AC ALPS

PRODUCTS & SERVICES CATALOG

Table of Contents

Message from AC ALPS 4
Purpose/Mission/Vision 5
Our Priorities 6
Mission Areas 7
Products & Services
Assistant Program Manager/Assistant Program Executive Officer – Logistics 9
The APM/APEO-L serves as the primary interface between the Logistics Competency Director (CD), the PM/PEO and logistics competency personnel.
Computer Resources Technical Assistance 10
Provide specific technical assistance to program teams with regard to Computer Resource planning.
Corrosion Prevention and Control Program 11
The Corrosion Prevention and Control (CPAC) Program's mission is to extend the useful life of all Marine Corps tactical ground and ground support equipment, and to reduce maintenance requirements and associated costs through the identification, implementation, and if necessary, development of corrosion prevention and control products, materials, technologies, and processes.
Department of Defense Activity Address Code 13
The Major Command (MAJCOM) DoDAAC Monitor and subject matter expert addressing questions regarding Marine Corps Systems Command and contractor Department of Defense Activity Address Code (DoDAACs) required for shipment and receipt of materials.
Design Interface 14
The Design Interface Integrated Product Team (IPT) is a venue for MCSC personnel to address concerns in their programs with regards to addressing Design Interface in their respective Product Support Strategies.
Disposal Process Oversight and Support 16
The MCSC Disposal Process Planning provides a top-level planning guide for the Integrated Product Team (IPT) to plan for the disposal of its system.
Enterprise Life Cycle Maintenance Program (ELMP) 17
AC ALPS provides Command oversight and assistance in regards to the Marine Corps ELMP Program.
Equipment Specialist Resources SharePoint 18
The Equipment Specialist Resources SharePoint provides the Equipment Specialist (ES) workforce with a site that puts numerous resources at their fingertips.
Equipment Specialist Workshop Training 19
Equipment Specialist (ES) workshops are provided to supplement the training provided in the Life Cycle Supply Support (LCSS) and Initial Issue Provisioning (IIP) Process training classes.
Facilities Planning Process Oversight and Support 20
The MCSC Facilities Planning Process provides a top-level planning guide for the Integrated Product Team (IPT) to plan for new Facilities or upgrades of existing facilities in support of their system/equipment.
Fielding Process Oversight and Support 21
The MCSC Fielding Process is a standardize Command-wide Fielding process for all Marine Corps Acquisition Category (ACAT) Programs.
Financial Improvement Audit Readiness 22
Develop and apply internal processes and procedures, business rules, and training all in support of Headquarters Marine Corps Financial Improvement Audit Readiness (FIAR) initiative to ensure successful execution of WAVE 3 (Existence and Completion Assertions) complying with applicable laws and regulations.
First Destination Transportation Second Destination Transportation 23
The FDT/SDT Lead supports the PMO by providing expertise related to all transportation needs throughout the life cycle of the equipment.
Government Property 24
The Government Property lead will address issues/questions regarding third party transfers in support of weapon systems as well as communicate GP issues from MCSC Programs to Senior Leadership.

Human Capital Resource Management 25
Support the PMs with an affordable cadre of logistics acquisition professionals, who meet the education, training, and experience required to perform the MCSC mission.
Independent Logistics Assessment Oversight and Support 26
The Independent Logistics Assessment (ILA) is the process by which the Milestone Decision Authority (MDA) evaluates the program's readiness, supportability and maintainability.
Initial Issue Provisioning Training and Support 27
The Marine Corps Systems Command (MCSC) Initial Issue Provisioning (IIP) Process provides an overview of the procedures used to provision spares and repair parts for new weapons systems.
Item Unique Identification Oversight and Support 28
Provide oversight and support to the Command in planning, implementation, resource planning, and Total Life Cycle Systems Management (TLCSM) of IUID.
Life Cycle Sustainment Planning Oversight and Support 30
The MCSC Life Cycle Sustainment Planning (LCSP) Process is a standardize Command-wide product support management tool which assists the PM in managing and aligning a program's efforts, including sustainment-related risk.
Logistics Competency Workforce Development 32
Manage programs for logistics competency professional development and career progression to include guidance, funding travel, training courses, and recognition. DAWIA requirements are statutory for acquisition-designated employees.
Logistics Data Support 34
Provide support for programmatic actionable data.
Logistics Requirements Funding Summary Cost Estimating Tool 35
The USMC Logistics Requirements Funding Summary Cost Estimating Tool (LRFS CET) leverages user inputs, internal processes and functions, and a repository of cost models in order to provide a relevant LRFS estimate.
Maintenance Planning and Management Process Oversight and Support 37
Maintenance Planning and Management (MP&M) provides a top-level guide for the Integrated Product Team (IPT) to plan for systems/equipment maintenance
Manpower, Personnel and Training 38
Provide technical assistance, training, templates, and tools to program teams to address Manpower, Personnel and Training (MPT) during the acquisition life cycle of a program.
Planned Delivery and Fielding Data 40
Provide consistent, accurate Planned Delivery and Fielding Data to support Enterprise Sourcing Plans that provide details for the Marine Corps equipping strategy to all stakeholders.
Predictive Analysis 41
AC ALPS uses a variety of tools and analytical methods to predict and assess the potential impact of programmatic decisions on ownership cost and availability, to reduce uncertainty related to sustainment planning and to identify efficiency initiatives at no/low cost to Program Managers.
Provisioning Systems Training and Support 42
Provisioning Systems Training provides detailed training for obtaining National Stock Numbers (NSNs).
Readiness of Enterprise Acquisition Data Symposium 43
An annual meeting to provide and gather relevant information on current data systems, in process and planned changes, as well as future subjects of interest.
Reliability-Centered Maintenance 44
Reliability-Centered Maintenance (RCM) is a process used to determine optimal failure management strategies in order to maintain the desired function of any system in any given operational context.
Stock Number Attainment 45
The Marine Corps Systems Command (MCSC) Stock Number Attainment Process (SNAP) provides detailed curriculum on the process used to obtain National Stock Numbers (NSNs) and Marine Corps Stock Numbers (MCSNs).
Supply Support 46
The Marine Corps Systems Command (MCSC) Life Cycle Supply Support (LCSS) Process provides an overview for the Integrated Product Support (IPS) element of Supply Support.
Support Equipment 47
The Support Equipment Integrated Product Team (IPT) is a venue for MCSC personnel to address concerns in their programs with regard to Support Equipment in their Product Support Strategies.

Sustaining Engineering 49
Support in-service systems in operational environments. Sustaining Engineering (SusEng) involves identification, review, assessment, and resolution of deficiencies. Most importantly it returns a system to its operational status through Engineering Change Proposal (ECP) or Product/Process Improvements. Analysis of fault causes and effects, as well as reliability and maintainability trends, feedback into the decisions to maintain the product or process.
System Sustainment Analysis 50
AC ALPS provides logistical data, Systems Operational Effectiveness (SOE) Equipment Status Reports, and conducts weapon system economic analyses to support Program Management Offices (PMOs) with sustainment strategies and investment decisions.
Technical Data 52
Provide technical data subject matter expertise on questions regarding technical data issues affecting integrated logistics support of a weapon system.
Technical Publications 54
The Technical Publications team conducts training and provides guidance in planning, developing, acquiring, publishing, stocking, distributing, improving, and disposing of publications.
Unit Training Assistance Program 55
Assist program offices with posting training materials to LOTTIS, (Library of TACOM Training Information Site), a Common Access Card (CAC)-enabled website that allows Marines to download Marine Corps unit-level operator and maintainer equipment-related training materials.

APPENDIX

Appendix A: Phone List 56

MESSAGE FROM AC ALPS

Welcome to the Products and Services Catalog for Marine Corps Systems Command (MCSC), Assistant Commander for Acquisition Logistics and Product Support (AC ALPS)!

AC ALPS serves as the Marine Corps' principal agent for all life cycle logisticians, enterprise integration, and is MCSC's principal agent for logistics human resources; acquisition decision assessment; policy; processes; tools; training; and integrated product support element services.

Our goal is to enable the Program Managers (PMs) to design, produce, field, sustain, and dispose of the Marine Corps' portfolio of ground weapon systems.

AC ALPS Products and Services Catalog provides a knowledge management tool for personnel both internal and external to MCSC. This tool is put in place to enable our customers and employees to readily access information, link to other related sources, and contact an AC ALPS Subject Matter Expert – all at the click of the mouse.

Feedback is welcomed on any and all aspects of our Products and Services Catalog. To provide feedback, please contact our Operations Section at (703) 432-3852 / (703) 432-3938 or email us at : acalps.p&sipt@usmc.mil

PURPOSE

The purpose of this catalog is to provide a "one-stop shop" for you, our valued internal and external customer, to maintain awareness of the products and services AC ALPS provides. Our goal is to provide details on our new organizational structure including points of contact, relevant policies, training, and tools.

The catalog is formatted in alphabetical order by product/service. Each product/service includes:

- the mission area in our organizational structure it is assigned to
- a point of contact
- a short description with intent
- relevant polices
- references where additional information can be found*
- tools and templates that may help you better perform your job*

Products and services are depicted with the following icons:

Product Service

We have included a section where you can find additional training on each product/service. Government employees can find the listing of AC ALPS Training Courses, including dates and locations, on VIPER (https://mcscviper.usmc.mil/Pages/VIPER.aspx) Select the "AC ALPS Training Calendar" in the "All Hands Messages" section.

The Table of Contents includes a short description to allow you to navigate quickly to a desired product/service by clicking on the name or description.

*Please note some references and tools are available to only Marine Corps Systems Command personnel. Some of the sites are permission based.

MISSION

To serve as the Marine Corps' principal agent for all life cycle logisticians, enterprise integration and the Command's principal agent for logistics human resources; acquisition decision assessment; policy; processes; tools; training; and integrated product support element services which enable the Program Managers (PMs) to design, produce, field, sustain, and dispose of our portfolio of systems.

VISION

To be the known source within the Marine Corps for innovative team players who provide quality logistics solutions that are valued in equipment portfolio supportability design, planning, and sustainment in the field of "expeditionary warfighting capability". We will innovate, streamline, and work cooperatively toward tailored solutions and capabilities that exceed the warfighter's expectations.

Our Priorities

Teamwork

To fulfill the priorities of **OSD, CMC, ASN RDA,** and our **Commander** in a manner that successfully integrates with the goals and objectives of other functional entities of our Command and the USMC enterprise with the ultimate goal of fielding and supporting our equipment portfolios in a manner that exceeds all customer expectations.

Work Environment

To cultivate a workplace for our Marine Corps logistic workforce where **trust, respect for each other, professional reliability,** and **cooperation** are valued and practiced elements by all levels of our logistics workforce. A workplace where we can be counted on to do what we say, and say what we do.

Our Workforce

In concert with the execution of an enterprise level human resource strategy, develop our logisticians into **ethical, accountable, practiced, thinking,** strategic leaders through combinations of program; experiential; staff; mentor, and professional rotation experiences which results in the knowledge to design the most operationally effective product support strategies within all established timelines. An end state where we have an **adaptable workforce** that accepts challenges and moves into collaborative formations to team toward world class resolutions is the ultimate goal.

Modernize and Streamline

Pursue modernization investment in management processes so that logistics and equipment customer support are executed in a manner that enables a **strong customer voice** and enables **enterprise visibility** into all elements of logistics posturing, resulting in effectiveness, efficiency, and proactive decision-making. Streamline and tailor at all junctures so that our limited resources go toward **supporting our warfighter** instead of administrative cost.

How will we uphold those priorities?

Being onsite and available to our customer base

Critical Thinking - everyday

Use of Analytics

Open and Consistent Communication

Apply our capabilities in a deliberate acquisition environment

Mission Areas

To better serve our customers and support our Integrated Product Teams (IPTs), AC ALPS has reorganized into 5 mission areas, each with a respective division head. A snapshot of each mission area with the type of work the area supports is provided below. Appendix A lists each mission area with a point of contact (POC) and the products and services listed in this Products/Services Catalog.

Capabilities Planning and Product Support Management Division

- Product support and sustainment requirements are addressed as part of the requirements transition process
- Analytical products and services to predict, model, forecast, measure, and assess system performance over the life cycle
- Integrated Product Support Elements that influence the design of the system for supportability
- Support and enhance Enterprise Ground Equipment Management throughout the Marine Corps
- Systems Operational Effectiveness Studies
- Life Cycle Logistics Readiness Predictive Modeling
- Logistics Requirements Funding Summary
- Reliability Centered Maintenance
- Readiness Trend Analyses
- Post fielding assessments and analyses

Competency Management

- Provide management and supervisory support at the competency level
- Manage competency training including hosted logistics and soft skill training events, nominations for Employee Leadership Development, HQMC, DON and DoD sponsored training, and funding tuition for degree programs
- Process Logistics Competency nominations and selections for MCSC, HQMC, ASN RDA, and OSD awards
- Manage Navy Acquisition Development Program Logistics Entry Level Employee hiring, development, and placement
- Representative to OSD Logistics Functional IPT
- Manage supply and demand for logistics workforce personnel through negotiations with PMs and APMLs
- Apply Manage-to-Payroll for the logistics workforce
- Manage hiring actions and VERA/VSIP for logistics workforce

Life Cycle Logistics Integration and Assessments Division

- IPS elements that provide products to the System Product Support Package
- Processes, policies, and tools associated with execution of the IPS elements
- Processes, policies, and tools associated with execution of the IPS elements that produce maintenance plans, supply support, support and test equipment, technical data and publications, manpower, personnel, training, facilities, packaging, handling, storage, and transportation, and computer/software support
- Independent Logistics Assessments (ILA)

Life Cycle Logistics Data Management Division

- Develop, implement, and administer a life cycle data management construct within MCSC
- Command's Logistics Data Functional Manager
- Quarterly Readiness Report to Congress
- Readiness of Enterprise Acquisition Data Symposium (READ)
- Financial Improvement and Audit Readiness (FIAR)
- USMC Center for Sustainment Metrics studies and analysis
- Asset Management
- IUID Champion
- 1st/2nd Destination Transportation

Operating Forces Support Division

- MCSC's primary external enterprise interface and internal point of entry for the warfighter and key stakeholders
- Capture metrics on response times, recurring or systemic problems, and ensuring customer satisfaction
- Interface with multiple competencies on life cycle management of systems in sustainment
- Technical guidance and support to customers and stakeholders making inquiries
- Operational Reports and metrics on trouble calls (e.g. Category, Quantity, Organization, Timeliness of response, etc.)

