MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

Interservice/Industry Training, Simulation and Education Conference

Range Training Systems

Col Marcus J. Reynolds

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

VISION & MISSION

COMMANDER'S VISION

Marines have the capabilities they need to fight and win against any adversary in any clime and place

COMMAND'S MISSION

Equip our Marines with the most capable ground and information technology weapon systems in order to maximize their expeditionary readiness and combat effectiveness in all domains.

PRIORITIES & FOCUS AREAS

People
Attract, develop, and retain the most talented and best performing acquisition professionals

Partnerships
Build and maintain collaborative relationships with the FMF and key stakeholders through trust, transparency, and regular communication

Programs
Empower program managers to accelerate delivery of capabilities through disciplined, agile execution and balanced risk management

GEOGRAPHY MATTERS

▶ **DE FLOREZ BUILDING**
NAWCTSD
PEO STRI
NSA ORLANDO
DHS S&T

▶ **ANNEX**
PEO STRI

▶ **TECH POINT I, II**
AFAMS
PEO STRI
ADL INITIATIVE

▶ **RESEARCH COMMONS**
PEO STRI

▶ **SFC SMITH CENTER**
STTC

▶ **PARTNERSHIP I, II, III**
NAWCTSD   PEO STRI
ACC-ORL   PM TRASYS
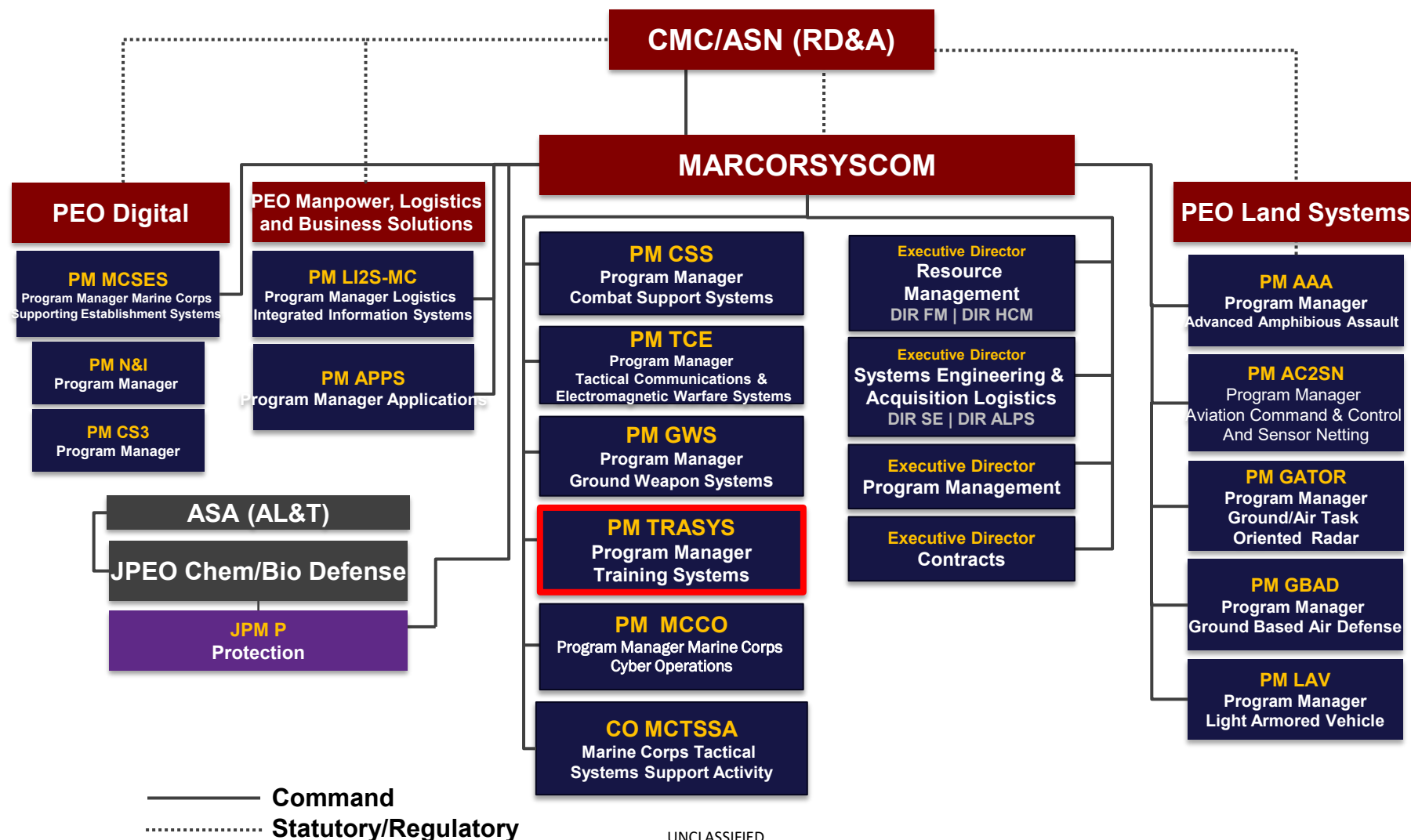NCS   UCF
DHA MST PMO
CFL STARBASE

