



Global Combat Support System-Marine Corps (GCSS-MC)

Program Overview and Status

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Agenda



- Bottom Line Up Front
- GCSS-MC Program Overview
- Increment 1 Concept of Employment
- Current Increment 1 Schedule
- Release 1.1 Total Force Implementation
- Mobile Field Service (MFS)
- Release 1.2 Program Status
- Benefits
- Way Ahead



Bottom Line Up Front



- Release 1.1 "Enterprise" Implementation remains on track
 - 58% complete (units); 69% complete (Users); Data Quality near flawless
- Release 1.2 "Deployable Capability" executing revised testing schedule
 - Mobile Field Service (MFS) fielded to CLB 15 Feedback is positive
 - Execution nearly complete (based on results from 24 April)
 - Resolving/Closing issues identified during test
 - Verification Correction of Deficiencies (VCD) target completion date is 4 May
 - Will take a couple weeks to review results
- PDSS and Oracle R12 Upgrade Contracts in final stages for Release
 - Draft PDSS Statement of Objectives has been released to Industry

CLB = Combat Logistics Battalion

Continued Deployment + Rel 1.2 D/T + R12 + OEF + PDSS have challenged workforce & schedule



GCSS-MC Program Overview



Program Description

GCSS-MC is the primary technology enabler for the Marine Corps Logistics Modernization strategy and provides the backbone for all logistics information required by the Marine Air Ground Task Force (MAGTF). The core is modern, commercial-off-the-shelf enterprise resource planning software (Oracle 11i e-Business Suite). GCSS-MCs design is focused on enabling the warfighter to operate while deployed with reachback from the battlefield.

GCSS-MC is being implemented in Increments. Increment 1 replaces 40-year old legacy supply and maintenance information technology systems. The focus of future increments will be enhancing capabilities in the areas of warehousing, distribution, logistics planning, decision support, depot maintenance, and integration with emerging technologies to improve asset visibility.

Increment 1 Capabilities

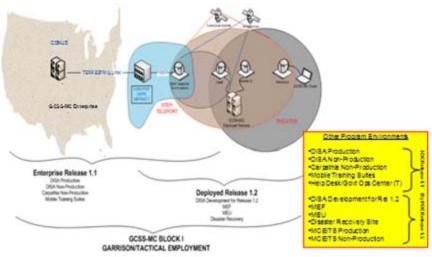
GCSS-MC Increment 1 being delivered in 2 Releases

- Release 1.1:
 - ➤ Enterprise Server Suite; Helpdesk; Operations Center; Tiers 3 & 4
 - ➤ Fielded to OPFORS (MEFs) and LOGCOM
 - Licensing and training for up to 36,000 users
- Release 1.2:
 - > Deployed Server Suites fielded to MEFS for MAGTF use
 - > Mobile Field Service Capability for disconnected operations
 - > Provides Task Organization and Data Synchronization

GCSS-MC Provides:

- Single integrated supply/maintenance system
- Visibility / enhanced equipment accountability
- Near real time information to support decision making
- Deployable to austere environments
- Capability to work in disconnected environment

Increment 1 Architecture



Full Capability Activities

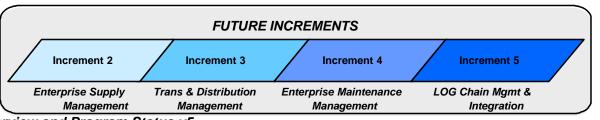
- Complete Increment 1 system rollout FOC/FD in FY13.
- Oracle e-Business Suite Release 11 upgrade to R12 in FY12-14.
- Increment 2 USMC Wide Supply Capability Implements Wholesale & Retail Warehouse Mgmt and AIT/IUID, expands Increment 1 capability to the Supporting Establishment, & adds additional Classes of Supply in future increments
- Increment 3 Transportation/Distribution/In-transit Visibility Focus on Planning the Modes, Links and Schedules of the Intra-Theater Trans. & Distribution System
- Increment 4 Focus on Intermediate & Depot Maintenance for the Supporting Establishment. Effort



Schedule Overview



Calendar Yr CY201				2011	-		CY	2012		CY2013				CY2014				CY2015				CY2016				CY2017				CY2018		
Fiscal Year FY2011			FY2012					FY2013			FY2014				FY2015				FY2016			FY2017					FY2018					
Quarter	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
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Future Increments Schedule		- 1 4	Acq	Miles Decis	sions	pdate	s		7	v	Vhole	Nev esale	v Eff	Incoment 2 Page 19 Pag	rem	btyping Detailed	Design	MS E		rement MS C er	Lir De	inited ploy iansition In (Deplo Prod F	oyment ielding nent 3 MS B		rement MS C	3	Limited Deploy st/Transit	l ion	agen ncremen i FDD Deploy Prod Fi	rment	r 2012