Products & Services

Assistant Program Manager / Assistant Program Executive Officer – Life Cycle Logistics

MISSION AREA
Competency Management

POC
Logistics Competency Manager
(703) 432-3792

INTENT
The APM/APEO-LCL assists the Logistics Competency and PM/PEO with management of logistics workforce, policies, processes, training and tools necessary to deliver products and services to the warfighter.

DESCRIPTION
APM/ APEO-LCL authorities are established by Marine Corps Systems Command Orders and generally include:

- Providing the PM/PEOs and IPT Leaders with expert Competency advice and insight, integrating and coordinating across all respective Competency elements and resolving issues at the lowest level.
- Representing their Competency as a senior representative and SME during PEO/PM critical reviews, reviewing and approving key documentation as appropriate, coordinating with external agencies in DON and DoD as appropriate.
- Collaborating with other APEOs/APMs and Competency staff to facilitate and execute Milestone Assessment Team reviews as required.
- Providing advice and expertise to the PEO/PM and their Competency leadership and interacting with the programs they support on a regular basis to remain aware of issues and requirements.
- Communicating and collaborating with their Competency to ensure adequate staffing, subject matter expertise, and proper execution of their Competency's policies and work processes.
- Recommending improvements to Competency processes, policies, and guidance, and leveraging lessons learned.
- Communicating the need for non-organic technical support and coordinating that support with the PM/IPT Leader and the Competency.

REFERENCES/WEBSITES

- **VIPER Competency Aligned Organization Knowledge Center**
  https://mcscviper.usmc.mil/sites/kc/CAOKC/

Computer Resources Technical Assistance

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Computer Resources Lead
(703) 432-3864

INTENT
To support the program teams as they plan and execute program plans for Computer Resources and Cyber Technologies to include supply chain risk management by providing consultations and coordinating with internal and external stakeholders. Also provides technical assessment and approval of Information Support Plans for MCSC and PEO programs.

DESCRIPTION
Provides domain specific consultations to the MCSC and PEO program teams to support Computer Resources planning and documentation.

POLICY

- **CJCSI 6212.01F, Interoperability and Supportability of Information Technology and National Security Systems**
- **DCIO Memo September 28, 2005, Department of Defense (DoD) Information Technology (IT) Merger into the DoD IT Portfolio Repository (DITPR)**
- **DoD Instruction 8320.02, Sharing Data, Information, And Technology (IT) Services In The Department Of Defense**
- **DoD Directive 5250.01, Management of Intelligence Mission Data in DoD Acquisition**
- **DoD Directive 7045.20, Capability Portfolio Management**
- **DoD Instruction 8500.01, Cybersecurity**
- **DoD Instruction 4650.01, Policy and Procedures for Management and Use of the Electromagnetic Spectrum**
- **DoD Instruction 5000.02, Operation of the Defense Acquisition System, January 07, 2015**
- **DoD Instruction 8510.01, Risk Management Framework (RMF) For DoD Information Technology**
- **DoD Instruction 8580.1 Information Assurance (IA) In the Defense Acquisition System**
- **Secretary of the Navy (SECNAV) Instruction 5000.2E, Implementation and Operation of the Defense Acquisition System**
- **DoD Instruction 8330.01, Interoperability of Information Technology (IT), Including National Security Systems (NSS)**

TOOLS

- **DoDAF v2.02 Department of Defense Architecture Framework**

Corrosion Prevention and Control Program

MISSION AREA
Capabilities Planning and Product Support Management Division

POC
CPAC Operations and Sustainment Manager
(703) 432-5388

INTENT
Maintain a balance of products, technology, certified personnel, and infrastructure to deliver reliable and effective corrosion prevention and control services to the Operating Forces. Provide oversight and governance to support the Corrosion Repair Facilities and Corrosion Service Teams across the Marine Corps. Additionally, provide support to the MCSC and PEO LS PMs throughout the acquisition and product life cycle.

CPAC Program Office is responsible for the governance, management, and execution to meet Marine Air Ground Task Force (MAGTF) and program objectives.

DESCRIPTION
The Consolidated Corrosion Prevention and Control (CPAC) Program provides a comprehensive approach to extend the useful life of Marine Corps tactical ground and ground support equipment. The CPAC Program Office is responsible for the governance, oversight, and management of both preventive and corrective corrosion control encompassing Acquisition Engineering, Material Development. The CPAC Program Office also funds the Corrosion Service Teams and Corrosion Repair Facility activities that support the operating forces and supporting establishments. The Consolidated CPAC Program provides a total life cycle solution focused on Total Ownership Cost reduction and improved readiness.

POLICY

- **CPAC Program Office fulfills Office of Secretary of Defense' (OSD) corrosion requirements enacted by Public Law 110-417**
- **Marine Corps Order (MCO) 4790.18_ requires the implementation of the Marine Corps CPAC Program Office and assigns management responsibility to MCSC**

REFERENCES

- **Additional information is available at the Marine Corps CPAC website, which is hosted and maintained by the CPAC Program Office**
  http://www.marcorsyscom.marines.mil/ProfessionalStaff/ACALPS/CPAC.aspx

Ongoing CPAC Efforts

Department of Defense Activity Address Code

MISSION AREA
Life Cycle Logistics Data Management

POC
DoDAAC Lead
(703) 432-3834

INTENT
The intent is to facilitate accountability of equipment and materials received into the Marine Corps inventory.

DESCRIPTION
The MAJCOM Marine Corps Systems Command (MCSC) Department of Defense Activity Address Code (DoDAAC) Monitor receives, reviews, and approves/disapproves DoDAAC requests (additions, changes, and deletions) initiated by MCSC/PEO LS Program Offices. This function is also the focal point for annual validation of all DoDAAC accounts within the Command (except contractor accounts).

The DoDAAC Lead provides verification of contract documentation for DoDAACs requested by the Program Management Offices (PMOs) prior to submission to the LOGCOM Management Control Activity (MCA) or HQMC I&L, as well as guidebook development and training.

REFERENCES

- **HQMC Working Group releases periodic taskers or Naval messages**

TOOLS

- **DODAAC Procedures Guide: NAVMC 11718 (Rev. 01-13) (EF) for DoDAAC/RIC Request**
- **AC ALPS Knowledge Center Government Property**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Enabling/GP/DoDAAC/SitePages/Home.aspx

Design Interface

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Design Interface Lead
(703) 432-3783

INTENT
The ultimate goal is to DESIGN for SUPPORTABILITY. Serves as the AC ALPS SME for the Integrated Product Support Element (IPSE) Design Interface (DI) for all MCSC Logisticians. The objective of the Design Interface IPS Element is to participate in the systems engineering process to impact the design from its inception throughout the life cycle, facilitating supportability to maximize the availability, effectiveness, and capability of the system at the lowest Total Ownership Cost (TOC). (Source: DoD Product Support Manager (PSM) Guidebook, Appendix A)

DESCRIPTION
A process is generated from IPT feedback that identifies the roles and responsibilities covered by all Stakeholders. The Sustainment Metrics established by Joint Staff 3170.01I include Material Reliability (KPP), Materiel Availability (KPP), lower Ownership (Operating and Support) Costs (KSA), and decreased Mean Down Time (MDT) and are used to develop the Product Support Strategy.

According to DoDI 5000.02, January 7, 2015, the Independent Logistics Assessment (ILA) is statutory for all weapon system Major Defense Acquisition Programs (MDAPs). Support Equipment, Design Interface and Sustaining Engineering are Integrated Product Support Elements that comprise a portion of the ILA process.

Products and Services:
- Conduct training for Program Management (PM)/Product Management (PdM) teams in preparation of their event involving Design Interface.
- Provide subject matter expertise support for Design Interface.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of Design Interface.

Design Interface encompasses Reliability, Maintainability, Supportability, Integrated Product Support Elements, Affordability, Configuration Management, Safety Requirements, Environmental and HAZMAT Requirements, Human Systems Integration, Anti-Tamper, Habitability, Disposal, and Legal Requirements.

POLICY

- **DoD Instruction 5000.02, Operation of the Defense Acquisition System, 07 Jan 2015**
  http://www.dtic.mil/whs/directives/corres/pdf/500002p.pdf
- **CJCS Instruction 3170.01I, Operation of the Joint Capabilities Integration and Development System**
  https://dap.dau.mil/policy/Documents/2015/CJCSI_3170_01I.pdf
- **CJCSI 6212.01E, Interoperability and Supportability of Information Technology and National Security Systems**
  http://jitc.fhu.disa.mil/jitc_dri/pdfs/6212_01.pdf
- **Reliability, Availability, Maintainability-Cost (RAM-C) Report Manual**
  https://acc.dau.mil/CommunityBrowser.aspx?id=378147&lang=en-US
- **ASTM F1166, Standard Practice for Human Engineering Design for Marine Systems, Equipment, and Facilities**
  http://www.astm.org/Standards/F1166.htm

REFERENCE

- **Acquisition Community Connection:**
  https://acc.dau.mil/CommunityBrowser.aspx?id=661804&lang=en-US

TRAINING

- **Design Interface/Sustaining Engineering Process Course**
- **Design Interface/Sustaining Engineering Brown Bag**
- **CLE 011: Modeling and Simulation for Systems Engineering**
- **CLL 003: Supportability Test and Evaluation**
- **CLL 201: Diminishing Manufacturing Sources and Materiel Shortages (DMSMS) Fundamentals**
- **CLL 203: DMSMS Essentials**
- **CLL 204: DMSMS Case Studies**
- **CLL 205: DMSMS for Technical Professionals**
- **CLL 206: Introduction to Parts Management**

TOOLS

- **Design Interface/Sustaining Engineering AC ALPS SharePoint Portal**
  https://mcscviper.usmc.mil/sites/alps/aclcl/DI%20SusEng/SitePages/Home.aspx?RootFolder=%2Fsites%2Falps%2Faclcl%2FDI%20SusEng%2FShared%20Documents%2FDI%20Working%20Documents%2FMeeting%20Minutes%20and%20Agendas&FolderCTID=0x01200057F03C706A132D4BA2DC9CF9185D5EFC&View={ADED6389-D236-4EA0-9BC0-3785390DAEC1}
- **The Defense Standardization Program Website for policy and implementation guidance**
- https://www.dsp.dla.mil/APP_UIL/displayPage.aspx?action=content&contentid=66
- **MIL-STD-3018, "Parts Management"**
  http://www.dscc.dla.mil/downloads/psmc/documents/MIL_STD_3018.pdf
- **MIL-HDBK-189B, Reliability Growth Diagrams**
  http://www.amsaa.army.mil/Documents/MIL-HDBK-189C.pdf
- **SD-22, Department of Defense (DoD) Diminishing Manufacturing Sources and Material Shortages (DMSMS) Guidebook**
  http://www.acq.osd.mil/dpap/paic/attachments/DoD%20DMSMS%20Guidebook%204-7-05.pdf

Disposal Process Oversight and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Disposal Process Lead
(703) 432-3789

INTENT
The Disposal Plan (DP) documents the PM/ PdM strategy for formulating, implementing, and executing the disposal of a system in accordance with all legal and regulatory requirements and policy relating to safety, security, and the environment. The DP addresses the disposal of both the Principle End Item (PEI) and all requisite Integrated Product Support Elements (IPSE) and the removal of associated equipment from the life cycle management files, inventory, and supply systems.

DESCRIPTION
The DP is a program management document that aligns with Total Life Cycle Systems Management responsibilities describing the approach to dispose a weapon system at the end of its useful life or as deemed by higher headquarters.

Services/Products:
- Conduct training for PM/PdM teams in preparation of a Disposal event.
- Provide subject matter expertise support for Disposal.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of Disposal compliance.

POLICY
- **DoDI 5000.02, Operation of the Defense Acquisition System**
- **SECNAVINST 5000.2E, Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System**
- **MCSC O XXXXX, MCSC Disposal Planning Process (DRAFT)**

TOOLS
- **AC ALPS Knowledge Center: Disposal Planning Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Enabling/disposal/

Enterprise Life Cycle Maintenance Program

MISSION AREA
Capabilities Planning and Product Support Management Division

POC
ELMP Coordinator
(703) 432-4050 / (703) 432-3938

INTENT
The ELMP program has visibility at the highest levels within every element of the Enterprise and requires continuous communication between all stakeholders to ensure that timelines are properly met in order to properly budget, plan, and schedule depot workloads.

DESCRIPTION
ELMP is designed to plan, program, coordinate, and execute depot maintenance requirements. Proper planning is required to ensure the alignment of depot maintenance, program management, and operational requirements for ground weapon systems. AC ALPS provides oversight, guidance, and coordination between program offices and Marine Corps Logistics Command in reference to all aspects of the ELMP program. This includes Statements of Work (SOW) development, training, Unserviceable Returns Planning (URP), requirements development, and Continuous Process Improvements (CPI).

