



# MARINE CORPS SYSTEMS COMMAND PROGRAM EXECUTIVE OFFICER LAND SYSTEMS



## Advanced Planning Briefing to Industry

### Overview of Information Systems and Infrastructure Programs

Ms. Karen M. Davis, Program Manager  
Information Systems and Infrastructure (ISI)  
Marine Corps Systems Command

30 April 2012

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Commandant of the Marine Corps

Assistant Secretary of the Navy  
Research, Development & Acquisition

MARCORSSYSCOM

PEO  
EIS

PEO  
Land Systems

Staff

JPO MRAP  
Mine Resistant  
Ambush Protected

Staff

Staff

Deputy Commander  
Resource Management

Deputy Commander  
SIAT

Commanding Officer  
MCTSSA  
Camp Pendleton, CA

Assistant Commander  
Contracts

Assistant Commander  
Acquisition Logistics/  
Product Support

Assistant Commander  
Programs

PM Marine INTEL  
Marine Intelligence

PM AMMO  
Ammunition

PM LAV  
Light Armored Vehicle  
Warren, MI

PM TRASYS  
Training Systems  
Orlando, FL

PM ISI  
Information Systems and  
Infrastructure

PM MC3  
MAGTF Command, Control,  
and Communications

PM IWS  
Infantry Weapons Systems

PM AFSS  
Armor and Fire  
Support Systems

PM CSS  
Combat Support Systems

PM NEN  
Naval Enterprise  
Networks

PM EIS  
Enterprise IT Services

PM GCSS-MC  
Global Combat Support  
System-Marine Corps

Assistant Secretary of the Army  
Research, Development & Acquisition

PEO  
Ground Systems

JPEO  
Chem/Bio Defense

PM RS  
Robotic Systems  
Warren, MI

PM  
Protection

PM AAA  
Advanced Amphibious  
Assault

Amphibious Assault  
Vehicle

Amphibious Combat  
Vehicle

Marine Personnel  
Carrier

PM CAC2S  
Common Aviation Command  
& Control System

PM GATOR  
Ground/Air Task Oriented  
Radar

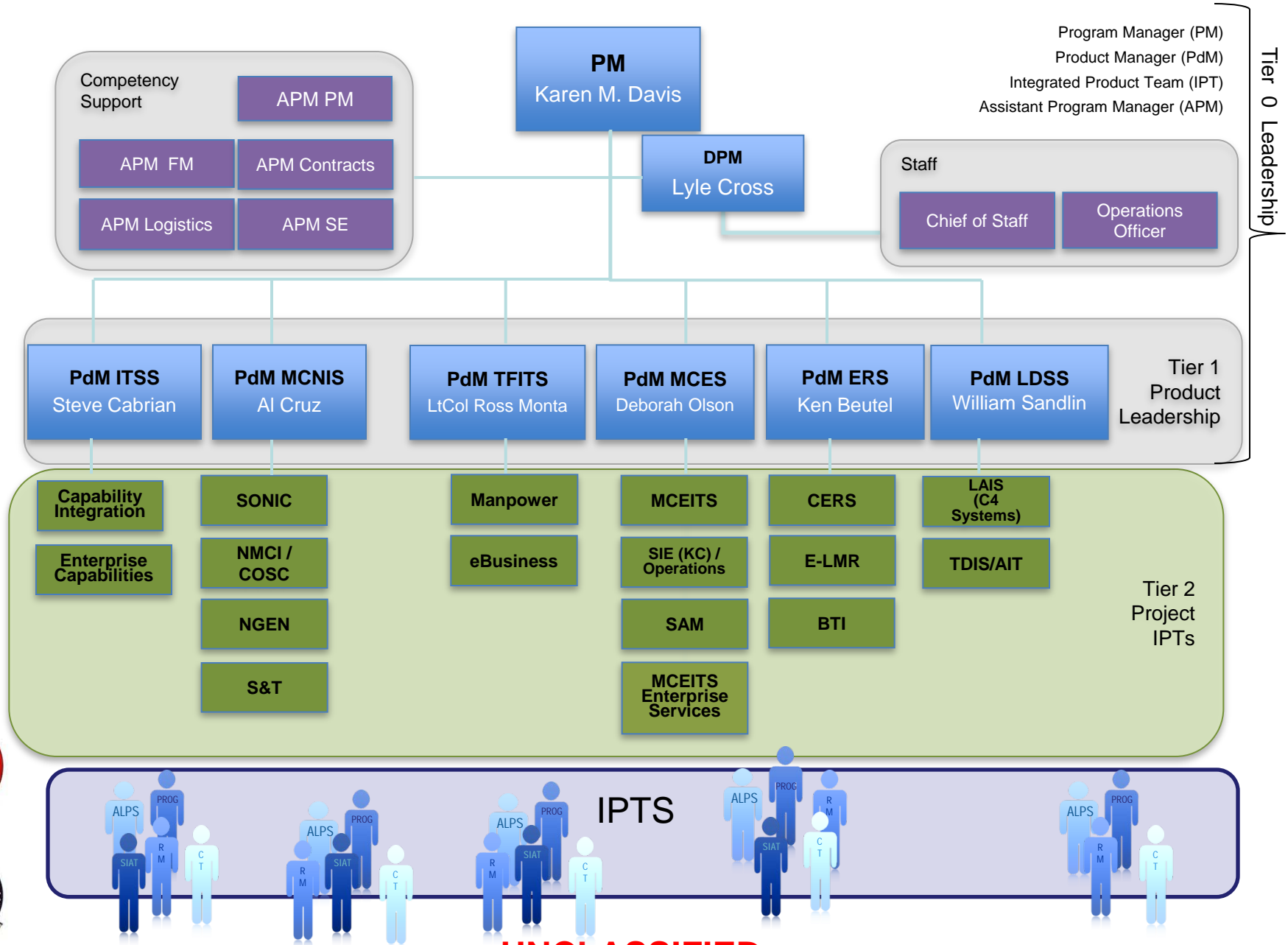
PM JLTV  
Joint Light Tactical  
Vehicle

