



MARINE CORPS SYSTEMS COMMAND

EQUIPPING THE WARFIGHTER TO WIN

AFCEA (Quantico-Potomac)
USMC IT Day Panel
“Introduction to Product Group 10”

Ms. Karen M. Davis, Director
Information Systems and Infrastructure (Product Group 10)
Marine Corps Systems Command

18 April 2012

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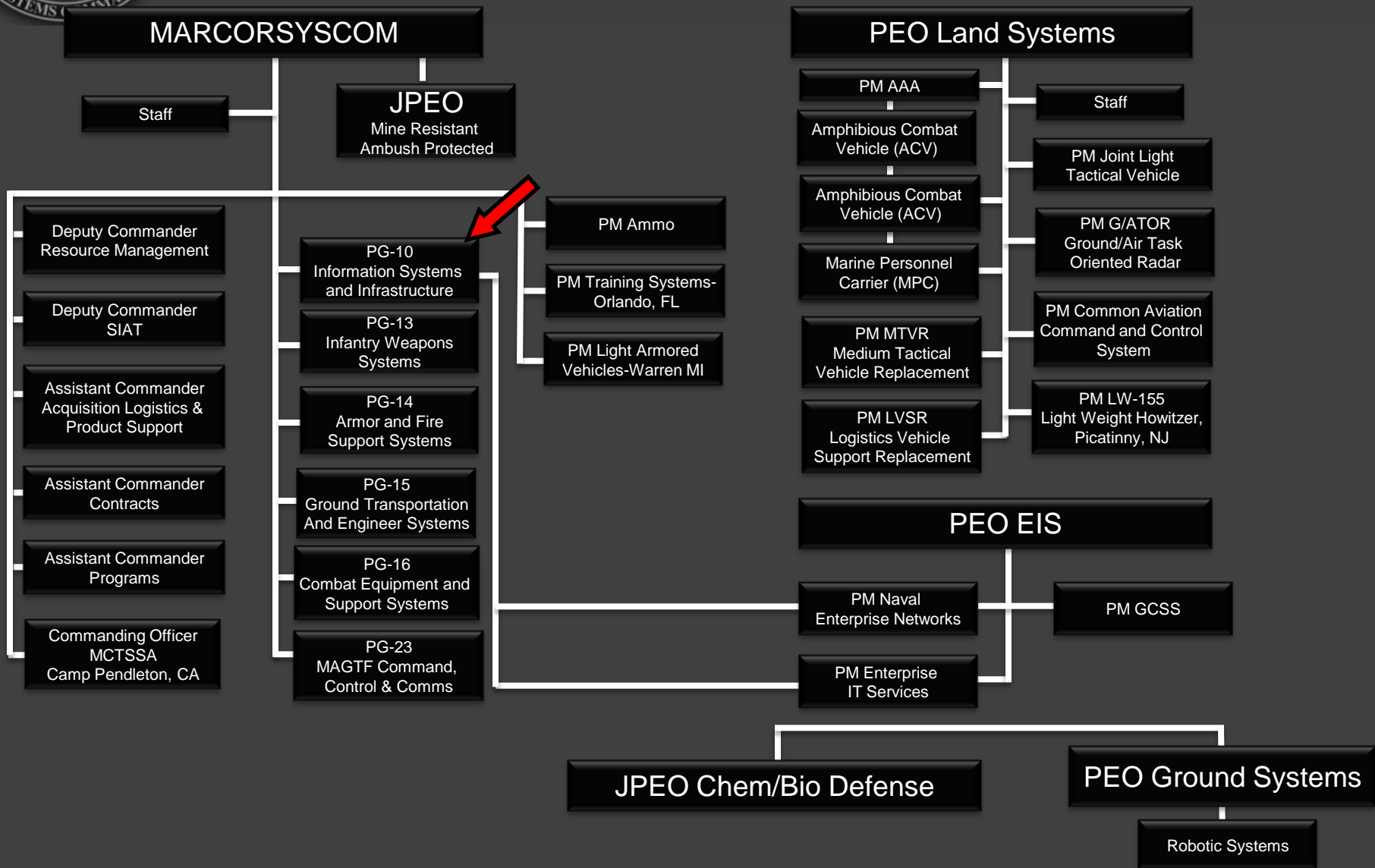
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Program Alignment





