



**DEPARTMENT OF THE NAVY**  
HEADQUARTERS UNITED STATES MARINE CORPS  
3000 MARINE CORPS PENTAGON  
WASHINGTON, DC 20350-3000

MCBul 4081  
LPV  
May 22 2012

MARINE CORPS BULLETIN 4081

From: Commandant of the Marine Corps  
To: Distribution List

Subj: MARINE AIR GROUND TASK FORCE (MAGTF) LOGISTICS SUPPORT SYSTEMS (MLS2)

Ref: (a) MROC Decision Memorandum 42-2006 (NOTAL)  
(b) HQMC (LP) Naval Msg 141257Z JUN 07  
(c) Director, Logistics Plans, Policies and Strategic Mobility  
Division, I&L Memo of 22 Feb 10 (NOTAL)  
(d) MARADMIN 503/11  
(e) SECNAV M-5210.1  
(f) I&L/MCSC/TECOM MOA of 16 Apr 10 (NOTAL)

Encl: (1) MLS2 Capability and Functionality Matrix  
(2) Procedures for Recommending the Standard Employment of MAGTF  
Logistics Support Systems Functions

1. Purpose. Publish guidance on MLS2 approved for use within the MAGTF.

2. Summary of Revisions

a. To accurately capture the use of MLS2 across MAGTF units, input to update and expand MCBul 4081 was received from the Marine Forces (MARFOR), Combat Development and Integration (CD&I), Marine Corps Logistics Command (MCLC), Marine Corps Systems Command (MCSC), Training and Education Command (TECOM), as well as the Operational Advocacy Groups (OAGs).

b. The previous iteration of the MCBul 4081 renamed Bridge Technologies (BT) as outlined in references (a) through (c) as MLS2, and included the Common Logistics Command and Control System (CLC2S), the Transportation Capacity Planning Tool (TCPT), the Battle Command Sustainment Support System (BCS3), Warehouse to Warfighter - Last Tactical Mile (W2W-LTM), and the Navy's Birdtrack and Electronic Retrograde Management System (eRMS) in the MLS2 portfolio of systems.

c. Additional systems and applications are used throughout the MAGTF to fill critical information gaps essential for effective combat service support (CSS) and command and control (C2) in support of operations. This year's MCBul 4081 has been updated to include all Logistics Information Technology (LOG IT) systems and applications approved for use in the MAGTF and expands the MLS2 portfolio to include 54 systems and applications. Systems and applications used solely in the Supporting Establishment (SE) are not included in this iteration of the MCBul 4081. This year's MCBul 4081 categorizes systems by doctrinal functions of tactical logistics, and seeks to provide broader guidance on the use of LOG IT to enable the C2 of the warfighting functions of logistics across the MAGTF both ashore and afloat.

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d. The updated MCBul 4081 will accomplish the following:

(1) Inform commanders and staffs at all levels across the MAGTF on the capabilities and functionalities of MLS2 in support of logistics operations, and guide the training and education of Marines in their designed use.

(2) Provide information management offices (IMOs) across the MAGTF an in-depth look at the number of MLS2 approved for use in the MAGTF to ensure IMOs allocate appropriate bandwidth on information servers to support MLS2.

(3) Guide LOG IT portfolio managers to develop a LOG IT strategy that identifies capability gaps and overlaps in current systems and applications, and drives towards reduction or interoperability of systems in order to enable effective and affordable logistics support to the MAGTF.

(4) Codify Headquarters Marine Corps (HQMC) Installations and Logistics' (I&L) advocacy for specific MLS2.

3. Background

a. Global Combat Support System-Marine Corps Logistics Chain Management (GCSS-MC/LCM) is the practical implementation of the Marine Corps' Logistics Operational Architecture (LOG OA). The purpose of the LOG OA is to standardize the implementation of Marine Corps-wide processes for logistics and related IT enablers. The architecture is the blueprint for logistics processes and technologies in accordance with strategic objectives and future operating concepts. This updated MCBul 4081 categorizes GCSS-MC/LCM as an MLS2. GCSS-MC, coupled with the 53 other systems and applications categorized as MLS2 in this Bulletin align with and support the LOG OA as enduring requirements.

b. Reference (d) declares GCSS-MC/LCM Increment 1, Release 1.1 at full operational capability (FOC) for III MEF. Total force implementation (TFI) for GCSS-MC/LCM Increment 1 is expected to be completed during 2nd quarter FY13. The full deployment of Increment 1 will allow for the retirement of four legacy systems: SASSY, MIMMS, PCMIMMS, and ATLASS. The retirement of these systems will give DC, I&L the opportunity to advocate for the reinvestment of resources across the LOG IT portfolio.

c. The capabilities of MLS2 not included in Increment 1 of GCSS-MC/LCM to be incorporated into either future increments of GCSS-MC/LCM or other C2 systems are currently being assessed. Until these requirements are defined in a capability development document (CDD) and scheduled for implementation in a capability production document (CPD), the MLS2 that provide these capabilities will have the continued advocacy of DC, I&L and will remain viable systems.

d. Additional MLS2 will not be developed or used unless authorized by DC, I&L to ensure the proper configuration and use of records, regardless of format or medium, and to promote accessibility and authorized retention per the approved records schedule and reference (e).

4. Action. The standardized use of MLS2 in garrison and training exercises as they are used in deployed operations, to the maximum extent practicable, is directed in order to capitalize on experience gained prior to use in an operational environment. In addition, the directed use of these systems will focus training and education resources, and it will magnify effectiveness across the MAGTF.

a. DC, Installations & Logistics (I&L)

(1) Coordinate with the MARFOR, CD&I, and MCSC to ensure the systems and applications identified in this Bulletin are institutionalized throughout the Marine Corps.

(2) Continue to advocate for the funding of MCSC MLS2 investments during Program Objective Memorandum (POM) deliberations.

(3) Continue to synchronize, direct, and codify the standardized use of MLS2 to optimize resources and to enhance battlefield readiness in support of the MARFOR.