POLICY

- **MCO 4790.2, Ground Equipment Maintenance Program (GEMP)**

REFERENCES

- **MCO 4790.24 Enterprise Life Cycle Maintenance Program (ELMP)**

TRAINING

- **IRT ELMP Planning and Execution is located on the ELMP Process Site**
  https://eis.usmc.mil/sites/wsmc/elmp/SitePages/ELMP_Process_Site.aspx

TOOLS

- **AC ALPS SharePoint: ELMP**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/ELMP/SitePages/Home.aspx

Equipment Specialist Resources Sharepoint

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Sustainment Integration Team Lead
(229) 639-7256

INTENT
To provide the Equipment Specialist (ES) workforce with a tool that contains multiple links and resources in one place. This will reduce research time and increase commonality throughout the workforce by referencing and sharing data that is common to all Program Offices.

DESCRIPTION
Services/Products:

- Copy of all training materials for the ES workforce.
- Job aides for the ES workforce.
- Training calendar for the ES workforce.
- Directives, orders and standards commonly used by the ES workforce.
- Commonly used forms for the ES workforce.
- Reference material for the ES workforce.
- Quick links to websites and tools commonly used by the ES workforce.

TOOLS

- **Equipment Specialist Resources SharePoint**
  https://mcscviper.usmc.mil/sites/acalps/ESResource/default.aspx

Equipment Specialist Workshop Training

MISSION AREA
Life Cycle Logistics Integration and Assessments Division Lead

POC
Sustainment Integration Team
(229) 639-7256

INTENT
Life Cycle Supply Support (LCSS) and Initial Issue Provisioning (IIP) are comprehensive processes written at the overview level. The ES workshops are used to provide detailed training on specific areas of supply support and provisioning.

DESCRIPTION
Services/Products: Provide training to effectively conduct/participate in:
- Provisioning Planning Conferences.
- Provisioning Guidance Conferences.
- Provisioning Conferences.
- Provisioning Project Activations and Closures.

POLICY
- **DoDI 5000.02, Operation of the Defense Acquisition System, 7 January 2015**
- **DoD 5000.2, Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) Acquisition Programs**
- **MCO 4400.79, Provisioning Policy**
- **SECNAVINST 4410.23, Joint Regulation Governing the Use and Application of Uniform Source, Maintenance, and Recoverability Codes**
- **DoD 4100.39M, Federal Logistics Information System (FLIS) Procedures Manual**

TOOLS
- **AC ALPS Knowledge Center: Life Cycle Supply Support Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/supply/default.aspx
- **IPS Element Guidebook**
  https://acc.dau.mil/ips-guidebook
- **Product Support Manager Guidebook**
  https://acc.dau.mil/psm-guidebook
- **GEIA-STD-0007 – Logistics Product Data**
- **GEIA-HB-0007 – Logistics Product Data Handbook**

Facilities Planning Process Oversight and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Facilities Lead
(703) 432-3789

INTENT
The Facilities Planning Process documents the Program Manager's (PM)/ Product Manager (PdM) strategy for formulating, implementing, and executing the Facilities Planning Process for the support of a system/equipment at the planned MC installations.

DESCRIPTION
Facilities Planning is a program management process that aligns with the Total Life Cycle Systems Management responsibilities, describing the approach for planning new facilities or upgrades of existing facilities in support of a weapon system/equipment.

Services/Products:
- Conduct training for PM/PdM teams in preparation of a Facilities Planning event.
- Provide Subject Matter Expert (SME) support for Facilities Planning Events.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of Facilities Planning.

POLICY
- **DoDI 5000.02**
- **SECNAVINST 5000.2E, Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System**
- **MCSC O XXXXX, MCSC Military Construction (DRAFT)**

TOOLS
- **AC ALPS Knowledge Center: Disposal Planning Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/facilities/default.aspx

Fielding Process Oversight and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Fielding Lead
(703) 432-3789

INTENT
Fielding is the process of initially deploying and transferring weapon systems or equipment from the acquisition organization to the Marine Forces (MARFORs). The Fielding Plan is a management document which provides specific information to gaining organizations concerning the fielding and follow-on support of new equipment, including: schedules, procedures, shipping and processing, acceptance requirements, and sustainment planning and execution.

DESCRIPTION
The MCSC Fielding Process was developed to standardize Command-wide Fielding guidance for all Marine Corps Acquisition Category (ACAT) Programs; improve communication and coordination between all stakeholders; and establish the Fielding Plan Template and Formal Fielding Decision to ensure fielded systems are safe, operate as designed, and are logistically supportable before deploying and transferring systems or equipment from the acquisition organization to the operating forces.

Services/Products:
- Conduct training for PM/PdM teams in preparation of a Fielding event.
- Provide subject matter expertise for Fielding events.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of Fielding compliance.

POLICY
- **DoD 5000.2**
- **SECNAVINST 5000.2_, Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System**
- **SECNAVINST 5400.15, Research And Development, Acquisition, Associated Life Cycle Management, And Logistics Responsibilities And Accountability**
- **MCO 5000.23, Policy For The Fielding Of Ground Weapon Systems And Equipment**
- **MCSC O 4105.10, MCSC Fielding Decision and Process**

TRAINING
- **AC ALPS quarterly training**

TOOLS
- **AC ALPS Knowledge Center: Fielding Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Enabling/fielding/default.aspx

Financial Improvement Audit Readiness

MISSION AREA
Life Cycle Logistics Data Management Division

POC
FIAR Lead
(703) 432-3521

INTENT
Support efforts to achieve audit readiness assurance. Preparation for an external audit requires disciplined and sustainable practices by placing all processes and controls, not just financial, under close scrutiny. These efforts will be coordinated and executed to ensure the Marine Corps can reasonably account for all mission critical assets.

DESCRIPTION
National Defense Authorization Act of 2010 established the requirement to achieve auditability. The Department of Defense (DoD) is committed to achieving its audit readiness goals. To ensure MCSC and PEO LS meet the Statement of Budgetary Resources (SBR) audit readiness goal or "Clean Audit Opinion," the workforce must provide accurate and reliable documentation on assets procured and show internal controls on processes of how assets were procured and maintained on behalf of the USMC. The AC ALPS FIAR Lead is the POC between HQMC and MCSC/PEO-LS for disseminating and responding to tasking, managing, and monitoring target dates prescribed by HQMC I&L to ensure compliance with the established FIAR governance process.

FIAR Process

REFERENCES

- **CG Endorsed Policy 2014 - MCSCO 7320.1 Implementations of Financial Improvement Audit Readiness Objectives Pertaining to Military Equipment Existence, Completeness and Valuation**
- **Audit Readiness Guidebook v8 - Marine Corps Systems Command Military Equipment (ME) Existence and Completeness (E&C) Audit Readiness Guidebook**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Financial%20Improvement%20and%20Audit%20Readiness%20FIAR/Forms/AllItems.aspx
- http://www.marines.mil/News/Messages/MessagesDisplay/tabid/13286/Article/172049/deputy-commandant-installations-and-logistics-internal-controls-and-audit-readi.aspx

TRAINING

- **Defense Property Accountability System (DPAS) training**
  https://dpassupport.golearnportal.org

TOOLS

- **FIAR Knowledge Center**
  https://mcscviper.usmc.mil/sites/FIAR/SitePages/Home.aspx
- http://comptroller.defense.gov/Portals/45/documents/fiar/FIAR_Plan_November_2013.pdf

First Destination Transportation and Second Destination Transportation

MISSION AREA
Life Cycle Logistics Data Management

POC
FDT/SDT Lead
(703) 432-3834

INTENT
AC ALPS assists the PMOs by assigning First Destination Transportation (FDT) transportation account codes (TAC) as required and assisting with the Second Destination Transportation (SDT) TACs annual budget requests via MCATS Tasker from HQMC. Provides advice and support to program logisticians. The intent of the MCO 4610.37F is to effectively process the transportation and payment for movement of Marine Corps materiel and/or Marine Corps Sponsored Shipments.

DESCRIPTION
FDT Transportation Account Codes (TAC) for Government Property transfers are assigned by AC ALPS in coordination with Defense Finance Management (DFM) Competency. The FDT/SDT Lead:

- Coordinates the PMO Second Destination Transportation (SDT) funding requirements with Headquarters Marine Corps (LPD).
- Develops MCSC transportation guidebook and training.
- Addresses TAC assignments and validations.
- Coordinates the reconciling of FDT/SDT funding

POLICY

- **MCO 4610.37F provides guidance for Marine Corps Transportation Account Codes (TAC)**
  http://www.marines.mil/Portals/59/MCO%204610.37F.pdf
- **MCSC Order 4610 (DRAFT), First and Second Destination Transportation. Anticipate completion by Late FY15**

TOOLS

- **Specific and most up to date TACs with program descriptions**
  https://www.distribute.mil
- **AC ALPS Knowledge Center: Transportation Cost Reconciliation Guide Final**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Enabling/GP/Guidebooks%20Templates%20%20Tools/Forms/AllItems.aspx

Government Property

MISSION AREA
Life Cycle Logistics Data Management Division

POC
Government Property Lead
(703) 432-3834

INTENT
Maintain accountability of Government Property (GP) throughout the life cycle whether it's in the possession of a Government entity or a contractor, in order to be good stewards of taxpayer dollars.

DESCRIPTION
The Government Property (GP) AC ALPS SME provides guidance, policy, and procedures for Government Furnished Property and related transfers to the Program Management Offices in support of Research, Development, Test and Evaluation efforts and Enterprise assets. GP transfers include review of DoDAACs for MCSC and contractor DoDAAC requests pertaining to acquisition and shipment of GP. GP transfers require both First Destination Transportation Account Code assignment and review of Second Destination Transportation funding requirements as well as guidebook development and training.

REFERENCES/WEBSITES

- **MCO 4610.37F provides guidance for Marine Corps Transportation Account Codes (TAC)**
  http://www.marines.mil/Portals/59/MCO%204610.37F.pdf
- **Property and Equipment Policy Office, OUSD Acquisitions Technology & Logistics provides guidance for property accountability, policy, and audit readiness**
  http://www.acq.osd.mil/pepolicy/accountability/accountability_policy.html

TOOLS

- **Defense Procurement and Acquisition Policy (DPAP), provides policy, documents, and guides for providing Government Property to contractors**
  http://www.acq.osd.mil/dpap/pdi/gfp/index.html

Human Capital Resource Management

MISSION AREA
Competency Management

POC
Logistics Competency Manager
(703) 432-3792

INTENT
Human Capital Resource Management products and services support strategic and ongoing sourcing of qualified logistics acquisition personnel.

DESCRIPTION
PRODUCT: MCSC Logistics Competency Strategic Plan (5 YR)
Prepare and update this plan document that summarizes the strategic planning assumptions, analysis, estimates, and risks for the MCSC Logistics workforce for a 5 year window.

SERVICE: Manage-to-Payroll
Support MCSC compliance with Marine Corps MTP policy as it impacts the Logistics Competency to include (1) Position Management (structure, career path, supervisory positions, etc.); (2) Workforce Shaping (Retirements, Early Retirements, Separation Incentives, etc.); and (3) Compensation Management (Salary, Overtime, Permanent Change of Duty Stations, Recruitment, Retention and Relocation Bonuses, Awards, etc.).

SERVICE: Hiring Actions
Manage PM / Staff requests to hire

SERVICE: Personnel Assignment
Manage MCSC process for personnel (re)assignment within the Logistics Competency in support of the PMs and Staff requirements; this includes negotiations between PMs and the Logistics Competency throughout the Command Planning and Resource Allocation (CPRA) process and employee initiated requests for reassignment such as the Personnel Exchange Program (PEP).

SERVICE: Workforce Analysis
Establish and monitor metrics to inform Logistics workforce decisions; this includes studies and analysis to support manpower estimates, determinations on inherently governmental work, manpower mix decisions, workload estimates, task analysis, and position audits.

SERVICE: Entry Level Employee (ELE) / Pathways Intern / Wounded Warrior
Navy Acquisition Development Program (NADP) provides an opportunity for entry level employees to develop into highly skilled professionals to meet the Department of the Navy (DON) acquisition workforce requirements. Employees in developmental programs receive pay and benefits while they learn and are placed in the workforce upon graduation.

REFERENCES

- **MCSC Competency Aligned Organization Concept of Operations**

TOOLS

- **Command Planning & Resource Allocation Process Knowledge Center (Request Access)**
  https://mcscviper.usmc.mil/sites/kc/CSPSKC/default.aspx
- **Appendix 1 DoD Strategic Human Capital Plan Update, The Defense Acquisition Workforce (April 2010)**
  https://dap.dau.mil/policy/Documents/Policy/DAW%20Report%20To%20Congress%202010.pdf
- **MCSC Strategic Plan**
  http://www.marcorsyscom.marines.mil/AboutUs.aspx
- **Navy Acquisition Development Program (NADP)**
  http://www.secnav.navy.mil/rda/workforce/Pages/NADP/Applicants.aspx

Independent Logistics Assessment Oversight and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
ILA Lead
(703) 432-3789

INTENT
The purpose of an ILA is to facilitate identification and mitigation of supportability risks before these risks negatively and irreversibly impact cost, schedule, performance or life cycle readiness and sustainment of an acquisition program. Proactive analysis, program planning, and total ownership cost reduction strategies must be conducted and in place at initial fielding to enable Marine Corps ground equipment readiness and to achieve approved sustainment metrics.