PM LW155  
Lightweight 155  
Picatinny, NJ

PM LVSR  
Logistics Vehicle System  
Replacement

PM MTRV  
Medium Tactical Vehicle  
Replacement

# ISI Competency Aligned Structure



Tier 0 Leadership

Tier 1 Product Leadership

Tier 2 Project IPTs

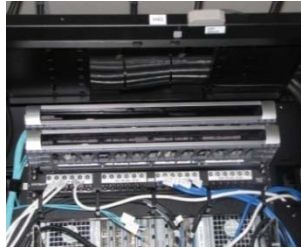
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# ISI Mission and Vision

**Mission:** Serve as the USMC's agent for design, acquisition, and sustainment of the Information Systems and Infrastructure (IS&I) used to accomplish the Marine Corps Warfighting Mission.

**Vision:** Be the recognized leader in delivering forward-focused information technology solutions and capabilities.



# ISI Programs/Projects and Challenges

## Programs/Projects

ACAT III.....	3
ACAT IV .....	7
AAP.....	22
Non-PORs.....	96
Other Serv. Lead ...	<u>10</u>
	138

## Challenges

Affordability - programs at a cost, but constrained by resources

Capability - the quantity of an end item delivered to a warfighter organization structure.

Requirements - simple; reliable; lower consumption; lighter

Efficiency - all around; budget cuts in response to expectations of increasing efficiencies

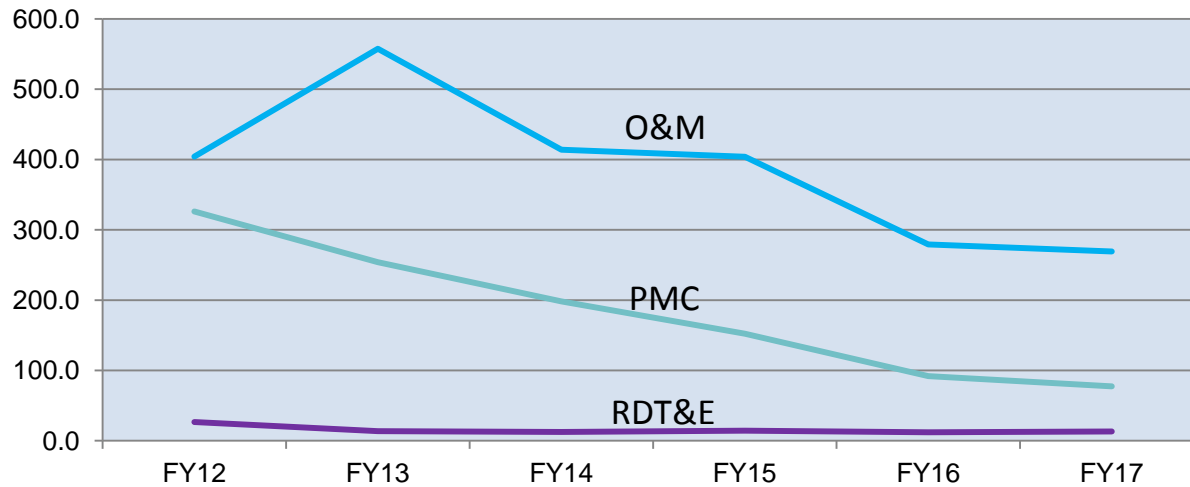
Information Assurance - includes protection of PII; increasing demand