(4) Ensure compliance with this Bulletin through Field Supply and Maintenance Analysis Office (FSMAO) analyses.

(5) Identify which MLS2 capabilities will transition to future capabilities of GCSS-MC/LCM or other appropriate acquisition programs (e.g., MAGTF C2).

(6) Continue to advocate for logistics education and training standards with TECOM for the complete implementation of the LOG OA and IT enablers.

(7) Identify updates to policy and procedures for supply, maintenance, transportation, and coordination of other logistics services where C2 is enabled by IT.

b. DC, Combat Development and Integration (CD&I)

(1) Coordinate with the MARFOR, MCSC, and DC, I&L to ensure that current and future capability requirements are captured to improve the MLS2.

(2) Take appropriate action to establish requirements for the MLS2.

(3) Coordinate with DC, I&L to advocate for the funding of MCSC MLS2 investments during POM deliberations.

(4) Coordinate the Capabilities Based Assessment (CBA) to identify capability gaps in LOG IT systems.

c. Commanders, Marine Forces (MARFOR)

(1) Use enclosure (1) as implementation guidance and use the MLS2 to the maximum extent practicable but not less than as prescribed. MLS2 will be implemented to support garrison operations, training exercises, and deployed operations.

(2) Ensure subordinate commands integrate the use of the MLS2 into their standard operating procedures (SOPs) for logistics procedures and, as appropriate, MAGTF C2.

(3) Participate in the process to control and standardize the utilization of MLS2 and ensure battlefield synchronization.

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(4) Identify requirements regarding the transition of MLS2 capabilities into future capabilities of GCSS-MC/LCM or an appropriate acquisition program.

d. CG, Training and Education Command (TECOM)

(1) Continue MLS2 training at all TECOM commands based on available resources in order to meet the training requirements of this Bulletin.

(2) Continue CLC2S, TCPT, and BCS3 training at C2 TECOE per reference (f).

(3) Conduct analysis of MLS2 training and evaluation requirements, to include appropriate training audience, frequency, locations, tasks, conditions, and standards with support from HQMC, I&L.

(4) Integrate MLS2 training into appropriate training organizations, based on results of analysis and available resources.

(5) Pursue adequate FY15 (and beyond) resourcing for training and evaluating each MLS2, pursuant to incorporation into acquisition programs.

e. Commander, Marine Corps Systems Command (MCSC)

(1) Interface with the capabilities development process and the resource allocation process to facilitate the transition of the MLS2 and communication technology enablers into the acquisition process.

(2) Develop appropriate product support strategies for each MLS2 as they are incorporated into acquisition programs.

5. Reserve Applicability. This Bulletin is applicable to the Marine Corps Total Force.

6. Cancellation Contingency. This Bulletin is contingent on the capabilities and requirements of the identified systems to meet specific operational needs. This Bulletin will no longer apply to the identified systems if capabilities are merged into other fielded acquisition programs or the identified system is retired, whichever comes first.



F. PANTER

Deputy Commandant for  
Installations and Logistics

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Table 1 summarizes the capabilities and minimum functionality that shall be used within the approved MLS2.

LOGISTICS COMMAND AND CONTROL		
MLS2	CAPABILITY	FUNCTIONALITY
Common Logistics Command & Control System (CLC2S)	<ul style="list-style-type: none"> <li>• Provides the commander a logistics dashboard to support the decision making process</li> <li>• Provides a supported unit the ability to electronically submit and track requests for logistics services from inception to completion</li> <li>• Provides a supporting unit with a means to track, task, or forward logistics requests</li> </ul>	<ul style="list-style-type: none"> <li>• Manage Class I (rations)</li> <li>• Manage maintenance support requests</li> <li>• Manage combat service support (CSS) requests</li> </ul>
Battle Command Sustainment Support System (BCS3)*	<ul style="list-style-type: none"> <li>• Provides the latest available Joint and Coalition sustainment In-Transit Visibility (ITV) on a map-based display</li> <li>• Provides for electronic messaging and data exchange with Blue Force Tracker (BFT) and Movement Tracking System (MTS)</li> <li>• Emphasizes interfaces with other DoD data sources</li> <li>• Assists users in executing distribution management and convoy control</li> <li>• Provides reception, staging, onward movement, and integration visibility and status</li> <li>• Provides log-related Commander's Critical Information Requirements (CCIR) alerts</li> <li>• Provides users visibility of Joint and Coalition movement in their battlespace</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor movement of sustainment within Movement Control Centers (MCCs)</li> <li>• Monitor movement of personnel and equipment within MCCs</li> <li>• Maintain visibility of national and theater sustainment resources at the SASSY Management Units (SMUs)</li> <li>• Monitor Joint and Coalition intra-theater movement of convoys</li> </ul>
Embedded Platform Logistics System (EPLS)	<ul style="list-style-type: none"> <li>• Improves logistics information provided to commanders and streamlines how assets are tested and tracked by embedding sensors, computers, displays, and devices on board vehicles and collecting the information gathered to databases and end-user management systems</li> <li>• Provides accurate operational status and system health reporting</li> <li>• Improves diagnostic capabilities, which reduces</li> </ul>	<ul style="list-style-type: none"> <li>• Generate real-time operational status and system health reports</li> <li>• Track and test Marine Corps rolling stock</li> </ul>