DESCRIPTION
Department of Defense policy requires the program manager to ensure that system performance, affordability' cost, and schedule are continuously assessed and used as key factors in making program tradeoffs and decisions. It is incumbent upon the Milestone Decision Authority (MDA) to validate that a system will meet established performance requirements as well as total ownership cost targets at major program reviews and milestone decision points. The ILA is the process by which the MDA evaluates the program's readiness, supportability, and maintainability.

Services/Products:
- Conduct, review, and approve of all Command ILAs.
- Conduct training for PM/PdM teams in preparation of an upcoming ILA event.
- Provide subject matter expertise support for ILA implementation.
- ILA Quarterly Training provided by AC ALPS.
- Provide ILA inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of ILA compliance.

POLICY
- **SECNAVINST 4105, Independent Logistics Assessment (ILA)**
- **SECNAVINST 5000.02E, Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System**
- **SECNAVINST 5400.15, Research And Development, Acquisition, Associated Life Cycle Management, And Logistics Responsibilities And Accountability**
- **MCSC Order 4105, Independent Logistics Assessment (ILA) Process**
- **NAVSO P-3692, Navy ILA Handbook, September 2012**
- **MCSC O 4105, Marine Corps Systems Command Independent Logistics Assessment Process, 6 May 2014**
- **MCSC ILA Checklist**

TOOLS
- **AC ALPS Knowledge Center: ILA**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/ILA/default.aspx
- **DoD Logistics Assessment Guidebook, July 2011**
- **MCSC ILA HDBK May 2015**

Initial Issue Provisioning Training and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Sustainment Integration Team Lead
(229) 639-7256

INTENT
The IIP process is a comprehensive overview which identifies the stakeholders, process flow, activities, and mechanisms for IIP. This process will provide the student with sufficient knowledge to participate effectively in the provisioning of new weapons systems. The training materials consist of: a full process map, activity block narratives, PowerPoint presentation, glossary, and an acronym list, all of which are posted to the AC ALPS Knowledge Center on VIPER.

DESCRIPTION
Services/Products:
- Conduct training for PM/PdM teams and Marine Corps Logistics Command (LOGCOM).
- Provide direct support and subject matter expertise to all stakeholders in the IIP process.
- Review and provide comments on Statements of Work (SOW), Life Cycle Sustainment Plans (LCSP), and other programmatic documents with provisioning requirements.
- Assist program personnel with review of provisioning deliverables and troubleshooting the provisioning systems.

POLICY
- **DoDI 5000.02, Operation of the Defense Acquisition System - 7 January 2015**
- **DoD 5000.2, Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) Acquisition Programs**
- **MCO 4400.79, Provisioning Policy**
- **DOD 4140.1-R, DoD Supply Chain Materiel Management Regulation**

TRAINING
- **AC ALPS Sponsored Training**

TOOLS
- **AC ALPS Knowledge Center: Life Cycle Supply Support Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/supply/default.aspx
- **IPS Element Guidebook**
  https://acc.dau.mil/ips-guidebook
- **Product Support Manager Guidebook**
  https://acc.dau.mil/psm-guidebook

Item Unique Identification Oversight and Support

MISSION AREA
Life Cycle Logistics Data Management Division

POC
IUID Lead
(703) 432-3795

INTENT
Item Unique Identification (IUID) is mandated for all new item acquisitions, items the government already owns, and GFP meeting the criteria identified in the by DFAR 211-274-2. Products and services are applicable to the PMs and PdMs.

IUID compliance occurs on several fronts including new acquisitions, rapid acquisitions, legacy items in the Marine Forces (MARFORs) and Supporting Establishments, within Maritime and Geographic Prepositioning programs, logistics chain at depot-level activities to include Enterprise Life Cycle Maintenance Program (ELMP), Reparable Issue Points (RIPs), Garrison Property (including Garrison Mobile Equipment), and in-stores.

Services offered are guidance on implementation of the IUID process and reporting metrics. Products are standardized tools and templates to develop required documentation and reports.

DESCRIPTION
IUID Oversight and Support is a system of assigning, reporting, and marking Department of Defense (DoD) property with Unique Item Identifiers (UIIs) that have machine-readable data elements to distinguish and item from all other like and unlike items. IUID is a regulatory requirement as identified in Defense Federal Acquisition Regulations (DFAR) 211-274-2.

Services/Products:
- Review and approve of all initial IUID implementation plans.
- Coordinate with PMs/PdMs for reporting of IUID implementation plan compliance and Depot Statement of Work (SOW) compliance.
- Provide guidance and support for IUID implementation.
- Perform IUID reviews during Technical Reviews and Independent Logistics Assessments (ILAs) as required.
- Provide appropriate documentation, templates, and training to the PMs/PdMs in support of IUID compliance.
- Provide MCSC IUID Quarterly Scorecard reporting as required to the Command and higher headquarters.

POLICY
- **DoD Instruction 8320.04, Item Unique Identification (IUID) Standards for Tangible Personal Property, June 16, 2008**
- **SECNAVINST 4440.34, Implementation of Item Unique Identification (IUID) Within the Department of the Navy, December 22, 2009**
- **MCO 4410.28, Item Unique Identification (IUID) of Ground Equipment, February 1, 2010**
- **MIL-STD-130N, Identification Marking of U.S. Military Property, December 17, 2007**
- **Defense Federal Acquisition Regulation Supplement, Part 252.211.7003, Item Identification and Valuation, December 2013**
- **MCSC O 4440.34 (DRAFT)**

REFERENCES
- **Assistant Secretary of the Navy, Research, Development & Acquisition, IUID website**
  http://www.secnav.navy.mil/rda/OneSource/Pages/IUID.aspx
- **USMC**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IUID/Shared%20Documents/Forms/AllItems.aspx
- **DPAP**
  http://www.acq.osd.mil/dpap/pdi/uid/index.html go to toolbox;
  http://www.acq.osd.mil/log/mpp/UID_maintenance.html

TRAINING

- **Request training through IUID Champion**
- **DAU**
- **CRNA-IUID Training Series provided by DoD**
- **AC ALPS Brown Bag Training. Information is distributed via e-mail and VIPER**
- **Computer Based Training available on AC ALPS Knowledge Center**

TOOLS

- **AC ALPS IUID Knowledge Center: IUID**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IUID/default.aspx
- **MCSC IUID Guidebook AC ALPS-GDBK-001, November 24, 2014**
- **The Defense Procurement and Acquisition Policy website (leads to IUID toolbox)**
  http://www.acq.osd.mil/dpap/pdi/uid/index.html

Life Cycle Sustainment Planning Oversight and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
LCSP Lead/SME
(703) 432-3789

INTENT
The Life Cycle Sustainment Plan (LCSP) is an evolutionary management document describing the program's approach to achieve a flexible, performance-oriented product support capability. The plan documents the PM's strategy for formulating, implementing, and executing the sustainment approach so the system's design, as well as the development of the product support package, are integrated and contribute to the Warfighter's mission requirements. This living document describes the approach and resources necessary to develop and integrate the program's requirements into the development, test and evaluation, fielding and operations of systems/equipment.

DESCRIPTION
The LCSP is the Program's primary management tool to satisfy the Warfighter's sustainment requirements through the delivery of a product support package. Development of a life cycle product support strategy and plan are critical steps in the delivery of the product support package and they document life cycle logistics' influence on the system's design. The LCSP remains an active management tool throughout the operation and sustainment of the system. The Program must create the initial LCSP prior to Milestone B and periodically update the plan to ensure sustainment performance continues to satisfy the Warfighter's needs.

Programs should update the LCSP as needed. When the sustainment strategy or operating environments change, the Logistician should update the LCSP for any Post-Initial Operational Capability Sustainment Reviews. Updates are required at a minimum of every 5 years. The LCSP should also be approved when:

Subsequent increments are approved and funded to reflect how the support strategy will evolve to support multiple configurations.

Significant changes are required to the product support package to achieve the objective sustainment metrics, including major support provider changes.

Services/Products:
- Conduct training for PM/PdM teams in preparation of an LCSP document.
- Provide subject matter expertise support for the LCSP document.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of LCSP compliance.

POLICY
- **DoDI 5000.02, Operation of the Defense Acquisition System, 7 January 2015**
- **SECNAVINST 5000.2E, Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System**
- **SECNAVINST 5400.15, Research And Development, Acquisition, Associated Life Cycle Management, And Logistics Responsibilities And Accountability**
- **MCSC O 4410**
- **MCSC LCSP Order 4410, 18 March 2013**
- **MCSC LCSP Template**

TRAINING
- **AC ALPS Sponsored Training**

TOOLS

- **AC ALPS Knowledge Center**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Enabling/LCSP/default.aspx

Logistics Competency Workforce Development

MISSION AREA
Competency Management

POC
Logistics Competency Manager / Logistics Entry Level Employee (ELE) Coordinator
(703) 432-3792 / (703) 432-3810

INTENT
Emphasizes the education, training, and experience levels required to achieve mastery of the Competency, professionalization, competitiveness, and potential career growth for the Logistics Competency workforce.

DESCRIPTION
PRODUCT: Life Cycle Logistics Professional Development Handbook (LPDH)
LPDH supports the personal and professional career objectives, work performance, and competitive advantages necessary for members of the logistics community of practice to be successful within the Department of Defense's (DoD), Department of the Navy's (DON) and the US Marine Corps (USMC) shared vision regarding the Acquisition Workforce (AWF). Additionally, it serves as an internal roadmap for the development of all MCSC personnel serving in the Life Cycle Logistics (LCL) Competency Domain. Emphasis is placed on the education, training, and experience levels required to achieve mastery of the competency and potential career growth.

SERVICE: Logistics Defense Acquisition Work Experience Evaluations
Competency Manager (CM) evaluates work experience requests to credit logistics months of experience toward DAWIA certification levels.

SERVICE: Personnel Exchange Program (PEP)
PEP is an annual program to offer current NH-III level logistics employees an opportunity to exchange assignments with other employees to gain experience in another commodity area or different ACAT/ AAP level.

SERVICE: Hosted Training Courses for Logistics Personnel
The Logistics Competency Division funds and schedules commercial and government training courses to meet workforce requirements for technical, soft skills, and other professional development.

SERVICE: Leadership Development and Logistics Course Nominations
The Logistics Competency Division manages nominations and funds employee tuition and travel for DoD, DON, HQMC, and MCSC courses.

SERVICE: Award Nominations
The Logistics Competency Division screens and manages nomination packages for DoD, DON, HQMC, and MCSC awards. Administers a portion of the Logistics Competency On-the-Spot and Time-Off Awards.

POLICY

- **Defense Acquisition Workforce Improvement Act (DAWIA)**

REFERENCES

- **Defense Acquisition University (DAU)**
  www.dau.mil
- **Professional Development Handbook**

TRAINING

- **Defense Acquisition University (DAU)**
  www.dau.mil

TOOLS

- **AC ALPS Knowledge Center: Professional Development**
- **Logistics Professional Development Handbook (VIPER access required. Located on the AC ALPS Knowledge Center)**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/LPD/LCL%20Community%20of%20Practice%20CoP%20Professional%20Develop/LPDH_5thEdition_Feb15.pdf

Logistics Data Support

MISSION AREA
Life Cycle Logistics Data Management Division

POC
Logistics Data Management Division Head
(703) 432-3831

INTENT
The Department of Defense (DoD) Logistics data approach necessitates that DoD Components implement data management in ways that deliver clear, concise, reliable, and straightforwardly reachable metadata that upholds data interoperability across the entire Department.

Enable actionable data for programmatic use. Data is actionable when it is active (current and relevant), assured (accurate and secure), and available (accessible and shareable). Actionable data provides the representation of the organization's facts and concepts that are interpreted and processed to create information. Information based on actionable data is the foundation of productive analysis, reporting and informed decision-making, all of which are crucial components for the successful operation of any business.

DESCRIPTION
Provide support to analyze systems performance, research data for input, corrections or changes, assist with systems training, to provide effective acquisition and sustainment data readiness of enterprise procurement programs. Systems most impacted include Total Force Structure Management System (TFSMS), The Online Project Information Center (TOPIC), TOPIC In Production Schedule (TIPS), Item Applications File, Technical Data Management System (TDMS), Defense Logistics Information System (DLIS), Electronic Data Access (EDA), and Total Life Cycle Management – Operational Support Tool (TLCM-OST).

POLICY

- **MCO 5311.1D, Total Force Structure Process [TFSP]**
- **MCBUL 3000, Table of Marine Corps Automated Readiness Evaluation System [MARES] Reportable Equipment**

REFERENCES

- **A VIPER Link and Knowledge Center resources are being developed.**

TRAINING

- **Webinars on Total Force Structure Management System**
- **Data miners assigned to the Program Manager (PM) have capacity to provide basic instruction on the systems requiring data maintenance by the PM Team.**
- **TFSMS: CD&I provides TFSMS user training. (Information can be found on the TFSMS website** https://tfsms.mccdc.usmc.mil)

Logistics Requirements Funding Summary Cost Estimating Tool

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
AC PROG Lead
(703) 432-5590

INTENT
The USMC Logistics Requirements Funding Summary Cost Estimating Tool (LRFS CET) provides detailed cost estimating to PMs , which is essential during initial life cycle planning and valuable throughout the acquisition process.