Marine Corps Systems Command



- We're the Commandant of the Marine Corps' agents for acquisition and sustainment.
- We provide competency resources, policies and processes to PEOs and Program Offices.
- We field systems and equipment used by the Marine Corps and joint operating forces to accomplish their warfighting mission.
- We manage the life cycle of MCSC acquired systems and equipment.



Commander's Intent

“My intent is to make Marine Corps Systems Command more responsive and relevant in this changing environment.”

Guidance Roadmap

Target Affordability and Control Cost Growth

- Mandate affordability as a requirement
- Performance incentives
 - All Milestone A set affordability target as a Key Performance Indicator
 - All Milestone B milestone engineering trades showing how each key design feature affects the target cost
- Drive productivity growth through WII Cost-Based Cost Management
- Eliminate redundancy within warfighter portfolios
- Make production rates economical and hold them stable but shelter price on incentives and manage to them

Incentivize Productivity & Innovation in Industry

- Reward contractors for successful supply chain and indirect expense management
- Increase the use of FFP contract type where appropriate using a 50/50 share risk and 120 percent ceiling as a point of departure
- Adjust progress payments to incentivize performance
- Expand the Navy's Preferred Supplier Program to a DoD-wide pilot
- Encourage industry's independent research and development and protect the defense technology base

Promote Real Competition

- Present a competitive strategy of each program selection
- Remove obstacles to competition
 - Allow responsible time to bid
 - Require non-certified cost and pricing data on single offers
 - Require open system architecture and set rules for acquisition of technical data rights
- Increase dynamic small business role in defense marketplace competition

Improve Efficiency in Services Acquisition

- Create a senior manager for acquisition of services in each component, following the Air Force's example
- Adopt uniform taxonomy for different types of services
- Address issues of poor tradecraft in services acquisition
 - Assist users of services to define requirements and prevent scope creep in requirements templates
 - Assist users of services to conduct market research to support competition and pricing
 - Evaluate competition by requiring more frequent requests of knowledge-based services
 - List the use of time and materials and award the contracts for services
 - Require that services contracts exceeding \$10 contain cost efficiency objectives
 - Increase small business participation in providing services

Reduce Non-Productive Processes and Bureaucracy

- Reduce the number of OSD-level reviews to those necessary to support major investment decisions or to uncover and respond to significant program execution issues
- Eliminate low-value added statutory processes
- Reduce by half the volume and cost of interest and congressional reports
- Reduce non-value added overhead imposed on industry
- Align OCM and DCAM processes to ensure each is complementary
- Increase use of Forward Pricing Rate Recommendations (FPRRs) to reduce administrative costs



35TH COMMANDANT OF THE MARINE CORPS
COMMANDANT'S PLANNING GUIDANCE

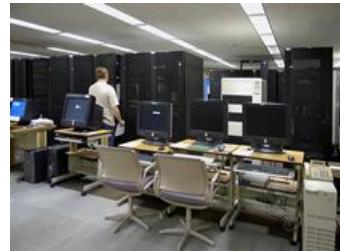
2010



PG-10 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.