Increment 1 Concept of Employment



ENTERPRISE

Tiers

- Client
- Application
- Database

Secure, Accredited Webaccessible Environment

Real-time supply & maintenance functionality

Centralized Enterprise-level Server Farm

Today: DISA; Future: MCEITS

Release 1.1



- + 365 day x 24 hour Helpdesk
- + GCSS Operations Center
- + ITIL V3 Tiered Support



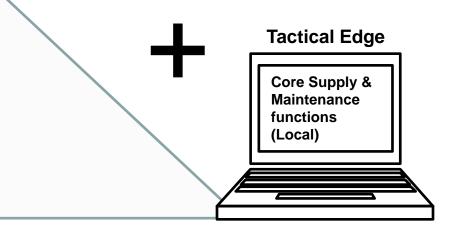
Deployable



Release 1.2

Seven (7) T / Eleven (11) O Same Functionality as Enterprise **Deployable Servers**

Support Deploying Marine Air Ground Task Forces (MEUs; MEBs; SPMAGTFs)



Mobile Field Service (MFS) application

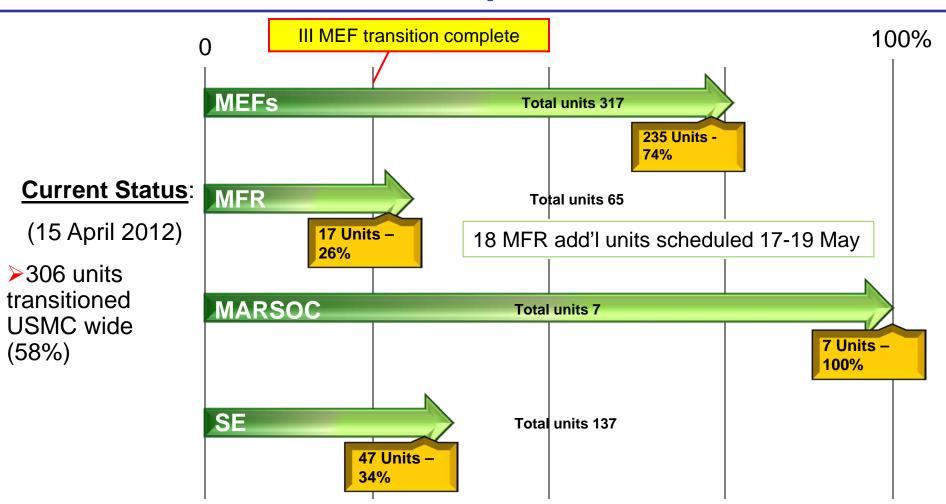


MCEITS = Marine Corps Enterprise IT Services



Program Status Release 1.1 Total Force Implementation





Fielding of Increment 1 sunsets four legacy systems in Dec 2012: MIMMS, SASSY, PC-MIMMS, & ATLASS



Quick Reaction Assessment (QRA)



Background:

- ➤ MCOTEA executed initial QRA during Feb 2012 as directed by ACMC
 - Units supporting testing:
 - III MEF (Okinawa)
 - USS Essex (tied to pier in Sasebo, JN)
 - 9th Comm Bn (Camp Pendleton)
 - Result: Release 1.1 (Enterprise) provides deployable support with limitations

Where We Are:

- ➤ QRA II: Additional shipboard testing was conducted w/ II MEF (26th MEU)
 - > Evaluation team embarked on 9 April in Norfolk / Disembarked in New Orleans on 17 April
 - ➤ Test Results expected to be reported by MCOTEA in May

Way Ahead:

Results will inform / provide data on Enterprise support capability for Deployed units



Mobile Field Service (MFS)