▶ **PARTNERSHIP IV**
NAWCTSD Meeting Spaces
PEO STRI
STE CFT
STTC
UCF
CENTRAL FL TECH BRIDGE
AND THE TECH GROVE

▶ **PARTNERSHIP V**
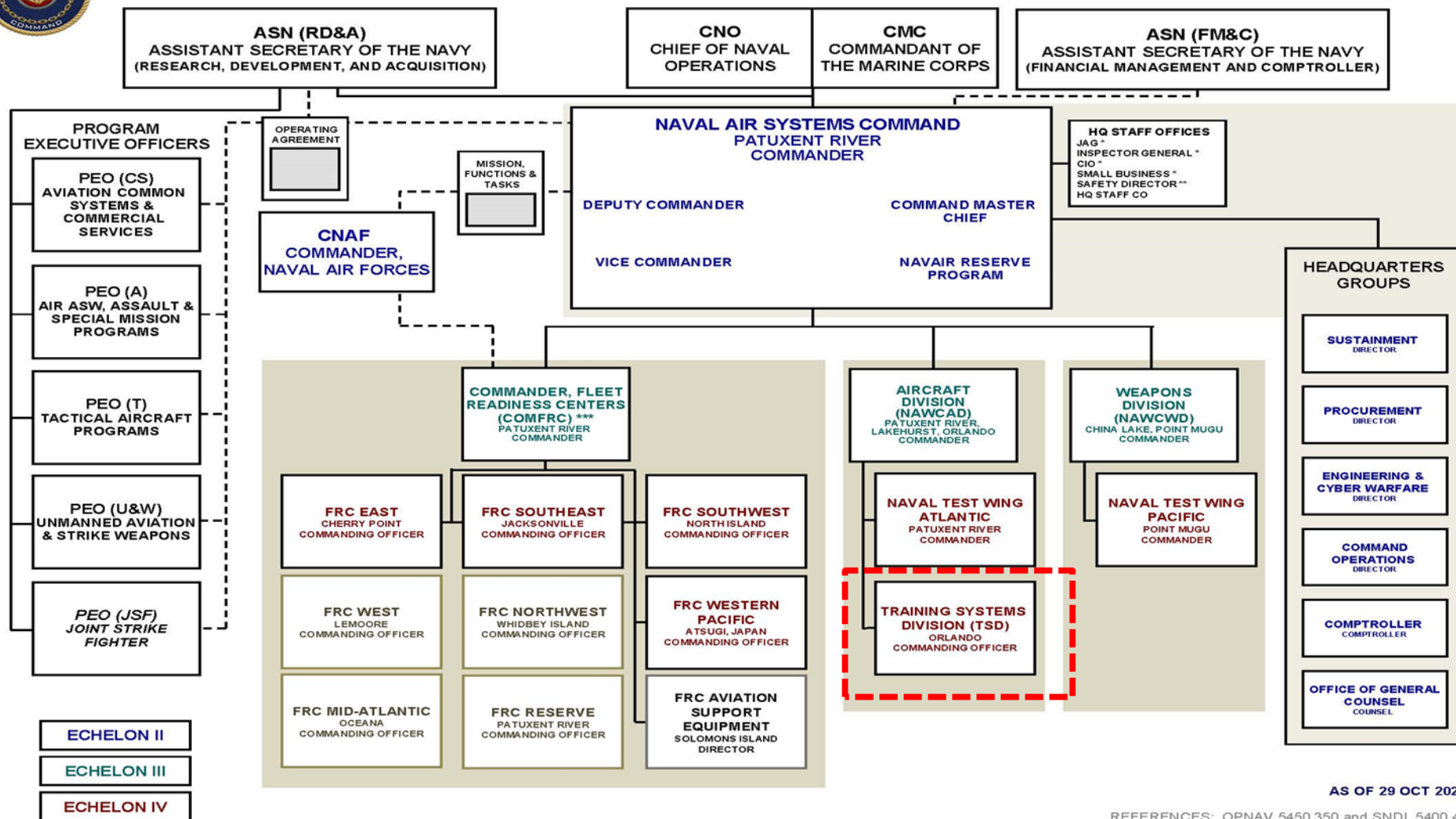PEO STRI   PM TRASYS

Map labels:
PARTNERSHIP V
University of Central Florida
SFC SMITH CENTER
PARTNERSHIP I
PARTNERSHIP II
PARTNERSHIP III
ANNEX
DE FLOREZ BUILDING
TECH POINT I
TECH POINT II
SCIENCE GATE (ACP)
RESEARCH COMMONS
PARTNERSHIP IV

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

AUTHORITIES

USMC Ground/IT Acquisition Command and Control

CMC/ASN (RD&A)

MARCORSYSCOM

PEO Digital

PM MCSES
Program Manager Marine Corps Supporting Establishment Systems

PM N&I
Program Manager

PM CS3
Program Manager

PEO Manpower, Logistics and Business Solutions

PM LI2S-MC
Program Manager Logistics Integrated Information Systems

PM APPS
Program Manager Applications

ASA (AL&T)

JPEO Chem/Bio Defense

JPM P
Protection

PM CSS
Program Manager Combat Support Systems

PM TCE
Program Manager Tactical Communications & Electromagnetic Warfare Systems

PM GWS
Program Manager Ground Weapon Systems

PM TRASYS
Program Manager Training Systems

PM MCCO
Program Manager Marine Corps Cyber Operations

CO MCTSSA
Marine Corps Tactical Systems Support Activity

Executive Director
Resource Management
DIR FM | DIR HCM

Executive Director
Systems Engineering & Acquisition Logistics
DIR SE | DIR ALPS

Executive Director
Program Management

Executive Director
Contracts

PEO Land Systems

PM AAA
Program Manager Advanced Amphibious Assault

PM AC2SN
Program Manager Aviation Command & Control And Sensor Netting

PM GATOR
Program Manager Ground/Air Task Oriented Radar

PM GBAD
Program Manager Ground Based Air Defense

PM LAV
Program Manager Light Armored Vehicle

―――― **Command**
··········· **Statutory/Regulatory**

NAVAIR Mission Aligned Organization Enterprise Relationships

ASN (RD&A)
ASSISTANT SECRETARY OF THE NAVY
(RESEARCH, DEVELOPMENT, AND ACQUISITION)

CNO
CHIEF OF NAVAL OPERATIONS

CMC
COMMANDANT OF THE MARINE CORPS

ASN (FM&C)
ASSISTANT SECRETARY OF THE NAVY
(FINANCIAL MANAGEMENT AND COMPTROLLER)