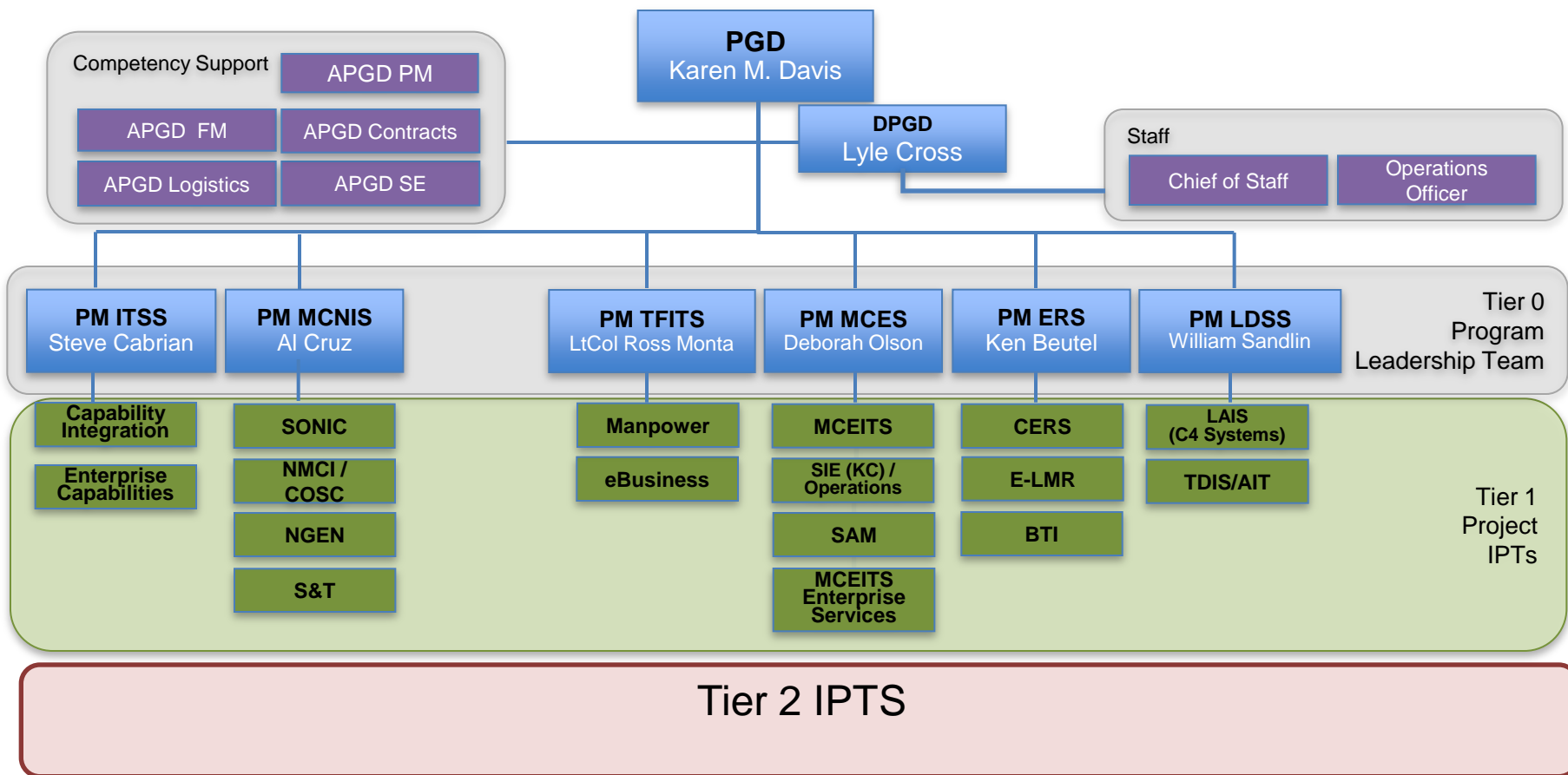




MARINE CORPS SYSTEMS COMMAND