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	<p>repair cycle time and increases operational readiness</p> <ul style="list-style-type: none"> <li>• Improves data collection to support total life cycle management functions</li> </ul>	
<p>Transportation Capacity Planning Tool (TCPT)</p>	<ul style="list-style-type: none"> <li>• Provides the commander a decision support tool for transportation and engineering equipment, planning, management, and mission execution</li> <li>• Allows transportation planners throughout the MAGTF to view transportation capacity through movement requests, personnel and equipment resources</li> <li>• Provides a unit a standard method to electronically manage organic transportation/engineer resources</li> <li>• Provides a unit a standard method to electronically submit and track transportation requests beyond organic capability</li> </ul>	<ul style="list-style-type: none"> <li>• Manage organic transportation equipment</li> <li>• Manage organic material handling equipment (MHE)</li> <li>• Manage licensing of personnel</li> <li>• Manage electronic dispatching</li> <li>• Associate equipment to convoy tracker</li> <li>• Manage Transportation Movement Requests (TMRs)</li> <li>• Manage Ground Transportation Requests (GTR) /Ground Transportation Orders (GTO)</li> </ul>
<b>SUPPLY</b>		
MLS2	CAPABILITY	FUNCTIONALITY
<p>Global Combat Support System Marine Corps/Logistics Chain Management (GCSS-MC/LCM)</p>	<ul style="list-style-type: none"> <li>• Provides user end-to-end logistics-chain and supply-chain management</li> <li>• Provides user the capability to see what equipment needs to be repaired, where the parts are located, and who is available to perform the work</li> <li>• Allows user to plan for and schedule maintenance resources and to have the ability to review item configuration, readiness information, and past historical and ownership in a data repository environment</li> <li>• Provides the capability to determine when and where supplies, such as inventory, purchase orders, and work orders, should be deployed within an extended supply chain</li> <li>• Provides the capability to manage a service parts inventory in a multi-location environment</li> <li>• Provides capability to project future requisitions of consumables, reparable, and</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct maintenance, logistics-chain, and supply-chain management</li> <li>• Generate maintenance and supply readiness reports</li> <li>• Track repair orders, parts, and availability of maintenance personnel</li> <li>• Maintain asset visibility across the Marine Corps</li> <li>• Manage a service parts inventory</li> <li>• Create purchase orders to requisition parts from external agencies</li> </ul>

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	<p>general supply items at the MAGTF level based on expiration dates, lot numbers, and usage</p> <ul style="list-style-type: none"> <li>• Provides capability to source an item from an external vendor and create a purchase requisition for items not available internally at the retail level</li> </ul>	
<p>Supported Activities Supply System (SASSY)  <i>Note: SASSY supply management capabilities are incorporated into GCSS-MC. SASSY user capabilities will be terminated as units cut over to GCSS-MC</i></p>	<ul style="list-style-type: none"> <li>• Automated information management system (AIS) application that provides the retail supply accounting functions such as stock replenishment, requirement determination, receipts, inventory, stock control, and asset visibility for all Marine Corps units</li> <li>• Functions as a centralized record-keeper, stock manager, forecaster, and central data bank for the using units without negating command responsibility</li> <li>• Used to account for individual and unit combat equipment, major end items, and repair parts</li> <li>• Capable of processing all user input once during each 24-hour period</li> </ul>	<ul style="list-style-type: none"> <li>• Maintain accountability and visibility of major end items and repair parts throughout the Marine Corps</li> <li>• Manage supply records, stock levels, and generate forecasts</li> <li>• Perform daily supply record keeping</li> </ul>
<p>Asset Tracking Logistics and Supply System (ATLASS) <i>Note: ATLASS supply management capabilities are incorporated into GCSS-MC. ATLASS user capabilities will be terminated as units cut over to GCSS-MC</i></p>	<ul style="list-style-type: none"> <li>• Produces materiel requisitions for processing inside and outside the Marine Corps</li> <li>• Generates tailored management reports that provide visibility of on-hand assets versus allowances</li> <li>• Provides accurate logistics information related to combat capability of operational forces</li> <li>• Oriented to the management of all classes of supply except Class V (Ammo)</li> <li>• Provides databases to manage various elements of information at five distinct levels: SASSY Management Unit (SMU), Main Account, Combat Service Support Element (CSSE), Using Units, and Detachments (primarily for the support of MARFORRES)</li> </ul>	<ul style="list-style-type: none"> <li>• Produce material requisitions for processing inside and outside the Marine Corps</li> <li>• Generate reports to compare on-hand assets to allowances</li> <li>• Manage all classes of supply except Class V</li> </ul>
<p>WIR On Line Process Handler (WOLPH) <i>Note:</i></p>	<ul style="list-style-type: none"> <li>• Online Automated Information System application that allows</li> </ul>	<ul style="list-style-type: none"> <li>• Produce WIR packages</li> <li>• Submit end items for WIR</li> </ul>

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<p><i>Will be incorporated into GCSS-MC via Service Request process in 2012.</i></p>	<p>units to submit a WIR without having to generate a naval message</p>	
<p>Storage Retrieval Asset Tracking Information System (STRATIS)</p>	<ul style="list-style-type: none"> <li>• Warehouse management system which manages warehouse operations through integration of dedicated localized computer hardware, radio frequency communications, automatic identification equipment, and application software</li> <li>• Performs in real time directing and managing labor</li> <li>• Maximizes equipment utilization and tracks and controls inventory</li> <li>• Makes decisions on storage location based on profile of items; tracks shelf-life items</li> </ul>	<ul style="list-style-type: none"> <li>• Track and control equipment inventory</li> <li>• Manage warehouse operations utilizing AIT and radio frequency identification (RFID)</li> </ul>
<p>Material Returns Program Marine Corps (MRP MC)</p>	<ul style="list-style-type: none"> <li>• Provides user the ability to offer excess materiel to other components or to wholesale inventory managers, generate issue documents, establish due-in on receipt records, and process a financial credit for the returning component</li> </ul>	<ul style="list-style-type: none"> <li>• Offer excess on-hand supply to other components or to wholesalers</li> </ul>
<p>Hazardous Substance Management System (HSMS)</p>	<ul style="list-style-type: none"> <li>• Produces required environmental reports per federal, state, and local laws</li> <li>• Provides for overall inventory management of hazardous material, issuing at less than standard supply unit of issue and the acceptance and reissue of free material for the purpose of minimizing the waste stream and maximizing reutilization</li> <li>• Satisfies Executive Order 12856, 13101, and 13148 that requires an automated system for the management of hazardous materials</li> </ul>	<ul style="list-style-type: none"> <li>• Generate required environmental reports</li> <li>• Manage inventory and distribution of all hazardous materials within a unit</li> </ul>
<p>Ordnance Information System (OIS)*</p>	<ul style="list-style-type: none"> <li>• Provides ordnance logistics support to ashore and afloat forces, to include receipt, segregation, storage, and issue of ordnance stocks</li> <li>• Provides inventory management functions related to the determination of required disposition of ordnance items to include maintenance, expenditure, sale, or</li> </ul>	<ul style="list-style-type: none"> <li>• Manage ordnance stock levels</li> <li>• Manage the receipt, segregation, storage, and issue of ordnance items</li> <li>• Plan, control, and track the transportation of ordnance items</li> </ul>