PROGRAM EXECUTIVE OFFICERS

OPERATING AGREEMENT

MISSION, FUNCTIONS & TASKS

NAVAL AIR SYSTEMS COMMAND
PATUXENT RIVER
COMMANDER

HQ STAFF OFFICES
JAG *
INSPECTOR GENERAL *
CIO *
SMALL BUSINESS *
SAFETY DIRECTOR **
HQ STAFF CO

PEO (CS)
AVIATION COMMON SYSTEMS & COMMERCIAL SERVICES

CNAF
COMMANDER, NAVAL AIR FORCES

DEPUTY COMMANDER

COMMAND MASTER CHIEF

PEO (A)
AIR ASW, ASSAULT & SPECIAL MISSION PROGRAMS

VICE COMMANDER

NAVAIR RESERVE PROGRAM

HEADQUARTERS GROUPS

SUSTAINMENT
DIRECTOR

PEO (T)
TACTICAL AIRCRAFT PROGRAMS

COMMANDER, FLEET READINESS CENTERS (COMFRC) *
PATUXENT RIVER COMMANDER

AIRCRAFT DIVISION (NAWCAD)
PATUXENT RIVER, LAKEHURST, ORLANDO COMMANDER

WEAPONS DIVISION (NAWCWD)
CHINA LAKE, POINT MUGU COMMANDER

PROCUREMENT
DIRECTOR

PEO (U&W)
UNMANNED AVIATION & STRIKE WEAPONS

FRC EAST
CHERRY POINT COMMANDING OFFICER

FRC SOUTHEAST
JACKSONVILLE COMMANDING OFFICER

FRC SOUTHWEST
NORTH ISLAND COMMANDING OFFICER

NAVAL TEST WING ATLANTIC
PATUXENT RIVER COMMANDER

NAVAL TEST WING PACIFIC
POINT MUGU COMMANDER

ENGINEERING & CYBER WARFARE
DIRECTOR

PEO (JSF)
JOINT STRIKE FIGHTER

FRC WEST
LEMOORE COMMANDING OFFICER

FRC NORTHWEST
WHIDBEY ISLAND COMMANDING OFFICER

FRC WESTERN PACIFIC
ATSUGI, JAPAN COMMANDING OFFICER

TRAINING SYSTEMS DIVISION (TSD)
ORLANDO COMMANDING OFFICER

COMMAND OPERATIONS
DIRECTOR

COMPTROLLER
COMPTROLLER

FRC MID-ATLANTIC
OCEANA COMMANDING OFFICER

FRC RESERVE
PATUXENT RIVER COMMANDING OFFICER

FRC AVIATION SUPPORT EQUIPMENT
SOLOMONS ISLAND DIRECTOR

OFFICE OF GENERAL COUNSEL
COUNSEL

ECHELON II

ECHELON III

ECHELON IV

AS OF 29 OCT 2020

REFERENCES: OPNAV 5450.350 and SNDL 5400.45

NAVAIR

* REPORTS DIRECTLY TO *NAVAIR CMDR* FOR RESPECTIVE AREA OF RESPONSIBILITY

** REPORTS DIRECTLY TO NAVAIR VICE CMDR FOR RESPECTIVE AREA OF RESPONSIBILITY

*** 5 INDUSTRIAL SITES FROM TOTAL OF 9 FRCs REPORT UP THROUGH COMFRC TO NAVAIR CMDR

CLEARED FOR PUBLIC RELEASE 3

COL MARCUS REYNOLDS
PROGRAM MANAGER
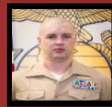
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DEPUTY PROGRAM MANAGER

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EXECUTIVE OFFICER	APM OPS & PROG	APM - CONTRACTS

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SENIOR ENLISTED	APM - ENGINEERING	APM - FINANCE

MAJ CHRISTOPHER WILLIS	GLORIA TUCK	
MC ATS PM	APM - LOGISTICS	

PRODUCT MANAGERS

LTCOL RORY HERMANN	ELIZABETH TYGART	LTCOL MARCIAL GARCIA
PDM RTS	PDM STS	PDM TS4

TECHNICAL STAFF

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FUTURE TECHNOLOGIES	ENVIRONMENTAL, SAFETY & OCC HEALTH	PROCUREMENT BRANCH LEAD

JAMES AURILIO	LARRY BULLOCK	Allison Armstrong
LEAD INSTRUCTIONAL SYSTEM	INFORMATION SYSTEMS	SECURITY MANAGER
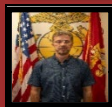
MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

PORTFOLIO

Range Training Systems LtCol Rory Hermann rory.hermann@usmc.mil	Synthetic Training Systems Ms. Elizabeth Tygart elizabeth.tygart.civ@usmc.mil	Training Systems Sustainment & Support Services LtCol Marcial Garcia marcial.garcia@usmc.mil

Range Training Systems

- Force on Force (FoF)
- Infantry Immersion Trainer (IIT)
- Family of Egress Trainers (FET)
- Live Fire Training Systems (LFTS)
- Range Training Aids Portfolio (RTAP)
  - Targets, KDAS, Atmospherics, BES, TMIT
- Ground Range Sustainment Program (GRSP)

- Emerging Requirements
  - Electronic Warfare Ground Instrumentation (EWGIR)
  - Known Distance Automated Scoring (KDAS)
  - Live Fire Evaluation Tool (LFET)

(Portfolio of 12 Total Program)

Synthetic Training Systems

- Live Virtual Constructive – Training Environment (LVC-TE)
- Family of Combat Vehicle Training Systems (CVTS)
- Marksmanship Training Systems
- Marine Common Driver Trainer / ODS

- Emerging Requirements
  - Enterprise Ground Maintenance Training Systems (EGMTS)
  - Ground Vehicle Training Systems (GVTS)
  - Small Unit Tactical Training Systems (SUTTS)
  - Joint Virtual Fires Trainer (JVFT)
  - Marine Air Command and Control System (MACCS) Simulation
  - Marine Common Virtual Platform (MCVP)

(Portfolio of 12 Total Programs)

Training Systems Sustainment & Support Services

- MAGTF Training System Support (MTSS)
- Ground Training System Support (GTSS)
- Role Players Services
- Underwater Egress Trainer (UET)
- Equipment Related Services – Systems (ERS-S)
- Electronics Communication Services (ECS)

- FMF-focused Teams
  - I MEF
    - Tim Bergland
    - timothy.bergland@usmc.mil
  - II MEF
    - 1stLt Nicolini
    - jonathan.t.nicolini@usmc.mil
  - III MEF
    - Adam Emanuel
    - adam.emanuel@usmc.mil

- Training Liaison Officers
  - Camp Lejeune
  - Camp Pendleton
  - Twentynine Palms
  - Okinawa
  - Hawaii
  - Guam (Future)

(Portfolio of 15 CLS Efforts)

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

OVERVIEW

176 Marines, Civilians & Contractors

Located in 5 States; Japan & Guam

~ $379M Annually ($1.9B FYDP FY24-28)
RDT&E $31.3M; PMC $81.6M;
OMMC $243M; OCF $22.8M

Mission
Equip our Marines with the most capable ground and information technology weapon training systems in order to maximize their expeditionary readiness and combat effectiveness in all domains

ACAT	Pre-MDD	Post-MDD	EMD	P&D	O&S	TOTAL
I	0	0	0	0	0	0
II	0	0	0	0	0	0
III	0	0	0	0	0	0
IV	0	0	1	5*	0	6
AAP +Other Pre JCIDS	0	2	1	3	12	19
TOTAL	0	2	2	8	12	24

- ACAT IV EMD Phase is MTWS MRKI.

- ACAT IV P&D phase is CACCTUS, ISMT, FOF-NEXT, and MCDT.

- LVC-TE is a Software Acquisition Pathway (SWP) and currently in Execution Phase

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Portfolio CLS Efforts* – GTSS East (~$40M), GTSS West (~$22M), GTSS CONUS, GTSS OCONUS (~$15M), RP/IIT SME Consolidation (~$14M), MTSS (~$245M), PDSC (~$44M), ECS (~$238M), ERS-S (~$249M)
* Amounts represented are total contract value

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

PRIORITIES

Program Manager's Top 5 Priorities

- **Warfighter Focused**
- Continuously Improved Our Culture Daily
- Speed of Relevance
- Innovative Organization
- Improve Communication and Collaboration

Vision

Marines have the training systems they need to prepare to fight and win against any adversary in any clime and place

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

FOCUS AREAS

Training and Education 2030

- **Training and Education 2030 – Key Conclusions (PM TRASYS focused)**
  o The Marine Corps should further emphasize T&E in order to drive individual, unit, and collective readiness.
  o There is insufficient FoF training in the Marine Corps.
  o Synthetic training capabilities are major combat multipliers that are severely underdeveloped and under-resourced.
  o The current T&E system is not preparing the Marine Corps for the future operating environment.