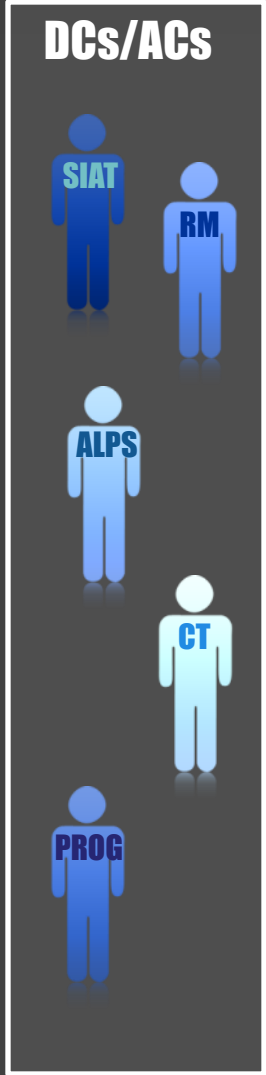
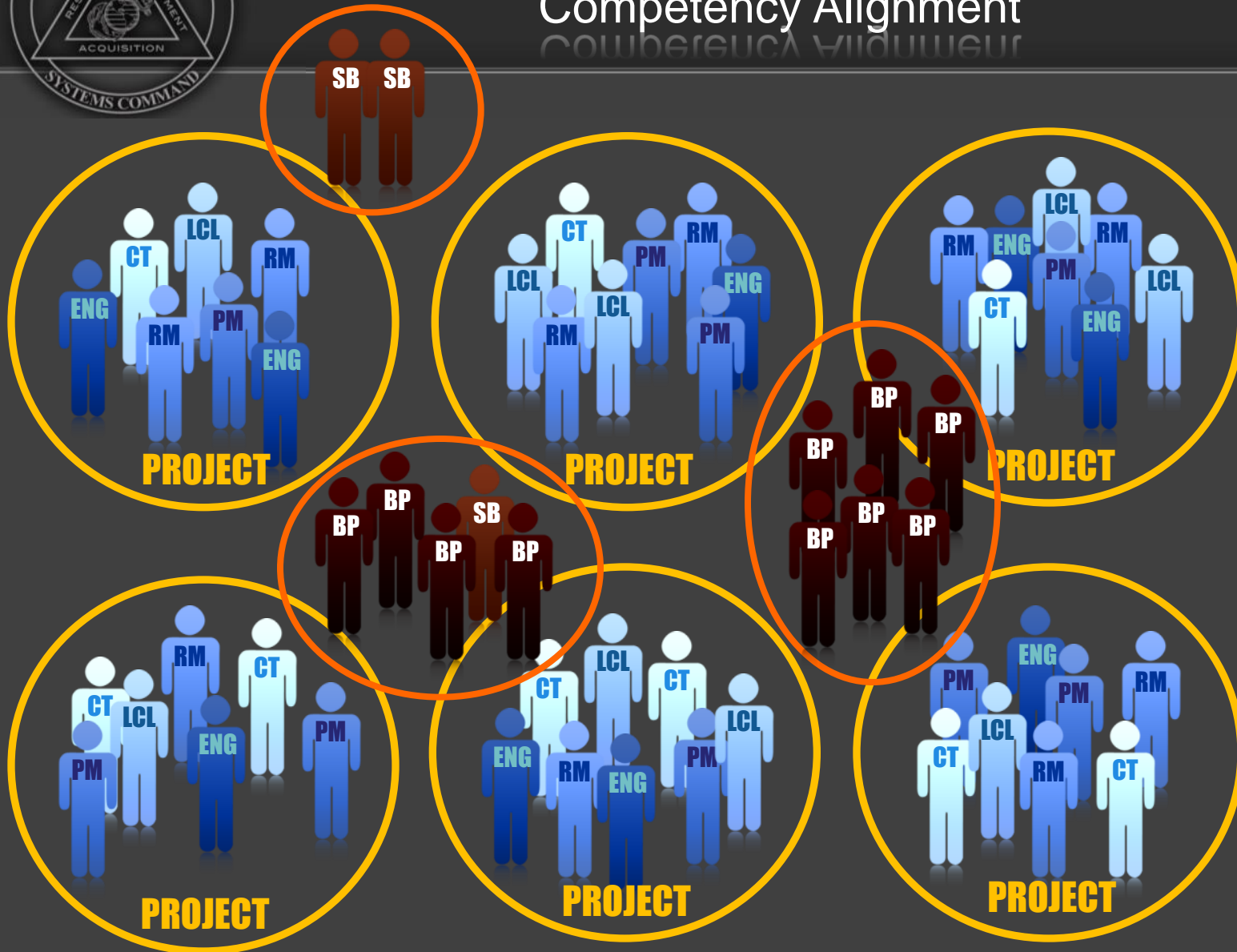
EQUIPPING THE WARFIGHTER TO WIN