Sustainment – lifecycle support for what we field

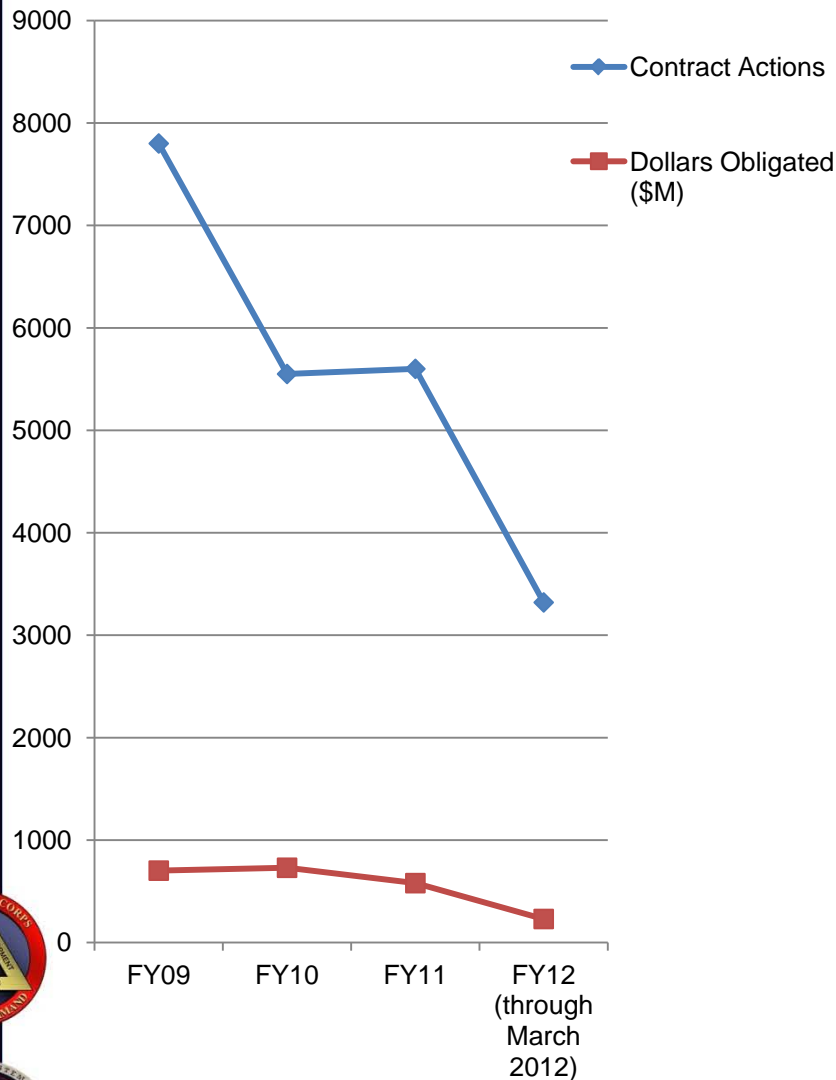


# FYDP Totals

\$M	FY12	FY13	FY14	FY15	FY16	FY17	FYDP Total
RDT&E	26.5	13.6	12.4	14.2	12.0	13.2	91.9
PMC	326.1	254.0	198.3	152.2	92.0	77.3	1099.9
O&M	404.2	557.5	413.9	403.9	279.2	269.2	2327.9
Annual Totals	756.8	825.1	624.6	570.3	383.2	359.7	3519.7



# ISI Contracts Snapshot



- Includes customers that we have provided IT supplies and support for
- Most of our purchases are done through federal supply schedules
- Our option exercise actions take about 60-90 days since we renegotiate each option
- Competitive service requirements take about 150 days. Leaving solicitations out for at least 30 days (seeing a slight increase in numbers of proposals)
- Most all of our awards are done competitively. Although some are brand name, we compete among resellers.
- COSC actions are coded as sole source actions, which skews our data.