DESCRIPTION
The USMC LRFS CET is an Excel-based cost estimating application developed for MCSC Assistant Commander, Acquisition Logistics, and Product Support (AC ALPS) in cooperation with Assistant Commander, Programs (AC, PROG). The USMC LRFS CET supports PMs, product support managers (PSMs), logisticians, and other supporting staff through the ILA process and projects Integrated Product Support (IPS) element requirements. In addition, the LRFS supports the Life Cycle Cost Estimate (LCCE), Program Objective Memorandum (POM) cycle and other documentation requirements. Using the USMC LRFS CET promotes standardization cost estimation throughout MCSC and the PEO. The USMC LRFS CET uses standard cost estimating techniques and generally accepted cost estimating principles to address the cost of satisfying the logistics requirements of a system and the acquisition program which fields it.

POLICY

- **SECNAV Instruction 4105 -**
- **NAV SO P 3692 – ILA Handbook**

REFERENCES

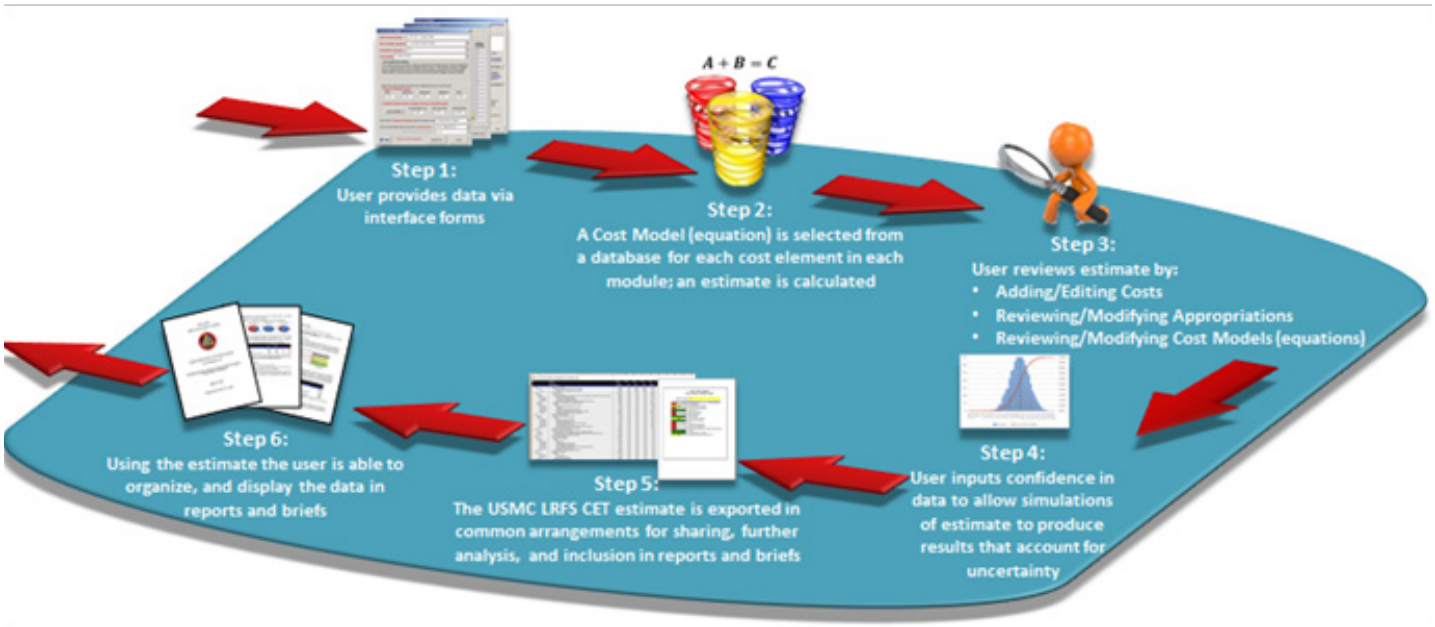
- **MCSC Independent Logistics Assessment (ILA) Process Order 4105 (May 2014)**
- **LRFS CET Staff site**
  https://mcscviper.usmc.mil/sites/acalps/ra/LRFS%20Documents/Forms/AllItems.aspx
- **LRFS IPS Element site**
  https://ips.usmc.mil/sites/aclcl/USMCLRFSCET/
- **LRFS CET SharePoint Site**
  https://mcscviper.usmc.mil/sites/alps/aclcl/USMCLRFSCET/default.aspx
- **AC ALPS Knowledge Center: LRFS**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/Enabling/LRFS/default.aspx

TRAINING

- **LRF CET DAU site**
  https://acc.dau.mil/CommunityBrowser.aspx?id=500468
- **New User and Advanced User Training (held quarterly). Registration is on VIPER.**

TOOLS

- **AC ALPS Knowledge Center**


A + B = C
Step 1:
User provides data via interface forms
Step 2:
A Cost Model (equation) is selected from a database for each cost element in each module; an estimate is calculated
Step 3:
User reviews estimate by:
• Adding/Editing Costs
• Reviewing/Modifying Appropriations
• Reviewing/Modifying Cost Models (equations)
Step 4:
User inputs confidence in data to allow simulations of estimate to produce results that account for uncertainty
Step 5:
The USMC LRFS CET estimate is exported in common arrangements for sharing, further analysis, and inclusion in reports and briefs
Step 6:
Using the estimate the user is able to organize, and display the data in reports and briefs

LRFS Flow

Maintenance Planning and Management Process Oversight and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Maintenance Planning and Management (MP&M) Lead
(703) 432-3789

INTENT
The MP&M enables the PM/ PdM to formulate, implement, and document the maintenance process of a system in accordance with established DoD, SECNAV, and Marine Corps policies. At an early point in the acquisition process, MP&M describes the maintenance of the Principle End Item (PEI) during the operations and sustainment phase.

DESCRIPTION
MP&M is a program management process that aligns with the Total Life Cycle Systems Management responsibilities and identifies the strategy for conducting maintenance on weapon systems/equipment. Maintenance Planning is conducted early in the acquisition process and leads into development of the maintenance concept and associated Technical Manuals (TMs) and Support Equipment, and affects all Integrated Product Support Elements (IPSE). The products of the Maintenance Planning effort are used by the MARFORs in the Operations and Sustainment Phase.

Services/Products:

- Conduct training for PM/PdM teams in preparation of an MP&M event.
- Provide SME support for MP&M Events.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of MP&M. These documents include:
  - LCSP (Maintenance Concept/Plan)
  - Depot Source of Repair (DSOR)
  - Business Case Analysis (BCA)

POLICY

- **DoD 5000.2**
- **SECNAVINST 5000.2E, Implementation And Operation Of The Defense Acquisition System And The Joint Capabilities Integration And Development System**
- **MCO 4790.27 Marine Corps Ground Equipment Maintenance (GEMP)**
- **MCSC O XXXXX, MCSC Maintenance Planning Handbook and template (TBD)**

TOOLS

- **AC ALPS Knowledge Center: Maintenance Planning Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/maintplan/default.aspx

Manpower, Personnel and Training

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Manpower, Personnel and Training (MPT) Lead
(703) 432-3864

INTENT
Educate the acquisition workforce in the correct way to conduct MPT analyses, support the Warfighter, and manage MPT throughout the system life cycle. This applies to the entire MCSC workforce and specifically targets the Life Cycle Logistics Competency.

To support the program teams as they plan and execute MPT and Human Systems Integration strategies by providing expert advice and coordinating with internal and external stakeholders.

DESCRIPTION
Provide expertise and guidance to the MCSC and PEO program teams to support MPT development as well as Human Systems Integration planning and execution. Training is provided as a two-day interactive course that covers the statutory, regulatory, and mandatory MPT program requirements. It includes instruction, a workbook, activities, case studies, handouts, and question and answer sessions. This training enables product teams to develop the best value MPT support solutions for the life cycle of the system.

POLICY

- **DoD Instruction 5000.02, Operation of the Defense Acquisition System, January 7, 2015**
- **DoD Instruction 1322.26, Development, Management and Delivery of Distributed Learning**
- **SECNAV Instruction 5000.2E, Implementation and Operation of The Defense Acquisition System and The Joint Capabilities Integration and Development System**
- **SECNAV M-5000.2, Department of the Navy Acquisition and Capabilities Guidebook**
- **Marine Corps Order 5311.1D, Total Force Structure Process**
- **Marine Corps Order 1553.3A, Unit Training Management**
- **Marine Corps Order 1553.2B, Management of Marine Corps Formal Schools and Training Detachments**
- **MARADMIN Active Number: 620/08, Standardization of Design, Development/and Testing of USMC Interactive Multimedia Instruction**
- **MARADMIN Active Number: 431/13, Publication of DC CDI Interim Guidance On Manpower Estimates and Manpower Personnel Training Plans**

REFERENCES

- **Manpower and Reserve Affairs Education and Training Community of Interest website**
  https://www.manpower.usmc.mil/portal/page/portal/M_RA_HOME/MP/MPC/d_CWM/Career%20Communities/Education%20and%20Training
- **TECOM Training Standards Division website (CAC Enabled)**
  https://vcepub.tecom.usmc.mil/sites/directorates/mtesd/SitePages/Home.asp

TRAINING

- **AC ALPS MPT Process Course**
- **AC ALPS Front End Analysis Course**
- **Training and Education Command Course Curriculum Developers Course**
- **AC ALPS Knowledge Center: Manpower, Personnel, and Training**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/MPT/default.aspx

- **MPT Specialist SharePoint Site**
  https://mcscviper.usmc.mil/sites/alps/mcscmpt/default.aspx
- **MPT Approved Plans and MAD Tool Repository**
  https://mcscviper.usmc.mil/sites/alps/mcscmpt/repository/SitePages/Home.aspx

TOOLS

- **Manpower, Personnel, and Training Plan Template**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/MPT/_layouts/WordViewer.aspx?id=/sites/kc/ALPSKC/IPS/MPT/Guidebooks%20Templates%20%20Tools/MPTP%20Plan%20Template_v4%203%201_130701%20(with%20Table%20links%20).docx&Source=https%3A%2F%2Fmcscviper%2Eusmc%2Emil%2Fsites%2Fkc%2FALPSKC%2FIPS%2FMPT%2FGuidebooks%2520Templates%2520%2520Tools%2FForms%2FPublic%2520View%2Easpx%3FGroupString%3D%253B%2523Templates%253B%2523%26IsGroupRender%3DTRUE&DefaultItemOpen=1&DefaultItemOpen=1
- **Manpower Estimate Report Template P&R**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/MPT/Guidebooks%20Templates%20%20Tools/Manpower%20Estimate%20Report%20Template%20USD(PR)%20memo%20of%2010%20Dec%2003%20with%20attachment[1].pdf
- **Manpower, Personnel, and Training Requirements Analysis Guide with MAD Tool**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/MPT/_layouts/WordViewer.aspx?id=/sites/kc/ALPSKC/IPS/MPT/Guidebooks%20Templates%20%20Tools/MPT%20Requirements%20Analysis%20Guide%20with%20MAD%20Tool%20vs%201.1%20Jan%202013.docx&Source=https%3A%2F%2Fmcscviper%2Eusmc%2Emil%2Fsites%2Fkc%2FALPSKC%2FIPS%2FMPT%2FGuidebooks%2520Templates%2520%2520Tools%2FForms%2FPublic%2520View%2Easpx%3FGroupString%3D%253B%2523Guidebooks%253B%2523%26IsGroupRender%3DTRUE&DefaultItemOpen=1&DefaultItemOpen=1
- **MIL-HDBK-29612-2A Instructional Systems Development/Systems Approach to Training and Education**
- **MIL-STD-1472G, Department of Defense Design Criteria Standard, Human Engineering**
- **IMPRINT (Improved Performance Research Integration Tool): Provided by Army Research Lab**
  www.arl.army.mil/www/default.cfm?page=445
- **Manpower Personnel and Training Process Course Workbook**
- **Independent Logistics Assessment and Systems Engineering Technical Review MPT Guidance Matrix**

Planned Delivery and Fielding Data

MISSION AREA
Operating Forces Support Division

POC
Operating Forces Support Division Head
(703) 432-3852

INTENT
The intent of this product and service is to provide stakeholders with information regarding upcoming production and fielding information, updated quarterly. This supports the Marine Corps-wide ground Principle End Item (PEI) Inventory Management, in addition to supporting the sourcing to Operating Force units by informing them of equipment production and fielding dates, locations, and quantities of each applicable PEI. This supports the MCSC role as the Marine Corps Ground Equipment PEI Life Cycle Manager.

DESCRIPTION
Per MARADMIN 329/12, one of MCSC tasks is to "Provide consistent, accurate Planned Delivery and Fielding Data to support Enterprise Sourcing Plans." To meet this requirement, a quarterly aggregation of Production and Fielding schedules for PEIs is provided to internal and external customers. The Operating Forces Support Division is responsible for publishing the MCATS tasker to all PMOs/PEO within MCSC/PEO LS, consolidating all inputs, performing quality assurance (limited to ensuring complete and correctly formatted input is provided), and providing the final product to appropriate stakeholders.