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	<p>demilitarization of an asset</p> <ul style="list-style-type: none"> <li>• Provides for the planning, control, responsibilities, and procedures related to transportation of conventional ordnance and the monitoring, tracking, and management of service-wide transportation funds used to finance ordnance movements</li> <li>• Determines optimum locations for worldwide ordnance stocks, considering combat and non-combat requirements, force deployments, allowances, throughput capabilities, political factors, training sites, and other pertinent factors</li> </ul>	
<p>Total Life Cycle Management - Operational Support Tool (TLCM-OST)</p>	<ul style="list-style-type: none"> <li>• Allows users to efficiently access materiel readiness information required to effectively manage their unit's supply and maintenance readiness posture</li> <li>• Provides a snapshot of asset-specific status info including: requirements funding, acquisition fielding, operations/maintenance, and disposal</li> <li>• Reduces research time for problems and gives more time to find solutions</li> <li>• Combines current and historical business intel info from supply, maintenance management, and other Marine Corps legacy systems into one reliable data repository that can be accessed in seconds</li> </ul>	<ul style="list-style-type: none"> <li>• Manage unit supply and maintenance readiness</li> <li>• Develop readiness-related briefs</li> <li>• Develop readiness trends, problems, and associated causes</li> </ul>
<p>Total Ammunition Management Information System Redesigned (TAMIS-R) *</p>	<ul style="list-style-type: none"> <li>• Prepares training and operational load ammunition forecasts</li> <li>• Calculates training ammunition requirements and combat and sustainment load requirements</li> <li>• Enables the preparation, validation, and routing of electronic requests for ammunition</li> <li>• Collects ammunition expenditures and prepares reports</li> </ul>	<ul style="list-style-type: none"> <li>• Generate training and operational ammunition forecasts</li> <li>• Prepare, validate, and route electronic ammunition requests</li> <li>• Maintain ammunition expenditures and generate expenditure reports</li> </ul>
<p>Marine Corps Food Management</p>	<ul style="list-style-type: none"> <li>• Provides automated subsistence supply and food service support</li> </ul>	<ul style="list-style-type: none"> <li>• Manage Class I forecasting requirements</li> </ul>

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<p>Information System (MCFMIS)</p>	<p>throughout the Marine Corps</p> <ul style="list-style-type: none"> <li>• Capable of forecasting requirements, processing requirements, inventory control, formulation of menus, meal production, recording headcount, manage operations, and communicating between mess halls and the food service office</li> </ul>	<ul style="list-style-type: none"> <li>• Formulate menus, meal productions, generate headcounts, and manage operations for mess halls</li> <li>• Maintain communication between mess halls and the food service office</li> </ul>
<p>CRANE Small Arms Web-Portal*</p>	<ul style="list-style-type: none"> <li>• Provides faster reporting and shipment notification capabilities by allowing authorized supply personnel to ship, receipt, and transfer serialized small arms via electronic 1348-1</li> <li>• Captures digital signatures and provides point of contact information, allowing unit personnel to coordinate in-transit shipments</li> <li>• Provides e-mail notification of in-transit weapons to receiving supply activities</li> <li>• Reduces discrepant shipment documentation</li> <li>• Allows commands to view their CRANE and annual asset verification reports</li> </ul>	<ul style="list-style-type: none"> <li>• Ship, receive, and transfer serialized small arms</li> <li>• Generate annual reports to validate on-hand serialized small arms</li> </ul>
<p>Total Force Structure Management System (TFSMS)</p>	<ul style="list-style-type: none"> <li>• Documents all force structure requirements and authorizations to include: unit descriptive and geographical hierarchy data, billet descriptive and unit relationship data, principle end item (PEI) attributes, manning and staffing precedence levels, unfunded requirement quantities, and planned procurement quantities</li> </ul>	<ul style="list-style-type: none"> <li>• Produce force structure requirements and authorization reports</li> </ul>
<p>Purchase Request (PR) Builder</p>	<ul style="list-style-type: none"> <li>• Automates the entire procurement process</li> <li>• Stores electronically all historical data related to purchase requests</li> <li>• Allows units to customize workflows and provides statuses via e-mail</li> </ul>	<ul style="list-style-type: none"> <li>• Produce, track, and maintain record of purchase requests</li> </ul>
<p>FEDLOG*</p>	<ul style="list-style-type: none"> <li>• Allows engineering, technical research, provisioning, procurement/contracting, supply, cataloging, maintenance, distribution, storage, transportation,</li> </ul>	<ul style="list-style-type: none"> <li>• Retrieve management, part/reference number, supplier, Commercial and Government Entity (CAGE), freight, interchangeability and</li> </ul>

