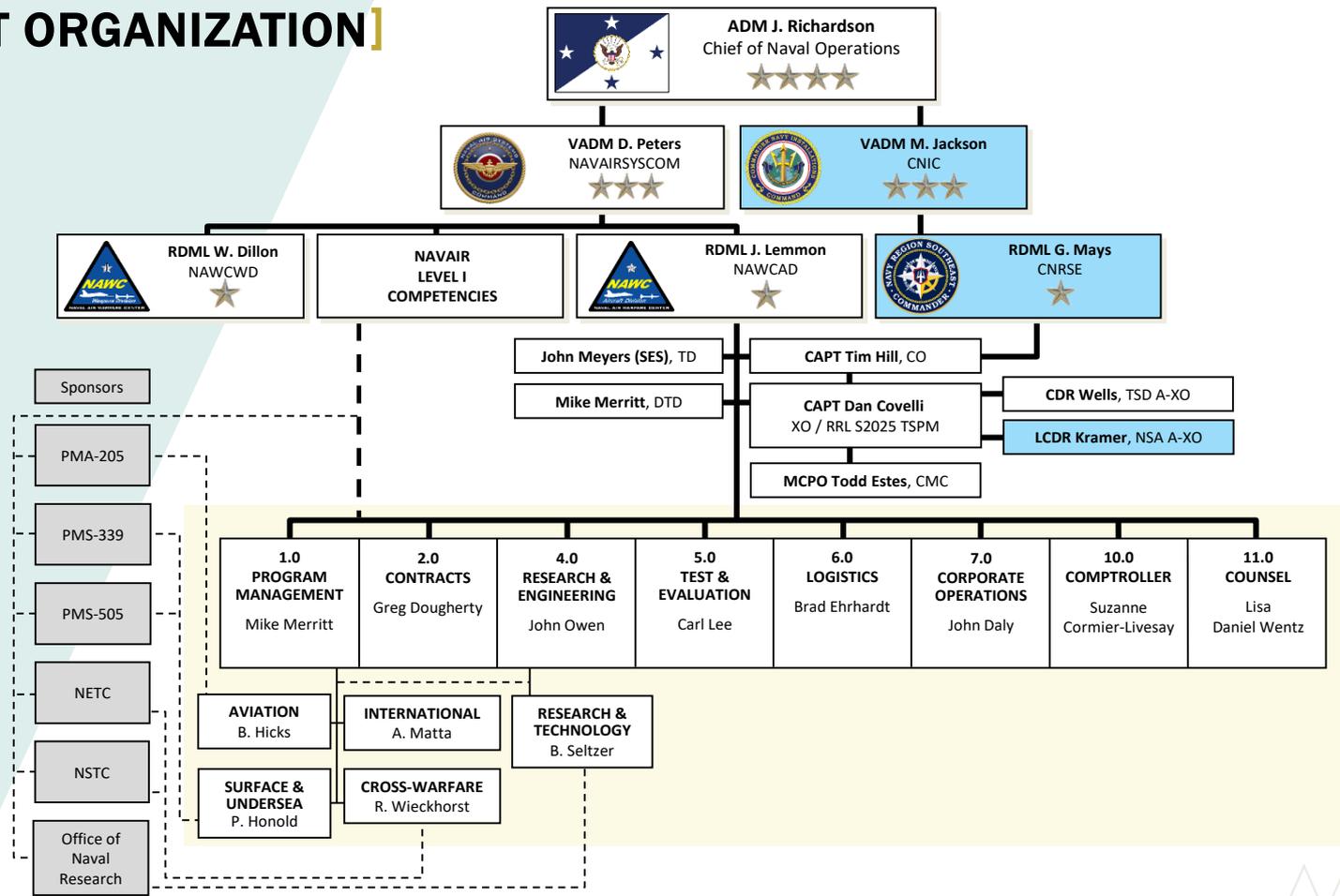
- + Increased efficiency/productivity
- + Hiring:  
FY2017 – 1141  
FY2018 – 1254  
Current – 1274
- + Internships
- + STEM Outreach:  
FY2018 – 11,426 Impacted  
FY2019 – 6,685 Impacted (1st & 2nd Quarters)
- + Patent Awarded:  
Modular Advanced Technology  
Marksmanship Proficiency System

### CAPABILITY

- + Live, Virtual, Constructive Development and Operations Center
- + High Performance Computing
- + Persistent Technology Demo Space

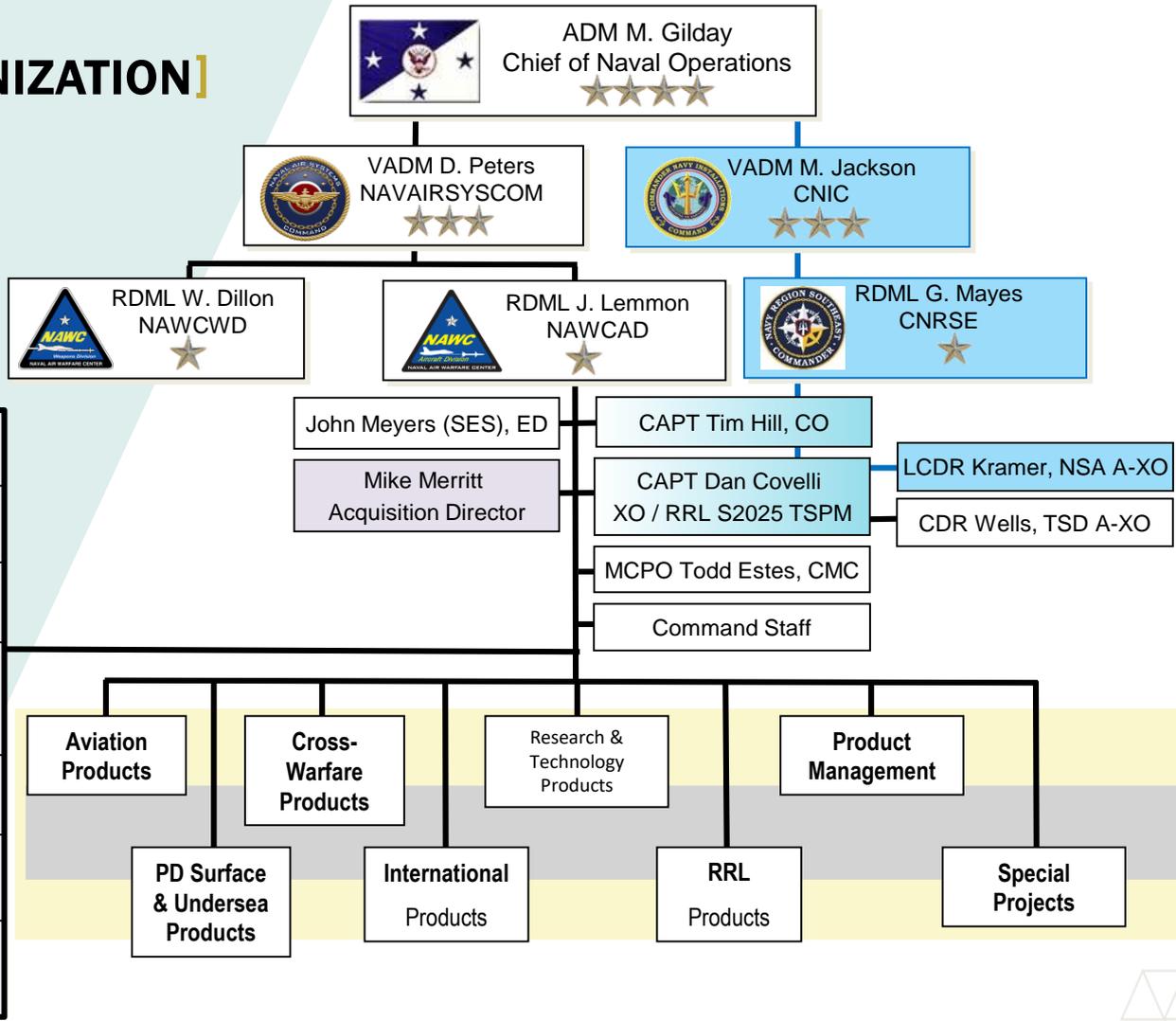
# [CURRENT ORGANIZATION]

- ELT
- NSA Orlando
- Customers





# [MAO ORGANIZATION]



<b>Command Operations</b> GT10000
Procurement GT20000
Sustainment GT40000
<b>Training Systems</b> RDT&E GT50000
Digital GT60000
Comptroller G800000
Counsel GT90000

NAWCTSD ELT

- PMA-205
- F-35 JPO
- PMS-339
- PMS-505
- SEA 07-TR
- CNATRA
- NETC
- NSTC
- AIR 1.4
- NIPO
- ONR
- PEAT

Customers



**Mr. Mike Merritt**  
**Acquisition Director,**  
**NAWCTSD**

NAWCTSD



**Mike Merritt**  
**Acquisition Director**





# 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.



# What We are Going to Tell You

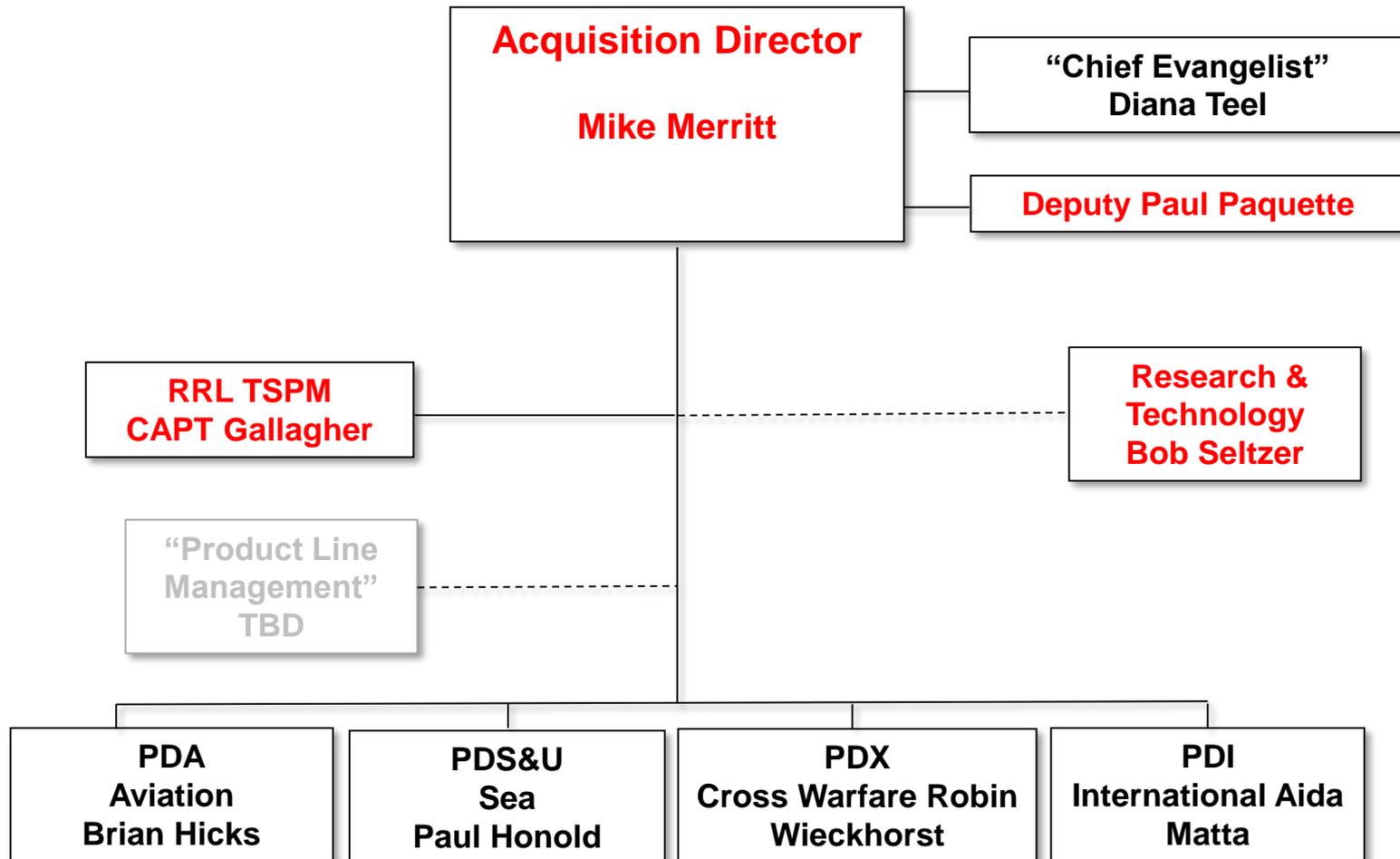
- Outreach Opportunities
  - I/ITSEC, TSIS, PALT<sup>1</sup> and ICD<sup>2</sup>
- Focus Areas
  - Schedules remain our largest challenge
  - Portfolio Trends
    - More Sim upgrades with fewer “new” systems
    - More Individual + Team Training Emphasis
    - LVC (Live, Virtual and Constructive)
    - STAVE (Surface Training Advanced Virtual Environment)
    - Security (Levels, Access and Information/Cyber Protection)
- Open and Honest Communications is Key

<sup>1</sup>PALT – Procurement Administrative Lead Time

<sup>2</sup>ICD – Industry Capability Day



# NAWCTSD Program Management Organization





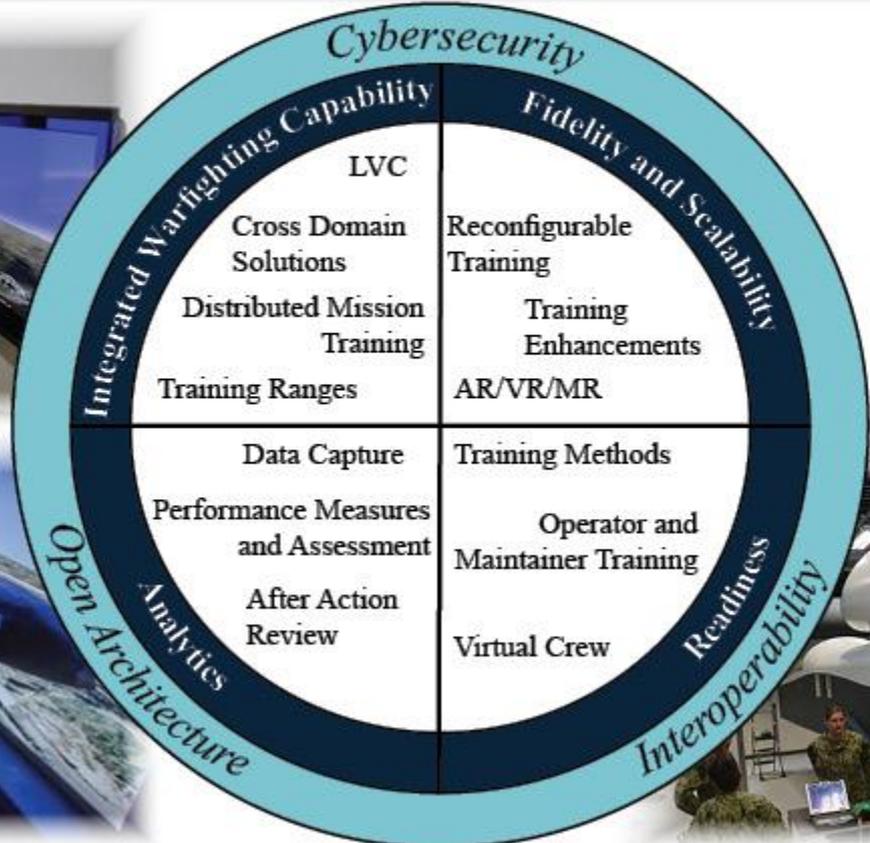
**ISIS**  
TRAINING & SIMULATION INDUSTRY SYMPOSIUM

**CAPT Lisa Sullivan, USN**

Program Manager,  
Aviation Training System,  
Program Office, (PMA-205)  
NAVAIR