- **Live, Virtual, and Constructive Training Environment (LVC-TE)**
  o LVC-TE will serve as the cornerstone of how the Marine Corps builds combat readiness during this critical time of transformation. The proliferation of expeditionary long-range precision fires, loitering munitions, infantry battalion organic precision fires, unmanned systems, and electronic warfare capabilities, among others, will significantly challenge our ability to train collectively and build combat readiness.
  o Project Tripoli and the LVC-TE it creates will provide the means to conduct fully integrated training at all echelons, in all-domains, connected across disparate locations. In its fully mature state, the LVC-TE will create the system interoperability we need to fully integrate with joint and international LVC capabilities.

Marines must have the knowledge and range of skills required to thrive in a complex multidomain battlespace. …Success will depend upon our ability to better leverage technology, become more data-driven, and improve how we utilize available resources.

MARINE CORPS SYSTEMS COMMAND
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Range Training Systems

LtCol Rory Hermann

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

Force on Force Training System (FOFTS) Next

The Marine Corps Tactical Instrumentation System- Weapon Surrogates (MCTIS-WS) is a new capability for the Marine Corps. MCTIS-WS will replicate form, fit and function for infantry weapons where mounting a SAT is not feasible. The surrogate weapons developed will be a complete simulated weapon that allows training for Marines where it is not feasible to utilize the actual weapons system. WS includes grenades, mines, direct and indirect fire weapons.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Weapons Surrogates - TReX	• Projected 9-month Agreement • Projected 24-month Agreement

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email: pmtrasys@usmc.mil	• Estimated Value : $6-8M

Live Fire Evaluation Tool (LFET)

LFET is currently in the requirements development process. LFET is a live-fire scoring system that uses acoustic / impact technology and individual shot timestamps / Global Positioning System (GPS) breadcrumbs to produce high fidelity After Action Reports (AAR) directly after shooting. LFET systems will provide the capability at designated live-fire maneuver ranges. This capability will support up to a squad size unit evaluation at any one time. The system will also work with existing or upgraded target control software and hardware.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• TBD	• TBD

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email: pmtrasys@usmc.mil	• Estimated Value: $4M RDTE

MARINE CORPS SYSTEMS COMMAND
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RTS

Electromagnetic Warfare Ground Instrumented Range (EWGIR)

EWGIR is intended to be integrated into existing Ground and Military Operations on Urban Terrain (MOUT) Ranges to provide a realistic RF/GPS jammed or spoofed (spectrum denied/degraded) training environment which will enhance small unit tactics and ability to engage peer adversaries. Currently undergoing market research in conjunction with agency partners (e.g., ONR, PEO STRI, etc.) in which viable systems will be evaluated based on technical maturity, ease of use and technical performance.

ACQUISITION STRATEGY
- TBD (SBIR, OTA, and/or Other)

PERIOD OF PERFORMANCE
- TBD

POINT OF CONTACT
PM TRASYS

Phone: 407-381-8762

Email: pmtrasys@usmc.mil

FUNDING
- Estimated Value: TBD

Known Distance Automated Scoring (KDAS)

KDAS systems on designated known distance rifle ranges will allow Marines to accomplish their annual rifle marksmanship qualification (ARQ) in a more efficient manner by reducing the need for Marines to manually operate, score, and repair targets for stationary stages of fire. These capabilities modernize known distance (KD) rifle ranges by expediting ARQ through reduced time spent in the pits, more rapid and accurate feedback to the shooters on the firing line, and reduced need for alibis and additional shooting due to human error.

ACQUISITION STRATEGY
- OTA (ACC Orlando - TReX II): Development, Test, Evaluation & Production

PERIOD OF PERFORMANCE
- Estimated:
  - Phase 0-3: 12 months
  - Phase 4: 24 months

POINT OF CONTACT
PM TRASYS

Phone: 407-381-8762

Email: pmtrasys@usmc.mil

FUNDING
- Estimated Value: $2M RDTE / $30-$50M PMC

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

Trackless Mobile Infantry Targets (TMIT)

TMITs Knowledge Based Training Services (KBTS) effort provides SMEs, targets, scenario planning and design, training concepts, operations and support, and AAR capabilities. TMITs are 3D free roaming, variable speed / variable acceleration moving targets that possess 360 degree untethered mobility utilizing both tele-operation and semi-autonomous control. TMITs provide dynamic and realistic representation of human targets for use in live-fire / non-live fire training to increase lethality with small arms.

Underwater Egress Trainer (UET)

The support and sustainment of the UET must include the technical refresh of the existing Submerged Vehicle Egress Trainer (SVET) (a subsystem to the UET/Family of Egress Trainers (FET). It will be refreshed/upgraded to support new amphibious and ground vehicle platforms that are not currently represented by the UET/FET. The new UET capability will represent the Amphibious Combat Vehicle (ACV), Joint Light Tactical Vehicle (JLTV), and Light Armored Vehicle (LAV).

ACQUISITION STRATEGY
- Knowledge Based Training Services
- MCSC: Single Award IDIQ

PERIOD OF PERFORMANCE
- Begins: 2QTR25 - 5 years

POINT OF CONTACT
PM TRASYS

Phone: 407-381-8762

Email: pmtrasys@usmc.mil

FUNDING
- Estimated Value: $150M-$249M

ACQUISITION STRATEGY
- Full and Open
- 3-5 Year Contract

PERIOD OF PERFORMANCE
- Begins Q1 FY24

POINT OF CONTACT
PM TRASYS

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FUNDING
- Estimated Value: $15M-$20M

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

RTS

PM TRASYS – Range Training Systems

	Acquisition Approach	FY23	FY24	FY25	FY26	FY27	FY28	FY29
Strategic Planning		• Focus priorities include modernization efforts of Range Training Systems that incorporate improved instrumentation (enhanced feedback / scoring), after action review and evaluation technologies, new generation target systems / threat representations, knowledge based training services (KBTS), and denied / degraded spectrum training environments.						
FOFTS-Next	Major Capabilities Pathway		MCTIS –WS OTAs		MCTIS –WS Production Contracts			
TMIT	Major Capabilities Pathway	Knowledge Based Services Contract		Trackless Mobile Infantry Target (SAIDIQ)				
EWGIR	TBD	Market Research	Front End Analysis					
LFET	TBD	Requirements Development / Market Research						
KDAS	Major Capabilities Pathway	Market Research	OTA Development and Production					

■ Pending Requirement   ■ Existing Contract   ■ Future Effort/Contract

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

Training Systems Sustainment & Support Services

LtCol Marcial Garcia

MARINE CORPS SYSTEMS COMMAND
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Equipment Related Services – Systems (ERS-S)

Description/Summary of Program Requirements

- PM TRASYS awarded a Multiple Award Task Order Contract (MATOC) in March of 2021 that is primarily aligned with the ERS Service Portfolio Group within DoD's Taxonomy of Services. The ERS-S MATOC scope is intended to be broad in nature and entails sustainment support for existing and future USMC training systems. Scope includes maintenance, logistics and training requirements. Systems supported under this contract are relatively complex items of training equipment, using electronic/mechanical means to reproduce conditions necessary for an individual or a crew to rehearse operational tasks.