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# ISI Panel

- Ms. Charlette Hudson - Information Technology Strategic Sourcing
- Mr. Al Cruz - Marine Corps Network and Infrastructure Services
- LtCol Ross Monta - Total Force Information Technology Systems
- Ms. Deborah Olson - Marine Corps Enterprise Services
- Mr. Ken Beutel - Emergency Response Systems
- Mr. William Sandlin - Logistics and Deployment Support System



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# Advanced Planning Briefing to Industry

## Information Technology Strategic Sourcing (ITSS)

**Mission:** Establish, sustain and continuously refine USMC standard computing resources as tested, certified and reusable components for a Marine Corps information technology framework that spans the range of military operations from tactical Warfighting to complex business systems.

Ms. Charlette Hudson, Deputy Product Manager  
Information Technology Strategic Sourcing

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# ITSS Products and Services

- **Products and Services:**

- **Marine Corps Common Hardware Suite (MCHS):** Strategic sourcing initiative that provides centralized procurement for Marine Commercial-Off-The-Shelf (COTS) computing equipment.
  - MCHS purchases COTS IT hardware for Marine Corps customers including Programs of Record, deploying units, and various commands in the Supporting Establishment .
- **Marine Corps Software Enterprise License Management System (MCSELMS):** Strategic sourcing initiative that maintains and supports the Marine Corps evolving enterprise software investment as an integrated portfolio.
  - MCSELMS is the Marine Corps implementation of the Department of Defense (DOD) Enterprise Software Initiative (ESI) that supports DOD and Department of Navy (DON) directives to centrally manage IT software resources.
  - MCSELMS provides centralized software management, procurement, deployment and maintenance support through Enterprise Software License (ESL) agreements.
  - MCSELMS was asked by the DON Chief Information Officer to take the lead on several DON ESL agreements in support of ongoing DOD and DON IT efficiency efforts.



# ITSS Challenges/Opportunities

- Challenges/Future Outlook:
  - Decreasing IT budgets
  - DON IT Efficiencies Initiative
    - UNSECNAV Policy Memo of 3 Dec 10
    - DON CIO Policy Memos of 20 Dec 10, 10 May 11 and 22 Feb 12
  - Further consolidation of procurements
    - Leverage buying power
    - Increased standardization to lower operating costs
  - Increased rigor on requirements (and long-term funding to sustain those rqmts) prior to initiating acquisition efforts
- Future Opportunities:
  - Enterprise Software Licensing agreements
  - H/W IDIQs
    - End-user
    - Networking
    - Storage



# Advanced Planning Briefing to Industry

## Marine Corps Network and Infrastructure Services (MCNIS)

**Mission:** Focus our people, enterprise knowledge, and processes to support the design, acquisition, and sustainment of the Marine Corps Information Technology Environment.

Mr. Al Cruz, Product Manager  
Marine Corps Network and Infrastructure Services

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# MCNIS Products and Services

- **Products and Services:**

- Sustain the delivery of garrison-based network of IT services for the United States Marine Corps via the Department of Navy, Navy Marine Corps Internet (DoN/NMCI)/Continuity of Service Contract (CoSC) until the DoN Next Generation Enterprise Network (NGEN) contracts and services are available.
- Support the Marine Corps transition to a Government Owned/Government Operated (GO/GO) Information Technology environment using the NMCI/CoSC and the DoN NGEN program/contracts.
- Provide affordable technology sustainment and supportability for the Marine Corps garrison classified environment via the Secure Operational Network Infrastructure and Communications (SONIC) acquisition program.
- Support process owners with the development of Marine Corps IT Service Management (ITSM) processes consistent within the IT Information Library (ITIL) V3 framework, including the selection and implementation of associated tools.
- Support the “Virtualization” of IT Services throughout the Marine Corps IT environment.



# MCNIS Opportunities/IT Challenges

- Future Opportunities:
  - SONIC Acquisition Program:
    - ~Q3FY12: Garrison Classified Networking Support
    - ~Q4FY12: Requirements Development for the SONIC acquisition program
    - ~Q4FY12: Network Infrastructure Refresh
    - ~Q2FY13: Workstation and Network Infrastructure Refresh
  - NMCI/NGEN:
    - ~Q3FY12: Regional IT Support Services
    - ~Q4FY12: ITSM Related Services
    - ~Q1FY13: Local Support for the processing of COSC Service Orders
    - ~Q1FY14: Marine Corps Enterprise Network Enterprise Service Desk (MCEN ESD)
- IT Challenges:
  - Establishing Virtual Desktops, Networking, Services, and Storage environments across the enterprise
  - Evaluating advances in IT Service Management (ITSM) processes and tools
  - Transitioning from: XP to WIN7 OS, as well as other major OS upgrades



# Advanced Planning Briefing to Industry

## Total Force Information Technology Systems (TFITS)

**Mission:** Acquire high-quality and well-engineered enterprise solutions for Manpower and eBusiness Information Technology (IT) Systems and Services to meet the needs of a diverse community of stakeholders and the Warfighter.

