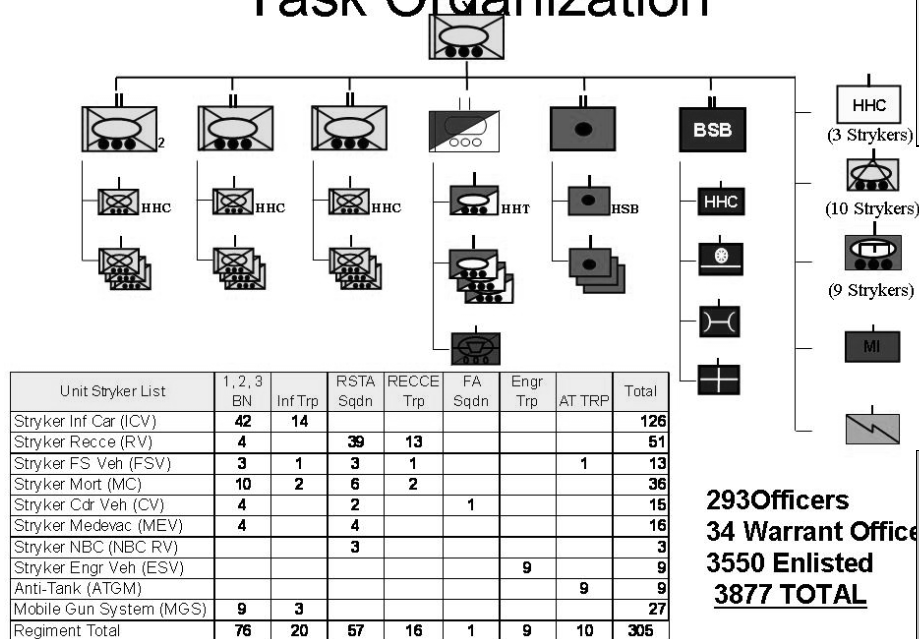# STRYKER

Brigade Combat Teams

Our Army at War -- Relevant and Ready

U.S. ARMY

Background

- LTC John Steele
- Armor Officer – Tank Platoon Leader Desert Shield/Storm (3 AD), Company Command 2 ID Korea
- TF Falcon (Camp Bondsteel), Kosovo, 1 AD Staff Officer
- 1AD - 2-37 AR Executive Officer – May to Oct 03 Baghdad
- 3d SQDN 2d ACR Operations Officer - Oct 03 to Jul 04 – Baghdad, Al Kut, Najaf, Diwaniya, Al Kufa, Afak, Al-Hillah
- 2d ACR and 2d CR Executive Officer Jul 04 to Jun 06 – Fort Polk to Fort Lewis – Unit Generation for SBCT #4

The SBCT

Task Organization

HHC (3 Strykers)
(10 Strykers)
(9 Strykers)
HHC
BSB
MI

Unit Stryker List	1, 2, 3 BN	Inf Trp	RSTA Sqdn	RECCE Trp	FA Sqdn	Engr Trp	AT TRP	Total
Stryker Inf Car (ICV)	42	14						126
Stryker Recce (RV)	4		39	13				51
Stryker FS Veh (FSV)	3	1	3	1			1	13
Stryker Mort (MC)	10	2	6	2				36
Stryker Cdr Veh (CV)	4		2		1			15
Stryker Medevac (MEV)	4		4					16
Stryker NBC (NBC RV)			3					3
Stryker Engr Veh (ESV)						9		9
Anti-Tank (ATGM)							9	9
Mobile Gun System (MGS)	9	3						27
Regiment Total	76	20	57	16	1	9	10	305

293 Officers
34 Warrant Office
3550 Enlisted
3877 TOTAL

Trigger Pullers

SBCT
Riflemen 1353
Mortarmen 168
Sniper 51

Light
Riflemen 1062
Mortarmen 132
Sniper 18

AASSLT
Riflemen 1070
Mortarmen 132
Sniper 18

**Mech**
Riflemen 762
Mortarmen 105
Sniper 0

The Army Vision

"A force that is deployable, agile, versatile, lethal, survivable, sustainable, and dominant at every point along the spectrum of operations…"

- •Operational/Deployable Force
- •Medium Weight Force
  - •The best characteristics of both light and heavy forces
- •Early Entry Force
- •Bridge to the Future Force