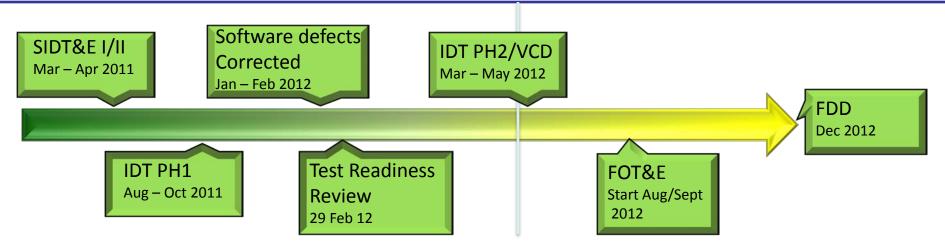


- ➤ Mobile Field Service (MFS) provides:
 - Software loaded on laptop computer with streamlined GCSS-MC functionality (request for service, supply, or maintenance)
 - Intended for use by small units, detachments and commodities
 - Functions in high latency or disconnected environments
 - Synchronizes with "Enterprise" or "Deployed" server via internet or export file
- CLB-15 first unit fielded w/ MFS conducting system shake out against Enterprise
 - Marines really like the MFS capability



GCSS-MC Release 1.2 Program Status





- ➤ Integrated Developmental Testing end state
 - Revised testing schedule on track
 - Hardware built out tested
 - Software configuration maturing

SIDT&E – Systems Integrated Developmental Test & Evaluation

IDT – Integrated Developmental Test

VCD – Verification of Correction of Deficiencies

FOT&E – Follow-on Operational Test & Evaluation

FDD – Full Deployment Decision

Integrated Developmental Test/Verification Correction of Deficiencies IDT concluded, now in VCD



Benefits Being Realized + To Be Realized



TACTICAL	OPERATIONAL	SERVICE LEVEL							
More efficient and effective	Inventory Cost	Clean Audit (FY-16)							
Logistics Chain	 Improved Cost Control (by 	Asset Depreciation							
 Improve metrics already realized 	Class & Item)	 Accurate Inventory Valuation 							
	Reduced Inventory Levels	OSD/Congress Reporting							
Improved equipment	Warranty Administration	Operations Analysis							
readiness	Cost Avoidance of unnecessary	Historical Transactions							
	Equipment Repairs	Historical + Active							
Increased asset	AAOs	Enterprise Planning							
accountability	Improved management of	Acquisition planning							
Serialized visibility	Equipment Approved Acquisition Objectives from TFMS	Logistics policy development							
Near real time data in	Readiness Reporting	COTS Product Advantages							
support of Commander's	Real-Time vice Batch	 Upgrade support 							
decision cycle	 Improved Reliability/Accuracy 	 System Security Updates 							

Enterprise visibility of assets and expenditure rates improves planning, lightens the MAGTF and increases operational flexibility and responsiveness



PDSS Overview



PDSS Responsibilities

- Enterprise NIPR, MEU, MEF, MTS Suites,
- Carpathia / Systems Development Environment (SDE) Oracle
 - Development and Contractor testing
- Government AccepProduction Support System (PSS) DISA
 - Stage and Government Acceptance Testing (GAT)
- Application Availability of Deployment Support System (DSS)
 DISA
- Application Availability of Production System DISA
 - System Support (Tiers 0-4)
 - High availability for the Marines

ITSM Model-using ITIL V3

- Utilizes enterprise level personnel as cross-matrixed support
- Allows for a structured way to manage and integrate personnel
- Uses best practices and is part of the DoD ITSM Strategy
- Provides for insight and oversight
- Services in GCSS-MC PDSS are framed within:
 - Strategy Support
 - Design Support
 - Transition Support
 - Operations Support
 - Continuous Service Improvement Support

Service Support Model

- GCSS-MC Users are supported by a layered infrastructure designed to optimize problem response times by proper categorization and prioritization of initial problems
- •Upon categorization and prioritization user problems are dispersed for resolution to specialized skill based support tiers
- The following (5) levels or "Tiers" make up the GCSS-MC supporting infrastructure within the GCSS-MC Enterprise Service Desk
 - Tier (0) Self Help
 - Tier (1) Direct Customer Support
 - Tier (2) Functional Application Support
 - Tier (3) Database & Specialized Support
 - Tier (4) External Support



OEF Pilot Overview



Adds Warehouse Management, Automatic Identification and data capture capabilities to GCSS-MC/LCM Increment 1 for deployment in Afghanistan



Phased Implementation Strategy

Phase I: Field GCSS-MC Release 1.1 (Enterprise Capability) at MCLC FWD (Camp Leatherneck, Afghanistan) ISO R4 (Summer 2012)



- > Phase II
 - ALM/WMS Pilot Implementation at a CONUS MEF (1st Qtr FY13)





➤ Phase III: Implementation at ISAF MAGTF Using Units (Summer FY13)

All phases are condition based and event driven



GCSS-MC Benefits



Reduced Time To Receive Parts and Supplies

 24% Order Ship Time reduction for intermediate supply for Okinawa since the beginning of FY2011

Improved Readiness

- 74% of GCSS-MC repairs are less than 30 days vice 56% for Legacy
- 58% of GCSS-MC repairs are 10 days or less vice 23% for Legacy

Reduced Time for Critical Supply Status

6 hours GCSS-MC average vice 1.5 days in legacy.