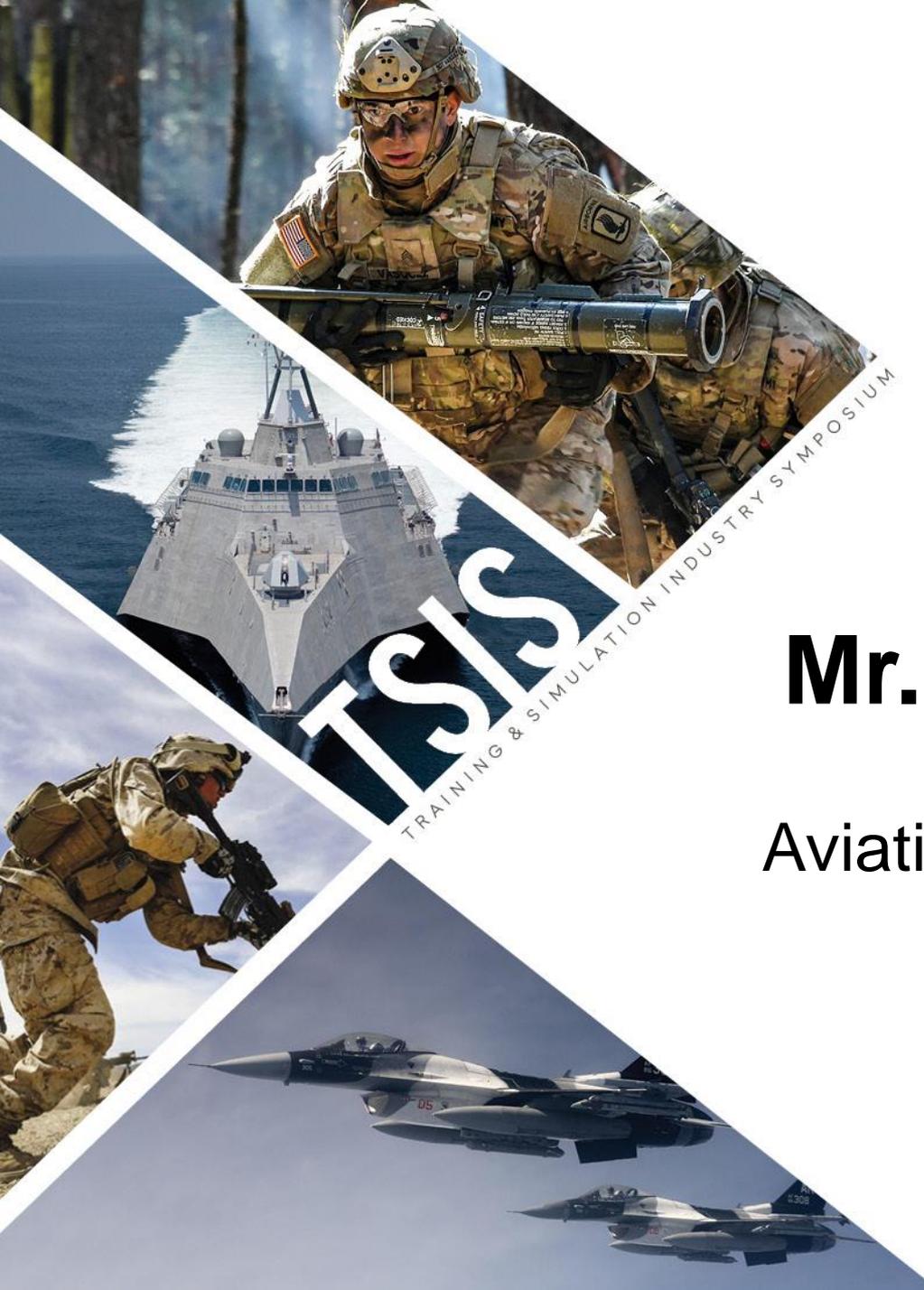


# PMA-205 FOCUS AREAS



**TRAINING**  
=  
**LETHALITY**





**Mr. Brian Hicks**  
Director,  
Aviation Programs (PDA)  
NAWCTSD



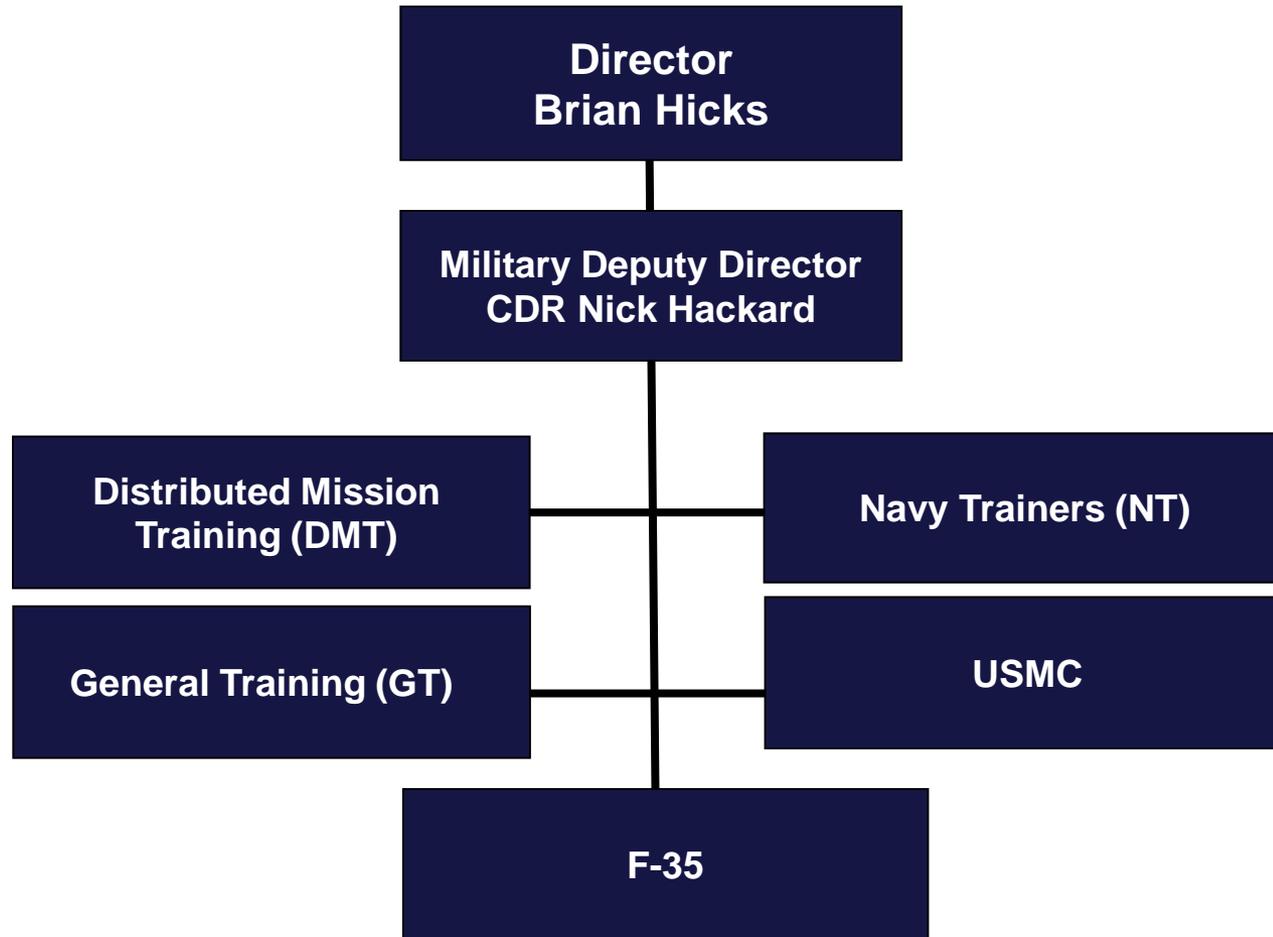
# Brian Hicks

Director, Aviation Programs





# Aviation Programs Organization





# Navy Training Systems





# Aviation Courseware Development

## Description/Summary of Program Requirements

Numerous aviation 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. Includes FLASH Courseware conversion.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Competitive - Full and Open – Small Business Set Aside</p>	<p>5 Years</p>	<p>4<sup>th</sup> Qtr FY21</p>  <p><b>RFP Release</b></p>	<p>2<sup>nd</sup> Qtr FY22</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks  <b>Organization:</b> NAWCTSD, PDA  <b>Phone:</b> (407) 380-8085  <b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$100M</p>	<p>Carley</p>	



# P-8A Jacksonville Tech Refresh

## Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (OFT, WTT, PTT, TSSC, Maintenance Trainers).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	3 <sup>rd</sup> Qtr FY22  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY23  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.Sullivan@navy.mil	\$100M	Boeing	



# P-8A Whidbey Island Tech Refresh

## Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (OFT, WTT, PTT, TSSC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	3 <sup>rd</sup> Qtr FY23  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY24  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.Sullivan@navy.mil	\$100M	Boeing	



# P-8A Production Concurrency Upgrade (PCU)

## 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.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	Jun 2018  <b>RFP Released</b>	Sep 2019  <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD, PDA <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$50M		Boeing



# P-8A Production Concurrency Upgrade (PCU) Rev 1

## 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.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	18 Months	July 2019  <b>RFP Released</b>	May 2020  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD, PDA <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$10M	Boeing	



# P-8A Production Concurrency Upgrade (PCU) Rev 2

## 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.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	24 Months	Dec 2019  <b>RFP Released</b>	Dec 2020  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD, PDA <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$30M	Boeing	



# P-8A Training Systems Increment 3 Aircrew Retrofits

## Description/Summary of Program Requirements

Simulator concurrency updates to devices (OFT, WTT, PTT, TSSC) and incorporation of Increment 3 Block 2 aircraft Engineering Changes Orders. Updates include: ABA, Minotaur, ASW SIGINT, Acoustics VM, WB SATCOM, MAC-E

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	4 Years	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Feb 2020</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>2<sup>nd</sup> Qtr FY21</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD, PDA</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	\$100M	Boeing



# P-8A Training Systems Increment 3 Maintenance Retrofits

## Description/Summary of Program Requirements

Simulator update to devices (VMTS, Type II HW) and incorporate Increment 3 Block 2 aircraft Engineering Changes Orders.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 Years	2 <sup>nd</sup> Qtr FY21  <b>RFP Release</b>	3 <sup>rd</sup> Qtr FY22  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD, PDA <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$15M	Boeing	



# P-8A Training Systems AAS VR Maintenance Trainer

## Description/Summary of Program Requirements

Procurement of a virtual reality (VR) trainer for the P8-A Special Mission Pod Deployment Mechanism (SMPDM) Training System to support operation of and training for the installation and removal of the Advanced Airborne System (AAS) system. The VR system will include intelligent tutoring, performance metrics capture, and a multi-media imbedded instructional capability that will be used to replace the function of classroom instructional materials.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Sole Source</p>	<p>2 Years</p>	<p>Sep 2019</p>  <p>RFP Released</p>	<p>Sep 2020</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks  <b>Organization:</b> NAWCTSD, PDA  <b>Phone:</b> (407) 380-8085  <b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$25M</p>	<p>Boeing</p>	



# P-8A Training Systems AAS Part Task Trainer

## Description/Summary of Program Requirements

Procurement of the P8-A Special Mission Pod Deployment Mechanism (SMPDM) Hardware Training System to support training of the installation and removal of the Advanced Airborne System (AAS) system.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Competitive – TSC IV</p>	<p>2 Years</p>	<p>Feb 2019</p>  <p><b>RFP Release</b></p>	<p>Sep 2020</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks  <b>Organization:</b> NAWCTSD, PDA  <b>Phone:</b> (407) 380-8085  <b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$3M</p>	<p>None</p>	



# MH-60R/S Concurrency and Technology Refresh

## Description/Summary of Program Requirements

Simulator and Electronic Classroom computer resource update to the MH-60R/S maintenance training systems (CMT, AMT, WLT, AFCS, Hoist PTT) and operational flight trainers (OFT, WTT, AVET/NATS). Incorporate trainer unique Engineering Changes Orders and deficiency corrections. Improve cyber security posture of MH-60R/S training systems.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>Competitive – Full and Open</b></p>	<p>6 Years</p>	<p>4<sup>th</sup> Qtr FY21</p>  <p><b>RFP Release</b></p>	<p>2<sup>nd</sup> Qtr FY22</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> CAPT Lisa Sullivan</p> <p><b>Organization:</b></p> <p><b>Phone:</b> (301) 757-6944</p> <p><b>Email:</b> Lisa.Sullivan@navy.mil</p>	<p>\$90M</p>	<p>CAE/JF Taylor/BSC</p>	



# MH-60R Royal Australian Navy (RAN) Operator and Maintenance Concurrency

## Description/Summary of Program Requirements

Simulator updates to operator and maintenance training devices (OFT, WTT, CMT, AMT/WLT), to maintain hardware/software concurrency (system configuration updates to include NGTS/CASE-FI), as well as, incorporation of aircraft Engineering Changes Orders and deficiency corrections.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>FMS Directed</p> <p>Sole Source</p>	<p>4 Years</p>	<p>Sep 2019</p>  <p><b>RFP Released</b></p>	<p>Jun 2020</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD, PDA</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	<p>TBD</p>	<p>CAE</p>	



# MH-60R Royal Australian Navy (RAN) Operator and Maintenance Sustainment

## Description/Summary of Program Requirements

Simulator Contractor Operator and Maintenance of Simulators, Contractor Instructional Services, and Reliability and Maintainability services for all training devices (OFT, WTT, CMT, AMT/WLT, ELSOPTT, AFCST, RCT, OMIA/ATS, Static Maintenance Trainer).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>FMS Directed</p> <p>Sole Source</p>	<p>5 Years</p>	<p>Jun 2019 <span style="float: right;">Dec 2019</span></p> <p style="text-align: center;">   <b>RFP Release</b> </p> <p style="text-align: center;">   <b>Contract Award</b> </p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD, PDA</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$50M</p>	<p>CAE</p>



# MH-60R Danish Air Logistics Office (DALO) Operator Trainer Concurrency

## Description/Summary of Program Requirements

Simulator updates to operator training device (MOFT), to include AIS capability, maintain hardware/software concurrency, and incorporation of aircraft Engineering Changes Orders and deficiency corrections.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>FMS Directed</p> <p>Sole Source</p>	<p>1 Year</p>	<p>Apr 2019</p> <p></p> <p><b>RFP Released</b></p>	<p>Sep 2019</p> <p></p> <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD, PDA</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$1.5M</p>		<p>CAE</p>



# MH-60R Danish Air Logistics Office (DALO) Operator Trainer ASW Update

## Description/Summary of Program Requirements

Simulator updates to operator training device (MOFT), to include ASW capability.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>FMS Directed</p> <p>Sole Source</p>	<p>2 Years</p>	<p>3<sup>rd</sup> Qtr FY21</p>  <p><b>RFP Release</b></p>	<p>2<sup>nd</sup> Qtr FY22</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD, PDA</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$8M</p>	<p>CAE</p>	



# F/A-18 NASMP System Fidelity 2 (NSF2)

## Description/Summary of Program Requirements

The Naval Aviation Simulation Master Plan System Fidelity 2 (NSF2) program will improve weapons fly-out and performance models, weapons planning, stores management, and weapons displays; improve malfunction fidelity in electrical, engine, stores management, flight control, fuel, hydraulic and utility systems, and single and compound emergency modeling; improve visual database fidelity for blue forces and threats, visual models and displays, geographical features, country-specific cultural developments, and Digital Terrain Elevation Data (DTED).

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
2 Contracts  L3 IDIQ-Sole Source – AWARDED 9/18  Boeing IDIQ-Sole Source – AWARDED 9/19	3 Years	Dec 2018   <b>RFP Released</b>	Sep 2019   <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> CAPT Lisa Sullivan  <b>Organization:</b> PMA-205  <b>Phone:</b> (301) 757-6944  <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$53M		Boeing  L3



# F/A-18 NASMP System Fidelity 3 (NSF3)

## Description/Summary of Program Requirements

The Naval Aviation Simulation Master Plan System Fidelity 3 (NSF3) program will update Cockpit HW fidelity, IOS/BDS/MOC, MMS, own-ship fidelity, targets/maps fidelity, audio control fidelity and console/display fidelity. Effort also incorporates Windows 10.