POLICY

- **Equipment Accountability And Visibility: Marine Corps Enterprise Ground Equipment Manager: MarAdmin 329/12; DTG 201223Z CMC Washington DC L**

Predictive Analysis

MISSION AREA
Capabilities Planning and Product Support Management Division

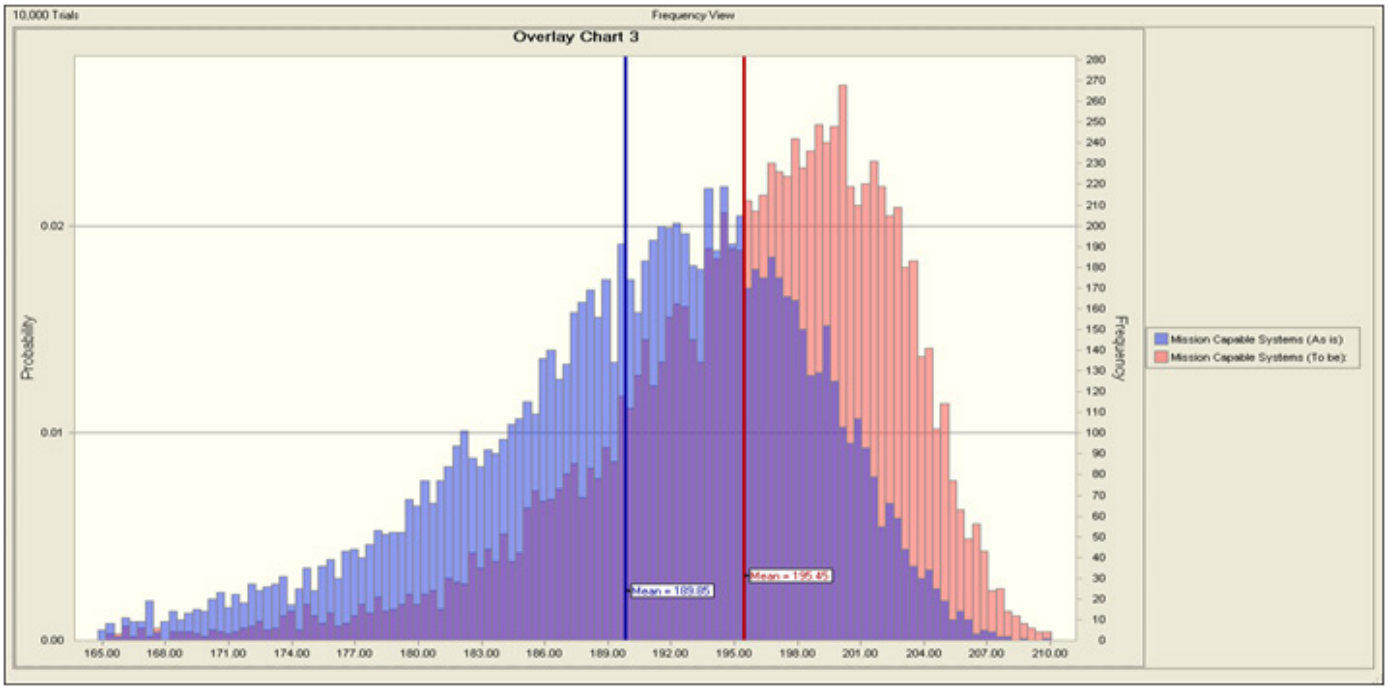
POC
Research and Readiness Analysis Team Lead
(703) 432-4022

INTENT
The AC ALPS Research and Readiness Analysis Team provides MCSC/PEO LS Program personnel with a life cycle analysis capability which can assess the effects over availability, cost, and Marine Corps warfighting capabilities associated with various courses of action. Predictive analytics may be applied at any stage of a program's life cycle to support sustainment planning activities.

DESCRIPTION
Predictive analytics employ a variety of modeling and statistical techniques to analyze historical and transactional data, incorporate assumptions, exploit patterns, and capture relationships to enable the assessment of risk and opportunities associated with a particular set of conditions. Analytical outputs ultimately support management, investment, and sustainment-related decision processes.

TRAINING

- **Information briefs available upon request from the Research and Readiness Analysis Team Lead**



Sample Analysis Chart

Provisioning Systems Training and Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Sustainment Integration Team Lead
(229) 639-7256

INTENT
To provide training to the ES workforce prior to gaining access to the Provisioning Systems in order to increase data quality and decrease the amount of time from initial data input to NSN attainment. Training is provided via PowerPoint and hands on exercises with the use of real data depicting real life discrepancies to be corrected as on the job training. This training directly supports program personnel, as needed, throughout the provisioning process with data and system tools issues in support of MCSC acquisition and sustainment planning.

DESCRIPTION
Services/Products:
- Conduct training for PM/PdM teams.
- Provide direct support and subject matter expertise on Provisioning Systems to the ES workforce.
- Review and provide comments on provisioning data submitted for use in Provisioning Systems.
- Assist program personnel with access to Provisioning Systems used in the obtainment of NSNs.

Provisioning Systems to obtain NSNs
- Marine Interactive Computer-Aided Provisioning System (MICAPS)
- Stock Control System (SS-03)
- Provisioning (SS-09)
- Item Applications (SS-10)
- War Reserve System (SS-11)
- Controlled Item Management (SS-13)
- Tech Data Management System (TDMS)
- Remote Operating System Communications Online Executive (ROSCOE)
- Report Distribution System (INFOPAC)
- Customer Information Control System (CICS)

POLICY
- **MCO 4400.79, Provisioning Policy**
- **SECNAVINST 4410.23, Joint Regulation Governing the Use and Application of Uniform Source, Maintenance, and Recoverability Codes**

TOOLS
- **GEIA-STD-0007, Logistics Product Data**
- **GEIA-HB-0007, Logistics Product Data Handbook**
- **DoD 4100.39M, Federal Logistics Information System (FLIS) Procedures Manual**

Readiness of Enterprise Acquisition Data Symposium

MISSION AREA
Life Cycle Logistics Data Management Division

POC
Logistics Data Management Division Head
(703) 432-3831

INTENT
To enhance the understanding of how Readiness of Enterprise Acquisition Data (READ) enables a ready, efficient and adaptable force and provide a forum to achieve a high state of enterprise acquisition data readiness.

Just as equipment readiness determines combat effectiveness, so data readiness determines Acquisition and Sustainment effectiveness. Reliable data is the key to our success both as a Command and as a link across all competencies (Contracts, Engineering, Financial Management, Logistics, and Program Management) throughout the acquisition process for the Enterprise.

With the Marine Corps focus turned to the reduction of sustainment costs and increased enterprise readiness for the next conflicts, it has become even more necessary to maintain accurate data in order to create efficiencies within the data systems tracking all aspects of the logistics lifecycle.

DESCRIPTION
The goal is to reach leadership throughout the enterprise that can significantly impact all lifecycle aspects of logistics and acquisition data systems quality and the supply systems supporting them. The lifecycle is most influenced in following three areas:

- Program Managers & PEOs - data provided assists the Program Managers at MCSC to evaluate and decision program direction.
- Enterprise Ground Equipment Management (EGEM), Corporate Board ~ evaluates data to impact funding streams for all programs.
- MARFORs ~ input for improvement and modernization of equipment with feedback through PMs/PEOs and leadership.

Reliability-Centered Maintenance

MISSION AREA
Capabilities Planning and Product Support Management Division

POC
Research and Readiness Analysis Team Lead
(703) 432-4022

INTENT
The purpose of Reliability-Centered Maintenance (RCM) is to optimize the maintenance strategies for all ACAT level weapon systems by developing a maintenance program based on the evidence of need. Additionally, RCM can help achieve higher inherent reliability/availability, greater maintenance effectiveness, greater safety, and environmental integrity. Ultimately, RCM delivers an optimized maintenance strategy that ensures a system achieves the desired levels of safety, reliability, environmental soundness, and operational readiness in the most cost-effective manner. RCM is applicable to all acquisition programs and should be applied throughout the total system life cycle, from requirements development through disposal. RCM is a living program and should initially be executed early in the life cycle when it can still influence the design of the system.

DESCRIPTION
The MCSC RCM process is in full compliance with Society of Automotive Engineers (SAE) JA1011 standard and is used to determine what failure management strategies should be applied to ensure a system achieves the desired levels of safety, reliability, environmental soundness, and operational readiness in the most cost-effective manner. These strategies are implemented to manage the failure modes which could cause the functional failure of any physical asset in a given operational context. RCM forms the foundation for a Condition Based Maintenance Plus (CBM+) environment, which can be used to identify various maintenance actions. RCM analyses can result in the identification of technically defensible proactive maintenance tasks such as on-condition, scheduled restoration, and scheduled discard tasks. RCM can yield other results that also contribute significantly to the safe and reliable operation of assets. These can include design modifications, changes to training programs, identification of new operating and emergency procedures, or modifications to technical manuals/instructions. This is a regulatory requirement imposed by DoD Instruction 4151.22, Reliability Centered Maintenance and MCO 4790.25, Ground Equipment Maintenance Program.

POLICY

- **DoD Manual 4151.22-M, Reliability Centered Maintenance (RCM)**
- **MCO 4790.25, Ground Equipment Maintenance Program**
- **MCSC O 4151.22, Reliability-Centered Maintenance Program (DRAFT)**

REFERENCES

- **MCSC RCM Handbook**
- **SAE Standard JA1011, Evaluation Criteria for Reliability-Centered Maintenance (RCM) Process**
- **SAE Standard JA1012, A Guide to the Reliability-Centered Maintenance (RCM) Standard**

TRAINING

- **Annual stakeholder training is available. Information can be found on VIPER or via the Research and Readiness Analysis Team Lead.**
- **Information briefs are available upon request from the Research and Readiness Analysis Team Lead.**

Stock Number Attainment

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Sustainment Integration Team Lead
(229) 639-7256

INTENT
The Stock Number Attainment Process (SNAP) provides detailed training and identifies the stakeholders, process flow, activities, mechanisms, and data elements required for stock number attainment. This process provides the student with sufficient knowledge to participate effectively in the SNAP in support of MCSC acquisition and sustainment planning and execution for new weapon systems. The training materials consist of a full process map, activity block narratives, PowerPoint presentation, glossary, and an acronym list and are posted to the AC ALPS Knowledge Center on VIPER.

DESCRIPTION
Services/Products:
- Conduct training for PM/PdM teams and LOGCOM.
- Provide direct support and subject matter expertise to all stakeholders in the SNAP.
- Review and provide comments on cataloging data and forms submitted during the execution of the SNAP.
- Assist program personnel with access to the required Information Technology (IT) systems used in the SNAP.

POLICY
- **MCO 4400.79, Provisioning Policy**
- **SECNAVINST 4410.23, Joint Regulation Governing the Use and Application of Uniform Source, Maintenance, and Recoverability Codes**
- **DoD 4100.39M, Federal Logistics Information System (FLIS) Procedures Manual**

TRAINING
- **AC ALPS Sponsored Training**

TOOLS
- **AC ALPS Knowledge Center: Life Cycle Supply Support Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/supply/default.aspx
- **GEIA-STD-0007, Logistics Product Data**
- **GEIA-HB-0007, Logistics Product Data Handbook**

Supply Support

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Sustainment Integration Team Lead
(229) 639-7256

INTENT
The Life Cycle Supply Support (LCSS) process is a comprehensive overview which identifies the stakeholders, process flow, activities, and mechanisms for supply support. This process will provide the student with sufficient knowledge to participate effectively in support of MCSC's acquisition and sustainment planning and execution of new weapon systems. The training materials consist of a full process map, activity block narratives, PowerPoint presentation, glossary, and an acronym list and are posted to the AC ALPS Knowledge Center on VIPER.

DESCRIPTION
Services/Products:
- Conduct training for PM/PdM teams and LOGCOM.
- Provide subject matter expertise during the acquisition and sustainment of weapon systems.
- Review and provide comments on Life Cycle Sustainment Plans (LCSP) and other programmatic documents.

POLICY
- **DoDI 5000.02, Operation of the Defense Acquisition System, 7 January 2015**
- **DoD 5000.2, Mandatory Procedures for Major Defense Acquisition Programs (MDAPs) and Major Automated Information System (MAIS) Acquisition Programs**
- **DOD 4140.1-R, DoD Supply Chain Materiel Management Regulation**

TRAINING
- **AC ALPS Sponsored Training**

TOOLS
- **AC ALPS Knowledge Center: Life Cycle Supply Support Process**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/supply/default.aspx
- **IPS Element Guidebook**
  https://acc.dau.mil/ips-guidebook
- **Product Support Manager Guidebook**
  https://acc.dau.mil/psm-guidebook

Support Equipment

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Support Equipment Lead
(703) 432-3783

INTENT
The ultimate goal is to MAXIMIZE STANDARDIZATION across platforms and MINIMIZE the use of SPECIAL SUPPORT EQUIPMENT. Serve as the AC ALPS SME for the Integrated Product Support Element (IPSE), Support Equipment (SE), for all MCSC Logisticians. The objective of the Support Equipment IPS Element is to identify, plan, resource, and implement management actions to acquire and support the equipment (mobile or fixed) required to sustain the operation and maintenance of the system and ensure that the system is available to the Warfighter when it is needed at the lowest Total Ownership Cost (TOC). (Source: DoD Product Support Manager (PSM) Guidebook, Appendix A)

DESCRIPTION
A process is generated from IPT feedback that identifies the roles and responsibilities covered by the IPT Stakeholders. The Sustainment Metrics of material reliability, lower O&S cost, decreased Maintenance Down Time (MDT), and measurement of the outcome sustainment metrics in the Product Support Strategy are emphasized.

According to DoDI 5000.02, January 7, 2015, the Independent Logistics Assessment (ILA) is statutory for all weapon system Major Defense Acquisition Programs (MDAPs). Support Equipment is one the twelve IPSEs that comprise a portion of the ILA process.

Products and Services:
- Conduct training for PM/PdM teams in preparation of an event involving Support Equipment.
- Provide subject matter expertise for Support Equipment.
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of Support Equipment.