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	quality assurance, and disposal personnel to retrieve management, part/reference number, supplier, commercial, Commercial and Government Entity (CAGE), freight, interchangeability and substitutability (I&S), and characteristics information recorded against NSNs	substitutability (I&S) and characteristics information recorded against NSN
WEB Federal Logistics Information System (FLIS)*	<ul style="list-style-type: none"> <li>• Provides essential information about supply items including the NSN, the item name, manufactures and suppliers (including part numbers), through a web interface connected to FLIS data</li> </ul>	<ul style="list-style-type: none"> <li>• Generate essential information about supply items including the NSN, the item name, manufacturers and suppliers</li> </ul>
Electronic Retrograde Management System (eRMS) (USN)	<ul style="list-style-type: none"> <li>• Allows access to the Navy's ATAC process and its hub-and-spoke network for retrograde management</li> <li>• Includes a web-based DLR/Secondary Reparable (SECREP) retrograde processing application that allows users to accurately identify retrograde, submit transaction item reports (TIR), print bar coded 1348-1 shipping documents, create shipping manifests and DD 1387 military shipping labels, post proof of shipment and delivery, identify ATAC exception items (EI), identify carcass constrained items; and create EI, quality deficiency report (QDR), and engine shipping documentation</li> </ul>	<ul style="list-style-type: none"> <li>• Manage and track SECREP retrogrades</li> </ul>
Priority Material Office Integrated Supply Information System (PMO ISIS) (USN) <i>Note: Will be incorporated into GCSS-MC via Service Request process in the future</i>	<ul style="list-style-type: none"> <li>• Incorporates automated commercial database interfaces for asset screening, status checks, and shipment tracking</li> <li>• Capable of world-wide web accessibility with multiple customer-oriented functions</li> </ul>	<ul style="list-style-type: none"> <li>• Enter requisitions</li> <li>• Track requisitions</li> <li>• Exception identification and handling</li> <li>• Generate automated status updates</li> <li>• Confirm requisition receipts</li> <li>• Produce tailored reports</li> </ul>
Relational Supply (RSUPPLY) (USN)	<ul style="list-style-type: none"> <li>• Gives supply personnel afloat the tools and functions necessary to order, receive, and issue services and materials and maintain financial records</li> <li>• Provides the capability to reconcile supply, inventory, and financial records with the</li> </ul>	<ul style="list-style-type: none"> <li>• Order, receive and issue services and material and maintain financial records</li> <li>• Conduct Supply, inventory, and financial records reconciliation</li> </ul>

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	shore infrastructure	
Information Management for the 21st Century (INFORM-21) (USN)	<ul style="list-style-type: none"> <li>• Warehouse/repository containing Supply Chain Management data for over 2,500 Navy and Marine Corps DODAACs</li> <li>• Analytical supply metrics tool that delivers average customer wait time (ACWT) analysis, logistics response time (LRT) analysis, asset visibility, stock positioning recommendations, and demand analysis</li> <li>• Integrates data collection from disparate data sources (e.g. systems such as DAASC, MFCS, U2, etc.) to provide required tools for timely and strategic decision-making; including tailored data extraction/extrapolation and ad hoc query/reporting capabilities</li> </ul>	<ul style="list-style-type: none"> <li>• Optimize retail stock positioning</li> <li>• Measure retail supply chain performance (Order Ship Time, Customer Wait Time, Logistics Response Time)</li> </ul>
Web Visual Logistics Information Processing System (WebVLIPS)	<ul style="list-style-type: none"> <li>• Provides online access to requisition statuses to track requisitions from release into the Department of Defense pipeline, until the material is posted to the accountable records at the destination activity</li> <li>• Provides capability to track reports of excess, and the movement of those excesses to the destination depot for disposal</li> </ul>	<ul style="list-style-type: none"> <li>• Track supply requisitions</li> <li>• Track the disposal of excess materials</li> </ul>
<b>MAINTENANCE</b>		
MLS2	Capability	Functionality
Global Combat Support System Marine Corps/Logistics Chain Management (GCSS-MC/LCM)	<ul style="list-style-type: none"> <li>• Provides user end-to-end logistics-chain and supply-chain management</li> <li>• Provides user the capability to see what equipment needs to be repaired, where the parts are located, and who is available to perform the work</li> <li>• Allows user to plan for and schedule maintenance resources and have the ability to review item configuration, readiness information, and past historical and ownership in a data repository environment</li> <li>• Provides the capability to determine when and where supplies, such as inventory,</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct maintenance, logistics-chain, and supply-chain management</li> <li>• Generate maintenance and supply readiness reports</li> <li>• Track repair orders, parts, and availability of maintenance personnel</li> <li>• Maintain asset visibility across the Marine Corps</li> <li>• Manage a service parts inventory</li> <li>• Create purchase orders to requisition parts from external agencies</li> </ul>

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	<p>purchase orders, and work orders, should be deployed within an extended supply chain</p> <ul style="list-style-type: none"> <li>• Provides the capability to manage a service parts inventory in a multi-location environment</li> <li>• Provides capability to project future requisitions of consumables, reparables, and general supply items at the MAGTF level based on expiration dates, lot numbers, and usage</li> <li>• Provides capability to source an item from an external vendor and create a purchase requisition for items not available internally at the retail level</li> </ul>	
<p>Marine Corps Integrated Maintenance Management System (MIMMS) <i>Note: MIMMS maintenance management capabilities are incorporated into GCSS-MC. MIMMS user capabilities will be terminated as units cut over to GCSS-MC</i></p>	<ul style="list-style-type: none"> <li>• Provides for effective maintenance management and ground equipment readiness reporting</li> <li>• Provides reports containing active maintenance and repair parts information used for effective maintenance production and engineering practices at all levels</li> <li>• Provides data to collect historical costs and maintenance engineering information</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct maintenance management</li> <li>• Generate maintenance management reports</li> <li>• Track active maintenance and repair parts information</li> </ul>
<p>Marine Corps Integrated Maintenance Management System - Personal Computer (PCMIMMS) <i>Note: PC-MIMMS capabilities are incorporated into GCSS-MC. PC-MIMMS user capabilities will be terminated as units cut over to GCSS-MC</i></p>	<ul style="list-style-type: none"> <li>• Enhances the functions performed for the induction of maintenance and maintenance management data to the MIMMS mainframe system and functions in a deployed environment</li> <li>• Provides maintenance management visibility to the user level while simultaneously collating maintenance engineering analysis information for item management</li> </ul>	<ul style="list-style-type: none"> <li>• Generate maintenance management reports</li> <li>• Track active maintenance and repair parts information</li> </ul>
<p>Electronic Maintenance Support System (EMSS)</p>	<ul style="list-style-type: none"> <li>• Provides a rugged expeditionary support system for on-demand access to electronic technical publications, maintenance and supply data</li> </ul>	<ul style="list-style-type: none"> <li>• Access electronic technical publications and maintenance and supply data for end items</li> </ul>
<p>Stock List 1-2/1-3 (SL 1-2/1-3)</p>	<ul style="list-style-type: none"> <li>• Produces a cross-reference of equipment names and models to item designator numbers and a list of equipment to authorized</li> </ul>	<ul style="list-style-type: none"> <li>• Identify all publications authorized for use in the Marine Corps</li> </ul>

