Army Transformation

TRADOC Perspective

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Purpose:

Information brief on Future Combat System Combat Battalion Operational and Organizational Concept

- Operational Environment
- The FCS Foundation
- Qualities of "First"
- How It Fights What's Different?

Why Transformation

Our studies lead us to the following conclusions:

- Reach block obsolescence around 2010
- Geography and weather play a significant role in future operations

Review of lessons learned during inter-war period prepares us for the future

The human dimension is the strategic driver for transformation

The Foundation of Army Transformation Nature and Conduct of War

Enduring Nature

- Political Activity by Other Means
- Violent Act of Compulsion
- Uncertainty and Risk are Constraints
- Multitude of Variables Places Premium on Creativity of Commander
- Brutal, Ugly, Destructive, Personal
 - Human Dimension



Changing Conduct

- Technologies and Capabilities Mandate Change
- Changes in methods—tactics, strategies
- Expanding Battlespace Non-linear, expanding reach
- Information and Information Superiority
- Increasingly Joint, Multinational and Interagency
- History is an incomplete guide

Better is Better

Bottom Line: Objective Force O&O Recognizes the Enduring <u>Nature of Warfare</u>. Accounts For Changing <u>Conduct of Warfare</u> by New Methods and Acknowledges The Human Dimension Across Both. Seeks To Adapt To Changing Conduct of Warfare Faster Than Adversaries. Future Operational Environment Potential Adversaries Will Apply Lessons Learned From Our Successes



To Become More Powerful, More Sophisticated, More Dangerous





Unit of Action and FCS



Build it around force effectiveness, not platform effectiveness...



.. to enhance the human dimension

We are recruiting the objective force soldier today!





Close Combat

Needed: a Combat System-of-Systems that generates overmatching Fire, Maneuver, & Assault to destroy the enemy.

Extend tactical reach SO Fire & Maneuver Close Combat Assault Expected Outcome S&T community develops capabilities essential to the Future Combat System

Close combat is combat carried out with direct fire weapons, supported by indirect fire, air-delivered fires, & non-lethal engagement means. Close combat defeats or destroys forces or seizes & retains ground. The range between combatants may vary between several thousand meters down to hand-to-hand combat. **Close combat has one** purpose—to decide the outcome of battles & engagements.



The Red Zone

- The space where Combat battalions execute decisive combat
- A set of conditions & a temporal location
- Developed out of contact
- Possesses both linear & non-linear characteristics
- Red Zone fight can be waged using tactical stand-off supported by close combat assault; assault supported by tactical stand-off, or in balanced combination
- Principal defeat mechanism is destruction





Close Combat – Fight from Tactical Stand-off

- Principal method for winning the Red Zone fight
- Engage enemy at distance with BLOS or NLOS fires
- Tactical stand-off using LOS, BLOS, & NLOS capabilities create dilemma for the enemy. Enemy finds <u>no single focus for</u> <u>defense, counter</u> <u>action, or protection</u>



Close Combat – Execute Close Combat Assault

• Complements effects of tactical stand-off with overwhelming fires & tactical maneuver

- Assures enemy defeat or destruction
- Combat Battalion subordinate elements execute support-byfire & assault tasks near simultaneously & employ fighting teams in mounted & dismounted actions



FCS Developmental Strategy Integrating New Concepts



New concepts – commonality in leader, materiel, small unit design – to advance our ability to close with and destroy an enemy through

- Fire and maneuver
- Tactical assault

FCS Combat Battalion Mission Profile

- Attack against prepared infantry defenses
- Counterattack against advancing mechanized force
- Rapid reposition by air to conduct hasty attack
- Overland forced entry to secure site 50 km from landing site
- Hasty defense against dismounted night attack
- Defend against mounted / dismounted attack
- Defend strongpoint against dismounted infantry
- Combat recon for division offensive operations
- Secure a zone to separate warring factions
- Rear area security operations for division / corps

Mission set reflects examples of critical combat tasks across the spectrum of operations for analysis of the Combat Battalion





FCS ... a system of systems... ... for a team of teams... ... Soldiers enabled by technology

With enhanced leaders to enable full spectrum capability



Leadership... the driver for full spectrum capability

See First The parts, the whole, the environment



Deception

Understand First The Pattern, the Next Step

Understand: See the Pattern

Concept of operations

- Scheme of maneuver
- Centers of gravity
- Decisive points
- Vulnerabilities



Understand: See the Next step

- Enemy intent
- Where enemy will go
- ID likely methods
- Reaction and counteraction

Force enemy to understand last

- Deception
 - Pattern avoidance
- Irregular battlefield geometry

Act First

Platform:

- Shoot
- Move
- Reengage

Unit:

- Determine options
- **Decide first**
- Act to force reaction
- Establish Red Zone
 - Force enemy to act last or wrong

- - Execute shape action
 - Transition to Red Zone
- Transition to counteractions
 Synch fires and maneuver
 - Transition to assault
 - Remotely emplace obstacles
 - Preemptive & Immediate counterfire
 - Jam computers & wpns control
 - Deceive

Finish Decisively

- Destroy enemy ability to synch fight
- Eliminate enemy freedom of action
- Exploit success



- Conduct close combat -- transition to assault
- Follow through to enemy destruction exploitation & pursuit
- No tactical pause
- Focus on "Profitable Fight"
- Block moves to sanctuary
- Mission Staging of mnvr sustainment
- Vertical Envelopment
- Disrupt communications
- Remotely placed obstacles
- Logistics efficiency

Unit of Action and FCS





It's about force effectiveness...



... of fighting teams that promotes and exploits initiative of...



... Soldiers, Units, Systems, and Leaders







Summary

- Although the Nature of Warfare is Enduring, The Conduct is Changing
- Operational Environment and Operational Lessons Learned Point To the Needs for Army Transformation
- TRADOC is Framing Operational and Organizational (O&O) Concepts within context of the changing Operational Environment, Lessons Learned, Full Spectrum Operations, Joint Operations, and the Human Dimension
- O&Os provide the framework and context for Science and Technology
- S&T provides the means to achieve the Objective Force

Requires Tight Knit Partnership and Teamwork of Combat Developer, Science and Technology and Materiel Developer Communities..... Including Industry to Make It Happen