**AWARDED**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	Dec 2018  <b>RFP Released</b>	Sep 2019  <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$41M		L3



# F/A-18C/D Simulated Aircraft Maintenance Trainer (SAMT) Upgrade

## Description/Summary of Program Requirements

Upgrade the F/A-18C/D Simulated Avionics Maintenance Trainer (SAMT) to SCS/OFP 31C and corresponding maintenance courseware.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC IV - Competitive</p>	<p>3 Years</p>	<p>4<sup>th</sup> Qtr FY22</p>  <p><b>RFP Release</b></p>	<p>2<sup>nd</sup> Qtr FY23</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks  <b>Organization:</b> NAWCTSD  <b>Phone:</b> (407) 380-8085  <b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$12M</p>	<p>American Systems Corporation (ASC) Is OEM, JF Tailor did last upgrade to 23X.             Courseware upgrades by DP Associates.</p>	



# F/A-18E/F Immersive Virtual Environment Maintenance Trainer (IVEMT) Tech Refresh

## Description/Summary of Program Requirements

Hardware obsolescence technology refresh to F-18E/F Immersive Virtual Environment Maintenance Trainer (IVEMT) devices

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	1 <sup>st</sup> Qtr 2021  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY22  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$12M	Boeing	



# F/A-18C/D USMC Image Generator Technology Refresh

## Description/Summary of Program Requirements

F/A-18 C/D Tactical Operational Flight Trainer upgrade to a more powerful Image Generator.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	TBD	Mar 2020  <b>RFP Release</b>	Sep 2020  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$6.5M	L3	



# F/A-18E/F & EA-18G H18 Configuration Set/Operational Flight Program (SCS/OFP)

## Description/Summary of Program Requirements

The H18 Software Configuration Set/Operational Flight Program (SCS/OFP) program will update the F/A-18E/F & EA-18G TOFT software to be concurrent with the fielded aircraft.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	3 Years	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>2<sup>nd</sup> Qtr FY21</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>4<sup>th</sup> Qtr FY21</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	\$10M	Boeing



# F/A-18E/F/G Computer Technology Refresh

## Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (TOFT, LCT and Maintenance Trainers).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	1 <sup>st</sup> Qtr FY22  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY23  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.Sullivan@navy.mil	\$25M	Boeing/L3	



# F/A-18E/F Tactical Operator Flight Trainer (TOFT) Block III Upgrade

## Description/Summary of Program Requirements

Upgrade the F/A-18E/F TOFTs to the Block III Configuration

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	TBD	1 <sup>st</sup> Qtr FY22  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY23  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	TBD	Boeing/L3	



# F/A-18E/F/G Visual Display Technology Refresh

## Description/Summary of Program Requirements

Hardware obsolescence technology refresh to all devices (TOFT, LCT)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 Years	1 <sup>st</sup> Qtr FY22  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY23  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$10M	L3	



# F/A-18E/F & EA-18G H20 Configuration Set/Operational Flight Program (SCS/OFP)

## Description/Summary of Program Requirements

The H18 Software Configuration Set/Operational Flight Program (SCS/OFP) program will update the F/A-18E/F & EA-18G TOFT software to be concurrent with the fielded aircraft.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Sole Source</p>	<p>3 Years</p>	<p>2<sup>nd</sup> Qtr FY22</p>  <p><b>RFP Release</b></p>	<p>4<sup>th</sup> Qtr FY22</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$10M</p>	<p>Boeing</p>	



# F/A-18E/F LCT Block III Upgrade

## Description/Summary of Program Requirements

Upgrade the F/A-18E/F LCTs to the Block III Configuration

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Sole Source</p>	<p>20 Months</p>	<p>May 2019</p>  <p><b>RFP Released</b></p>	<p>Dec 2020</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Brian Hicks  <b>Organization:</b> NAWCTSD  <b>Phone:</b> (407) 380-8085  <b>Email:</b> Brian.Hicks@navy.mil</p>	<p>TBD</p>	<p>Boeing</p>	



# F/A-18C/D TOFT/SimuStrike Update

## Description/Summary of Program Requirements

Upgrade the F/A-18C/D TOFT/SimuStrike (PTT) and associated Courseware with Software Configuration Set (SCS/OFF) 31C.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Sole Source</p>	<p>24 Months</p>	<p>Sep 2020</p>  <p>RFP Release</p>	<p>3<sup>rd</sup> QTR FY21</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$20.74M</p>		<p>L3</p>



# E-2D Distributed Readiness Trainers (D-DRT)

## Description/Summary of Program Requirements

DSSC-3 Contract: produce 3X DDRT devices to the DSSC-3 configuration and deliver 2 to NAS Fallon (this requirement may no longer exist) and 1 to Norfolk, plus retrofit of #'s 1-4 CA FY20

Fielding plan: *DSSC-2 Contract (awarded)*: (2) devices to Iwakuni, FY20; (1) device to NS Norfolk FY21 and (1) device to NBVC Pt. Mugu FY21; *Future DSSC-3 Contract*: (1) device to NS Norfolk FY22; (2) devices to NAS Fallon FY22 (requirement may go away), retro-fit devices (1-4).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 Years	Aug 2019  <b>RFP Release</b>	Jun 2020  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD, PDA <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$14M RDTE \$7M APN	Collins Aerospace	



# E-2D Hawkeye Integrated Training System IV

## Description/Summary of Program Requirements

Develop and Integrate E-2D DSSC-4 capability in the HITS (WST's, DDRT's, SMT's, PPC and Instructional Systems) for Norfolk, Pt Mugu and Iwakuni. Build and integrate into new LP-49 Annex building (FY24) WST #6. Develop and provide technical evaluation for application of DSSC-5 for future Contract actions. Develop DSSC 5 capability in appropriate System Integrated Lab environment for all applicable HITS Devices. Transition program post DSSC #4 to 'Program Level' development and integration environment.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 Years	Jun 2020  <b>RFP Release</b>	1 <sup>st</sup> Qtr FY21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD, PDA <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil	\$300M		Collins Aerospace



# E-2D Aircrew Trainer Tech Refresh

## Description/Summary of Program Requirements

Update and modify software/hardware of five Norfolk E-2D aircrew trainer devices to include new projectors, operating systems to WINDOWS 10/Linux 7. Update the OS of the Norfolk classrooms to WINDOWS 10/Linux 7. Tech Refresh to be supporting HITS-III trainer upgrades for AR, DSSC #3 and other systems and applications. Joint effort by PMA-231 and PMA-205 and part of ECP #5 to HITS-III.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 Years	Sep 2019  <b>RFP Release</b>	Jun 2020  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$24M	Collins Aerospace	



# CNATRA T-45C VMTS Aircraft & Simulator Alignment

## Description/Summary of Program Requirements

Significant differences exist between T-45C Virtual Mission Training System (VMTS) aircraft & Operational Flight Trainer (OFT) device # 2F205A, with training disparity inhibiting Student Naval Flight Officers (SNFOs) from developing skill patterns required to meet Course Training Standards. Deliver Part Task Trainer (PTT) to meet syllabus radar task learning objectives. PTT accurately replicates capability and operations of the simulated radar currently utilized in 2F205A OFT. Provide aircraft concurrency updates to six T-45C VMTS OFTs and radar PTT located at Naval Air Station Pensacola FL.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	4 Years	Jun 2020  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	TBD	Boeing	



# CNATRA T-45C Kingsville OFT Visual System Upgrade

## Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for T-45C Operational Flight Trainer (OFT) visual system (domes and projectors). Replace obsolete and noncompliant components in six (6) OFTs located at Naval Air Station Kingsville TX.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV - LPTA	3 Years	Jun 2019  <b>RFP Release</b>	Feb 2020  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	TBD	N/A	



# CNATRA Advanced Helicopter Training System (AHTS) Part Task Trainers (PTT)

## Description/Summary of Program Requirements

**Acquire Cockpit Procedural and Part Task Training devices to train undergraduate Rotary Wing Pilots at NAS Whiting Field FL:**

- Cockpit Procedural Training
- Avionics and Flight Management System Familiarization
- Pilot Flight Task Familiarization

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	2 years	Sep 2020  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	TBD	N/A	



# CNATRA T-44C Virtual Avionics Desktop Trainer

## Description/Summary of Program Requirements

Provide T-44C Virtual Avionics Desktop Avionics Training (DAT) devices to NAS Corpus Christi TX to support Multi-Engine undergraduate pilot training curriculum: Replaces legacy obsolete unsupported T-44C Virtual Avionics DATs currently in-use.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>Sole Source</p>	<p>1 Year</p>	<p>Sep 2019 <span style="float: right;">Jun 2020</span></p> <p style="text-align: center;">   <b>RFP Release</b> </p> <p style="text-align: center;">   <b>Contract Award</b> </p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> CAPT Lisa Sullivan</p> <p><b>Organization:</b> PMA-205</p> <p><b>Phone:</b> (301) 757-6944</p> <p><b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	<p>TBD</p>	<p>Collins Aerospace</p>



# CNATRA Multi Crew Simulator (MCS) Block 2 Modernization

## Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for Naval Flight Officer (NFO) Multi Crew Simulator (MCS). Replace obsolete components in two (2) devices located at Naval Air Station Pensacola FL. Capability improvements include Internet Relay Chat (IRC), improved Internal Communication System (ICS), background radio chatter, JMPS to enhance Fleet-relevant mission planning, datalink enhancements, and enhance graphical user interface for development station. Redesign and replace obsolete components. Migrate from WIN7 to WIN10 Operating System (OS).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	3 Years	4 <sup>th</sup> Qtr FY21  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY22  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	TBD	CAE	



# CNATRA T-45C Pensacola OFT Technology Refresh

## Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for T-45C Operational Flight Trainer (OFT). Replace obsolete and noncompliant components in six (6) OFTs located at Naval Air Station Pensacola FL. Replace obsolete projectors for advanced Training and Simulation applications. Upgrade the capabilities of the simulator to include increased field of recognition to at least 300 degrees. Add ability to record the flight and playback on a dedicated debrief station.

**This effort was merged with VMTS**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	3 Years	4 <sup>th</sup> Qtr FY22  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY23  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	TBD	Boeing	



# F-16 Technology Refresh

## Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for F-5 Operational Flight Trainer (OFT) device. Redesign and replace obsolete and noncompliant computation machines and components, and correct performance deficiencies.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	4 <sup>th</sup> Qtr FY22  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY23  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$7M	N/A	



# F-5 Technology Refresh

## Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for F-5 Operational Flight Trainer (OFT) device. Redesign and replace obsolete and noncompliant computation machines and components, and correct performance deficiencies.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	2 Years	4 <sup>th</sup> Qtr FY24  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY25  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$7M	N/A	



# MQ-8 Technology Refresh

## Description/Summary of Program Requirements

Modifying and upgrading the software, hardware, and associated components for MQ-8B/C Mission Control Station and Maintenance Trainers.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	5 Years	4 <sup>th</sup> Qtr FY23  <b>RFP Release</b>	2 <sup>rd</sup> Qtr FY24  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$25M	MFS	



# General Training Systems





# CATCC / AATCC / JPALS upgrade

## Description/Summary of Program Requirements

Device 15G30 Carrier Air Traffic Control Center (CATCC)/Amphibious Air Traffic Control Center (AATCC) Simulator upgrades and incorporation of Joint Precision and Approach Landing System (JPALS) upgrades. Provides high fidelity training for Navy Air Traffic Control (ATC) trainees in a realistic shipboard air traffic control environment.

This upgrade will include a technology refresh, improvement of voice recognition, incorporation of JPALS capabilities, and Direct Altitude Identity Readout (DAIR) upgrade of two trainers.

Delivery Location: Air Traffic Control "C" School, Naval Air Technical Training Center (NATTC) Pensacola, FL.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	RFP – CATCC 2nd Qtr FY21 RFP – AATCC 2nd Qtr FY22	Released  <b>RFP Release</b>	Jul 19  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$5M	N/A	



# Tower Simulation System (TSS) Block Upgrade

## Description/Summary of Program Requirements

Device 15G34 Tower Simulation System (TSS) Block Upgrade

The TSS is used by entry level controllers for basic fundamentals and experienced controllers to obtain currency and proficiency. This will be a trainer technology refresh.

Delivery Location: 39 devices at 35 sites worldwide.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
GSA Contract	TBD	1st Qtr FY20  <b>RFP Released</b>	2nd Qtr FY20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$5.1M	UFA Inc.	



# Helicopter Rescue Hoist Trainer and Parachute Overwater Survival Trainer (POST) Platform Upgrades

## Description/Summary of Program Requirements

- Device 9H1, Helo Hoist Platform Upgrade and Device 9F9A, Parachute Overwater Survival Trainer (POST) Platform Upgrade. This effort is to replace 11 pool-side device platforms with new platforms made of non-corrosive fiberglass reinforced polymer (FRP) **using Government provided design.**
- There are 7 Helo Hoist device platforms to be replaced at ASTC's in: Pensacola, FL; Jacksonville, FL; Cherry Point, NC; Norfolk, VA; Patuxent River, MD; Whidbey Island, WA; & Lemoore, CA.
- There are 5 POST device platforms to be replaced at ASTC's in: Pensacola, FL; Jacksonville, FL; Norfolk, VA; Patuxent River, MD; & Whidbey Island, WA.

Note: The platform structure at ASTC Jacksonville supports both 9H1 and 9F9A devices.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA	TBD	4th Qtr FY20  <b>RFP Release</b>	1st Qtr FY21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$4.2M	N/A	



# Air Traffic Navigation, Integration, and Coordination System (ATNAVICS) Training Simulator Block Upgrade

## Description/Summary of Program Requirements

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

Delivery Location: 29 Palms, 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 IV	TBD	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>1st Qtr FY21</p> <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>2nd Qtr FY21</p> <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> CAPT Lisa Sullivan</p> <p><b>Organization:</b> PMA-205</p> <p><b>Phone:</b> (301) 757-6944</p> <p><b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	\$5M	ADACEL



# Ramp/Winch System to move Modular Shallow Water Egress Trainers (MSWET)

## Description/Summary of Program Requirements

Device 9D7, Modular Shallow Water Egress Trainers (MSWET). This effort is to develop a ramp/winch system to move the MSWET into and out of the water.

There are 18 MSWETs, located at ASTC's in: Pensacola, FL; Jacksonville, FL; Cherry Point, NC; Norfolk, VA; Patuxent River, MD; Whidbey Island, WA; Lemoore, CA; & Miramar, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES				
TBD	TBD	<table border="0"> <tr> <td data-bbox="1282 753 1460 879">FY21 </td> <td data-bbox="1474 753 1856 879">FY21 </td> </tr> <tr> <td data-bbox="1282 896 1460 965"><b>RFP Release</b></td> <td data-bbox="1474 896 1856 965"><b>Contract Award</b></td> </tr> </table>	FY21 	FY21 	<b>RFP Release</b>	<b>Contract Award</b>
FY21 	FY21 					
<b>RFP Release</b>	<b>Contract Award</b>					
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)				
<p><b>Name:</b> CAPT Lisa Sullivan</p> <p><b>Organization:</b> PMA-205</p> <p><b>Phone:</b> (301) 757-6944</p> <p><b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	TBD	N/A				



# Precision Approach Radar (PAR) Functionality and Display Upgrade

## Description/Summary of Program Requirements

The AN/FPN-68 Precision Approach Radar (PAR) is replacing the AN/FPN-63 radar. Naval Air Technical Training Center (NATTC) currently simulates the AN/FPN-63 in the Radar Lab 3 (15G31 simulator). The fleet also uses the 15G33A Improved Precision Approach Radar Training System (IPARTS) which simulates the AN/FPN-63 to train and maintain controller proficiency.

This effort would upgrade all PAR simulators. Total system upgrades required: 15G31: 1, 15G33A: 51

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	TBD	1st Qtr FY22  <b>RFP Release</b>	2nd Qtr FY22  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$5M	N/A	



# Landing Signal Officer Trainer (LSOT) Upgrade

## Description/Summary of Program Requirements

Device 2H111, Landing Signal Officer Trainer (LSOT), is a one-of-a-kind system that provides realistic simulation for shipboard fixed-wing aircraft recovery operations including normal, adverse, and emergency conditions. The LSOT replicates the types of aircraft, equipment, display, environment, and controls that enable LSO trainees to learn the fundamentals as well as advanced learning objectives that could not be safely trained to in any other environment.

Delivery Location: NAS Oceana.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES				
TSC IV	TBD	<table border="0"> <tr> <td data-bbox="1282 753 1460 882">FY22 </td> <td data-bbox="1474 753 1856 882">FY22 </td> </tr> <tr> <td data-bbox="1282 896 1460 968"><b>RFP Release</b></td> <td data-bbox="1474 896 1856 968"><b>Contract Award</b></td> </tr> </table>	FY22 	FY22 	<b>RFP Release</b>	<b>Contract Award</b>
FY22 	FY22 					
<b>RFP Release</b>	<b>Contract Award</b>					
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)				
<p><b>Name:</b> CAPT Lisa Sullivan</p> <p><b>Organization:</b> PMA-205</p> <p><b>Phone:</b> (301) 757-6944</p> <p><b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	TBD	N/A				



# Marine Corps Training Systems





# USMC Aviation Distributed Virtual Training Environment (ADVTE)

## Description/Summary of Program Requirements

Implement ADVTE at 1<sup>st</sup> and 4<sup>th</sup> Marine Aircraft Wing (MAW) Marine Aviation Training System Sites. Effort will also include improvements to existing 2<sup>nd</sup> and 3<sup>rd</sup> MAW ADVTE equipment and capability. Includes modernization of the currently fielded ADVTE equipment including Network Exercise Control Centers (NECC), and other “System-of-System” improvements to increase Virtual and Constructive training capability, and increase the number of systems that can connect to conduct distributed mission training capability across USMC ATS training sites.

- Sources Sought Notice posted on 30 August 2019 for Market Research purposes.
- Draft SOW and draft PRF released for an Industry Day / Site Visit, conducted 24 October at MCAS Miramar, CA
- Industry one-on-one sessions conducted week of 11 Nov 19
- Release date of updated draft technical information **TBD**
- Release date of Draft RFP **TBD**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TBD – <b>New Contract</b> [Not under TSC-IV]</p>	<p>54 Months</p>	<p>Mar 20</p>  <p><b>RFP Release</b></p>	<p>Aug 20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> CAPT Lisa Sullivan</p> <p><b>Organization:</b> PMA-205</p> <p><b>Phone:</b> (301) 757-6944</p> <p><b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	<p>\$42M</p>		<p>Veraxx Engineering Corp. (Original Delveloper)</p>



# KC-130J Weapons System Trainer Technology Refresh

## Description/Summary of Program Requirements

KC-130J WST #3 2F199-3 Technology Refresh.

Planned contracting approach is to use an existing Air Force contract that already includes upgrades to KC-130 WSTs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>Sole Source Modification to Existing Contract at the SPO Wright Patterson AFB</p>	<p>24 Months</p>	<p>Apr 20  RFP Release</p> <p>Feb/Mar 21  Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks <b>Organization:</b> NAWCTSD <b>Phone:</b> (407) 380-8085 <b>Email:</b> Brian.Hicks@navy.mil</p>	<p>\$13M</p>	<p>Lockheed Martin</p>



# AV-8B Maintenance Trainer Technology Refresh

## Description/Summary of Program Requirements

Conduct a Technology Refresh to AV-8B Avionics, Electrical, Armament, Power Plant, Flight Controls, and Landing Gear Maintenance Trainers located at MCAS Cherry Point, NC

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TSC IV	21 Months	May/Jun 20  <b>RFP Release</b>	Oct 20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$2.5M	CymSTAR (Previous Mod Contractor)	



# AV-8B Deployable Mission Rehearsal Trainer (DMRT) H6.2 Operational Flight Program Upgrade

## Description/Summary of Program Requirements

Assess Operational Flight Program (OFP) version H6.2 requirements and implement OFP H6.2 upgrade into two (2) AV-8B Deployable Mission Rehearsal Trainers (DMRT) to reflect concurrent OFP/operational capabilities between AV-8B Aircraft and DMRT.