- Core operational capabilities
  - Strat, operational and tactical mobility
  - Enhanced sit understanding
  - Full spectrum capability
  - Combined arms integration down to company level
  - Decisive action through use of Infantry (close cbt; urban and complex terrain)
  - Reach back capability
- Fully integrated within joint cont force
  - Deploys rapidly; executes early entry
  - Conducts effective combat operations with fully-integrated fires
  - **ABCS – GCCS integration**
  - Prevents, contains, stabilizes, or resolves conflict
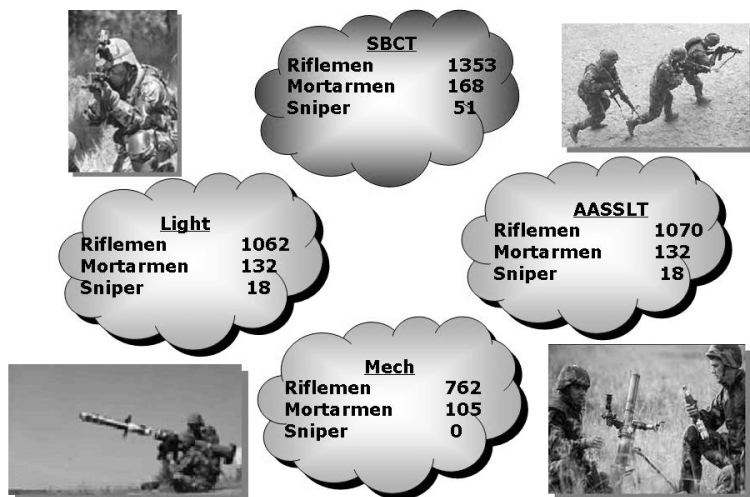
Stryker Family of Vehicles

FIGHTING VEHICLE?	NO
CAPABILITIES PLATFORM?	YES

PROTECTED MOBILITY
- ARMOR PROTECTION FOR HMG
- CARRIES 9-MAN SQUAD
- TO 60 MPH; 330 MILES RANGE

FIREPOWER
- KONGSBERG REMOTE WEAPONS SYSTEM (RWS) - M2 .50 CAL OR MK-19

SITUATIONAL AWARENESS/COP
- UTILIZES C4ISR SYSTEMS

RECONNAISSANCE/RESUPPLY/ CASEVAC

DEPLOYABILITY:

C-130 – 1 STRYKER
C-17 - 2 STRYKER (UNIMPR)
        3 STRYKER (IMPR)
C-5   - 4 STRYKER

Infantry Carrier Vehicle (ICV) - 126
Commander's Vehicle (CV) - 15
Fire Support Vehicle (FSV) - 13
Recon Vehicle (RV) - 51
Mobile Gun System (MGS) - 27
NBC Recon Veh (NBCRV) - 3
Medical Evacuation Vehicle (MEV) - 16
120mm Mounted Mortar Carrier (MC-B) - 3
Engineer Squad Vehicle (ESV) - 9
Anti Tank Guided Missile (ATGM) - 9

Commonality
- Common Operating Picture
- Common Chassis & Drive Train
- Common Key Perf Parameters
- Common Survivability
- TMDE, Spare Parts, Tools & Skills

Key Characteristics

Configuration	Combat (in.)	Shipping (in.)
Height:	122.88	103.62
Width:	116.43	112.80
Length:	286.30	286.50
Weight:	38,000 lbs (target)	
Engine:	350 hp JP-8/Diesel (Caterpillar) (vs. LAV III 275hp)	
Transmission:	Allison	
Brakes:	5 inch ABS (Common with FMTV 5 -Ton)	
Other:	8 Wheel Drive; 4 Wheel Steering	
Crew:	2 + 9-man Squad	

Mobile Gun System

Key Characteristics: (MGS Variant)

Configuration:	Combat (inches)	Flying (inches)
Height:	130.44	105.67
Width:	116.34	104.47
Length:	300.53	300.53
Weight:	46,995 lbs	40,482 lbs

Engine: 350 hp JP-8/Diesel (Caterpillar)
Transmission: Allison
Brakes: 5 inch ABS
Other: 8 Wheel Drive; 4 Wheel Steering
Crew: 3

Manufacturer:
GENERAL DYNAMICS
Land Systems

C2	Mobility	Armament	Survivability
FBCB2	Top Speed – 60 mph	M68A1E8 105mm Main Gun with 18-Round Autoloader	High Hard Steel Structure Protection: 14.5mm
SINCGARS	50m Dash – 9 sec.	M2 .50 cal Cdr's Weapon	RPG w/ Add on SLAT Armor
GPS	Wheel Clearance – 21 in	M240C 7.62mm Coax MG	Titanium Armor for Critical Gun-pod Areas
Deployability	Vertical Climb – 23 in		Spall Liner
C-130 – 1 each	Gap Crossing – 78 in		Smoke Grenade Launchers
C-17 – 3 each	Range – 300 miles (Cbt Ops)		
C-5 – 4 each			

Mounted Battle Command On The Move (MBCOTM)

Pre Production 1 (PP1) Build

LTC Mike Ryan
PdM MBCOTM
5 Apr 06

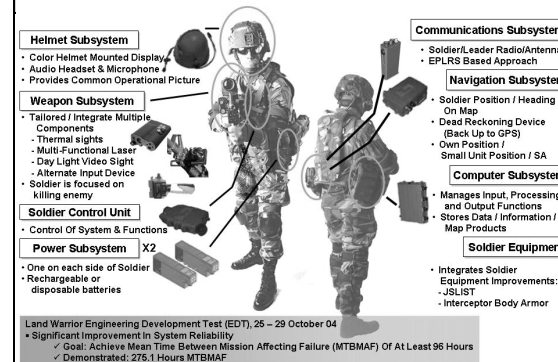*MBCOTM...Extending the Reach of Battle Command!*

Stryker Vehicles are 312 pieces of equipment out of over 55K in an SBCT......

