



Expeditionary Logistics Initiatives Roadmap



Installations and Logistics Department Brief to the Commandant of the Marine Corps





Task

Context

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3RD COMMANDANT OF THE MARINE CORPS

Commandant's Planning Guidance

The man who will go where his colors go without asking, who will fight a phantom foe in the jungle and mountain north without obeying, and who will suffer and die in the most difficult leadership without complaint, is the what he has always been from Imperial Rome to scattered Battalion to democratic America. He is the leader for which legends are made. His pride is in his colors and his joy is in his training hard and through and today ready to fit him for what he must face – and his obedience is to his orders. He has been called United States Marine.

T.R. Fehrenbacher
The Kind of War

34TH COMMANDANT OF THE MARINE CORPS



2006



Expeditionary Logistics Initiatives Roadmap



Focus

- People-, process-, and technology-based capability enhancements for the near term
- Mid-term Expeditionary Logistics enhancements to improve MAGTF support
- Long-term enhancement through Science & Technology investment
- Continued enhancement through the Marine Corps Logistics Campaign Plan





Expeditionary Logistics Initiatives Roadmap



Developing the Roadmap



Purpose

Articulate the Expeditionary Logistics needs across the FYDP



Method

Used working groups (HQMC, MCCDC, MCSC, LOGCOM, and MCWL) to review Lessons from OEF/OIF and to validate Expeditionary Logistics Initiatives



End State

Enhanced MAGTF capability in a less than mature theater





Expeditionary Logistics Initiatives Roadmap



Objective Provide the ability to operate independently in less than mature theaters

Logistics must be...

- Agile
- Flexible
- Scalable
- Anticipatory

Logistics chain must be...

- End-to-End
- Reliable
- Responsive



Expeditionary Logistics Support

Velocity and Leanness



Expeditionary Logistics Initiatives Roadmap

The Intent Enhanced Expeditionary Logistics Capabilities
Through Integrated Functional and Technical
Innovation ...



Doctrine - Agile Organizations - Training & Education - Enhanced Materiel
Innovative Leadership - High Quality People - and Facilities



Expeditionary Logistics Initiatives Roadmap



Responsiveness

Versatility and ability to anticipate the needs and rapidly deliver the right equipment, supplies, and personnel to the MAGTF



Challenges

- Forecasting requirements
- Mobility shortfalls
- Excess/Static inventory
- Effective location and transport of battlefield casualties
- Collaborative planning





Expeditionary Logistics Initiatives Roadmap



Responsiveness



Enhancements

- Decision Support Tools
 - Situation Awareness
 - Asset Visibility
- Predictive vs Reactive Maintenance
- Equipment Modernization
- Demand/Footprint reduction
- Logistics Integration
- Health Services





Expeditionary Logistics Initiatives Roadmap



Certainty

The high degree of assurance that the right logistics is delivered to the expeditionary MAGTF across the broad range of military operations on time.

Challenges

- Inadequate End-to-End Asset Visibility
- Lack of information systems integration and interfaces
- Lack of Situational Awareness to Focus Responses
- Inability to Convert Massive Amounts of Data into Actionable Information for Decision Makers





Expeditionary Logistics Initiatives Roadmap



Certainty

Enhancements

- Total Asset Visibility/In Transit Visibility
- Predictive vice Reactive Maintenance
- Reengineered Processes
- Decision Support Tools
 - Common Operating Picture
 - Situation Awareness
 - Assessment Indicators





Expeditionary Logistics Initiatives Roadmap



Control

The ability to effectively direct the logistics chain ensuring flexibility and agility in support of a globally deployed MAGTF



Challenges

- Communications Shortfalls
- Ineffective processes
- Unreliable estimates of supportability
- Inadequate End-to-End Asset Visibility