LtCol Ross Monta, Product Manager  
Total Force Information Technology Systems

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# TFITS Products and Services

- **Products and Services:**

- **Electronic Business Systems (eBiz):** Provide/deliver affordable and sustainable IT systems and services to enable total life cycle management of USMC business processes. The eBiz systems enable business process efficiencies through elimination of duplication and increase in data quality by establishing clear data ownership responsibilities.
- **Manpower:** Manage USMC efforts that enable Headquarters, Marine Corps Manpower & Reserve Affairs (M&RA); Training and Education Command (TECOM); and Marine Corps Recruiting Command (MCRC) IT solutions to support the Marine Corps Human Resource Development Process (HRDP). These systems support the Marine Corps' planning and operations of accession, retention, progression, transition, and attrition.





# TFITS Opportunities/IT Challenges

- Future Opportunities:
  - Defense Readiness Reporting System - Marine Corps (DRRS-MC) - Q3FY12
  - Marine Corps Training Information Management System (MCTIMS) - Q3FY12
  - Marine Corps Recruiting Information Support System (MCRISS) - Q3FY12
  - Total Force Data Warehouse (TFDW) - Q1FY13
  - Drill Management Module (DMM) - Q1FY14
  - Program Office Portfolio Support for TFITS - Q3FY14
  - Web enabled Manpower Assignment Support System (Web MASS) - Q1FY15
- IT Challenges:
  - Maintaining IA compliance for aging legacy systems, with the new Cyber Attack threats
  - Integration of mobile devices into Business Systems
  - Enterprise Data Management and Data Aggregation Security issues



# Advanced Planning Briefing to Industry

## Marine Corps Enterprise Services (MCES)

**Mission:** Provide enterprise Information Technology (IT) services, service support and the infrastructure necessary to enable a secure, collaborative, interoperable information sharing environment for the Warfighting and business domains.

Ms. Deborah Olson, Product Manager  
Marine Corps Enterprise Services

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# MCES Products and Services

- **Products and Services:**
  - **Marine Corps Enterprise IT Services (MCEITS):** Provides enterprise IT services contained within a common data center infrastructure. MCEITS service management design was developed using industry best practices and IT Infrastructure Library (ITIL) based principles. MCEITS attained IOC on 06 Jul 11.
  - **TCWS:** Supports the collaboration and C2 requirements of the tactical Warfighter and their staff. TCWS provides capabilities in the format of standardized, web-enabled, deployable information management suites with a specific focus on collaboration tools.
  - **Strategic Applications Management (SAM):** Supports the migration, integration and maintenance of USMC business/mission applications on Marine Corps Enterprise Network (MCEN) client workstations.
  - **MCEITS interim Portal Services (iPS):** Offers Microsoft Windows SharePoint Services (WSS) to USMC customers.



# MCES Opportunities/IT Challenges

- **Marine Corps Enterprise IT Services (MCEITS):**
  - Engineering/integration for second enterprise IT center (ongoing solicitation 17 May 12)
  - Application migration to MCEITS
  - Business case for disaster recovery
  - Reducing operations and sustainment costs for IT
  - Transitioning to the private cloud
- **TCWS:**
  - TCWS v2.0 fielding to begin Q3FY12
  - New Equipment Training (NET) currently being conducted
- **Strategic Applications Management (SAM):**
  - IT Asset Management
  - WIN 7 testing for USMC applications
  - Integration of DoD processes for a common operating system (OS) image
  - Reciprocity of information assurance across services
- **MCEITS interim Portal Services (iPS):**
  - Upgrade to SharePoint 2010
  - Migration to KC IT center



# Advanced Planning Briefing to Industry

## Emergency Response Systems (ERS)

**Mission:** Acquire and sustain emergency management capabilities and resilient base telecommunications infrastructure aboard USMC installations.