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	maintenance publications	<ul style="list-style-type: none"> <li>• Identify all equipment-associated publications</li> </ul>
Total Life Cycle Management - Operational Support Tool (TLCM-OST)	<ul style="list-style-type: none"> <li>• Allows users to efficiently access materiel readiness information required to effectively manage their unit's supply and maintenance readiness posture</li> <li>• Provides a snapshot of asset-specific status info including requirements funding acquisition fielding operations/maintenance and disposal</li> <li>• Reduces research time for problems and gives more time to find solutions</li> <li>• Combines current and historical business intel info from supply, maintenance management, and other Marine Corps legacy systems into one reliable data repository that can be accessed in seconds</li> </ul>	<ul style="list-style-type: none"> <li>• Manage unit supply and maintenance readiness</li> <li>• Develop readiness-related briefs</li> <li>• Develop readiness trends, problems, and associated causes</li> </ul>
Asset Enterprise Management Information Tool - Electronic Weapon Record Book (AEMIT-EWRB)	<ul style="list-style-type: none"> <li>• Used by artillery operators and technicians to track firing and non-firing data, and capture asset visibility of all M777A2 LW155 Howitzers throughout the Marine Corps</li> <li>• Provides the artillery community a capability to view, record, track, and maintain historical data on the Howitzer in a near-real time environment for the service life of the weapon system</li> </ul>	<ul style="list-style-type: none"> <li>• Track firing and non-firing data on the M777A LW 155 Howitzer</li> <li>• Maintain asset visibility and record of all Howitzers in the Marine Corps</li> </ul>
<b>TRANSPORTATION</b>		
MLS2	CAPABILITY	FUNCTIONALITY
Transportation Capacity Planning Tool (TCPT)	<ul style="list-style-type: none"> <li>• Provides the commander a decision support tool for transportation and engineering equipment, planning, management, and mission execution</li> <li>• Allows transportation planners throughout the MAGTF to view transportation capacity through movement requests, personnel and equipment resources</li> <li>• Provides a unit a standard method to electronically manage organic transportation/engineer resources</li> <li>• Provides a unit a standard</li> </ul>	<ul style="list-style-type: none"> <li>• Manage organic transportation equipment</li> <li>• Manage organic material handling equipment (MHE)</li> <li>• Manage licensing of personnel</li> <li>• Manage electronic dispatching</li> <li>• Associate equipment to convoy tracker</li> <li>• Manage Transportation Movement Requests (TMRs)</li> <li>• Manage Ground Transportation Requests (GTR)/Ground Transportation Orders</li> </ul>

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	method to electronically submit and track transportation requests beyond organic capability	(GTO)
Warehouse to Warfighter Last Tactical Mile (W2W-LTM)	<ul style="list-style-type: none"> <li>• Provides commander near-real time in-transit visibility data feeds to BCS3 for the movement of supplies and materiel</li> <li>• Allows using unit to view movement of supplies and materiel from supporting to supported unit</li> <li>• Provides a method to confirm delivery of supplies and materiel to supported unit</li> </ul>	<ul style="list-style-type: none"> <li>• Track sustainment moving from supporting to supported unit using the LTM-ITV server</li> <li>• Associate RFID tags to vehicles in order to support W2W-LTM</li> <li>• Ensure deliveries are recorded accurately</li> </ul>
Marine Air Ground Task Force (MAGTF) Deployment Support System II (MDSS-II)	<ul style="list-style-type: none"> <li>• Capable of supporting rapid military Force Deployment Planning and Execution (FDP&amp;E) at the tactical and operational levels; or at origin, from origin to point of embarkation (POE), from point of debarkation (POD) to destination, and at destination</li> <li>• Provides commanders at various echelons of the MAGTF the ability to provide a unit-level database of equipment and personnel, build and maintain a database containing force and deployment data, retrieve information in near-real time in the form of reports and ad hoc queries, and use automated information technologies (AIT) to collect data and track equipment</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct FDP&amp;E</li> <li>• Maintain a database containing force and deployment data</li> <li>• Use automated information technologies (AIT) to collect data and track equipment</li> </ul>
Automated Manifest System - Tactical (AMS-TAC) *	<ul style="list-style-type: none"> <li>• Provides In-Transit Visibility/Total Asset Visibility (ITV/ATV) to increase cargo accountability in support of break-bulk and cross-dock operations, shipping and retrograde operations, freight receipt and dispatch, and small package receipt and dispatch</li> </ul>	<ul style="list-style-type: none"> <li>• Track cargo utilizing ITV/ATV capabilities</li> </ul>
Global Air Transportation Execution System (GATES) *	<ul style="list-style-type: none"> <li>• Provides complete in-transit visibility (ITV) of personnel and assets moving within the Defense Transportation System (DTS)</li> <li>• Provides users automated functionality to process/track cargo and passenger information, supports</li> </ul>	<ul style="list-style-type: none"> <li>• Track personnel and cargo utilizing ITV</li> </ul>