- Acquisition Strategy (AS) is not yet finalized.
- Market Research Sources Sought Notice expected to be released in Nov/Dec 2019.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>TBD – pending completion of Market Research</p>	<p>Estimated Delivery 9 Months from date of Contract Award</p>	<p>Jan 20  RFP Release</p> <p>Apr 20  Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	<p>\$1.75M</p>	<p>LSI (OEM)</p>



# USMC Aviation Training Systems (ATS) Tactical Environment (TEn) Technical Upgrades II and Completion

## Description/Summary of Program Requirements

Enhancement and Completion, verification, and fielding of TEEn interoperability and Semi-Automated Forces (SAF) capabilities for all Marine Aircraft Wing (MAW) Aviation Training System Sites. Includes upgrades to existing MC ATS training devices utilizing the TEEn and implementation of the TEEn into current and future non-TEEn based training devices, modernization of Aviation Distributed Virtual Training Environment (ADVTE) Navy Aviation Simulation Master Plan (NASMP) and Distributed Interactive Simulation (DIS) Bridges for enhanced Marine Air Ground Task Force Virtual and Constructive training capabilities.

Planned contract action includes an ID/IQ contract with multiple Delivery Orders.

- Sources Sought Notice posted on 30 August 2019 for Market Research purposes. Responses received and completion of market research in underway

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>TBD</b> – New Contract anticipated, pending results of market research [Not under TSC-IV]</p>	<p>54 Months</p>	<p>Oct 20  <b>RFP Release</b></p>	<p>Feb/Mar 21  <b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil</p>	<p>\$14M</p>	<p>Original Developer: Veraxx Engineering Corp.</p>	



# AH-1Z and UH-1Y (H-1) Portable Mission Rehearsal Trainer (PMRT)

## Description/Summary of Program Requirements

The H-1 PMRT will bridge a gap in deployed training capabilities by providing pilot and aircrew a portable mission rehearsal device. The scope of this effort is to provide multiple AH-1Z and UH-1Y (“H-1”) Portable Mission Rehearsal Trainers (PMRT) that will improve aircrew operational training and readiness, and reduce operational risk.

The H-1 PMRT is envisioned to be a head mounted display system (virtual or mixed reality) part task trainer with simulated aircraft cyclic/collective/pedals and touchscreen interfaces for key aircraft systems such as the Multi and Dual-Function Displays (M/DFD), aircraft Keyboard, and weapon and countermeasure systems.

- Acquisition Strategy is still being determined/finalized (possible competitive approach)
- Following the finalization of the Acquisition Strategy, a pre-solicitation conference will be conducted – date is TBD
- Request for Information will be released in late November 2019 with a Sources Sought in January 2020 to help refine acquisition strategy

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	36 Months	Aug 20  <b>RFP Release</b>	Mar 21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Lisa Sullivan <b>Organization:</b> PMA-205 <b>Phone:</b> (301) 757-6944 <b>Email:</b> Lisa.M.Sullivan1@navy.mil	\$14.5M	New Device	



# CMV-22 Flight Trainer Procurement

## Description/Summary of Program Requirements

Procure and deliver (up to) four flight trainers to support US Navy CMV-22 Carrier Onboard Delivery (COD) Mission.

Navy CMV-22 Configuration uses the MV-22B Block C Baseline and adds CMV-22 ECP which includes: Aft/Fwd Sponson and Wing Tanks from CV-22 for extended range, public address, fuel jettison system, cargo bay and loading ramp lighting, HF radio from CV-22 effort for BLOS communications.

Includes Provisioned items (initial spares), Technical data and information, Contractor Logistics Support.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 year	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Released</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p style="color: red;">22 Nov 2019</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Brian Hicks</p> <p><b>Organization:</b> NAWCTSD</p> <p><b>Phone:</b> (407) 380-8085</p> <p><b>Email:</b> Brian.Hicks@navy.mil</p>	\$72M	Bell-Boeing



**ISIS**  
TRAINING & SIMULATION INDUSTRY SYMPOSIUM

**Robin Wieckhorst**  
Director,  
Cross-Warfare Programs (PDX)  
NAWCTSD

NAWCTSD

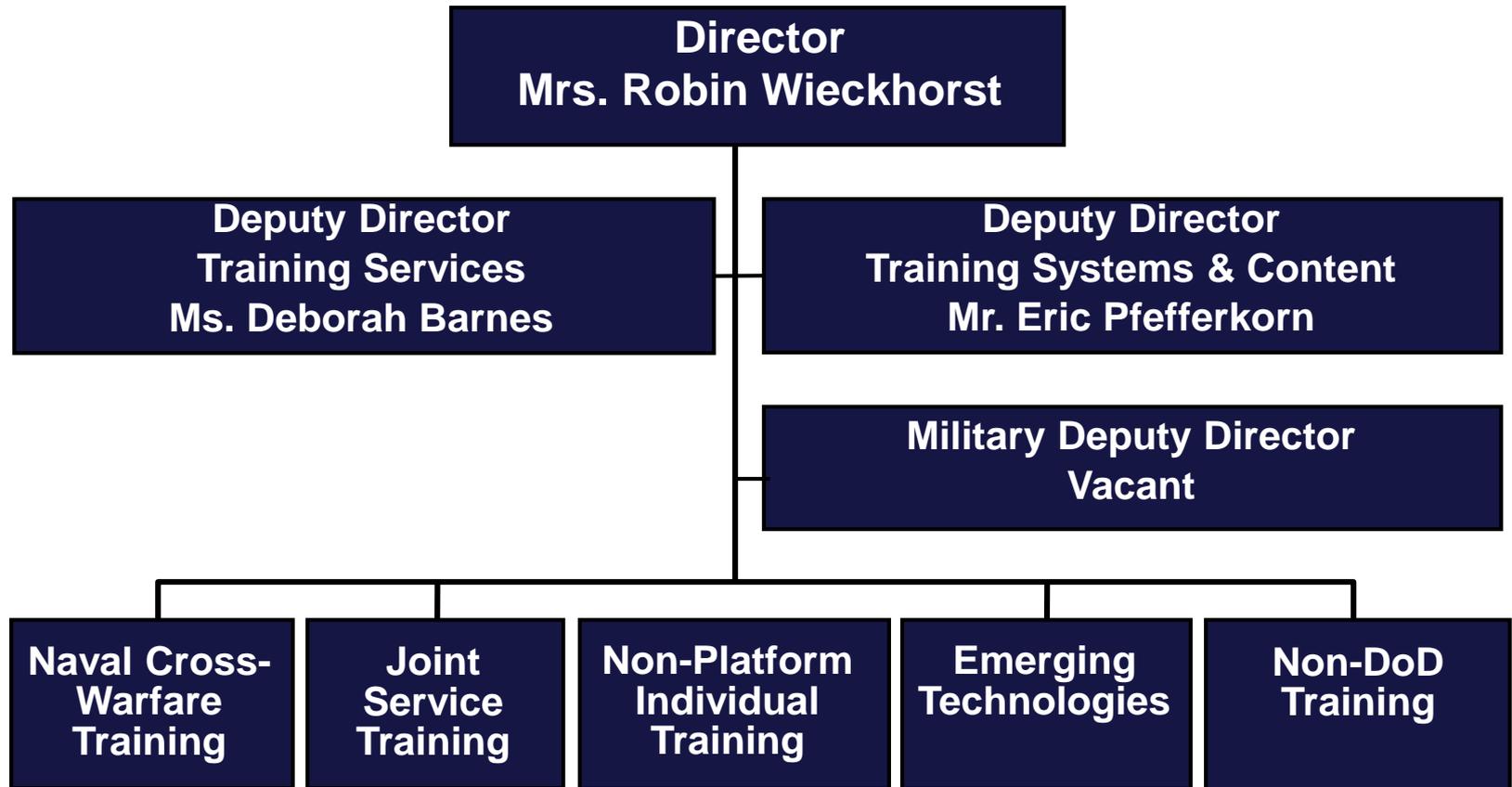


**Robin Wieckhorst**

**Director, Cross-Warfare Programs**



# Cross-Warfare Programs Organization





# Battle Stations 21 Tech Refresh

## Description/Summary of Program Requirements

Battle Stations 21 is the capstone event for every Navy Recruit that tests firefighting, basic damage control, flooding, and mass casualty operations based off of actual Navy events; all while immersed in high tech sights, sounds and smells. This acquisition will provide technical refreshes of hardware and software components in addition to minor upgrades.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
IDIQ  <b>Sole Source</b>	5 Yrs	2nd Qtr FY20   <b>RFP Release</b>	4th Qtr FY20   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst  <b>Organization:</b> Cross-Warfare Programs  <b>Phone:</b> 407-380-4214  <b>Email:</b> robin.wieckhorst@navy.mil	\$22M	N/A	



# Live, Virtual, Constructive (LVC) Integrated Training Systems and Support (ITS)

## Description/Summary of Program Requirements

LVC systems provide virtual maintenance and operational training of U.S. Navy systems to U.S. Navy watch standers. The development of new training systems and upgrades to existing training systems will include training for individual, team, and/or multi-team training requirements.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full and Open  Competitive	5 Yrs	Released <span style="color: red;">Jan 20</span>   <b>RFP Release</b> <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$50M	Alion



# Naval Reserve Officer Training Command (NROTC) Conning Officer Virtual Environment Mobile Training Cart (COVE-MTC) Support

## Description/Summary of Program Requirements

Support for the maintenance, operation, identification of failed components, configuration of setting and software, and other support via phone. Develop, deploy and maintain an on-line trouble ticket management system. Repair and/or replace failed units on COVE MTS systems. Provide on-site repair and/or support for units, technology refresh of in-service COVE training carts and supports annual SEA Trials NROTC training events.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA ANC IDIQ  Sole Source	5 Yrs	Released  <b>RFP Release</b>	Aug 19  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$22M	N/A	



# NAWCTSD Product Line Management IDIQ

## Description/Summary of Program Requirements

Cross-platform contract supporting multiple U.S. Navy programs to stand up/refresh U.S. Navy IT systems (e.g. classrooms, labs, part-task trainers, etc.) while maximizing the re-use of an Information Technology (IT) common hardware baseline. Support will include procure hardware from a common IT baseline, install software (including OSs), integrate IT systems, test, and deliver fully functional IT systems.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>SBSA IDIQ</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>Feb 20 <span style="margin-left: 150px;">4th Qtr FY20</span></p> <p style="text-align: center;"> <span style="margin-left: 150px;"></span></p> <p style="text-align: center;"><b>RFP Release</b> <span style="margin-left: 150px;"><b>Contract Award</b></span></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>TBD</p>	<p>N/A</p>



# Internal Contractor Services Support

## Description/Summary of Program Requirements

NAWCTSD Competencies and Program Directorates require Contractor Support Services (CSS) to assist in the acquisition and management of Navy training systems. Required disciplines include engineering, instructional systems, program management, logistics, public affairs, and financial analysis. The CSS requirements are for temporary augmentation of the NAWCTSD workforce. The CSS are required throughout the acquisition life cycle, from concept refinement through operation and support. Top Secret Facility Clearance is required at proposal due date.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>SBSA WOSB</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>Released</p>  <p>RFP Release</p>	<p>Jan 20</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$110M</p>	<p>Zenetex</p>	



# Fielded Training Systems Support (FTSS) V

## Description/Summary of Program Requirements

Multiple Award Contract (MAC) vehicle to provide task orders for Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) and associated services for USN/USMC units. Covers recurring FTSS sustainment requirements for primarily COMS and 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.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>MAC</p> <p>Competitive</p>	<p>5 Yrs base plus 3 1-Yr Options</p>	<p>1st Qtr 22</p>  <p>RFP Release</p> <p>4th Qtr 22</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$1.0B</p>	<p>Multiple: 9 FTSS IV Lot I MAC contractors</p>



# Naval Introductory Flight Evaluation (NIFE)

## Description/Summary of Program Requirements

Chief of Naval Air Training Command (CNATRA) requires contractor services, supplies and tasks for the operation and support of the United States Navy (USN) Naval Introductory Flight Evaluation (NIFE) program. NIFE training will be conducted ~~within the NAS Pensacola, FL area. and Annapolis, MD areas.~~

~~RFP release pending Air Boss decision on requirements.~~

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>SBSA SDVOSB</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>Released</p>  <p><b>RFP Released</b></p>	<p>Mar 20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p><b>\$24M</b></p>	<p>N/A</p>	



# Command Aircraft Crew Training (CACT) C-37A

## Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-37A (Navy configured Gulfstream V aircraft) pilot training. This contract supports training for the Commander Naval Air Reserve Force (CNAIRF) and MCAS Kanehoe Bay.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open  Competitive	5 Yrs	Released    <b>RFP Release</b>	4th Qtr FY19    <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mrs. Robin Wieckhorst  <b>Organization:</b> Cross-Warfare Programs  <b>Phone:</b> 407-380-4214  <b>Email:</b> robin.wieckhorst@navy.mil	\$3M		Flight Safety International (FSI)



# Command Aircraft Crew Training (CACT) C-37B

## Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-37B (Navy configured Gulfstream V/550 aircraft) pilot training. This contract supports training for the Commander Naval Air Reserve Force (CNARF) and MCAS Kanehoe Bay.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full and Open  Competitive	5 Yrs	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Released</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>2nd Qtr FY20</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	\$7M	Flight Safety International (FSI)



# Command Aircraft Crew Training (CACT) C-26D

## Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the Navy's C-26D (Navy configured Metroliner SA-227 aircraft) pilot training. This contract supports training for the Commander Naval Air Force, U.S. Atlantic and Pacific Fleets (CNAP and CNAL).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>Sole Source</b></p>	<p>5 Yrs</p>	<p>2nd Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>3rd Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$3M</p>	<p>Flight Safety International (FSI)</p>	



# Command Aircraft Crew Training (CACT) UC-35

## Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services necessary for training of aircrew personnel of the UC-35C (Navy configured Cessna Citation V ULTRA/CE-500-560) and UC-35D (a Navy configured Cessna Citation V ENCORE/CE-500-560) pilot training. This contract supports training for various commands.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full and Open  Competitive	5 Yrs	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p><b>Feb 20</b></p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>4th Qtr FY20</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	\$7M	Flight Safety International (FSI)



# Command Aircraft Crew Training (CACT) T-44C

## Description/Summary of Program Requirements

Labor, equipment, supervision and other services, necessary to provide pilot training for the Navy T-44C ProLine 21(PL21) aircraft. The T-44C is a Navy configured Raytheon/Beechcraft King Air C-90 with a modified ProLine 21 avionics suite.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>Sole Source</b></p>	<p>5 Yrs</p>	<p>2<sup>nd</sup> Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>4<sup>th</sup> Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$25M</p>	<p>CAE USA</p>	



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

## Description/Summary of Program Requirements

Labor, equipment, training facilities, supervision and other services, necessary to provide organizational level maintenance training for the C-40A (Navy configured Boeing 737-700C Increased Gross Weight [IGW] aircraft).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open  Competitive	5 Yrs	4th Qtr FY20   <b>RFP Release</b>	1st Qtr FY21   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$4.5M	Delta Airlines	



# Pilot and Aircrew Courseware R&M Navy Helo

## Description/Summary of Program Requirements

Revision and Maintenance (R&M) of MH-60S/R and MQ-8 Fleet Readiness Squadron (FRS) Pilot and Aircrew training courseware located at NAS North Island, CA, NS Mayport FL and NS Norfolk VA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>SBSA</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>Released</p>  <p>RFP Release</p>	<p>2nd Qtr FY20</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$28M</p>	<p>Crew Training International, Inc (CTI)</p>	



# Pilot and Aircrew Courseware R&M E-2 / C-2 / Landing Signal Officer

## Description/Summary of Program Requirements

Revision and Maintenance (R&M) of E-2, C-2, and Landing Signal Officer (LSO) Fleet Readiness Squadron (FRS) and Weapons School Pilot and Aircrew courseware, located at NAS Oceana, VA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>SBSA</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>Jun 20</p>  <p>RFP Release</p>	<p>1st Qtr FY21</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$7M</p>	<p>Crew Training International, Inc (CTI)</p>	



# Pilot and Aircrew Courseware R&M USN /USMC

## Description/Summary of Program Requirements

Revision and Maintenance (R&M) of curriculum, to include support of Electronic Classrooms (ECR), Learning Resource Centers (LRC), network systems, and Foreign Military Sales (FMS) in support of USN / USMC training located at MCAS Cherry Point, NC (VMAT-203, VMU FRD, KC-130 FRD), MCAS New River, Jacksonville, NC, (HMHT-302), NS Norfolk, VA (HM-12, HSCWSL), MCAS Camp Pendleton, CA (HMLAT-303), MCAS Beaufort, SC (MATSS) and MCAS Miramar, CA (MATSS).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TBD</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>3rd Qtr FY21</p>  <p><b>RFP Release</b></p>	<p>2nd Qtr FY22</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$13M</p>	<p>Crew Training International, Inc (CTI)</p>	



# Diversified Aircrew Readiness Training System (DARTS) CIS

## Description/Summary of Program Requirements

Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP) to support P-3C, EP-3E and P-8A training requirements at NAS Jacksonville, FL and NAS Whidbey Island, WA and to support H-60S/R training requirements at NAS Jacksonville, FL. Top Secret Facility Clearance required at proposal due date.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV  Competitive	5 Yrs	Released    <b>RFP Release</b>	4th Qtr FY19    <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mrs. Robin Wieckhorst  <b>Organization:</b> Cross-Warfare Programs  <b>Phone:</b> 407-380-4214  <b>Email:</b> robin.wieckhorst@navy.mil	\$15M		FTSS Joint Venture



# E-6B COMS/CIS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Force, U.S. Pacific Fleet (CNAP) and Center for Naval Air Technical Training (CNATT) to support E-6B training devices and requirements at Tinker AFB, OK.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV  Competitive	5 Yrs	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Released</p>  <p><b>RFP Released</b></p> </div> <div style="text-align: center;"> <p>Dec 19</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	\$23M	Fidelity Technologies, Inc.