PG-10 Structure



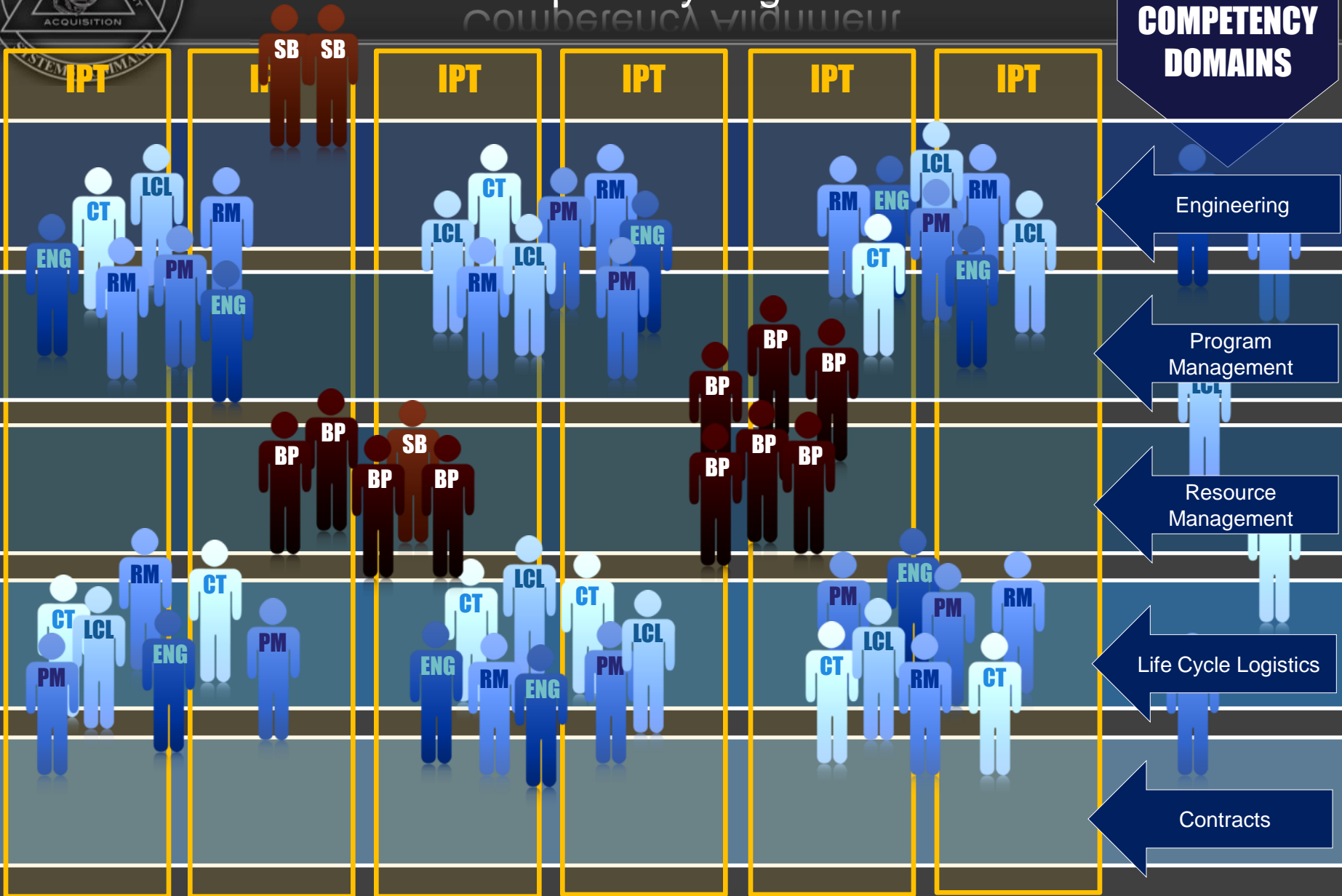


Competency Alignment





Competency Alignment





PG-10 Programs

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

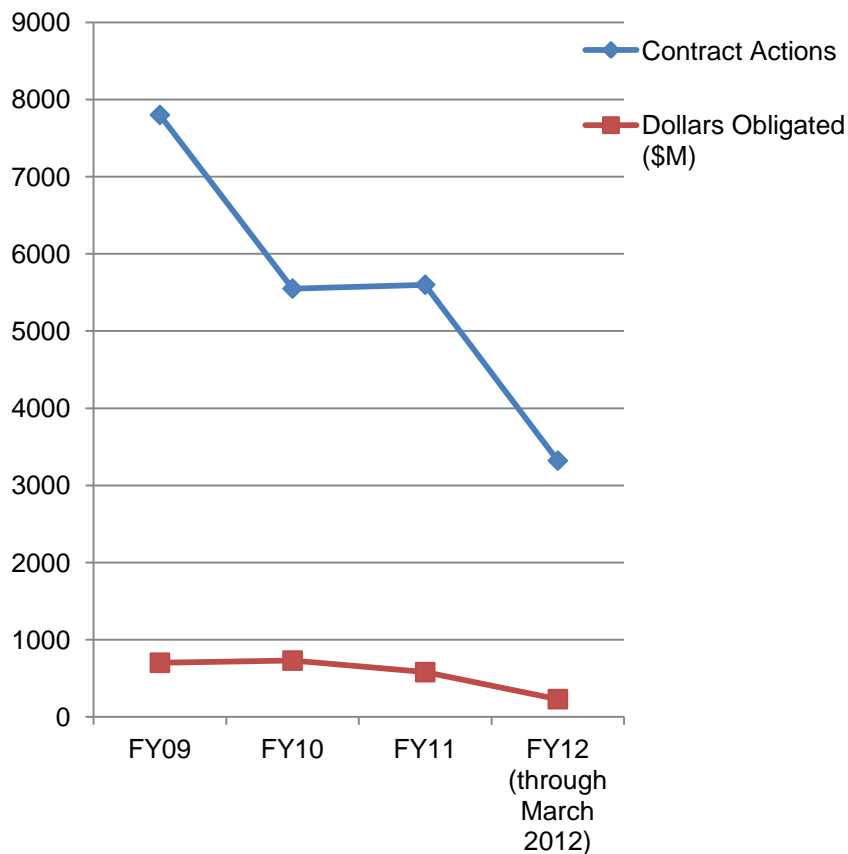
Information Assurance - includes protection of PII; increasing demand

Sustainment – lifecycle support for what we field





PG-10 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.





PG-10 Program Office Panel

- Mr. Steve Cabrian - PM Information Technology Strategic Sourcing
- Mr. Al Cruz - PM Marine Corps Network and Infrastructure Services
- LtCol Ross Monta - PM Total Force Information Technology Systems
- Ms. Deborah Olson - PM Marine Corps Enterprise Services
- Mr. Ken Beutel - PM Emergency Response Systems
- Mr. Tony Brill - DPM Logistics & Deployment Support System





PM Information Technology Strategic Sourcing (ITSS)

Mr. Steve Cabrian, Program Manager
Information Technology Strategic Sourcing

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- **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.*
- **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





- Challenges/Future Outlook:
 - Decreasing IT budgets
 - DON IT Efficiencies Initiative
 - UNSECNAV Policy Memo of 3 Dec 2010
 - DON CIO Policy Memos of 20 Dec 2010, 10 May 2011 and 22 Feb 2012
 - Further consolidation of procurements
 - Leverage buying power
 - Increased standardization to lower operating costs
 - More scrutiny on rqmts (and long-term funding to sustain those rqmts) prior to initiating acquisition efforts
- Future Opportunities:
 - ESL agreements (DOD/DON guidance to consolidate)
 - H/W IDIQs
 - End-user
 - Networking
 - Storage