ACQUISITION STRATEGY

- Small Business Competition
- Multiple Award Contracts for the same or similar services

PERIOD OF PERFORMANCE

- 29 March 2021 – 28 March 2031
- Five-year base
- Five one-year options
  - (1st option Mar 2024)

POINT OF CONTACT

PM TRASYS

Phone: 407-381-8762

Email:pmtrasys@usmc.mil

FUNDING

- Shared ceiling $249M

Future Task Orders include Navy CCS 4QTR FY23 USMC CCS 1QTR 24

Current Vendors
Ahtna
Guard Unit
Hatalom
Shock Streak

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

Electronics and Communication Services (ECS)

Description/Summary of Program Requirements

- PM TRASYS awarded a Multiple Award Task Order Contract (MATOC) in August of 2021 that is primarily aligned with the ECS Service Portfolio Group within DoD's Taxonomy of Services. The ECS MATOC will include sustainment support for Post Deployment Software Support, On-going Software Development and Cybersecurity. Systems supported under this contract are relatively complex items of training equipment, using software applications to represent conditions of combat operations necessary for multiple echelons of training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Small Business Competition • Multiple Award Contracts for the same or similar services	• 27 August 2021 – 26 August 2031 • Five-year base • Five-one year options • (1st option Feb 2026)

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email: pmtrasys@usmc.mil	• Shared ceiling $238M

Current Vendors
AVT Simulations
Choisys Technology
Corps Simulation & Cyber Solutions
Dignitas Technologies
Engineering & Computer Simulations
Envision Innovative Solutions
Tactical Edge

MARINE CORPS SYSTEMS COMMAND
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MAGTF Training Systems Support (MTSS)

Description/Summary of Program Requirements

- PM TRASYS awarded a Multiple Award Task Order Contract (MATOC) in March of 2019 that is primarily aligned with the Knowledge Based Services Portfolio Group within DoD's Taxonomy of Services. The MTSS MATOC is structured for maximum flexibility, providing an expedited ordering process to procure knowledge-based services to satisfy training and education requirements for TECOM organizations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Multiple Award Contracts for the same or similar services	• 20 March 2019 – 19 March 2029

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email: pmtrasys@usmc.mil	• Shared ceiling $245M • Ceiling Reached

Current Vendors
American Systems Corp
Calibre Systems
Valiant Global
Solutions Through Innovative Technologies
Science Applications
Corps Solutions
Obsidian Solutions

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TS4

Indoor Simulated Marksmanship Trainer (ISMT)

ISMT is an existing capability that uses simulation to instill and sustain Marines and Sailors in marksmanship fundamentals, crew served weapons employment, call for fire and tactical decision making. ASALT is a new capability intended to provide an enhanced capability that directly supports weapons proficiency training to include updated scoring, team/squad drills, and advanced techniques within a simulated environment. The software support is anticipated to support both.

Underwater Egress Trainer (UET)

UET Contract Logistic Support (CLS) to train Marines and other authorized personnel how to egress from sinking or submerged platforms (i.e., aircraft, amphibious, and ground vehicles), including the use of life support equipment, e.g., Supplemental Emergency Breathing Devices (SEBDs) and Life Preserver Units (LPUs) to increase survival rates.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• ECS MATOC • 5-year contract	• FY25 – FY29

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : TBD

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• SAIDIQ • 5-year contract	• FY24Q2 – FY29Q2

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : $47.4M

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

TS4 Future Contracting Actions

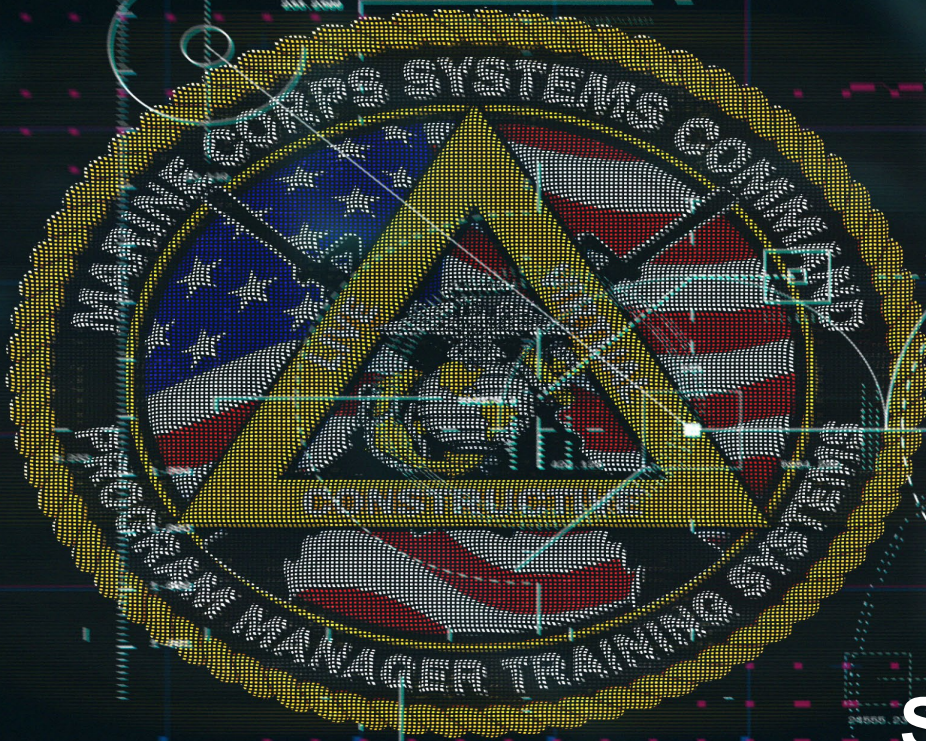|	Acquisition Approach	FY23	FY24	FY25	FY26	FY27	FY28
Strategic Planning	• **S**tructured: PdM Training Systems Sustainment and Support Services created to oversee enterprise sustainment and services contracts • **A**gile: MATOCs and SAIDIQs for service requirements or modernization of existing systems • **F**lexible: Task orders allow for adding, curtailing, or eliminating organizations, locations, or services to meet evolving Marine Corps training and education requirements • **E**ffective: Implements Better Buying Power initiatives, promoting competition throughout the acquisition lifecycle to best manage cost, schedule and performance risks						
ISMT	ECS MATOC		Service Contract →		Service Contract →		
UET	Open	Service Contract →	Service Contract →				

■ Existing Contract   ■ Future Effort/Contract

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

Synthetic Training Systems

Ms. Elizabeth Tygart

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

STS

Marine Common Driver Trainer (MCDT)

MCDT with the legacy Operator Driver Simulator (ODS). MCDT will provide a more realistic driver training experience. MCDT provides high fidelity training for motor transport operators and incidental drivers from basic through advanced tactical driver training by simulating the visual, aural/audio and haptic, and dynamic motion cues for the driver of a tactical vehicle.