POLICY

- **DoD Instruction 5000.02, Operation of the Defense Acquisition System, 07 Jan 2015**
  http://www.dtic.mil/whs/directives/corres/pdf/500002p.pdf
- **CJCSI 3170.01I, Operation of the Joint Capabilities Integration and Development System**
  https://dap.dau.mil/policy/Documents/2015/CJCSI_3170_01I.pdf
- **CJCSI 6212.01E, Interoperability and Supportability of Information Technology and National Security Systems**
  http://jitc.fhu.disa.mil/jitc_dri/pdfs/6212_01.pdf
- **MIL-STD-3018, Parts Management**
  http://www.dscc.dla.mil/downloads/psmc/documents/MIL_STD_3018.pdf
- **OPNAVINST 3960.16A, Navy Test, Measurement, and Diagnostic Equipment (TMDE), Automatic Test Systems (ATS), and Metrology and Calibration (METCAL)**
  http://doni.daps.dla.mil/Directives/03000%20Naval%20Operations%20and%20Readiness/03-900%20Research,%20Development,%20Test%20and%20Evaluation%20Services/3960.16A.pdf
- **MCO 10510.18B, Policy Responsibility for Test, Measurement, and Diagnostic Equipment**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/SE/default.aspx
- **MCO 4733.1B, Marine Corps Test, Measurement, and Diagnostic Equipment (TMDE) Calibration and Maintenance Program (CAMP)**
  http://www.marines.mil/Portals/59/MCO%204733.1B%20ADMIN%20CHANGE.pdf
- **GEIA-STD-0007, Logistics Product Data**

REFERENCES

- **SI 10510**
- **TM 10510/-OD Procurement of Test Measurement and Diagnostic Equipment (TMDE)**
- **Supply Instruction (SI) 10510-OR, 31 MAR 2014**
- **Tool Warranty/Replacement Instructions for Using Army Tools Website**
  https://mceits.usmc.mil/sites/pubs/164/16410510000.pdf
- **Supply Instruction (SI) 10510-OR, 31 JUL 2012**
- **Tool Warranty/Replacement Instructions for Using Army PM-SKOT Website**
  https://eis.usmc.mil/sites/imef/9comm/BS4/MMO/Shared%20Documents/MMO%20PUBS/SI/SI%2010510-OR.pdf
- **Technical Manual (TM) 10510-OD/1Q, 30 JAN 2015**
- **General Purpose Test Measurement and Diagnostic Equipment (TMDE) Listing (Including Ancillary Support Items & Tool Kits)**
  https://mceits.usmc.mil/sites/pubs/184/18400014000.pdf
- **Reliability, Availability, Maintainability-Cost (RAM-C) Report Manual**
  https://acc.dau.mil/CommunityBrowser.aspx?id=378147&lang=en-US

TRAINING

- **AC ALPS Sponsored Training**

TOOLS

- **Support Equipment IPT AC ALPS SharePoint Portal**
  https://mcscviper.usmc.mil/sites/alps/aclcl/SEIPT/SitePages/Home.aspx
- **AC ALPS Knowledge Center for Support Equipment**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/SE/default.aspx
- **ASTM F1166, Standard Practice for Human Engineering Design for Marine Systems, Equipment, and Facilities**
  http://www.astm.org/Standards/F1166.htm
- **Automatic Test Equipment (ATE)**
  http://www.acq.osd.mil/ats/ate.htm
- **Automatic Test Systems (ATS)**
  http://www.acq.osd.mil/ats/ats.htm
- **Corrosion Prevention and Control Planning Guidebook**
  http://www.dtic.mil/dtic/tr/fulltext/u2/a473723.pdf
- **SD-22, Department of Defense (DOD) Diminishing Manufacturing Sources and Material Shortages (DMSMS) Guidebook**
  http://www.acq.osd.mil/dpap/paic/attachments/DoD%20DMSMS%20Guidebook%204-7-05.pdf
- **GEIA-HB-0007: Logistics Product Data Handbook**
- **The Defense Standardization Program Website for policy and implementation guidance**
  https://www.dsp.dla.mil/APP_UIL/displayPage.aspx?action=content&contentid=66
- **TMDE Website**
  https://tmde.logcom.usmc.mil/TMDE/
- **Acquisition Community Connection**
  https://acc.dau.mil/CommunityBrowser.aspx?id=661808&lang=en-US

Sustaining Engineering

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Sustaining Engineering Lead
(703) 432-3783

INTENT
Serve as the AC ALPS SME for the IPSE, Sustaining Engineering (SusEng) for all MSCS Logisticians. The objective of the SusEng IPSE is to support in-service systems in their operational environments. (Source: DoD Product Support Manager (PSM) Guidebook, Appendix A)

DESCRIPTION
According to DoDI 5000.02, January 7, 2015, the ILA is statutory for all weapon system Major Defense Acquisition Programs (MDAPs). SusEng is an IPSE that comprises a portion of the ILA process.

Products and Services:
- Conduct training for PM/PdM teams in preparation of an event involving SusEng.
- Provide subject matter expertise support for Sustaining Engineering.
- Events (Brown Bags, etc.).
- Provide inputs/recommendations during Technical Reviews as required.
- Provide appropriate documentation and templates to the PMs/PdMs in support of SusEng.

POLICY
- **DODI-5000.02 Operations of the Defense Acquisition Systems**
- **DLA 339**

TRAINING
- **AC ALPS Sponsored Training**

TOOLS
- **AC ALPS Knowledge Center: Sustaining Engineering**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/sustain/default.aspx
- **Acquisition Community Connection**
  https://acc.dau.mil/CommunityBrowser.aspx?id=514806&lang=en-US
- **DoD Reliability, Availability, Maintainability – Cost (RAM-C) Report Manual**
  https://acc.dau.mil/CommunityBrowser.aspx?id=378149&lang=en-US

System Sustainment Analysis

MISSION AREA
Capabilities Planning and Product Support Management Division

POC
Research and Readiness Analysis Team Lead
(703) 432-4022

INTENT
System Sustainment Analysis support sustainment strategies and investment decisions and generate critical information related to readiness trends, availability/cost tradeoffs, reliability improvement candidates, and weapon system economic analyses. These analyses enable PMOs to understand the logistical impacts of various courses of actions on Reliability, Availability, Maintainability (RAM), and cost. System Sustainment Analysis is most beneficial during the Operations and Support phase, although parametric analyses may also provide valuable information during any stage of the acquisition life cycle in support of legacy system upgrades or new system procurements. System Sustainment Analysis is applicable to all ACAT level programs.

DESCRIPTION
AC ALPS provides a three-tier approach to System Sustainment Analysis support.

Tier 1 – Logistical systems data support
Retrieval, assessment, and formatting of logistics system data to include the Global Combat Support System – Marine Corps (GCSS-MC), Systems Operational Effectiveness Decision Support Tool (SOE DST), the Total Life Cycle Management Operational Support Tool (TLCM-OST), and the Master Data Repository (MDR) to provide Program Managers with the means to conduct internal system performance reviews.

Tier 2 – Systems Operational Effectiveness Equipment Status Reports
SOE reports provide sustainment metrics to support efficient and effective sustainment planning. Initial metrics include:

- Availability and Readiness
- Operational Availability (OA)
- Material Availability (AM)
- R Rating (Equipment Condition)
- S Rating (Supply)
- Material Reliability (MR) (Overall Readiness)
- Reliability
- Service Request
- Mean Time Between Failure (MTBF)
- Maintainability
- Mean Down Time (MDT)
- Mean Down Time (Deadline)
- Supportability
- Field level maintenance parts cost
- Parts usage report (order count, cost and readiness drivers)
- Serialized system usage report

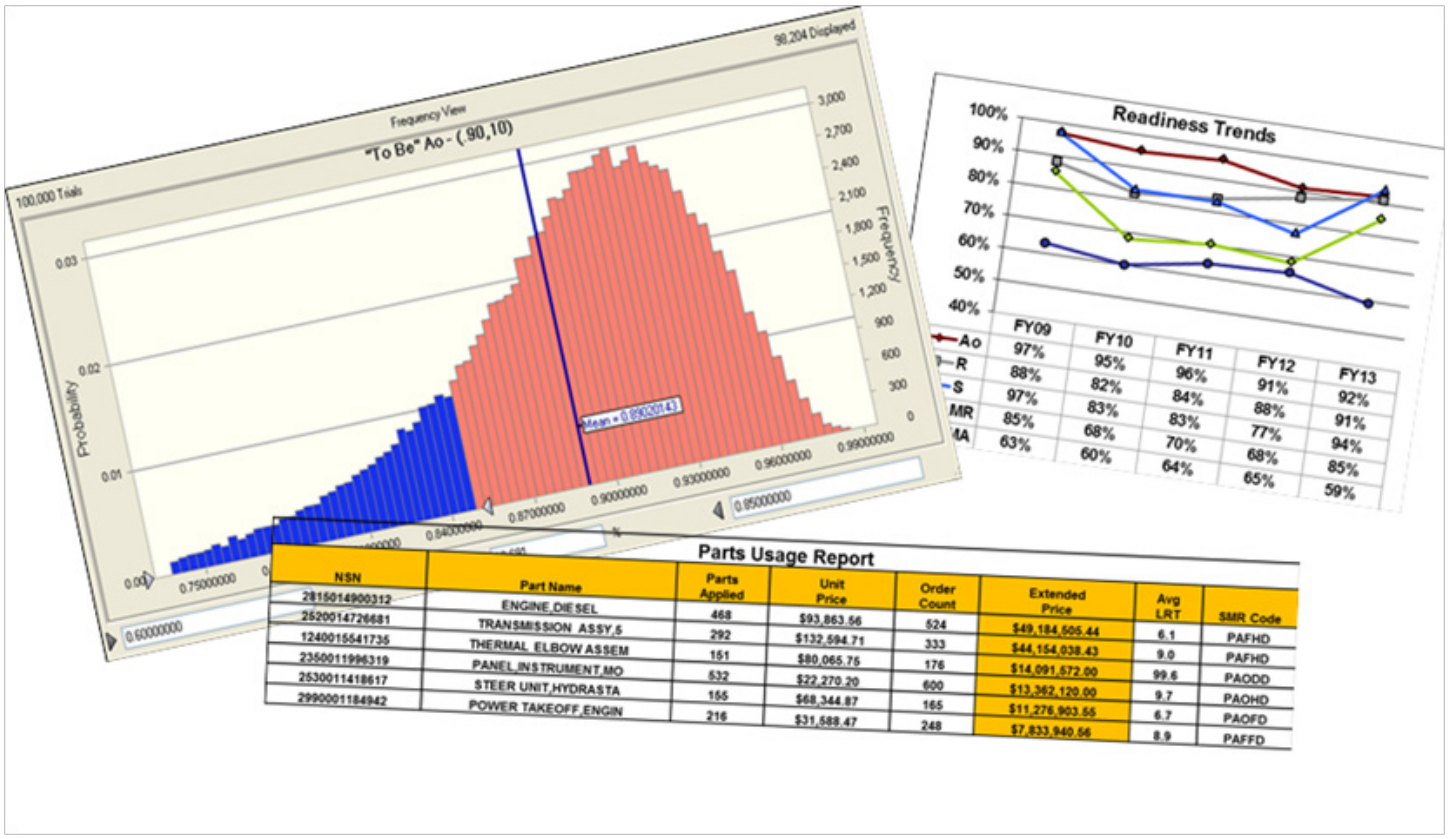
Tier 3 – Weapon System Economic Analysis (WSEA)
WSEA is inclusive of Tier 2 and is a systematic approach to project the outcomes of various alternatives to achieve defined programmatic objectives. WSEA involves additional research to identify correlations between metrics and events, root causal factors, reliability improvement analyses, tradeoff analyses, and predictive modeling.

TRAINING

- **Information briefs available upon request from the Research and Readiness Analysis Team Lead.**

TOOLS

- **Systems Operational Effectiveness Decision Support Tool (SOE DST)**
  http://www.marcorsyscom.marines.mil/ProfessionalStaff/ACALPS/ReadinessandAnalysis.aspx
- **The Total Life Cycle Management Operational Support Tool (TLCM-OST)**
  http://www.logcom.marines.mil/Centers/GeneralStaff/WSMC.aspx



NSN	Part Name	Parts Applied	Unit Price	Order Count	Extended Price	Avg LRT	SMR Code
2815014900312	ENGINE,DIESEL	468	$93,863.56	524	$49,184,505.44	6.1	PAFHD
2520014726681	TRANSMISSION ASSY,5	292	$132,594.71	333	$44,154,038.43	9.0	PAFHD
1240015541735	THERMAL ELBOW ASSEM	151	$80,065.75	176	$14,091,572.00	99.6	PAODD
2350011996319	PANEL,INSTRUMENT,MO	532	$22,270.20	600	$13,362,120.00	9.7	PAOHD
2530011418617	STEER UNIT,HYDRASTA	155	$68,344.87	165	$11,276,903.55	6.7	PAOFD
2990001184942	POWER TAKEOFF,ENGIN	216	$31,588.47	248	$7,833,940.56	8.9	PAFFD