PM Marine Corps Network and Infrastructure Services (MCNIS)

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

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- **Mission:** Focus our people, enterprise knowledge, and processes to support the design, acquisition, and sustainment of the Marine Corps Information Technology Environment (MCITE).
- **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.
 - Supporting 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
 - Supporting the “Virtualization” of IT Services throughout the Marine Corps IT environment





- Future Opportunities:
 - SONIC Acquisition Program:
 - ~Q3FY12: Garrison Classified Networking Support
 - ~Q4FY12: Requirements Development for the SONIC acquisition program
 - NMCI/NGEN:
 - ~Q3FY12: Regional IT Support 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
 - Data Center Consolidation
 - Cloud computing implementation as it relates to Infrastructure as a Service (IaaS), Platform as a Service (PaaS) and Software as a Service (SaaS)
 - Cloud Security & ID management
 - SharePoint replication and data management
 - Evaluating advances in IT Service Management (ITSM) processes and tools
 - Transition from: XP to WIN7 OS, as well as other major OS upgrades





PM Total Force Information Technology Systems (TFITS)

LtCol Ross Monta, Program Manager
Total Force Information Technology Systems

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- **Mission:** Acquire high-quality and well-engineered enterprise solutions for Manpower, and e-Business Information Technology (IT) Systems and Services on-time that meet the needs of a diverse community of stakeholders and the Warfighter.
- **Products and Services:**
 - **Electronic Business Systems (eBiz):** Acquire/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.





- Future Opportunities:
 - Defense Readiness Reporting System - Marine Corps (DRRS-MC) – 3rd QTR FY12
 - Marine Corps Training Information Management System (MCTIMS) – 3rd QTR FY12
 - Marine Corps Recruiting Information Support System (MCRISS) - 3rd QTR FY12
 - Total Force Data Warehouse (TFDW) – 2nd QTR FY12
 - Program Office Portfolio Support for TFITS – 3rd QTR FY14
 - Drill Management Module (DMM) – 1st QTR FY14
 - Web enabled Manpower Assignment Support System (Web MASS) – 1st QTR FY15
- 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





PM Marine Corps Enterprise Services (MCES)

Ms. Deborah Olson, Program Manager
Marine Corps Enterprise Services

18 April 2012





- **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.
- **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 July 2011.
 - **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.





- **Marine Corps Enterprise IT Services (MCEITS):**
 - Expansion of MCEITS core enterprise services and application hosting infrastructure
 - Engineering/integration for second enterprise IT center
 - Application migration to MCEITS
 - Business case for disaster recovery
 - Reducing operations and sustainment costs for IT
 - Transitioning to the private cloud
 - Infrastructure/service updates required for activation of enterprise IT Service Management services
 - Remediation/validation of the MCEITS enclaves to achieve full Authority to Operate (ATO)
- **TCWS:**
 - Consolidated ATO/ATC granted for TCWS v2.0
 - TCWS v2.0 fielding to begin Q3FY12
 - New Equipment Training (NET) currently being conducted
- **Strategic Applications Management (SAM):**
 - Unified Master Gold Disk (UMGD) Release 2 targeted for July 2012
 - Integration of DoD processes for a common operating system (OS) image
 - Reciprocity of information assurance across services
- **MCEITS interim Portal Services (iPS):**
 - Implementation of VIPER – a command-level SharePoint portal within iPS
 - Future upgrade to SharePoint 2010





PM Emergency Response Systems (ERS)

Mr. Ken Beutel, Program Manager
Emergency Response Systems

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





- **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):**
 - Marine Corps Air Station (MCAS) Yuma DWDM integration RFP Q4FY12.
 - Marine Corps Logistics Base Albany DWDM and UC integration Q4FY12.
 - Mountain Warfare Training Center Bridgeport infrastructure upgrade Q3FY12.
 - 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.





PM Logistics and Deployment Support Systems (LDSS)

Mr. Tony Brill, Deputy Program Manager
Logistics and Deployment Support Systems

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- **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.
- **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 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.





Questions

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