Combat Vehicle Training Systems (CVTS)

CVTS is a high-fidelity computer-based, interactive simulator that provides individual, crew, section and platoon training in precision gunnery and mission tactical skills to the Light Armored Reconnaissance (LAR), and the Assault Amphibian communities. The LAV-25 Relocatable AGTS (RAGTS), Mobile AGTS (MAGTS), Deployable AGTS (DAGTS) and Tabletop AGTS (TAGTS) are currently in tech refresh.

ACQUISITION STRATEGY
- Common Driver Capability Tech Refresh

PERIOD OF PERFORMANCE
- TBD: FY26

POINT OF CONTACT
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Phone: 407-381-8762

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FUNDING
- Estimated Value : TBD

ACQUISITION STRATEGY
- CVTS Tech Refresh

PERIOD OF PERFORMANCE
- FY27Q4

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FUNDING
- Estimated Value : TBD

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

STS

Indoor Simulated Marksmanship Trainer (ISMT)

ISMT is an existing capability that uses simulation to instill and sustain Marines and Sailors in marksmanship fundamentals, crew served weapons employment, call for fire and tactical decision making. Advanced Small Arms Lethality Trainer (ASALT) is an existing capability which requires Marines to move while engaging multiple targets, limited exposure targets, and moving targets. ASALT enhances Marines proficiency, confidence, and lethality.

ACQUISITION STRATEGY
- ISMT Tech Refresh
- ASALT Re-compete

PERIOD OF PERFORMANCE
- FY24/Q4 - FY25/Q4
- FY26

POINT OF CONTACT
PM TRASYS

Phone: 407-381-8762

Email:pmtrasys@usmc.mil

FUNDING
- Estimated Value : TBD

Combat Convoy Simulator (CCS)

CCS is an existing capability that uses simulation to provide an immersive environment for convoy operations training for command-and-control procedures for vehicle and convoy commanders in tactical scenarios related to Combat Convoy Ops. CCS provides the environment for IED countermeasures, EOD support, call for fire, close air support and medevac training. Future software support may require connection to LVC-TE. Future requirements support CCS fielding in Quantico and Guam.

ACQUISITION STRATEGY
- Middle Tier Acquisition: OTA (Production of Two Sites Likely)

PERIOD OF PERFORMANCE
- FY27

POINT OF CONTACT
PM TRASYS

Phone: 407-381-8762

Email:pmtrasys@usmc.mil

FUNDING
- Estimated Value : TBD

MARINE CORPS SYSTEMS COMMAND
Equipping our MARINES

STS

Live Virtual Constructive - Training Environment (LVC-TE)

LVC-TE is currently in development as a Software Acquisition Pathway to provide enterprise services to execute persistent, consistent, collective training capability by connecting legacy Marine Corps training systems to support training exercises. Requirements changes are transitioning to Joint Training products and NCTE Network.

Live Virtual Constructive Enterprise (LVC-E) Contract

LVC- E Contract is currently in the market research and acquisition strategy development phase. This contract will allow the LVC-TE portfolio to establish common product lines for the areas that reach across multiple systems and establish and implement standards and policies for a software factory.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Software Follow on Contract	• FY21/Q2 – FY26/Q2

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : TBD

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Service Contract	• FY24/Q3 - TBD

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : TBD

MARINE CORPS SYSTEMS COMMAND
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Enterprise Ground Maintenance Training Simulator (EGMTS)

EGMTS is currently in the requirements development process and is intended to modernize the state of ground maintenance training devices. The program will accomplish the objective by providing a suite of common hardware and software platforms which will serve as a vehicle for developing course syllabi and related materials for schoolhouses and ground maintenance trainers.

ACQUISITION STRATEGY
- Software Acquisition

PERIOD OF PERFORMANCE
- FY25/Q2

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FUNDING
- Estimated Value : TBD

Ground Vehicle Training Systems (GVTS)

GVTS is currently in the requirements development process and intended to provide the Marine Corps with the capability to train the operators, drivers and vehicle crews, throughout all elements of the Marine Air-Ground Task Force. GVTS will facilitate the training from the individual/crew/section level up to the platoon level based on Training and Readiness events. This capability derives requirements from the CCS, MCDT and CVTS Programs.

ACQUISITION STRATEGY
- Middle Tier Acquisition (Prototyping & Production Likely)

PERIOD OF PERFORMANCE
- FY26/Q2 – FY29

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FUNDING
- Estimated Value : TBD

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Small Unit Tactical Training Systems (SUTTS)

SUTTS is currently in the requirements development process and intended to provide the Marine Corps with a consolidated and network-enabled simulated training environment for training Marines in fundamental and advanced marksmanship skills, and combat training with organic infantry weapon systems inclusive of individual and crew-served weapons. This capability derives requirements from the ISMT program to include ASALT.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Middle Tier Acquisition (Prototyping & Production Likely)	• FY26/Q4 – FY29/Q1

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : TBD

Joint Virtual Fires Trainer (JVFT)

JVFT is currently a multi-vendor AAP that is undergoing a 12-month Extended User Evaluation (EUE). The JVFT program provides the USMC the ability to train and rehearse Joint Fire, Close Air Support (CAS), Call For Fire (CFF) and Naval Surface Fire Support (NSFS) coordination in a 3D (VR/XR) environment while aboard ship, forward deployed, in garrison, or schoolhouse. Program goals include individual and collective training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• AAP (within DVTE) • Procure Interim Capability via DLA FY23-FY25 • EUE: FY24/ Q1-Q4 • Requirements Refinement • FRP: Make/Buy Decision	• Awarded: Two Vendors: DLA with warranty through FY25/Q2

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : TBD

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Marine Common Virtual Platform (MCVP)

MCVP is a new requirement with a validated capability requirement change under the Deployable Virtual Training Environment (DVTE) that will become a new program in FY24. MCVP is intended to provide a common hardware platform and operate over a variety of networks and classification levels to support how the user community will meet the future training needs in the Live, Virtual, and Constructive Training Environment.