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	management of recourses, provides logistical support information, generates standard and ad hoc reports, supports scheduling and forecasting, and provides message routing and delivery service for virtually all transportation data	
Cargo Movement Operation System (CMOS)*	<ul style="list-style-type: none"> <li>• Provides automated support to the traffic management process of receiving, packing, consolidating, mode selection, marking, and documenting shipments.</li> <li>• Reports in-transit visibility information for cargo and passengers moving through the Defense Transportation System by providing data to the Integrated Data Environment/Global Transportation Network Convergence (IGC).</li> </ul>	<ul style="list-style-type: none"> <li>• Process Continental United States (CONUS and Outside Continental United States (OCONUS) cargo movements</li> </ul>
Integrated Data Environment (IDE)/Global Transportation Network (GTN) Convergence (IGC)*	<ul style="list-style-type: none"> <li>• Provides visibility over movement of personnel and equipment assets to war planners or combatant commanders and is an essential tool for support of deployed or deploying forces</li> <li>• Provides line-item-level data on assets to achieve ITV/TAV</li> </ul>	<ul style="list-style-type: none"> <li>• Generate line-item-level data on assets to achieve ITV/TAV</li> </ul>
National In-Transit Visibility (ITV) Server*	<ul style="list-style-type: none"> <li>• Uses RFID tag technology to pinpoint materiel locations when the materiel passes through a checkpoint</li> <li>• Provides TAV of materiel</li> </ul>	<ul style="list-style-type: none"> <li>• Trace the identity, status, and location of cargo from origin to destination</li> <li>• Receive near real-time position reports for cargo conveyances</li> </ul>
Portable Deployment Kit (PDK)	<ul style="list-style-type: none"> <li>• Provides a complete portable RFID solution for real-time nodal, end-to-end visibility of materiel and critical assets moving through the supply chain</li> </ul>	<ul style="list-style-type: none"> <li>• Collect and process data from active RFID tags on materiel and transmit the data through the network to the DOD ITV network server</li> </ul>
Single Mobility System (SMS)	<ul style="list-style-type: none"> <li>• Allows users to track air, sea, and land transportation assets</li> <li>• Provides aggregated reporting of cargo, personnel and transportation assets</li> <li>• Provides mission detail for transportation assets</li> <li>• Provides the ability to search for transportation assets by nodal location</li> </ul>	<ul style="list-style-type: none"> <li>• Track the movement of cargo and personnel from port of embarkation (POE) to port of debarkation (POD)</li> </ul>

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GeoDecisions IRRIS (IRRIS)*	<ul style="list-style-type: none"> <li>• Uses RFID tag technology to integrate, display, and overlay critical information about transportation infrastructure, near-real time traffic and weather conditions, and asset information</li> </ul>	<ul style="list-style-type: none"> <li>• Track fixed or mobile assets including emergency vehicles, shipments, personnel, heavy equipment, and GPS enabled cell phones</li> </ul>
POWERTRACK*	<ul style="list-style-type: none"> <li>• Provides a system for tracking shipments and identifying the charge codes to which these shipments are charged</li> </ul>	<ul style="list-style-type: none"> <li>• Process shipment invoices electronically</li> <li>• Track transactions and make freight payments online</li> </ul>
Integrated Computerized Deployment System (ICODES)*	<ul style="list-style-type: none"> <li>• Provides load planning requirements that include ship/aircraft/rail</li> <li>• Choreographs the way equipment and supplies are loaded and unloaded from conveyances</li> <li>• Evaluates and proposes conveyance loading alternatives and recommendations</li> <li>• Satisfies the focused load planning demand of the Marine Corps by assisting personnel at the port of embarkation (POE) to react quickly and efficiently to changing transportation requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Develop conveyance cargo load plans</li> <li>• Develop personnel load plans for aircraft</li> <li>• Develop conveyance loading alternatives for changing transportation requirements</li> </ul>
Transportation Management System (TMS)	<ul style="list-style-type: none"> <li>• Provides a voucher certification operating module for processing transportation bills prior to submission to Defense Financial Accounting System (DFAS) for payment</li> </ul>	<ul style="list-style-type: none"> <li>• Certify vouchers for processing transportation bills</li> </ul>
Joint Operation Planning and Execution System (JOPES)*	<ul style="list-style-type: none"> <li>• Provides user ability to monitor, plan, and execute mobilization, deployment, employment, and sustainment activities associated with operations</li> <li>• Provides users with access to joint operations planning policies, procedures, and reporting structures that are supported by communications and automated data processing systems</li> <li>• Maintains and manages the Time-Phased Force and Deployment Data (TFPDD) database</li> </ul>	<ul style="list-style-type: none"> <li>• Develop detailed deployment requirements</li> <li>• Estimate logistics and transportation requirements and assess operation plan transportation and feasibility</li> <li>• Track deployment status during execution</li> <li>• Refine deployment requirements and monitor deployment</li> </ul>
<b>GENERAL ENGINEERING</b>		
MLS2	CAPABILITY	FUNCTIONALITY
Theater Construction Management System	<ul style="list-style-type: none"> <li>• Provides user capability to develop facility and</li> </ul>	<ul style="list-style-type: none"> <li>• Develop facility and installation construction</li> </ul>