# E-2 COMS/CIS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support E-2C/D training requirements at NS Norfolk, VA and Point Mugu, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV  Competitive	5 Yrs	Released <span style="color: red;">Jan 20</span>   <b>RFP Release</b> <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$25M	Fidelity Technologies, Inc.



# Naval Aviation Survival Training Program COMS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Bureau of Medicine and Surgery (BUMED) to support Naval Aviation Survival Training Program (NASTP) training devices and requirements at NAS Jacksonville, FL, NS Norfolk, VA and MCAS Cherry Point, NC.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA  Competitive	5 Yrs	Released    <b>RFP Release</b>	Mar 20    <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$5M	Engineering Support Personnel (ESP)	



# Contractor Instructional Services, Atlantic (CISLANT)

## Description/Summary of Program Requirements

Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) to support training devices and requirements at NS 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-3, P-8, and MQ-4, MQ-8.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV  Competitive	5 Yrs	<b>1st Qtr FY21</b>  <b>RFP Release</b>	<b>3rd Qtr FY21</b>  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$90M	LB&B	



# USMC Aviation Training Systems COMS/CIS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support USMC AV-8B, KC-130, MV-22, CH-53E, MAWTS, UH-1, CH-53K and AH-1 training devices and requirements at MCAS Cherry Point, NC, MCAS New River, NC, MCAS Yuma, AZ, Camp Pendleton, CA, and MCAS Miramar, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV  Competitive	5 Yrs	3rd Qtr FY20   <b>RFP Release</b>	1st Qtr FY21   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$125M	Valiant Integrated Services	



# F/A-18 COMS/CIS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) and Contractor Instructional Services (CIS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) for F/A-18 training at NAS Oceana, VA, MCAS Beaufort, SC, MCAS Miramar, CA, NAS Lemoore, CA, NAS Whidbey Island, WA and 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	
FTSS IV  Competitive	5 Yrs	3 <sup>rd</sup> Qtr FY20   <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY21   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	<b>\$90M</b>	Valiant Integrated Services	



# CNATRA COMS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf 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	
FTSS IV  Competitive	5 Yrs	3rd Qtr FY21   <b>RFP Release</b>	1st Qtr FY22   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$40M	Fidelity Technologies, Inc.	



# Maritime COMS

## Description/Summary of Program Requirements

Contractor Operation and Maintenance Services (COMS) on behalf of Commander, Naval Air Forces Atlantic (CNAL) and Pacific (CNAP), and Center for Naval Air Technical Training (CNATT) to support P-3C, EP-3E, MQ-4 and P-8A training devices and requirements at NAS Jacksonville, FL and NAS Whidbey Island, WA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV  Competitive	5 Yrs	1st Qtr FY22   <b>RFP Release</b>	3rd Qtr FY22   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$80M	LB&B	



# Fleet Readiness Center Southeast (FRCSE) Depot Level Maintenance (DLM)

## Description/Summary of Program Requirements

Contractor support services for aircraft, aircraft engines and associated components and material undergoing DLM, involving the rework of existing aviation end items, systems, and components and manufacture of items and component parts otherwise not available. This is to include modernization, conversion, in-service repair, disassembly, and all other categories of aircraft DLM.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA 8(a)  Competitive	4 Yrs	Released    <b>RFP Release</b>	Jun 19    <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mrs. Robin Wieckhorst  <b>Organization:</b> Cross-Warfare Programs  <b>Phone:</b> 407-380-4214  <b>Email:</b> robin.wieckhorst@navy.mil	\$111M		M2 Services



# Fleet Readiness Center East (FRCE) Depot Level Maintenance (DLM)

## Description/Summary of Program Requirements

NAWCTSD contracts for a workforce of 35 - 45 annual workyears to support aircraft, aircraft engines, and associated components/material that are undergoing Depot Level Maintenance (DLM) at FRCE Cherry Point and MCAS New River. Weapons Systems include: H-1, H-46, H-53, V-22, AV-8, F/A-18, F-35, EA-6B. Engines include: F402, T58, T64, T400, T700, and GE-38.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA 8(a)  Competitive	7 Yrs	Released  <b>RFP Release</b>	<b>Apr 20</b>  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mrs. Robin Wieckhorst <b>Organization:</b> Cross-Warfare Programs <b>Phone:</b> 407-380-4214 <b>Email:</b> robin.wieckhorst@navy.mil	\$88M	AVMAC LLC	



# Fleet Readiness Center Southeast (FRCSE) Production Support Services (PSS)

## Description/Summary of Program Requirements

Production Support Services (PSS) in support of Depot Level Maintenance (DLM) at FRCSE and its supported areas which includes Production Control, Warehouse Specialist, Transportation, Supply Technician, Stock Clerk, and Tools and Parts Attendant (TPA) services.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>SBSA</p> <p>Competitive</p>	<p>6 Yrs</p>	<p>Jan 20</p>  <p>RFP Release</p> <p>4th Qtr FY20</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$53M</p>	<p>ProLog</p>



# Fleet Readiness Center East (FRCE) Engineering Support Services (ESS)

## Description/Summary of Program Requirements

Engineering Support Services (ESS) at FRCE and its supported areas provides the full range of engineering support for aircraft, engines and support systems, and development of engineering data, Technical Directives (Bulletins, Changes, etc.), Technical Manuals, Drawings, and Engineering Investigations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>SBSA</p> <p>Competitive</p>	<p>5 Yrs</p>	<p>4<sup>th</sup> Qtr FY20</p>  <p>RFP Release</p>	<p>3<sup>rd</sup> Qtr FY21</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mrs. Robin Wieckhorst</p> <p><b>Organization:</b> Cross-Warfare Programs</p> <p><b>Phone:</b> 407-380-4214</p> <p><b>Email:</b> robin.wieckhorst@navy.mil</p>	<p>\$35M</p>	<p>LTM Inc.</p>	

## BREAK

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(A-C Foyer)



# Mr. Paul Honold

Director,  
Surface & Undersea Programs  
(PDS&U)  
NAWCTSD

NAWCTSD



**Paul Honold**

**Director, Surface and Undersea Warfare Programs**



# Program Directorate, Surface & Undersea Organization

**Director**  
**Mr. Paul Honold**

**Surface & Expeditionary Warfare Programs**

**Undersea Programs**

LCS TSEA Deputy  
Mr. Chris Korn

Deputy Director  
Mr. Alan Litz

Military Deputy  
CAPT Espinoza

Deputy Director  
Mr. William Zeller

Military Deputy  
Vacant

Surface Warfare  
Officer Training

Combat Systems  
Training

Propulsion  
Engineering  
Training

MRTS 3D  
Undersea

MRTS 3D  
Aviation

VISIT 3-D

Littoral Combat  
Ship Training  
Project Office

Navigation,  
Seamanship &  
Shiphandling

Amphibious  
Warfare Training

MRTS 3D  
Other, ACTS

Submarine  
Navigation

Hull, Mechanical &  
Electrical

Fire Fighting &  
Damage Control

Operations &  
Maintenance  
Services

Instructor  
Services (NSS,  
GCIS)

Submarine  
Fire Fighting

Contractor  
Maintenance  
Services

Front-End  
Analysis

Surface Training  
Advanced Virtual  
Environment



# Surface Training Immersive Gaming & Simulations (STIGS)

## Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQC) for fielding of new virtual system simulation products and interactive courseware as well as the continued lifecycle support of existing systems. Current devices include Virtual Maintenance Performance Aid – Navigation System Maintenance Trainer, Hull Mechanical & Electrical Training Devices, and Foreign Military Sales Device 14A12 Japan Anti-Submarine Warfare (ASW) Team Trainer and Littoral Combat Ship (LCS) Immersive Virtual Shipboard Environment (IVSE) Courseware.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Full & Open  Competitive	5 Year Ordering Period	Released <span style="color: red;">Jan 20</span>   <b>RFP Release</b> <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	\$99M	Alion Science & Technology Corp Cubic Simulations

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



# Surface Training Advance Virtual Environment (STAVE) – Combat Systems

## Description/Summary of Program Requirements

Acquire training solutions – software and hardware - in support of STAVE Combat Systems requirements. Most solutions are expected to use the STIGS, PC-based Open Architecture Reconfigurable Training System (PORTS), Advanced Computer-based Training Systems (ACTS) contract vehicle. **Acquisitions under the STAVE umbrella will be provided via separate slides – this place holder slide no longer needed.**

**Cancelled**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
STIGS/PORTS/ACTS  Competitive	TBD	TBD  <b>RFP Released</b>	TBD  <b>Contract Award</b>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	TBD		N/A



# AEGIS Ashore Team Trainer (AATT) Ballistic Missile Defense (BMD) 5.1 Build 24.0.5 – Phase II

## Description/Summary of Program Requirements

Design, develop, integrate, test and deliver, AATT BMD 5.1 Build 24.0.5 capabilities to support AEGIS Ashore Missile Defense System (AAMDS) watch team BMD qualification and certifications requirements conducted at CSCS Dam Neck VA. Scope will include simulation software development/modification, AEGIS baseline 9B updates, and configuration management. A phased contract approach will be implemented:

Phase I – Requirements Analysis Working Groups

Phase II – Deliver BMD 5.1 Build 24.0.5 Enhancement

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	24 Months	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p style="color: red;">Jan 20</p> <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p style="color: red;">Apr 20 (PH II)</p> <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> NAWCTSD, PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	\$6.5M	Lockheed Martin Mission Systems & Training, Moorestown, NJ



# AEGIS Ashore A3C4I BMD 5.1 Build 24.0.5 Training Enhancement – Phase II

## Description/Summary of Program Requirements

Design, develop, integrate, test and deliver, AEGIS Ashore Assured Command, Control, Communications, Computers and Intelligence (A3C4I) – Ballistic Missile Defense (BMD) 5.1 Build 24.0.5 Training Upgrade, to support AEGIS Ashore Missile Defense System (AAMDS), A3C4I personnel training. A3C4I is a subsystem of the AEGIS Ashore Team Trainer, Device 20F27. This is a PC-based Open-architecture for Reconfigurable Training Systems (PORTS) simulation application. A phased contract approach will be implemented:

Phase I – Requirements Analysis Working Group

Phase II – A3C4I BMD 5.1 Build 24.0.5 Enhancement

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	24 Months	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>Jan 20</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>Apr 20 (PH II)</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> NAWCTSD, PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	\$2.8M	Northrop Grumman Information Systems



# NATO Sea Sparrow Missile System – Operator and Maintenance Training

## Description/Summary of Program Requirements

Design, develop, integrate, test and deliver, NATO Sea Sparrow Missile System (NSSMS), operator and maintenance capabilities to support NSSMS MK-57 MODS 12-15 training requirements conducted at Center for Surface Combat Systems (CSCS) Dam Neck VA.

**AWARDED**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source  SBIR Phase III, JHT Inc	36 Months	Released    <b>RFP Release</b>	June 19    <b>Contract Awarded</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold  <b>Organization:</b> PDS&U  <b>Phone:</b> 407-380-4160  <b>Email:</b> paul.honold@navy.mil	\$7M	N/A	



# PORTS Delta

## Description/Summary of Program Requirements

New contract required for support of the PC-based Open Architecture Reconfigurable Training Systems (PORTS) trainers prior to award of the new Indefinite Delivery/Indefinite Quantity Contract. Scope will include emergent Training Equipment Change Request (TECRs), simulation software development and modification, hardware technical refresh requirements elicitation, configuration management, and other actions as specified.

**AWARDED**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	2 years	July 19  <b>RFP Release</b>	Sept 19  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	\$8M	Northrop Grumman Technology Services	



# PORTS ID/IQ Contract

## 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 PORTS trainers. This will be the follow-on contract vehicle to replace the existing PORTS ID/IQC and includes the Multi-Mission Team Trainers. 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	
Sole Source	5 Year Ordering Period	1 <sup>st</sup> Qtr FY20  <b>RFP Release</b>	3 <sup>rd</sup> Qtr FY20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	\$70M	Northrop Grumman Technology Services	

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



# Surface Training Advanced Virtual Environment (STAVE) Electronic Classroom (ECR) Technology Refresh

## Description/Summary of Program Requirements

Surface Training Advanced Virtual Environment (STAVE) Electronic Classroom (ECR) Technology Refresh using COTS hardware and furniture. This procurement will be awarded using the Simplified Acquisition Procedures (SAP). The base award will acquire one classroom with options for up to 24 additional classrooms. Scope includes conducting site surveys, procurement, delivery, replacement of obsolete ECR equipment, and delivery of supporting ECR documentation. The ECR's are located at Surface Warfare Officer Schools (SWOS) Great Lakes, IL, San Diego, CA, and Norfolk, VA.

**AWARDED**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES						
SDVOSB Competitive  SAP Procedures	15 Months	<table border="0"> <tr> <td data-bbox="1323 768 1464 801">Released</td> <td data-bbox="1624 768 1777 801">02 July 19</td> </tr> <tr> <td data-bbox="1348 825 1439 886"></td> <td data-bbox="1649 825 1740 886"></td> </tr> <tr> <td data-bbox="1335 901 1464 962"><b>RFP Release</b></td> <td data-bbox="1636 901 1773 962"><b>Contract Awarded</b></td> </tr> </table>	Released	02 July 19			<b>RFP Release</b>	<b>Contract Awarded</b>
Released	02 July 19							
<b>RFP Release</b>	<b>Contract Awarded</b>							
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)						
<b>Name:</b> Mr. Paul Honold  <b>Organization:</b> PDS&U  <b>Phone:</b> 407-380-4160  <b>Email:</b> paul.honold@navy.mil	\$2.3M	N6134019P0060 BEAM IT Security Inc.						



# Surface Firefighting Trainer Smoke System Replacement/AFFF System Removal

## Description/Summary of Program Requirements

Replace obsolete smoke generation systems for the family of Navy Surface Fire Fighting Trainers to current industry standard technology. Removal of deteriorating Aqueous Film Forming Foam (AFFF) components and systems, which are no longer a training requirement. Replace current degraded Non-Skid throughout the Damage Control Wet Trainers (DCWT) for Newport, RI, San Diego, CA and Norfolk, VA to comply with basic NAVOSH safety requirements for Non-Skid. Removal and replacement of deteriorated Watertight Hatches and Scuttles for Norfolk, VA, San Diego, CA and Newport, RI Wet Trainers.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC IV SBSA</p> <p>Competitive</p>	<p>5 years (includes base devices and options)</p>	<p>Nov 19</p>  <p><b>RFP Released</b></p>	<p>April 19</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>TBD</p>	<p>N/A</p>	



# Surface Navy Curriculum Modernization and Analysis IDIQ

## Description/Summary of Program Requirements

Single Award Indefinite Delivery/Indefinite Quantity Contract (ID/IQC) to create and modernize surface mission area curricula to include Combat Systems; Hull, Mechanical & Electrical (HM&E); Firefighting and Damage Control; Navigation, Seamanship & Shiphandling; Deck and Amphibious Warfare. Scope to include Curriculum/courseware new development, update and revision for instructor-led (Authoring Instructional Material - AIM/Content Planning Module -CPM/Learning Objective Model - LOM) and Computer Based Training courseware in accordance with Naval Education and Training Command (NETC) End-to-End (E2E) Process. Computer-Based Training (CBT)/Interactive Courseware (ICW) development, update, and revision in accordance with NETC E2E Process, and OPNAV/NETC Front End Analysis (FEA) products.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
WOSB Set Aside  Competitive	5 Years	Nov 19  <b>RFP Released</b>	Mar 20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	\$50M	N/A	



# Surface and LCS Contractor Operation and Maintenance Services

## Description/Summary of Program Requirements

Re-compete the Surface and LCS Operations and Maintenance Services contracts into a single contract for the Surface Programs Directorate. Performance-based contract to provide both on-site and on-call contractor operation and maintenance services in all major fleet concentration areas as well as remote locations. There are a total of 38 sites, including 4 overseas. Support includes all associated preventative maintenance and organizational and intermediate level corrective maintenance to support a 95% daily operational availability requirement.