Expeditionary Logistics Initiatives Roadmap



Control



Enhancements

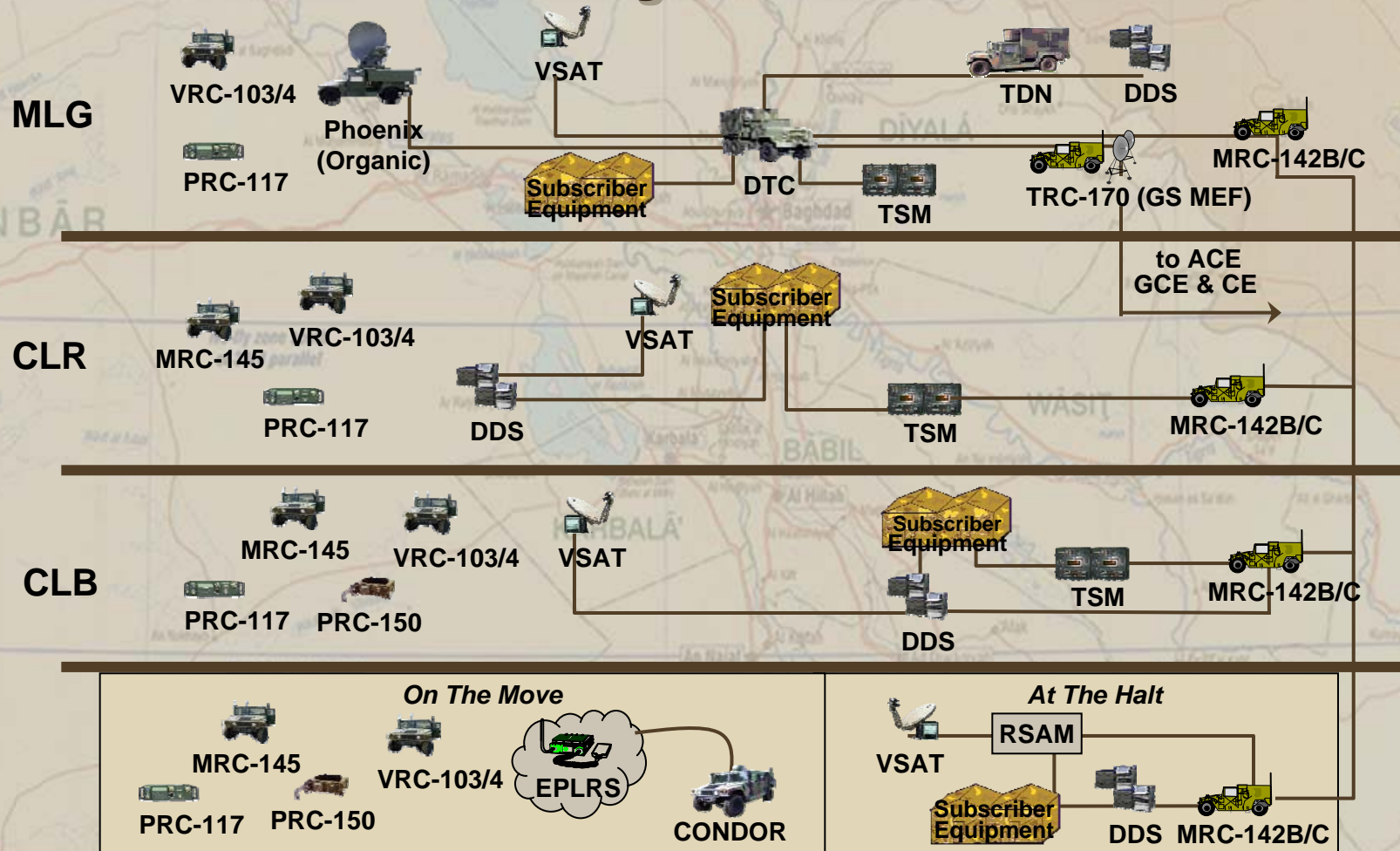
- Communication additions
- End-to-End Management of the Logistics Chain
- Habitual Support Relationships
- Decision Support Tools
- Actionable Information





Expeditionary Logistics Initiatives Roadmap

2010: LCE Communicating in a Less Than Mature Theater





Expeditionary Logistics Initiatives Roadmap



Near-Term Roadmap Initiatives

Expeditionary Logistics Initiatives	Responsiveness Versatility and ability to <u>anticipate</u> the needs and <u>rapidly</u> deliver the <u>right</u> equipment, supplies, and personnel to the MAGTF	Certainty The high degree of <u>assurance</u> that the <u>right</u> logistics is delivered to the expeditionary MAGTF across the <u>broad range</u> of military operations	Control The ability to <u>effectively direct</u> the logistics chain ensuring <u>flexibility</u> and <u>agility</u> in support of a <u>globally</u> deployed MAGTF
Logistics Command & Control	X	X	X
Marine Logistics Group Reorganization	X	X	X
MAGTF Distribution	X	X	X
MAGTF Aviation Logistics Support Program II	X	X	
Automatic Identification Technology	X	X	X
Naval Logistics Integration	X		X



Expeditionary Logistics Initiatives Roadmap

Near-Term Roadmap Initiatives Plan of Actions & Milestones



Milestone Date
 Decision Point
 Initial Operational Capability
 Documentation
 Full Operational Capability