Mr. Ken Beutel, Product Manager  
Emergency Response Systems

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# ERS Products and Services

- **Products and Services:**

- **Enterprise Land Mobile Radio (E-LMR):** Provides interoperable, secure, reliable, survivable, versatile wireless communications networks solutions for Emergency Management and All-Hazards communications.
- **Consolidated Emergency Response System (CERS):** Provides solutions to enable command and coordination dispatch functions for Marine Corps Emergency First Responders, supporting day-to-day and All-Hazard missions. Encompasses law enforcement, fire, and emergency medical response agencies as well as emergency dispatch centers.
- **Base Telecommunications Infrastructure (BTI):** Provides upgrades and installation of core cable plant to support voice, video and data services at Marine Corps installations. Related BTI efforts include implementation of Dense Wave Division Multiplexing (DWDM) technology and upgrading fiber to support integration of voice, video and data on a common base IT infrastructure.



# ERS Opportunities

- **Enterprise-Land Mobile Radio:**

- An East Coast Region LMR Radio Frequency (RF) system contract with CLINS for east coast installations, RFP release Q4FY12
- A West Coast Region LMR RF system contract with CLINS within 2-3 years, FY13 and FY14

- **Consolidated Emergency Response Systems:**

- E911 system for Marine Corps Installations, RFP release scheduled for Q3FY12
- CERS - Computer Aided Dispatch system supporting Fire Station Alerting and Mobile Data Computers, RFP release scheduled for Q4FY12

- **Base Telecommunication Infrastructure (BTI):**

- Mountain Warfare Training Center Bridgeport infrastructure upgrade Q3FY12
- Marine Corps Air Station (MCAS) Yuma DWDM integration RFP Q4FY12
- Marine Corps Logistics Base Albany DWDM and UC integration Q4FY12
- MCAS Beaufort and MCRD Parris Island, Dense Wave Division Multiplexing (DWDM) and Unified Capabilities (UC) integration RFP FY13
- MCAS Iwakuni DWDM and UC RFP FY13
- MCAS Beaufort and MCRD Parris Island Infrastructure Upgrade RFP FY13
- Camp Pendleton UC integration RFP FY13
- MCAS Miramar DWDM and UC integration RFP FY14
- MCAS Cherry Point DWDM and UC Integration RFP FY14
- MCAS Cherry Point Infrastructure Upgrade RFP FY14
- MCAS Yuma UC integration RFP FY14
- MCB Quantico DWDM integration RFP FY14



# Advanced Planning Briefing to Industry

## Logistics and Deployment Support Systems

**Mission:** Deliver effective logistics and support systems on-time to meet the vision of our stakeholders and the needs of the warfighter. LDSS will apply the appropriate mix of people with the right skills at the right time to deliver successful results within real-world constraints.

Mr. William 'Pete' Sandlin, Product Manager  
Logistics and Deployment Support Systems

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# LDSS Products and Services

- **Products and Services:**

- **Logistics Automated Information Systems (LAIS):** Provides the capability for business, logistics, retail and wholesale supply IT systems that directly support key business transitional processes across the Marine Corps. Capabilities supported include the management of USMC and Joint legacy logistics and business applications.
- **Transportation and Distribution Information Systems (TDIS)/Automatic Identification Technology (AIT):** Provides for the development, fielding, deployment, and life-cycle support of several Joint Unit Move and Sustainment Automated Information Systems (AIS) as well as the Joint Force Deployment Planning System. AIT is also responsible for the establishment and sustainment of the Active and Passive Radio Frequency Identification (RFID) infrastructure that supports the Commanders In-Transit Visibility for supplies and equipment during deployments and redeployment.



# LDSS Opportunities

- **LDSS Program Management Support Initiative:**
  - Program management support functions to include program management, acquisition, logistics, financial, contractual, information assurance, which ensures LDSS Systems-managed applications/programs/systems remain fully operational and accredited.
  - Includes informational technology support in the form of content management and document management solutions. [SharePoint Administration]
- **Systems Engineering/Analysis Support Initiative:**
  - IT systems engineering analysis/audit with technical metric development is required to determine Plan of Action and Milestone (POA&M) for merging capabilities within the LDSS Portfolio.
  - Analysis would address ways to effectively manage legacy applications, determine requirements for modernization of hardware and software platforms, evaluate hosting facilities, identify configuration management, helpdesk and system analyst support, and staffing services.
- **Survivability Modifications Initiative:** Several of the current LDSS applications/programs/systems require survivability safeguard implementation to prevent software application/program operational failures.



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**Thank you!**

**Are there any questions?**



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