**AWARDED**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
FTSS IV  Competitive	5 years	Released    <b>RFP Release</b>	June 19    <b>Contract Awarded</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold  <b>Organization:</b> PDS&U  <b>Phone:</b> 407-380-4160  <b>Email:</b> paul.honold@navy.mil	<b>\$51M</b>	Fidelity Technologies Corporation (Surface COMS)	



# Surface Fire Fighter and Damage Control Contractor Operation and Maintenance Services (COMS)

## Description/Summary of Program Requirements

Re-compete the Operations and Maintenance contract for the Surface FF/DC high risk training systems. Performance-based contract to provide operation and maintenance services in all major fleet concentration areas as well as remote locations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA  Competitive	5 Years	Nov 19  <b>RFP Released</b>	April 20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	\$23M	Engineering Support Personnel Corporation (ESP)	



# Navigation Seamanship Shiphandling Contractor Instructor Services (NSS CIS)

## Description/Summary of Program Requirements

Performance-based contract to provide instructor services for NSS related courses, provide curriculum updates and to serve as subject matter experts for NSS topics within the Surface Warfare Enterprise. This re-compete will address the requirements of Surface Officers School Command in all major fleet concentration areas. There are a total of 12 sites. Re-compete required due to significant increase and change in requirements resulting from the Comprehensive Review related to the Surface collisions in summer of 2017. **Updated time frames forthcoming – FTSS IV offerors will be notified.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
FTSS IV  Competitive	5 Years	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p style="color: red;">tbd</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p style="color: red;">tbd</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	<p style="color: red;">tbd</p>	LB&B



# Pacific Northwest Firefighting and Damage Control Training

## Description/Summary of Program Requirements

Contract to provide turnkey (courses and facilities) for live-fire Fire Fighting and Damage Control Training courses(s) for Navy and Coastguard personnel stationed in the Pacific Northwest (PACNORWEST) Fleet Concentration Area (FCA), in the Seattle, WA area.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
SBSA  Competitive	5 Years	Nov 19  <b>RFP Released</b>	Mar 20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	<b>\$6.5M</b>	WRG Fire Training	

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



# Deck Self-Assessment and Groom Training (D-SAGT) Instructor Services

## Description/Summary of Program Requirements

Contract to provide Instruction Services related to onboard training of self-assessment, operations, troubleshooting and maintenance for specific deck systems and configurations (various ship classes). Training is conducted primarily aboard the ship utilizing the ship as the classroom. Requirements also include curriculum review and updates, train-the-trainer events, and other curriculum related support.

Sources Sought Released March 2019; acquisition strategy being determined

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TBD</p> <p>Competitive</p>	<p>3 Years</p>	<p>Jan 20</p>  <p>RFP Release</p>	<p>July 20</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>\$5M</p>	<p>· N/A</p>	



# Ship to Shore Connector (SSC) Training Systems

## Description/Summary of Program Requirements

Acquire SSC training solutions in support of PMS377 new craft deliveries to replace Landing Craft Air Cushioned vehicles. Training solutions are expected to be comprised of Instructor Lead Training, Electronic Classrooms, Virtual and Full Mission Trainers to support training of Co-Pilots, Flight Engineer, Loadmaster, Deck Engineers and Crew Advanced Qualification Training. Analysis of potential training solutions and options was completed and is reflected in the RFP.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>TSC IV SBSA</p> <p>Competitive</p>	<p>3 years</p>	<p>Released <span style="color: red;">Mar 20</span></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">   <b>RFP Release</b> </div> <div style="text-align: center;">   <b>Contract Award</b> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>\$30M <span style="color: red;">(thru FY22)</span></p>	<p>N/A</p>

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



# Navy Expeditionary Combat Command Multi-Boat Simulators

## Description/Summary of Program Requirements

Acquire training solutions for new reconfigurable boat simulator (MK VI and Patrol Boat 40) in support of Coastal Riverine Force training of Visit, Board, Search, and Seizure (VBSS), Security force assistance (SFA), High value unit (HVU) shipping escort and Theater security cooperation (TSC) in support of PMS325. Emphasis of the training will be on requirements associated with the bridge crew, including the conduct of multi-boat maneuvers, navigation, and weapons engagement.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC IV</p> <p>Competitive</p>	<p>TBD</p>	<p>2<sup>nd</sup> Qtr FY20</p>  <p><b>RFP Released</b></p>	<p>4<sup>th</sup> Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>\$18M</p>	<p>N/A</p>	

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



# Mariner Skills Training Center

## Description/Summary of Program Requirements

Acquire and deliver 20 Conning Officer Virtual Environment (COVE) IIIs and 14 Voyage Management System (VMS) electronic classrooms to the Mariner Skills Training Center in San Diego and 20 COVE IIIs and 2 VMS classrooms to the MSTC in Norfolk.

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ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	Delivery by May 2021	2 <sup>nd</sup> Qtr FY20  <b>RFP Released</b>	3 <sup>rd</sup> Qtr FY20  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	\$ TBD	N/A	



# Littoral Combat Ship (LCS) Bridge Part Task Trainers (BPTT)

## Description/Summary of Program Requirements

Procure, build, install, test and deliver five (5) new LCS BPTTs and upgrade/tech refresh Seven (7) existing BPTTs for SWOS Newport, Littoral Training Facility (LTF) Mayport & San Diego BPTTs utilizing the VirtualShip (Vship®) product. Some design modifications will be included in the scope of work to capture architecture variations unique to the site location and integration of VMS 9.4.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC IV SBSA</p> <p>Competitive</p>	<p>4 years (base devices and options over 2 years)</p>	<p>Released</p>  <p><b>RFP Release</b></p>	<p>June 19</p>  <p><b>Contract Awarded</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>\$11.4M</p>	<p>Xebec</p>	



# STAVE - Littoral Combat Ship (LCS) Virtual Ship Training System (VSTS) Virtual Reality Labs (VRL)

## Description/Summary of Program Requirements

Procure, install, and integrate LAN and IT equipment to complete installation of 10 additional CLASSIFIED/UNCLASSIFIED Virtual Reality Labs and two (2) CLASSIFIED/UNCLASSIFIED Brief/De-Brief rooms at the Littoral Training Facility, located on Naval Station Mayport, FL. Additionally, procure, install, and integrate IT equipment to complete technical refresh of 12 CLASSIFIED/UNCLASSIFIED Virtual Reality Labs, and one (1) UNCLASSIFIED Haptic Lab, at the Littoral Training Facility, located on Naval Base San Diego, CA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>GSA Schedule 70</p> <p>Competitive</p>	<p>3 Years</p>	<p>1st Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>2nd Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p><b>\$TBD</b></p>	<p>Triton Joint Venture (JV) LLC</p>	

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



# Littoral Combat Ship (LCS) Knifefish/UISS Simulator Upgrade

## Description/Summary of Program Requirements

Effort to update Mission Bay Trainer assets at the Littoral Training Facilities in San Diego, California and Mayport, Florida. Scope to include launch and recovery of the Knifefish and UISS vehicles, line-zeroing function, and Windows 10 upgrade to system. Effort includes build, install, test, document and delivery as applicable.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC IV</p> <p>Competitive</p>	<p>TBD</p>	<p>2nd Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>1st Qtr FY21</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>\$3M</p>	<p>Cubic</p>	



# CSCS 7M/11M RIB Coxswain Simulator Trainer

## Description/Summary of Program Requirements

Effort to create coxswain simulator trainer at facilities in Coronado, California, Mayport, Florida, and Little Creek, Virginia to replace current outdated trainer. Scope to include multiple desktop simulators, one 240-degree immersive simulator, various small-boat operations, and realistic feedback for students. Effort includes build, install, test, document and delivery as applicable.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC IV</p> <p>Competitive</p>	<p>TBD</p>	<p>2nd Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>4<sup>th</sup> Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p>\$2M</p>	<p>N/A</p>	

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# Littoral Combat Ship (LCS) Mission Bay Trainer Update

## Description/Summary of Program Requirements

Effort to create and modernize Mission Bay Trainer assets at the Littoral Training Facilities in San Diego, California and Mayport, Florida. **Scope to include updates to cyber security, ordnance hoists, simulators, haptic devices, small boats, vehicle cradles, and cranes as required. Effort includes build, install, test, document and delivery as applicable.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>TSC IV</b></p> <p>Competitive</p>	<p>TBD</p>	<p>2nd Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>4th Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Mr. Paul Honold</p> <p><b>Organization:</b> PDS&amp;U</p> <p><b>Phone:</b> 407-380-4160</p> <p><b>Email:</b> paul.honold@navy.mil</p>	<p><b>\$2M</b></p>	<p>Cubic</p>	

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



# Littoral Combat Ship (LCS) Integrated Tactical Trainers (ITT)

## Description/Summary of Program Requirements

Acquisition to build, install, test and deliver one LCS ITT1C (Freedom variant) for Mayport, FL

**AWARDED**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	3 years	Released  <b>RFP Release</b>	<b>Oct 2019</b>  <b>Contract Awarded</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	TBD	Lockheed Martin	

NAWCTSD



**Paul Honold**

**Director, Surface & Undersea Programs**



# Advanced Computer-based Training Systems IDIQ

## Description/Summary of Program Requirements

Single Award IDIQ to provide computer models, applications, and other digital content for Multipurpose Reconfigurable Training System 3D® (MRTS 3D®), Virtual Interactive Shipboard Instructional Tour 3D™ (VISIT 3D™), and related trainers. Maintain middleware/programming interfaces, software development guidelines, and digital content libraries. Deliver classroom and laboratory equipment to Fleet training centers. Act as lead systems integrator for future application development by third parties.

Multipurpose Reconfigurable Training System 3D and MRTS 3D are registered trademarks of the U.S. Navy. Virtual Interactive Shipboard Instructional Tour 3D and VISIT 3D are trademarks of the U.S. Navy.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
SBSA  Competitive	5 Year Ordering Period	Released <span style="color: red;">Dec 2019</span>   <b>RFP Release</b> <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	~\$99M	Pro-Active



# Advanced Computer-based Training Systems Multi-Award Contract

## Description/Summary of Program Requirements

Multi-award IDIQ to provide computer models, applications, and other digital content for Multipurpose Reconfigurable Training System 3D<sup>®</sup> (MRTS 3D<sup>®</sup>), Virtual Interactive Shipboard Instructional Tour 3D<sup>™</sup> (VISIT 3D<sup>™</sup>), and related trainers using provided software development kits. Work with the ACTS IDIQ lead systems integrator for computer model and application development and testing.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
MAC  Competitive	5 Year	3rd Qtr FY20   <b>RFP Release</b>	1st Qtr FY21   <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold  <b>Organization:</b> PDS&U  <b>Phone:</b> 407-380-4160  <b>Email:</b> paul.honold@navy.mil	~\$200M	N/A	

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



# MRTS 3D DELIVERY ORDERS (DO)

## Description/Summary of Program Requirements

DOs on the MRTS 3D IDIQ are heavily software/application in nature. The applications are developed in Unity and displayed in a virtual environment using COTS hardware. These applications are virtual representations of equipment or platforms for training of operation and/or maintenance tasks. Interaction with the equipment is performed through multi-touch displays using multi-touch gestures. Most DOs consist of a MRTS 3D application and hardware for hosting. However, DOs can be strictly application development (hardware is already in place) or hardware procurement (creating another instance of the training device).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Delivery Order	12-24 Months	TBD  <b>RFP Release</b>	TBD  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Mr. Paul Honold <b>Organization:</b> PDS&U <b>Phone:</b> 407-380-4160 <b>Email:</b> paul.honold@navy.mil	TBD	Pro-Active	



**ISIS**  
TRAINING & SIMULATION INDUSTRY SYMPOSIUM

**Aida Matta**

Director,  
International Programs (PDI)  
NAWCTSD

NAWCTSD



**Aida Matta**

Director, International Programs





# International Programs Organization

**Director  
Aida Matta**

**Deputy Director-Tim Veschio**

**Military Deputy – CDR Kevin Shackelford**

**Aviation**

**Surface / Undersea**

**Cross-Warfare**

**Services**



# New Zealand P-8A Training Systems

## Description/Summary of Program Requirements

The Royal New Zealand Air Force (RNZAF) is purchasing the following Aircrew and Maintenance Training Systems as part of their Total Package Approach in support of the P-8 Aircraft procurement.

One (1) Operational Flight Trainer, one (1) Weapons Tactics Trainer, three (3) Electronic Classrooms, two (2) Debrief Stations, one (1) Virtual Maintenance Trainer, one (1) Training System Support Center (TSSC), one (1) Maintenance Support Cabinet (MSC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Released</p>  <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>2<sup>nd</sup> Qtr FY20</p>  <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Aida Matta</p> <p><b>Organization:</b> PDI</p> <p><b>Phone:</b> 407-381-8648</p> <p><b>Email:</b> aida.matta@navy.mil</p>	TBD	Boeing



# Republic of Korea P-8A Training Systems

## Description/Summary of Program Requirements

The Republic of Korea Navy (ROKN) is purchasing the following Aircrew and Maintenance Training Systems as part of their Total Package Approach in support of the P-8 Aircraft procurement.

One (1) Operational Flight Trainer, one (1) Weapons Tactics Trainer, five (5) Electronic Classrooms, two (2) Scenario Generation Stations (SGS), one (1) Virtual Maintenance Trainer, one (1) Training System Support Center (TSSC), **and one (1) Maintenance Support Cabinet (MSC).**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	Released <span style="color: red;">4th Qtr FY20</span>  <b>RFP Release</b>  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil	TBD	Boeing



# P-8A Training Systems – Future International Partners

## Description/Summary of Program Requirements

The Royal Saudi Naval Force (RSNF) is interested in the acquisition of Aircrew and Maintenance Training Systems to support the potential purchase of the P-8 Platform. Training Systems may include Operational Flight Trainer, Weapons Tactics Trainers, Training System Support Center (TSSC), Electronic Classrooms, Virtual Maintenance Trainers, and various other maintenance training devices.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source	5 years	TBD  <b>RFP Release</b>	TBD  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil	TBD	Boeing	



# Switzerland FA-18C/D Aircrew & Maintenance Training Systems

## Description/Summary of Program Requirements

Upgrade FA-18C/D Aircrew & Maintenance Courseware to 27C configuration – **Did not get funded**

In addition, procure the Next Generation Threat System (NGTS) and Run Time Interface (RTI) upgrades to the existing FA-18C/D Swiss Tactical Operational Flight Trainer (TOFT). - **This effort will be done organically.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES		
<p><b>This effort will be done organically</b></p>	<p>18 months</p>	<table style="width: 100%; text-align: center;"> <tr> <td style="width: 50%; vertical-align: top;"> <p>NA</p>  <p><b>RFP Release</b></p> </td> <td style="width: 50%; vertical-align: top;"> <p>NA</p>  <p><b>Contract Award</b></p> </td> </tr> </table>	<p>NA</p>  <p><b>RFP Release</b></p>	<p>NA</p>  <p><b>Contract Award</b></p>
<p>NA</p>  <p><b>RFP Release</b></p>	<p>NA</p>  <p><b>Contract Award</b></p>			
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)		
<p><b>Name:</b> Aida Matta  <b>Organization:</b> PDI  <b>Phone:</b> 407-381-8648  <b>Email:</b> aida.matta@navy.mil</p>	<p>TBD</p>	<p><b>NAVAIR Organic effort</b></p>		



# Kuwait F/A-18E/F Training Systems

## Description/Summary of Program Requirements

The Kuwait Air Force (KAF) is in the process of procuring FA-18E/F Super Hornet Training and Training Systems in a Block III configuration. This procurement includes Aircrew Training, Aircrew Computer Based Training (CBT), Tactical Operational Flight Trainers (TOFTs) and Low Cost Trainers (LCT's)

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
Sole Source	5 years	<div style="display: flex; justify-content: space-between;"> <div style="text-align: center;">   <b>RFP Released UCA Awarded</b> </div> <div style="text-align: center;"> <div style="margin-bottom: 5px;">09 Jan FY20</div>   <b>UCA Definitization</b> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil	TBD	Boeing



# Australia F/A-18-F / EA-18G Training Systems

## Description/Summary of Program Requirements

The Royal Australian Air Force is in the process of upgrading their existing FA-18F/EA-18G **Australia** Training Systems to System Configuration Sets (SCS) H14A , H16A, and H18A software/hardware upgrades for the next 5 years. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), Maintenance **Trainers Integrated Visual Maintenance Environment Trainer (IVEMT) and Maintenance Courseware.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>IDIQ Sole source to Boeing</p>	<p>5 years</p>	<p>Released    <b>RFP Release</b></p> <p><b>December 2019</b>    <b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Aida Matta  <b>Organization:</b> PDI  <b>Phone:</b> 407-381-8648  <b>Email:</b> aida.matta@navy.mil</p>	<p>\$92M</p>	<p>Boeing</p>



# Australia F/A-18-F/EA-18G Aircrew Training System

## Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), System Configuration Sets (SCS) H14A software/hardware upgrade. Delivery Order from the IDIQ Contract.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Delivery order IDIQ Sole source to Boeing</p>	<p>24 Months</p>	<p>Released  RFP Release</p>	<p>2<sup>nd</sup> QTR 2020  Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil</p>	<p>\$14.1 M</p>	<p>Boeing</p>	



# Australia F/A-18-F/EA-18G Maintenance Training/Trainer System

## Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Maintenance Trainers Integrated Visual Maintenance Environment Trainer (IVEMT) and Maintenance Courseware to H14A SCS sole source contract Boeing.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole source to Boeing	18 Months	2 <sup>nd</sup> QTR FY20  <b>RFP Release</b>	1 <sup>st</sup> QTR FY21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil	\$14.5M	Boeing	



# Australia F/A-18-F/EA-18G Aircrew Training System

## Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), System Configuration Sets (SCS) H16A software/hardware upgrade. from the IDIQ Contract.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Delivery Order IDIQ Sole source to Boeing</p>	<p>24 Months</p>	<p>2<sup>nd</sup> QTR FY20</p>  <p><b>RFP Release</b></p>	<p>1<sup>st</sup> QTR FY21</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil</p>	<p>\$16.1 M</p>	<p>Boeing</p>	



# Australia F/A-18-F/EA-18G Aircrew Training System

## Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), hardware upgrade (Aural Cueing and Sensor Cabinet).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>Sole source to <b>L3Harris</b></p>	<p>18 Months</p>	<p><b>Released</b></p>  <p><b>RFP Release</b></p> <p><b>December 2020</b></p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Aida Matta</p> <p><b>Organization:</b> PDI</p> <p><b>Phone:</b> 407-381-8648</p> <p><b>Email:</b> aida.matta@navy.mil</p>	<p><b>\$3.1M</b></p>	<p><b>L3Harris</b></p>



# Australia F/A-18-F/EA-18G Aircrew Training System

## Description/Summary of Program Requirements

The Royal Australian Air Force (RAAF) is in the process of upgrading their existing FA-18F/EA-18G Australia Training Systems. Affected systems include Aircrew Trainers Tactical Operational Flight Trainer (TOFT), hardware upgrade IG's/hardware obsolescence for all four TOFTs. Standalone Contract L3Harris.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole source to L3Harris	18 Months	2 <sup>nd</sup> QTRFY 20  <b>RFP Release</b>	1 <sup>th</sup> QTR FY21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil	\$4.1M	L3Harris	



# Bahrain AH-1Z International Pilot and Maintenance Training

## Description/Summary of Program Requirements

Provide one (1) Flight Training Device to be delivered in country for initial and follow-on training.