Sample Analysis Reports

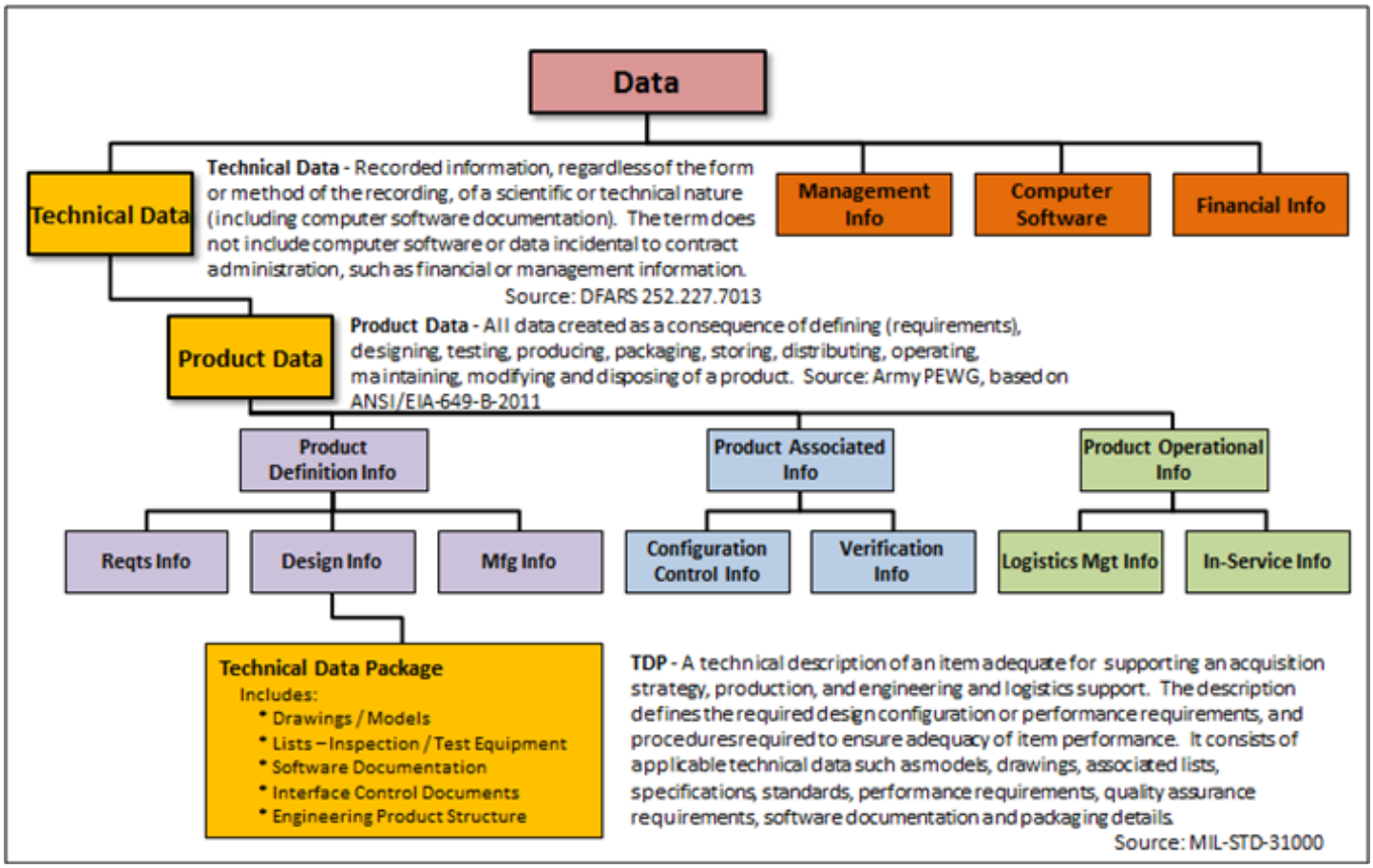
Technical Data

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Technical Data Lead
(703) 432-3779

INTENT
The intent of Technical Data is to review technical data requirements, support, and coverage and to make recommendations to the MDA and PMs as required. Provides advice and support to program logisticians on technical data requirements.

DESCRIPTION
The Technical Data IPSE includes technical drawings in support of Technical Manual (TM) development, training development, supply support, provisioning, and sustainment support. Much of the technical data is developed by engineering and is used by logistics. The logistician must include logistics requirements in the system specifications and use the Technical Data Package, Product Associated Data, and Logistics Operational Data to support the system. The below diagram defines Technical Data as a subset of data.



Definition of Technical Data

Service provided: Technical data is a shared responsibility with the system engineer. AC ALPS provides subject matter expertise and help on technical data issues associated with integrated logistics support of a weapon system.

REFERENCES

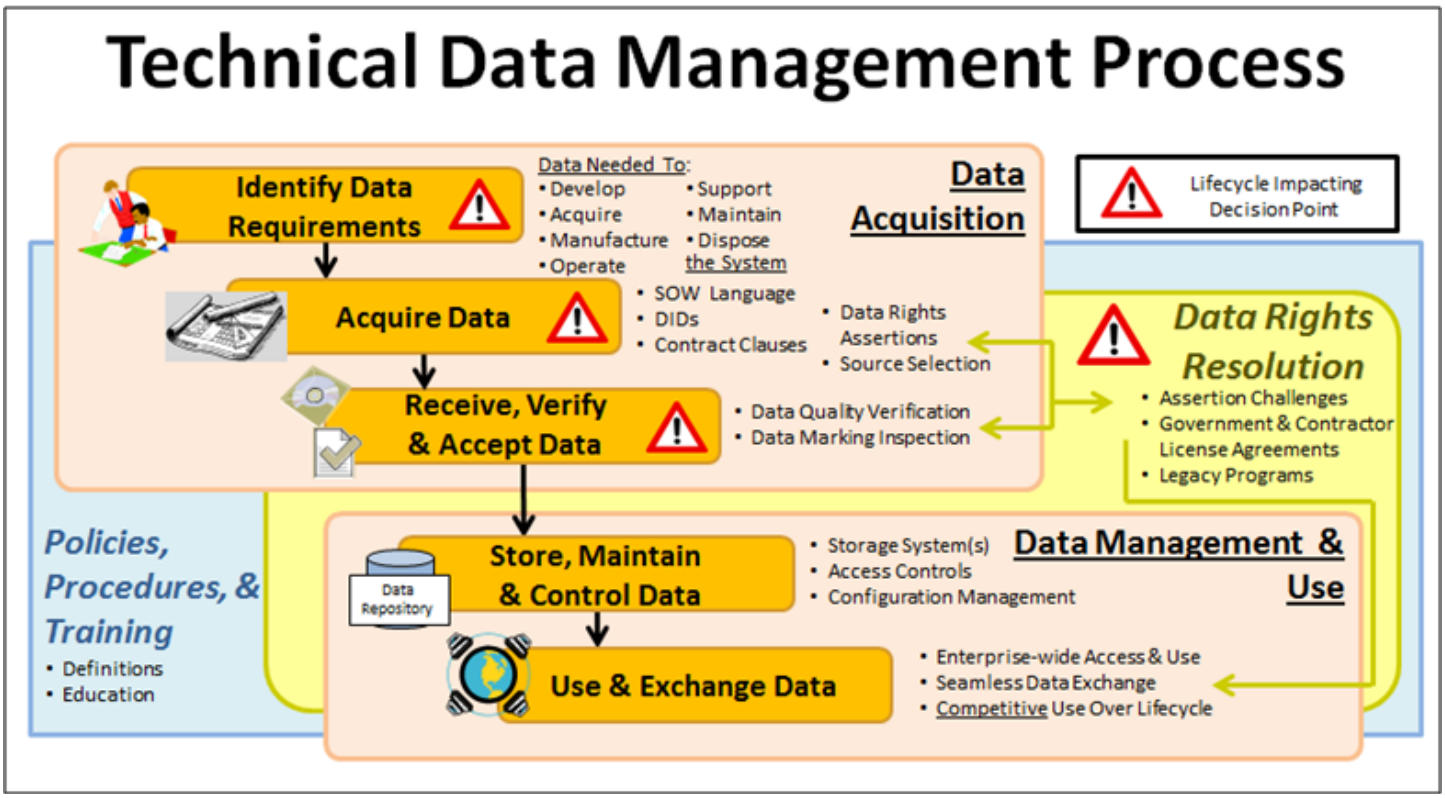
- **AC ALPS Knowledge Center: Technical Data information**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/techdata/default.aspx

TRAINING

- **DAU 215: Technical Data Process (web-based training)**

TOOLS

- **Defense Acquisition Guidebook: Technical Data Management Process**
  https://acc.dau.mil/CommunityBrowser.aspx?id=638337&lang=en-US
- **Defense Acquisition Guidebook: Technical Data Rights Strategy**
  https://acc.dau.mil/CommunityBrowser.aspx?id=510071&lang=en-US
- **Defense Acquisition Guidebook: Technical Data Computer Software and Intellectual Property Rights**
  https://acc.dau.mil/CommunityBrowser.aspx?id=489751&lang=en-US



Technical Publications

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
Technical Publications Lead
(229) 639-7564

INTENT
The intent of the Technical Publication Lead is to inform and educate customers/stakeholders of the services and guidance provided for life cycle management of technical publications.
It is applicable to all Program Offices.

At the Start of Work meetings, it is very important to provide guidance to contractors on what type of manual(s) will be developed by reviewing the TMCRs and Statements of Work (SOW).

DESCRIPTION
Technical Publications management provides guidance to PdMs/POs, PEOs, LCLs, LMSs, ESs and contractors, as well as the Warfighter, for all matters regarding Technical Publications. This service is considered regulatory because we adhere to regulations, guidelines and specifications relevant to Technical Publications.

POLICY

- **MCO P5215.17, The Marine Corps Technical Publication System**
  http://www.marine.mil/new/publications/electroniclibrary/electroniclibrarydisplay/tabid/13082/article/126712/sdo-p521517c.aspx

REFERENCES

- **MIL-DTL-28999**
  https://assist.dla.mil/
- **Detail Specifications, Publications, Technical, Instruction**

TRAINING

- **AC ALPS Sponsored Training**

TOOLS

- **AC ALPS Knowledge Center: Technical Data**
  https://mcscviper.usmc.mil/sites/kc/ALPSKC/IPS/techdata/techpubs/default.aspx
- **Publications Website**
  https://portal.logcom.usmc.mil/sites/pubs/

Unit Training Assistance Program

MISSION AREA
Life Cycle Logistics Integration and Assessments Division

POC
UTAP Lead
(703) 432-3825

INTENT
Unit Training Assistance Program (UTAP) offers Marine Corps acquisition programs a no-cost distribution capability for operator and maintainer unit-level equipment training materials as part of the PM's product support strategy.

Programs can post electronic versions of New Equipment Training (NET) curriculum products, jobs aids, and videos to LOTTIS in support of unit-level equipment training and on-the-job training requirements.

DESCRIPTION
The UTAP is a joint venture between MCSC and TACOM. Library of TACOM Training Information Site (LOTTIS) was developed by TACOM as part of UTAP to support unit combat readiness by providing access to equipment-related training materials and supplemental information. UTAP can be used as part of the program's unit sustainment training strategy and may be included in its Manpower, Personnel & Training plans. In addition, this product/service supports the UTAP as a distribution capability for unit-level equipment training materials.

TOOLS

- **UTAP Homepage:**
  https://www.utap.army.mil

Appendix A: Phone List

Capabilities Planning and Product Support Management Division

- Corrosion Prevention and Control Program ……..... (703) 432-5388
- Enterprise Life Cycle Maintenance Program ..... (703) 432-4050
  (703) 432-3938
- Predictive Analysis …….. (703) 432-4022
- Reliability-Centered Maintenance (703) 432-4022
- System Sustainment Analysis ….. (703) 432-4022

Competency Management

- APM/APEO-LCL …… (703) 432-3792
- Human Capital Resource Management ..... (703) 432-3792
- Logistics Competency Workforce Development …… (703) 432-3792
  (703) 432-3810

Life Cycle Logistics Data Management Division

- Department of Defense Activity Address Code ……..... (703) 432-3834
- Financial Improvement Audit Readiness..... (703) 432-3521
- First Destination Transportation/ Second Destination Transportation (FDT/SDT) ……..... (703) 432-3834
- Government Property ……. (703) 432-3834
- Item Unique Identification (IUID) Oversight and Support ……(703) 432-3795
- Logistics Data Support …….. (703) 432-3831
- Readiness of Enterprise Acquisition Data Symposium …….. (703) 432-3831

Life Cycle Logistics Integration and Assessments Division

- Computer Resources Technical Assistance …… (703) 432-3864
- Design Interface ....……..... (703) 432-3783
- Disposal Process Oversight and Support ...…….. (703) 432-3789
- Equipment Specialist Resources SharePoint …… (229) 639-7256
- Equipment Specialist Workshop Training …… (229) 639-7256
- Facilities Planning Process Oversight
- and Support ……..…… (703) 432-3789
- Fielding Process Oversight and Support …….. (703) 432-3789
- Independent Logistics Assessment (ILA) Oversight and Support ……... (703) 432-3789
- Initial Issue Provisioning Training and Support ……..... (229) 639-7256
- Life Cycle Sustainment Planning (LCSP) Oversight and Support …..…. (703) 432-3789
- Logistics Requirements Funding Summary Cost Estimating Tool (LRFS CET) ……. (703) 432-5590
- Maintenance Planning and Management Process Oversight and Support ……. (703) 432-3789
- Manpower, Personnel and Training ….. (703) 432-3864
- Provisioning Systems Training and Support …..……. (229) 639-7256
- Stock Number Attainment ……..... (229) 639-7256
- Supply Support …….… (229) 639-7256
- Support Equipment ……..… (703) 432-3783
- Sustaining Engineering ……..... (703) 432-3783
- Technical Data ……..……..……. (703) 432-3779
- Technical Publications …….. (229) 639-7564
- Unit Training Assistance Program ..….. (703) 432-3825

Operating Forces Support Division

- Planned Delivery and Fielding Data ……(703) 432-3852

Feedback

- Operations Section .....(703) 432-3852
  (703) 432-3938
  acalps.p&sipt@usmc.mil

1st Edition June 2015