ACQUISITION STRATEGY

- AAP

PERIOD OF PERFORMANCE

- FY24/Q1 – FY25Q2

POINT OF CONTACT

PM TRASYS

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FUNDING

- Estimated Value : TBD

Marine Air Command and Control System (MACCS)

MACCS Simulation is a new requirement with a validated Capability Needs Statement. MACCS is intended to be a stand alone training capability to modernize the MACCS training enterprise for the schoolhouse and each MACCS agency powered by a network simulation engine capable of realistically replicating all C2 data the MACCS would receive during tactical operations. Also intended to employ a centralized cadre of simulation professionals who are tactical subject matter experts and well-versed in simulation operations.

ACQUISITION STRATEGY

- Analysis
- Software Acquisition Pathway
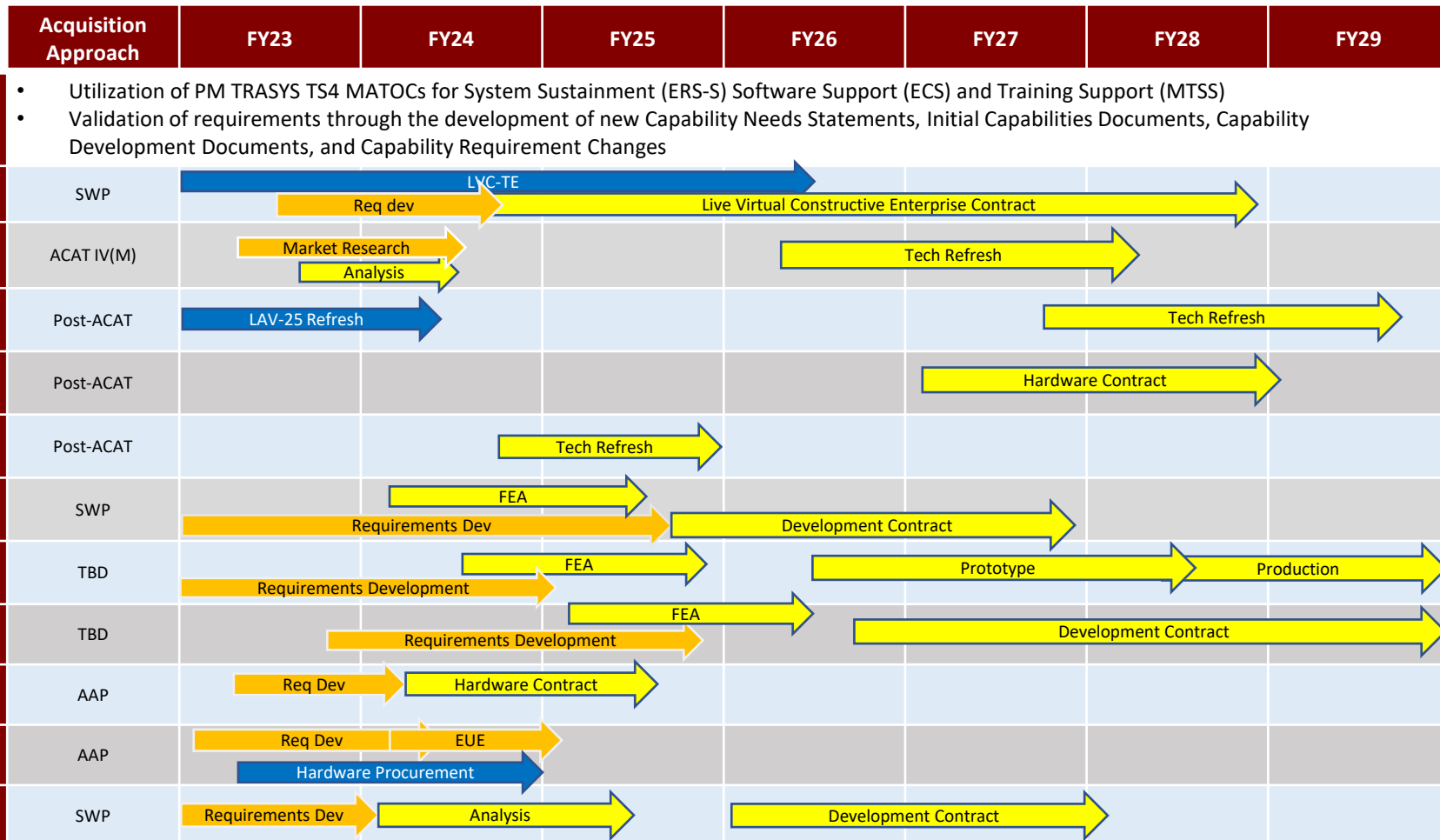
PERIOD OF PERFORMANCE