**This effort is no longer being procured by NAWCTSD Contracting Agency, contracting agency is at Pax River.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>This effort is no longer being procured by NAWCTSD Contracting Agency, contracting agency is at Pax River.</b></p> <p><b>Sole Source to Bell</b></p>	<p>2 year</p>	<p>1<sup>st</sup> Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>4<sup>th</sup> Qtr FY20</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta</p> <p><b>Organization:</b> PDI</p> <p><b>Phone:</b> 407-381-8648</p> <p><b>Email:</b> aida.matta@navy.mil</p>	<p>TBD</p>	<p><b>Bell</b></p>	



# Bahrain AH-1Z International Pilot and Maintenance Training

## Description/Summary of Program Requirements

Contractor provided Pilot and Maintenance training in support of AH-1Z.

Estimating 10 Pilots and 30 – 40 Maintenance Personnel. Training will be conducted in Bahrain.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Sole Source to CTI</p>	<p>2-3 year</p>	<p>3<sup>rd</sup> Qtr FY20</p>  <p><b>RFP Release</b></p>	<p>3<sup>rd</sup> Qtr FY21</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta</p> <p><b>Organization:</b> PDI</p> <p><b>Phone:</b> 407-381-8648</p> <p><b>Email:</b> aida.matta@navy.mil</p>	<p>TBD</p>	<p>N/A</p>	



# Japanese Ground Self Defense Force (JGSDF)

## MV-22 Training System

### Description/Summary of Program Requirements

Procurement of a Block C Half Wing Part Task Maintenance Trainer (HWPTT). This includes spares for the HWPTT and Containerized Flight Training Device.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
<p>Sole Source Contract Vehicle - BOA</p>	<p>36 Months</p>	<p>Released <span style="color: red;">2<sup>nd</sup> Qtr FY20</span></p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">   <b>RFP Release</b> </div> <div style="text-align: center;">   <b>Contract Award</b> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil</p>	<p><span style="color: red;">\$18M</span></p>	<p>Bell / Boeing</p>



# Global Peace Operations Initiative (GPOI)

## Description/Summary of Program Requirements

GPOI is a State Department-funded security assistance program focused on strengthening the international capacity and capabilities of partner countries and regional organizations to execute UN and regional peace operations. Requirements include assisting with site surveys to determine and validate requirements from the various partner countries, procurement of training equipment (i.e. language labs, uniforms, personal protective equipment), and on-site installation and training support.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Single Award IDIQ 8(a)	5 years	Released  <b>RFP Release</b>	<b>AWARDED</b> 28MAY19  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Aida Matta  <b>Organization:</b> PDI  <b>Phone:</b> 407-381-8648  <b>Email:</b> aida.matta@navy.mil	\$4 M Ceiling	Advanced IT Corporation (AITC)	

Awarded



# Saudi Arabia Multi-Mission Surface Combat (MMSC) Training System

## Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship (LCS). Procurement of LCS type training systems to support RSNF Train to Qualify / Train to Certify requirements.

Requirements for this effort include the Bridge Part Task Trainer (BPTT) and Virtual Ship Training System (VSTS), and the Virtual Reality Lab Hardware along with the classroom support equipment including desk & chairs.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>BPTT EFO to Domestic LCS Effort IVSE J&amp;A to Domestic LCS OEM</p>	<p>2 years</p>	<p>Released</p>  <p>RFP Release</p>	<p>1<sup>st</sup> Qtr CY20</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil</p>	<p>FMS Case Funded SR-P-SBV</p>	<p>TBD</p>	



# Saudi Arabia Multi-Mission Surface Combat (MMSC) Training System

## Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship. Procurement of MMSC specific Train to Qualify / Train to Certify Training Systems requirements.

This effort is for the MMSC specific Immersive Virtual Ship Environment (IVSE) **and is tied to availability of MMSC Hull #1 for possible digital scanning and courseware development requirements.**

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p><b>STIGS IV</b></p>	<p>3 years</p>	<p>3<sup>rd</sup> Qtr CY21</p>  <p><b>RFP Release</b></p>	<p>3<sup>rd</sup> Qtr CY22</p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta  <b>Organization:</b> PDI  <b>Phone:</b> 407-381-8648  <b>Email:</b> aida.matta@navy.mil</p>	<p><b>FMS Case SR-P-SBV</b></p>	<p>Original Developer - Cubic</p>	



# Saudi Arabia Multi-Mission Surface Combat (MMSC) Training System

## Description/Summary of Program Requirements

Royal Saudi Arabia Naval Forces (RSNF) Multi-Mission Surface Combatant is a variant of the US Littoral Combat Ship. Procurement of MMSC specific Train to Qualify / Train to Certify Training Systems requirements.

This effort is for the MMSC specific Immersive Virtual Ship Environment (IVSE).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
TBD	3 years	3 <sup>rd</sup> Qtr CY21  <b>RFP Release</b>	3 <sup>rd</sup> Qtr CY22  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> Aida Matta <b>Organization:</b> PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil	TBD	Original Developer - Cubic	



# AEGIS Center for Service Combat System Training Services

## Description/Summary of Program Requirements

AEGIS/Integrated Weapons System training and services for multiple foreign customers in support of the Center for Service Combat Systems (CSCS) Dahlgren Virginia, a division of NAVSEA.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>Sole Source <b>"C" Type Contract</b></p>	<p>5 years</p>	<p>Released</p>  <p><b>RFP Release</b></p>	<p><b>July 2020</b></p>  <p><b>Contract Award</b></p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta  <b>Organization:</b> PDI  <b>Phone:</b> 407-381-8648  <b>Email:</b> aida.matta@navy.mil</p>	<p><b>Each country supported by this effort will fund their portion of the effort depending on AWS/IWS training requirements. TBD</b></p>	<p>Lockheed Martin</p>	



# Egyptian Navy Bridge Trainers

## Description/Summary of Program Requirements

One (1) Class “A” Bridge Simulator, One (1) Class “B” Bridge Simulator, Spare Parts, Unclassified Publications, and associated support. Training device to support training on the Oliver Hazard Perry Class Frigate – Guided Missile (FFG), the Osprey Class Minehunter vessel (MHC), and the Ezzat Class – Ambassador MKIII Missile Craft (FMC).

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<p>TSC-IV (MAC-IDIQ)</p>	<p>2 years</p>	<p>2nd Qtr FY 20  RFP</p>	<p>3rd Qtr FY 20  Contract Award</p>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<p><b>Name:</b> Aida Matta <b>Organization:</b> NAWCTSD PDI <b>Phone:</b> 407-381-8648 <b>Email:</b> aida.matta@navy.mil</p>	<p>TBD</p>	<p>TBD</p>	

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



# Mr. Bob Seltzer

Director,  
Research & Technology Programs  
(4.6T)  
NAWCTSD



## Bob Seltzer

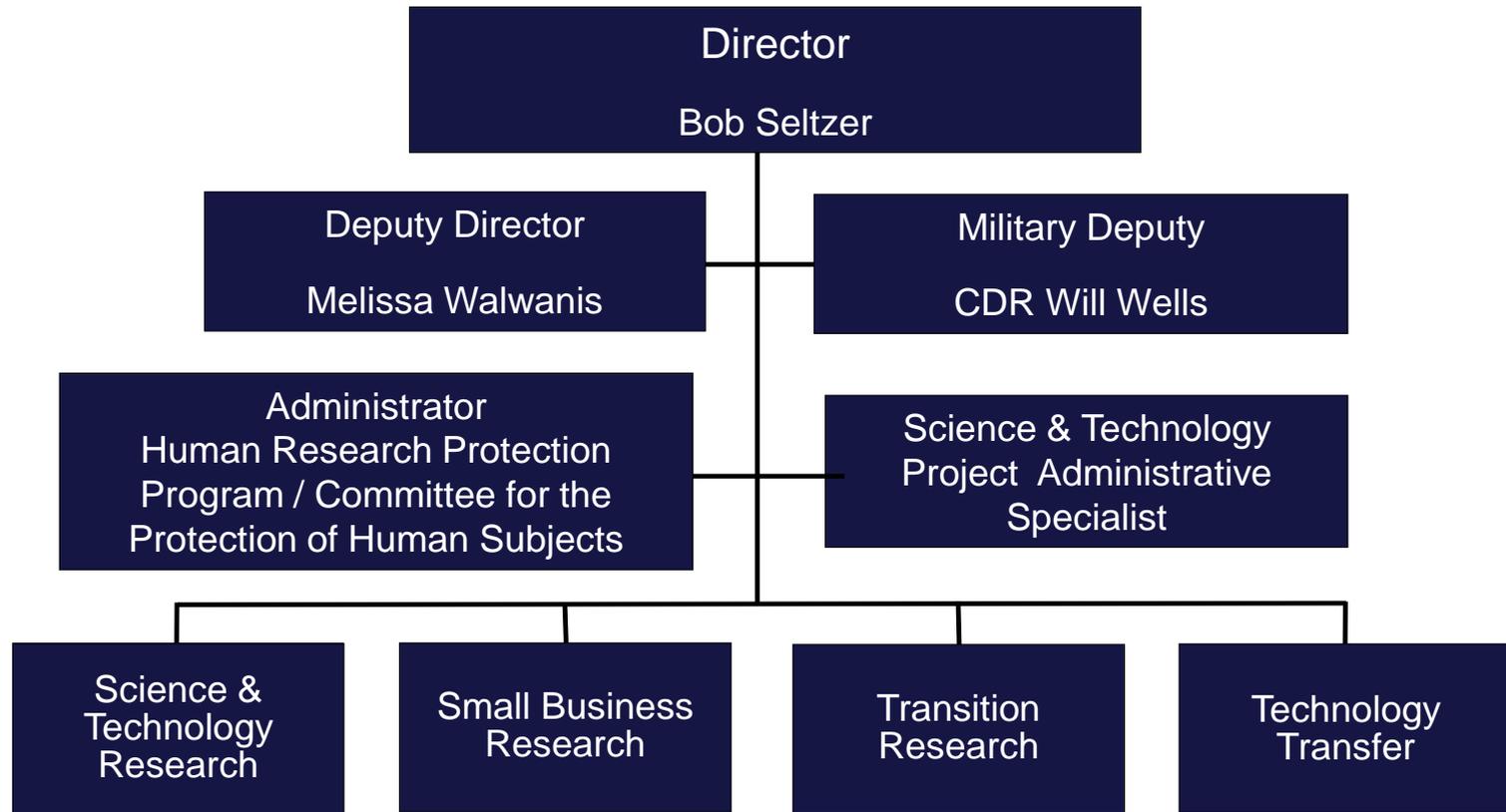
Director, Research and Technology Programs

<https://www.navair.navy.mil/nawctsd/TSIS>





# Research & Technology Programs Directorate



## MISSION

Plan & Perform a Full Range of Directed Research and Development in Support of Naval and Other DOD Training Systems for All Warfare Areas and Platforms, to Maintain a Naval Critical Technology Base and Transition Technology Results to the Fleet and Other Customers



# NAWCTSD Research Portfolio

- NAWCAD/Office of Naval Research Science & Technology (\*BA1-3)
  - Basic Research
  - Applied Research
  - Advanced Development
- DoD Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) program
- Navy Demonstrations and Validation Research (BA4-7)
- DoD Research
  - Joint/OSD/DARPA
  - Army/USAF/USMC Research
- Technology Transfer (Gov/Non-DoD Research)

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



# Small Business Innovation Research (SBIR) Opportunities

## Description/Summary of Program Requirements

- Process (2-3 SBIR solicitations per year)
- Phase I (1st yr): Scope problem & detail innovative solution (\$140K/\$100K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (up to \$1.5M)
- Phase III (thereafter): Further R&D development / acquisition transition (Government sole source)

### Next Solicitation:

→ (20.1) Released: 26 Nov 2019 Closes: 12 Feb 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• STTR Phase I</li> </ul> Competitive SBSA All Contracts Processed at NAWCAD, Lakehurst	<ul style="list-style-type: none"> <li>• Phase I: 6 Month w/6 month Option</li> <li>• Phase II: Up to 24 Months</li> <li>• Phase III: Open</li> </ul>	26 Nov 2019  RFP Released	12 Feb 2020  Contract Award
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
Name: Mr. Robert Seltzer Organization: R&T Programs Office Phone: 407-380-4115 Email: Robert.seltzer@navy.mil	<ul style="list-style-type: none"> <li>• Year 1 RDT&amp;E \$140K/\$100K</li> <li>• Year 2-3 RDT&amp;E \$1.5M</li> <li>• Year 4+ Non-SBIR \$s; No Limit/ No Competition Required</li> </ul>		<ul style="list-style-type: none"> <li>• TBD-Up to 3 awards planned per topic</li> </ul>



# Small Business Technology Transfer (STTR) Opportunities

## Description/Summary of Program Requirements

- Small business required to team with research or academic institution (non-Government)
- Phase 1(1st yr): Scope problem & detail innovative solution (\$140K/\$100K option)
- Phase II (2nd-3rd yrs): Develop prototype, test & evaluate (\$1.5M)
- Phase III (thereafter): Further R&D development/acquisition transition (Government sole source)
- Large businesses can partner with small businesses (for Phase III)

### Next Solicitation:

→ (20.A) Released: 26 Nov 2019    Closes: 12 Feb 2020

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
<ul style="list-style-type: none"> <li>• STTR Phase I</li> <li>Competitive</li> <li>SBSA</li> <li>All Contracts Processed at NAWCAD, Lakehurst</li> </ul>	<ul style="list-style-type: none"> <li>• Phase I: 6 Month w/6 month Option</li> <li>• Phase II: up to 24 Months</li> <li>• Phase III: Open</li> </ul>	<p>26 Nov19</p>  <p>RFP Released</p>	<p>12 Feb 20</p>  <p>Contract Award</p>
POINT OF CONTACT	FUNDING		CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p>Name:Mr. Robert Seltzer</p> <p>Organization: R&amp;T Programs Office</p> <p>Phone: 407-380-4115</p> <p>Email: Robert.Seltzer@navy.mil</p>	<ul style="list-style-type: none"> <li>• Year 1 R&amp;D \$140K/\$100K Option</li> <li>• Year 2-3 R&amp;D \$1.5M (Total)</li> <li>• Year 4+ Non-SBIR/STTR \$s; No Limit No Competition Required</li> </ul>		<ul style="list-style-type: none"> <li>• TBD-Up to 3 awards planned per topic</li> </ul>



# NAVAIR SBIR/STTR Proposal Solicitation Topics

- No NAWCTSD specific solicitations at this time
- Topics forthcoming on the next solicitation



# Continuing Areas of Research

- **Enterprise Data Analytics**
  - Aviation physiological episode causal analyses
  - Enterprise-level insight with unstructured datasets
- **Adaptive Training**
  - Adaptive Techniques Based upon Knowledge and Skill Decay
- **Virtual Reality & Augmented Reality Training Technologies**
  - Instructional Strategies
  - Visual & Haptic Enhancements
- **Live, Virtual & Constructive (LVC) Training**
  - Multi-level Performance Measurement and Assessment / Human Perf. Modeling
  - Denied & Degraded Environments (D2E)
  - Electronic Maneuver Warfare Training Strategies and Technologies
- **Cyber Warfare**
  - Human Performance & Training
  - Modeling Effects



# NAWCTSD Research Compendium

NAVAL AIR WARFARE CENTER TRAINING SYSTEMS DIVISION

**NEW FY20 Edition**

2020

## RESEARCH COMPENDIUM

Training • Human Performance • Modeling & Simulation

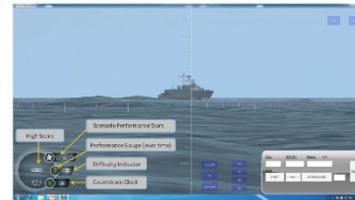


DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

### EXAMINING THE EFFECTS OF GAME FEATURES ON LEARNING IN SCENARIO-BASED TRAINING

#### OBJECTIVE

The objective of this research is to systematically test the impact of two game features on performance and motivation: score/performance gauges and competition. To date, there is no previous research that suggests adding game gauges increases motivation or enhances performance, and likewise, little research has examined the effect of competition on learner performance and motivation in game-based training.