Reduced Inventory Levels:

 Okinawa Intermediate Level Inventory Cost – Decreased 4% (from \$9.2M to \$8.8M during 2nd Qtr FY-12)

^{*} Benefits Analysis based upon 3yr legacy average for III MEF units.

^{*} Additional baselining of I & II MEF units currently ongoing by LOGCOM with comparative data planned during May 2012.



Questions





mainland Japan in support of Operation Tomodachi, they took V with them relief supplies, humanitarian aid and equipment to help the Japanese recovery efforts. In addition to these things, they brought the newest component to support the Marine Corps' long legac as the U.S. military's quick reaction force.

After being used in garrison by III MEF for roughly a year, the Global Combat Support System-Marine Corps, a transformational, web-based, near real-time logistics system, made its first appearance in a forward. wironment with the 1st Marine Aircraft Wing in Atrugi, Ispan. "This system worked in the forward environment exactly the way

it does in garrison; no changes," said Marter Sgt. Nicholas F. Bluma. sintenance management chief. Assistant Chief of Staff G-4, 1st MAW. III MEF. "It really is the common-sense approach to logistics." Bluma personally used the GCSS-MC during the deployment and

was pleased with the effectiveness of the system. 'As long as (operators) have the training, connectivity and electricity it does work," he said. "The transition from garrison to deployed in

let MASV was not the only unit to successfully utilize the system during Operation Tomodachi, according to Eric Gray, Headquarters Marine Corps, Installation and Orgistics Department Logistics, Plans Princips, Strategic MAshir: Do on history officer C MEX.



2011 Carl E. Nelson Best Practices Winners Large Company Category (1,001+ employees) Global Combat Support Systems Marine Corps/ Logistics Chain Management

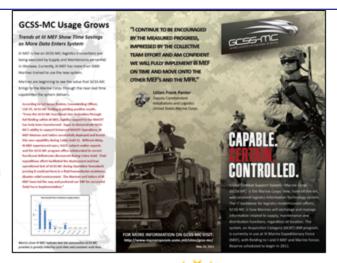




2010 2nd Annual SOA Symposium Best of Show - Case Study Global Combat Support System - Marine Corps

2010 Global Award for Excellence in BMP and Workflow North American - Silver

Global Combat Support System Marine Corps, USA





2011 CIO 100 Winner

United States Marine Corps Global Combat Support System - Marine Corps



2011 Excellence.Gov Finalist Operations of Government

Global Combat Support System - Marine Corps by Department of Defense - Marine Corps



III MEF first to finalize GCSS-MC transition

first MEF to complete the conver- subsequent trunsmi.

with the 1st Marine Aircraft Wing through scheduling solutions. CAMP FOSTER.—After 16 months in Atrugi, Japan while the unit of testing and transition. III Marine conducted relief efforts following Expeditionary Force became the Japan's March 11 earthquake and been vital to the overall success-

et System-Marine Corps, June 5. switching over to the new system. MEF G-4, along with the G-4s of there in front and taking the chal-The GCSS-MC, a web-based occurred in six phases over the the MLG, 3rd Marine Division, 1st lenge of being the first to make the ogistics system, was designed course of 15 mouths, said Gray.

ance in a forward environment months earlier than anticipated der transactions or modification

"The Satellite GCSS-MC Op- so we don't have to wait 34 hours erations Center WestPac here has ful conversion to the GCSS-MC." The process of completely said Gray. "The Marines of the III III MEF is putting themselves out MASK, Marine Corpe Bases Japan switch," said Dohse. "This program

are easy and done in real-time. "I like the idea that everyone

involved with the GCSS-MC at Despite the fact that some gen- and Havraii have also been a criti- change is a hig step for us-not only eare using industry— and make try surrounded the initial—cal component of an encount. — for us in the supply world, but for to and modified to trans—the overall switch — III MSF being—Virst to ——the Corps as a ———the