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(TCMS) *	<p>installation plans to satisfy mission construction requirements</p> <ul style="list-style-type: none"> <li>• Provides user the ability to prepare site specific and new design or construction drawings or modify existing designs as required to fit mission requirements</li> <li>• Allows user to set up and manage construction progress as well as construction resource allocation and utilization throughout the construction time frame</li> <li>• Develops reports for transmission up the engineer chain of command to facilitate the decision-making process</li> </ul>	<p>plans</p> <ul style="list-style-type: none"> <li>• Manage construction progress and resource allocation</li> <li>• Generate engineering reports to facilitate decision making</li> </ul>
Advance Base Functional Component System (ABFCS) *	<ul style="list-style-type: none"> <li>• Provides a variety of functional capabilities to extend, as required, the logistics infrastructure that supports expeditionary operations</li> <li>• Allows users to query the database for information on bills of materials, facility design characteristics, manpower, and equipment requirements</li> </ul>	<ul style="list-style-type: none"> <li>• Generate bills of material, facility designs, and required manpower and equipment for construction projects</li> </ul>
Army Facilities Component System (AFCS) *	<ul style="list-style-type: none"> <li>• Provides engineer construction planning guidance, construction drawings, bills of materials and labor and equipment estimates</li> </ul>	<ul style="list-style-type: none"> <li>• Generate engineer bills of material, labor and equipment estimates, and blue prints for construction projects</li> </ul>
AutoDise*	<ul style="list-style-type: none"> <li>• Engineers Distribution Illumination System, Electrical (DISE) layouts for systems that consist of several shelters, electrical consumers, and electrical power generators</li> </ul>	<ul style="list-style-type: none"> <li>• Produce electrical camp layouts, required equipment inventory, and electrical system analysis to include total electrical loads</li> </ul>
Facilities, Intelligence, Reconnaissance, Engineering, Spatial Tool for Operations and Resources Management (FIRESTORM) *	<ul style="list-style-type: none"> <li>• Allows for self-service, web-based real property management, tracking, and reporting capability for contingency environments</li> <li>• Consumes all geospatial and infrastructure information provided by users in the contingency area of responsibility and stores it in readily accessible online databases</li> </ul>	<ul style="list-style-type: none"> <li>• Generate geospatial and infrastructure information for an area of responsibility</li> </ul>
Geospatial Expeditionary	<ul style="list-style-type: none"> <li>• Provides automated support for contingency beddown planning</li> </ul>	<ul style="list-style-type: none"> <li>• Develop plans for placement of deployable</li> </ul>

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Planning Tool (GeoExPT)*	and sustainment operations <ul style="list-style-type: none"> <li>• Provides capability to determine aircraft parking requirements, auto parks aircraft on established surfaces, places deployable facility and utility assets, provides automatic constraint checks, manages airfield damage, and generates a variety of reports and timelines</li> </ul>	facility and utility assets, aircraft parking requirements, and provide automatic constraint checks <ul style="list-style-type: none"> <li>• Produce construction reports and timelines</li> </ul>
Joint Engineer Planning and Execution System (JEPES)*	<ul style="list-style-type: none"> <li>• Provides commanders and engineer staff with capabilities to tailor the TPFDD for engineer requirements</li> <li>• Enables staff to identify construction requirements, align engineer force structure, build engineer-specific requirements, and provide cost estimates within the TPFDD in coordination with the Joint Operation Planning and Execution System (JOPES)</li> </ul>	<ul style="list-style-type: none"> <li>• Tailor the TPFDD for engineer requirements</li> </ul>
<b>HEALTH SERVICES</b>		
MLS2	CAPABILITY	FUNCTIONALITY
Medical Readiness Reporting System (MRRS)*	<ul style="list-style-type: none"> <li>• Provides commanders with the capability to record, track, and report aggregated medical data</li> <li>• Provides full visibility into individual medical readiness (IMR) status</li> </ul>	<ul style="list-style-type: none"> <li>• Record, track, and report medical data</li> <li>• Generate individual and unit medical readiness reports</li> </ul>
Defense Medical Logistics Stand Support (DMLSS)*	<ul style="list-style-type: none"> <li>• Delivers an automated and integrated information system with comprehensive range of medical materiel, equipment, and war reserve materiel</li> <li>• Composed of multiple modules, to include assemblage management (AM) and equipment maintenance</li> </ul>	<ul style="list-style-type: none"> <li>• Generate information concerning the allocation of resources for operations and maintenance and alterations of medical facilities</li> <li>• Develop budgeting and accounting information management associated with the management of medical materiel and facilities</li> <li>• Track medical materiel and facilities management expenses</li> </ul>
Theater Medical Information Program (TMIP)*	<ul style="list-style-type: none"> <li>• Provides clinical data collection and data transport capability in a combat or hostile environment involving deployed forces for Longitudinal Electronic Health Records, Medical Surveillance,</li> </ul>	<ul style="list-style-type: none"> <li>• Track medical supplies</li> <li>• Track patients through the Air Evacuation System</li> <li>• Maintain health records and other medical information</li> </ul>

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	<p>C2 and tracking medical supplies, and tracking of patients through the Air Evacuation System</p> <ul style="list-style-type: none"><li>• Provides store and forward capability to the Defense Health Information Management System applications allowing electronic health records and other medical information and images to be transmitted from the theater of operations to the Joint Medical Workstation (JMews)/Medical Situation Awareness in Theater (MSAT), Theater Medical Data Store (TMDS), and ultimately the Clinical Data Repository (CDR)</li></ul>	<p>electronically</p>
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Procedures for Recommending the Standard Employment of MAGTF  
Logistics Support Systems Functions

1. The purpose of the MLS2 Standard Function Request (SFR) Form (NAVMC 11752) is to request clarification of existing content of this Bulletin or recommend standard functions to be included in enclosure (1).
2. A user of a MLS2 that has successfully implemented and proven a function of the system at a unit level should submit the function to be considered for Marine Corps-wide standardization.
3. The user's supervisor must endorse the form with standard naval letter endorsement and forward via their chain of command to their respective MEF/ MARFOR HQMC, I&L (LP) Liaison Officer (LNO).
4. The MEF/ MARFOR HQMC, I&L (LP) LNO will forward to HQMC, I&L (LPV) for MCATS staffing and upon approval, inclusion in the annual revision of the Bulletin.
5. The MLS2 SFR (NAVMC 11752) can be obtained at:  
  
<https://navalforms.daps.dla.mil>.
6. MEF/ MARFOR HQMC, I&L (LP) LNO Points of Contact:  
  
I MEF LNO: 760-725-9244  
II MEF LNO: 910-376-5218  
III MEF LNO: DSN 315-622-7333  
MARFORSOC LNO: 910-440-0745  
MARFORRES LNO: 504-697-8058