The Periscope Operator Adaptive Trainer (POAT) user interface with game gauges included (bottom left).

**PROJECT DURATION**  
OCT 2015 - SEP 2018

**FUNDING SPONSOR**  
Naval Air Systems Command (NAVAIR) |  
Section 219

**POINTS OF CONTACT**  
Cheryl Johnson, Ph.D. (PI)  
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CDR Will Wells (PM)  
[wilfred.wells@navy.mil](mailto:wilfred.wells@navy.mil)

#### DESCRIPTION

Previous research has shown mixed results on the efficacy of game features to promote learning outcomes and motivation, and the majority of these studies have not systematically investigated game features to determine which ones are most effective. Based on Cognitive Load Theory, we hypothesized that adding both competition and game features would increase motivation and enhance performance in a simulation-based training task. In a set of experiments, we explored whether the presence of game features (performance gauges and score) and competition features (a leaderboard) affected motivation and learning outcomes within the Periscope Operator Adaptive Trainer (POAT).

#### NEED

In light of budget declines, there has been a strong push across the DoD for low-cost training techniques that are engaging, realistic, and can be delivered anytime, anywhere. Game-based training techniques hold promise to meet this demand as they are purported to enhance player motivation. However, existing research on the effectiveness of game-based training is mixed and often nonsystematic, resulting in a failure to identify specific game features that lead to better learning and performance outcomes.

#### BENEFITS

Game-based training may be well-suited to meet the Navy's education objectives, given the popularity of computer games with today's young adults. This research seeks to examine the effects of incorporating game features into simulation-based training, a topic that has not been systematically investigated in the training literature. Previous studies have assessed the value of game-based training over traditional methods of instruction, but few have investigated individual game features and their impact on performance and motivation. The findings of these experiments may have a broad impact on future training systems by offering empirically-based guidance for designing game features to enhance effectiveness.

#### STATUS

In FY18, the research team conducted two experiments. Experiment 1 was conducted with approximately 120 college students, and the results showed that incorporating game features into training did not improve trainee performance on the task or their motivation to play the game. Experiment 2 was conducted with approximately 70 submarine officer students at NAVSUBASE New London, utilizing a simpler experimental design. Experiment 2 replicated the results of Experiment 1.

#### MILESTONES

- Completed data collections for Experiment 1 with a college student population and Experiment 2 with Submarine Officer Basic Course (SOBC) students.
- Developed experimental testbed for systematically evaluating game features, such as scores, leaderboards, and performance gauges in the Periscope Operator Adaptive Trainer (POAT).
- Presentation: Mercado, A. D., Johnson, C. I., Landsberg, C. R., & Bailey, S. K. T. (2018, August). A systematic evaluation of game features in simulation-based training. Poster presented at the International Ergonomic Association conference.
  - Analyzed data and wrote report of results from SOBC experiment, concluding that game features do not increase motivation nor improve the accuracy of periscope calls. Adaptive training increased call accuracy regardless of inclusion of game features.

BASIC AND APPLIED RESEARCH • CORE CAPABILITY 2

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Research Compendium can be found at the bottom of the NAWCTSD Web site Home page:  
<https://www.navair.navy.mil/nawctsd/node/536>



# NAWCTSD Research & Technology Roadmap

- Current and planned projects aligned with *NAWCTSD's Core Capabilities and Future Directions Document*
- Inputs from:
  - NAVAIR R&D Portfolio
  - Cross SYSCOM working groups (i.e. NAVAIR, NAVSEA, SPAWAR, etc.)
  - Cross Services working groups

## Four Enabling Capabilities

1. Human Sys. Engineering, Integration and Acquisition
2. Optimized Human Performance & Decision Support
3. Adv. Training System Technology
4. Human System Design, Analysis and Evaluation

**Current version of the NAWCTSD Technology Roadmap:**  
<https://www.navair.navy.mil/nawctsd/EngineeringTechnology>



# Technology Transfer: Partnering with Industry, Academia, State/Local

## Collaborative Research and Development Agreement (CRADA)

- Allows R&D collaboration between NAWCTSD and non-federal partners.
- Provides the means to offer intellectual property (IP) rights to a non-federal partner.
- NAWCTSD can provide:
  - Personnel
  - Facilities/Equipment
  - Intellectual Property (IP)
  - **NO** funds
- Non-federal party can provide:
  - Personnel
  - Facilities/Equipment
  - Intellectual Property (IP)
  - **Funds**

## Commercial Service Agreements (CSA)

- Allows the sell of defense articles and/or services that are not available from any United States commercial source.
- Makes services of any government laboratory, center, range or other testing facility available for testing purposes on a reimbursable basis.
- Relies on existing capabilities and expertise
- Requires full reimbursement of Government costs
- Cannot compete with United States private industry



# Technology Transfer: Partnering with Industry, Academia, State/Local

## Software License Agreement (SLA)

- Agreement between NAWCTSD and an Industry partner which allows them to make, use and sell federally developed software with the assurance that we will not sue for infringement.
- NAWCTSD retains rights to use the software for government purposes.
- Industry partner pays royalties to NAWCTSD.

## Patent License Agreement (PLA)

- Agreement between NAWCTSD and an Industry partner which allows them to make, use and sell federally owned inventions with the assurance that we will not sue for infringement.
- NAWCTSD retains rights to use the technology for government purposes.
- Industry partner pays royalties to NAWCTSD.

**Search for us on <https://www.federallabs.org/flcbusiness> for more information on available technologies.**



# 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, Bob Seltzer

407-380-4115

[Robert.Seltzer@navy.mil](mailto:Robert.Seltzer@navy.mil)



# Ready Relevant Learning, Training Systems Program Manager (TSPM)

NAWCTSD



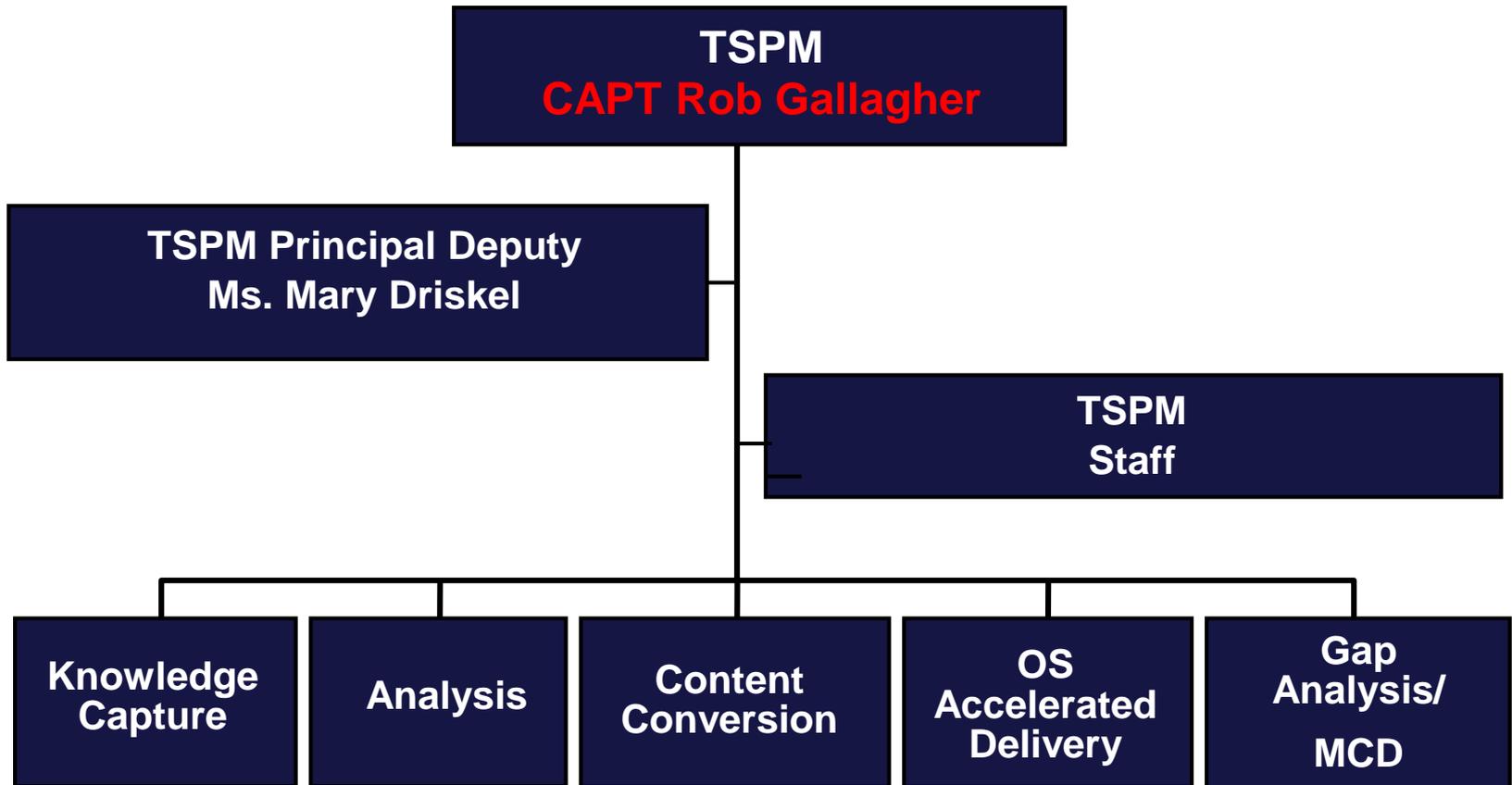
Eric Pfefferkorn

Ready Relevant Learning Integrated Product Team Lead





# Ready Relevant Learning TSPM





# Sailor 2025 RRL - FY20 Content Conversion

## Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Aviation Electrician’s Mate (AE), Basic Engineering Common Core (BECC), Boatswain’s Mate (BM), Electrician’s Mate (EM), Gas Turbine System Technician (Electrical) (GSE), Gas Turbine System Technician (Mechanical) (GSM), Quartermaster (QM), Machinist’s Mate (MM(SUR)), Machinery Repairmen (MR), Master at Arms (MA) and Religious Program Specialist (RP) ratings. May include options of additional ratings (Damage Controlman (DC), Engineman (EN), Hull Maintenance Technician (HT), Aviation Structural Mechanic – Safety Equipment (AME), Engineering Professional Apprenticeship Career Track (EPACT)), as well as, Train-The-Trainer (TTT) and Pilot training activities.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES
TDPC (F/A II, Lot I)  Competitive	2 Yrs	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Jun 19</p> <p><b>RFP Release</b></p> </div> <div style="text-align: center;"> <p>Mar 20</p> <p><b>Contract Award</b></p> </div> </div>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)
<p><b>Name:</b> CAPT Rob Gallagher</p> <p><b>Organization:</b> RRL TSPM</p> <p><b>Phone:</b> 407-380-8311</p> <p><b>Email:</b> robert.m.gallagher@navy.mil</p>	TBD	N/A



# Sailor 2025 RRL - FY21 Content Conversion

## Description/Summary of Program Requirements

This acquisition is for the conversion of the content and media for the current delivery state of the Fire Control Technician (FT), Electronics Technician - Submarines (ETV), Aviation Machinists Mate (AD), Aviation Structural Mechanic's Hydraulics (AM). The Government may exercise the option to include additional ratings (Cryptologic Technician – Maintenance (CTM), Mineman (MN), Information Systems Technician (IT)), as well as, Train-The-Trainer (TTT) and Pilot training activities.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Full and Open  Competitive	2 Yrs	Jun 20  <b>RFP Release</b>	2 <sup>nd</sup> Qtr FY 21  <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Rob Gallagher <b>Organization:</b> RRL TSPM <b>Phone:</b> 407-380-8311 <b>Email:</b> robert.m.gallagher@navy.mil	TBD	N/A	



# Sailor 2025 Gap Analysis/Functional Requirements

## Description/Summary of Program Requirements

Identify additional content requirements for the content gaps identified in the initial analysis and additional fidelity requirements for all training solutions identified as requiring a complex training solution (virtual simulation/Interactive Courseware level 4 (ICW4) with or without hardware). These deliverables will be provided to FY20 and beyond Content Conversion contracts as Government Furnished Information (GFI) for contract execution and for future hardware contracts.

AWARDED

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE	MILESTONES	
Sole Source 8(a) Tribally-Owned Corporation  Sole Source	5 Yrs	Jun 19    <b>RFP Release</b>	Aug 19    <b>Contract Award</b>
POINT OF CONTACT	FUNDING	CURRENT CONTRACT/ORIGINAL DEVELOPER/OEM (IF RECOMPETE)	
<b>Name:</b> CAPT Rob Gallagher  <b>Organization:</b> RRL TSPM  <b>Phone:</b> 407-380-8311  <b>Email:</b> robert.m.gallagher@navy.mil	\$22M	N/A	

## Lunch & Exhibits

Grand Ballroom C  
&

Grand Ballroom A-C Foyer

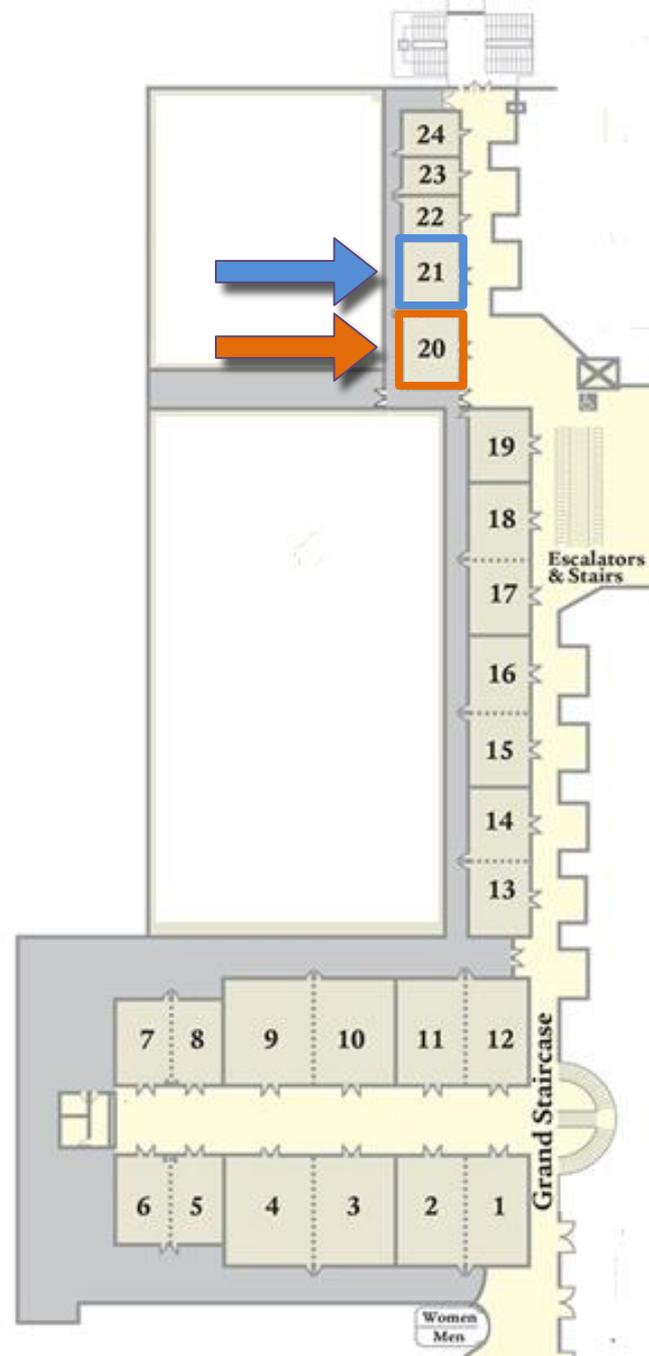
# Meet the Acquisition Leaders

❖ 1445 – 1510 | Salons 22, 23 & 24  
NAWC Acquisition Leadership



## Industry Panels

- ❖ **1300 - 1400 | Salon 20**  
**Small Business Roundtable**
- ❖ **1400 – 1500 | Salon 21**  
**Cyber Impacts**  
How the new cyber guidance impacts military training.





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# Question & Answer Session

**Mike Merritt**

Deputy Technical Director,  
NAWCTSD