Expeditionary Logistics Initiatives Roadmap



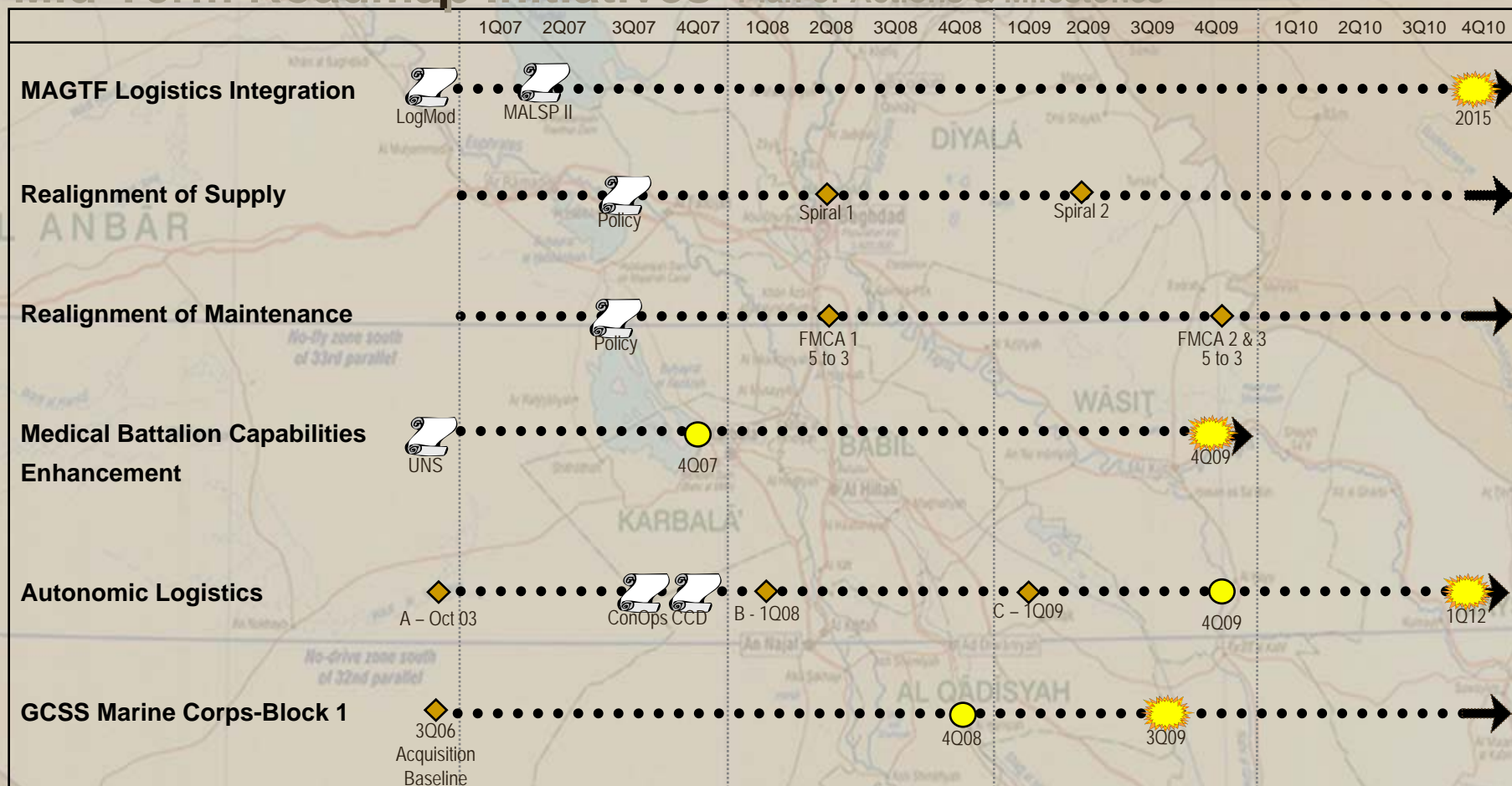
Mid-Term Roadmap Initiatives

Expeditionary Logistics Initiatives	<u>Responsiveness</u> Versatility and ability to <u>anticipate</u> the needs and <u>rapidly</u> deliver the <u>right</u> equipment, supplies, and personnel to the MAGTF	<u>Certainty</u> The high degree of <u>assurance</u> that the <u>right</u> logistics is delivered to the expeditionary MAGTF across the <u>broad range</u> of military operations	<u>Control</u> The ability to <u>effectively direct</u> the logistics chain ensuring <u>flexibility</u> and <u>agility</u> in support of a <u>globally</u> deployed MAGTF
MAGTF Logistics Integration	X		X
Realignment of Supply	X		
Realignment of Maintenance	X		
Medical Battalion Capabilities Enhancement	X		
Autonomic Logistics	X	X	X
GCSS-MC (Block 1)	X	X	X



Expeditionary Logistics Initiatives Roadmap

Mid-Term Roadmap Initiatives Plan of Actions & Milestones




Milestone Date
 Decision Point
 Initial Operational Capability
 Documentation
 Full Operational Capability








Expeditionary Logistics Initiatives Roadmap



Long-Term Capability Enhancements Science & Technology Initiatives

 S&T investment in logistics is primarily focused on four areas

- (1) Tracking
- (2) Packaging
- (3) Footprint reduction
- (4) Power generation

-  Total asset visibility technologies for sea based logistics operations
-  Predictive maintenance systems
-  Advanced expeditionary packaging and delivery
-  Water purification and water-making capabilities
-  Alternative power sources



Light, Lean, and Lethal





Expeditionary Logistics Initiatives Roadmap

What this means to the Lance Corporal

Wireless, Web-enabled Support Requests

Responds to my Needs

Minimal Load

Anticipates My Needs

Equipment Availability

Less Reporting Requirements

Confidence in Response