- TBD FY26

POINT OF CONTACT

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FUNDING

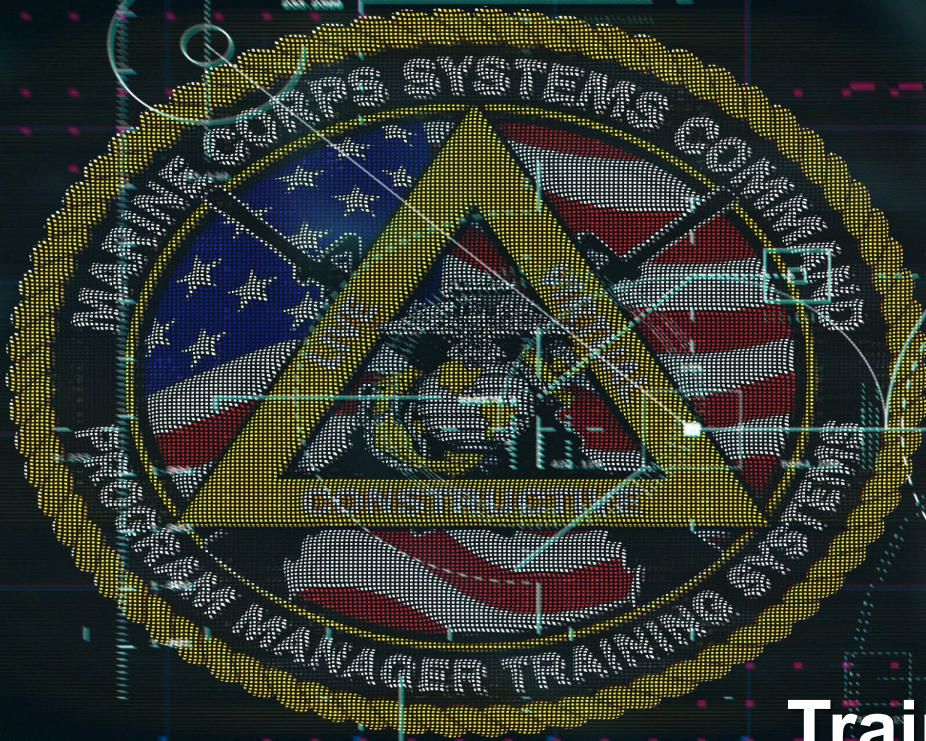- Estimated Value : TBD

PM TRASYS – Synthetic Training Systems

	Acquisition Approach	FY23	FY24	FY25	FY26	FY27	FY28	FY29
Strategic Planning	• Utilization of PM TRASYS TS4 MATOCs for System Sustainment (ERS-S) Software Support (ECS) and Training Support (MTSS) • Validation of requirements through the development of new Capability Needs Statements, Initial Capabilities Documents, Capability Development Documents, and Capability Requirement Changes							
LVC-TE	SWP	LVC-TE / Req dev		Live Virtual Constructive Enterprise Contract				
MCDT	ACAT IV(M)	Market Research / Analysis			Tech Refresh			
CVTS	Post-ACAT	LAV-25 Refresh					Tech Refresh	
CCS	Post-ACAT				Hardware Contract			
ISMT	Post-ACAT		Tech Refresh					
EGMTS	SWP	Requirements Dev / FEA		Development Contract				
GVTS	TBD	Requirements Development / FEA		Prototype		Production		
SUTTS	TBD	Requirements Development	FEA	Development Contract				
MCVP	AAP	Req Dev / Hardware Contract						
JVFT	AAP	Req Dev / EUE / Hardware Procurement						
MACCS	SWP	Requirements Dev / Analysis		Development Contract				

MARINE CORPS SYSTEMS COMMAND
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Training Systems Sustainment & Support Services

LtCol Marcial Garcia

MARINE CORPS SYSTEMS COMMAND
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Equipment Related Services – Systems (ERS-S)

Description/Summary of Program Requirements

- PM TRASYS awarded a Multiple Award Task Order Contract (MATOC) in March of 2021 that is primarily aligned with the ERS Service Portfolio Group within DoD's Taxonomy of Services. The ERS-S MATOC scope is intended to be broad in nature and entails sustainment support for existing and future USMC training systems. Scope includes maintenance, logistics and training requirements. Systems supported under this contract are relatively complex items of training equipment, using electronic/mechanical means to reproduce conditions necessary for an individual or a crew to rehearse operational tasks.

ACQUISITION STRATEGY

- Small Business Competition
- Multiple Award Contracts for the same or similar services

PERIOD OF PERFORMANCE

- 29 March 2021 – 28 March 2031
- Five-year base
- Five one-year options
  - (1st option Mar 2024)

POINT OF CONTACT

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FUNDING

- Shared ceiling $249M

Future Task Orders include Navy CCS 4QTR FY23 USMC CCS 1QTR 24

Current Vendors
Ahtna
Guard Unit
Hatalom
Shock Streak

12/8/2023

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Electronics and Communication Services (ECS)

Description/Summary of Program Requirements

- PM TRASYS awarded a Multiple Award Task Order Contract (MATOC) in August of 2021 that is primarily aligned with the ECS Service Portfolio Group within DoD's Taxonomy of Services. The ECS MATOC will include sustainment support for Post Deployment Software Support, On-going Software Development and Cybersecurity. Systems supported under this contract are relatively complex items of training equipment, using software applications to represent conditions of combat operations necessary for multiple echelons of training.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Small Business Competition • Multiple Award Contracts for the same or similar services	• 27 August 2021 – 26 August 2031 • Five-year base • Five-one year options • (1st option Feb 2026)

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Shared ceiling $238M

Current Vendors
AVT Simulations
Choisys Technology
Corps Simulation & Cyber Solutions
Dignitas Technologies
Engineering & Computer Simulations
Envision Innovative Solutions
Tactical Edge

MARINE CORPS SYSTEMS COMMAND
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TS4

MAGTF Training Systems Support (MTSS)

Description/Summary of Program Requirements

- PM TRASYS awarded a Multiple Award Task Order Contract (MATOC) in March of 2019 that is primarily aligned with the Knowledge Based Services Portfolio Group within DoD's Taxonomy of Services. The MTSS MATOC is structured for maximum flexibility, providing an expedited ordering process to procure knowledge based services to satisfy training and education requirements for TECOM organizations.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• Multiple Award Contracts for the same or similar services	• 20 March 2019 – 19 March 2029

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email: pmtrasys@usmc.mil	• Shared ceiling $245M • Ceiling Reached

Current Vendors
American Systems Corp
Calibre Systems
Valiant Global
Solutions Through Innovative Technologies
Science Applications
Corps Solutions
Obsidian Solutions

MARINE CORPS SYSTEMS COMMAND
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Indoor Simulated Marksmanship Trainer (ISMT)

ISMT is an existing capability that uses simulation to instill and sustain Marines and Sailors in marksmanship fundamentals, crew served weapons employment, call for fire and tactical decision making. ASALT is a new capability intended to provide an enhanced capability that directly supports weapons proficiency training to include updated scoring, team/squad drills, and advanced techniques within a simulated environment. The software support is anticipated to support both.

Underwater Egress Trainer (UET)

UET Contract Logistic Support (CLS) to train Marines and other authorized personnel how to egress from sinking or submerged platforms (i.e., aircraft, amphibious, and ground vehicles), including the use of life support equipment, e.g., Supplemental Emergency Breathing Devices (SEBDs) and Life Preserver Units (LPUs) to increase survival rates.

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• ECS MATOC • 5-year contract	• FY25 – FY29

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : TBD

ACQUISITION STRATEGY	PERIOD OF PERFORMANCE
• SAIDIQ • 5-year contract	• FY24Q2 – FY29Q2

POINT OF CONTACT	FUNDING
PM TRASYS Phone: 407-381-8762 Email:pmtrasys@usmc.mil	• Estimated Value : $47.4M

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TS4

TS4 Future Contracting Actions

	Acquisition Approach	FY23	FY24	FY25	FY26	FY27	FY28
Strategic Planning	• **S**tructured: PdM Training Systems Sustainment and Support Services created to oversee enterprise sustainment and services contracts • **A**gile: MATOCs and SAIDIQs for service requirements or modernization of existing systems • **F**lexible: Task orders allow for adding, curtailing, or eliminating organizations, locations, or services to meet evolving Marine Corps training and education requirements • **E**ffective: Implements Better Buying Power initiatives, promoting competition throughout the acquisition lifecycle to best manage cost, schedule and performance risks						
ISMT	ECS MATOC		Service Contract →		Service Contract →		
UET	Open	Service Contract →	Service Contract →				

■ Existing Contract   ☐ Future Effort/Contract

MARINE CORPS SYSTEMS COMMAND
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Questions?

Monitor
https://beta.sam.gov

Go to
https://go.usa.gov/x5y4j
for information

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