" I have watched this vehicle save my soldiers lives and enable them to kill our nation's enemies. In urban combat there is no better vehicle for delivering a squad of infantrymen to close with and destroy the enemy. It is fast, quiet, incredibly survivable, reliable, lethal, and capable of providing amazing situational awareness.

These qualities distinguish it from every other platform in the Army inventory but most importantly it delivers the most valuable weapon on the battlefield – a soldier.

**LTC Erik Kurilla
CDR, 1-24 Infantry**

ICV-FSEP Spiral 1 Systems

- **Non-Lethal Effects**
  - Medium Range Acoustic Device
  - High Power White Light
  - Laser Dazzler

- **Lethal Effects Enhancement**
  - Gunfire Detectors
    - Acoustic/EO/IR
  - Integrated, rapid slew-to-cue, man-in-the-loop engagement
  - Soldier is focused on killing enemy

- **Platform Protection**
  - C-IED Jammer
  - Slat Armor

Multi-spectral Target Sensing Capabilities: IR, Acoustic, Optical

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Land Warrior System

Helmet Subsystem
- Color Helmet Mounted Display
- Audio Headset & Microphone
- Provides Common Operational Picture

Weapon Subsystem
- Tailored / Integrate Multiple Components
  - Thermal sights
  - Multi-Functional Laser
  - Day Light Video Sight
  - Alternate Input Device

Soldier Control Unit
- Control Of System & Functions

Power Subsystem X2
- One on each side of Soldier
- Rechargeable or disposable batteries

Communications Subsystem
- Soldier/Leader Radio/Antenna
- EPLRS Based Approach

Navigation Subsystem
- Soldier Position / Heading On Map
- Dead Reckoning Device (Back Up to GPS)
- Own Position / Small Unit Position / SA

Computer Subsystem
- Manages Input, Processing and Output Functions
- Stores Data / Information / Map Products

Soldier Equipment
- Integrates Soldier Equipment Improvements:
  - JSLIST
  - Interceptor Body Armor

Land Warrior Engineering Development Test (EDT), 25 – 29 October 04
- Significant Improvement In System Reliability
  - Goal: Achieve Mean Time Between Mission Affecting Failure (MTBMAF) Of At Least 96 Hours
  - Demonstrated: 275.1 Hours MTBMAF

OPERATION AFAK

TASK ORGANIZATION: (EFF 010700JUN04)

AFAK

B/2-37AR(SE)	M/3/2ACR(ME)	SQDN CTRL
1/B/2-37 AR	1/MAD DOG	3/MADDOG – PSD
4/KILLER	4/IRON	6/KILLER - RES
5/KILLER	3/B/2-37 AR	FLE
THT	THT	FAS
TPT		

MISSION: 012300JUN04, 3/2 conducts zone reconnaissance of AFAK vic. MA233476 and destroys militia forces to determine militia activity and demonstrate US Forces' resolve.

Purpose is to facilitate future successful Iraqi Security Forces' operations in Qaddisiya Province.

Key Tasks.
• Rehearsal: Maneuver, communications, and medical evacuation
• Control and communications
• Determine enemy presence in AFAK
• Destroy enemy forces

Endstate. MM destroyed in AFAK, reduced Mukhtada Militia influence, minimum civilian casualties, positive attitude shared among local residents, 3d Squadron positioned to conduct sustained combat operations in Diwaniya or Qaddisiya.

TASKS

B CO
T: FOZR in AFAK East
P: Destroy MM in AFAK
T: O/O execute TCPs vic CP7 and 15

MCO
T: FOZR in AFAK West
P: Destroy MM in AFAK
T: O/O execute TCPs vic CP 5

HHT
T: Provide FLE / FAS / RTNs set vic CP1

TIMELINE
010830JUN – OPORD
011400JUN – SQDN BACK BRIEF
011500JUN – REHEARSAL
012200JUN – B Co SP
012205JUN – M Co SP
012210JUN – TAC SP
012215JUN – HHT SP
012300JUN – SWT on station - 020300JUN
012255JUN – SQN CP 1, O/O M Co move CP 6, B Co move CP 7
0204000JUN – Attack complete, set TCPs
020700JUN – Consolidate and Reorganize
010730JUN – Set joint TCPs
020930JUN – B Co SP to Diwaniyah
020945JUN – HHT SP to Diwaniyah
021000JUN – M Co SP to Diwaniyah
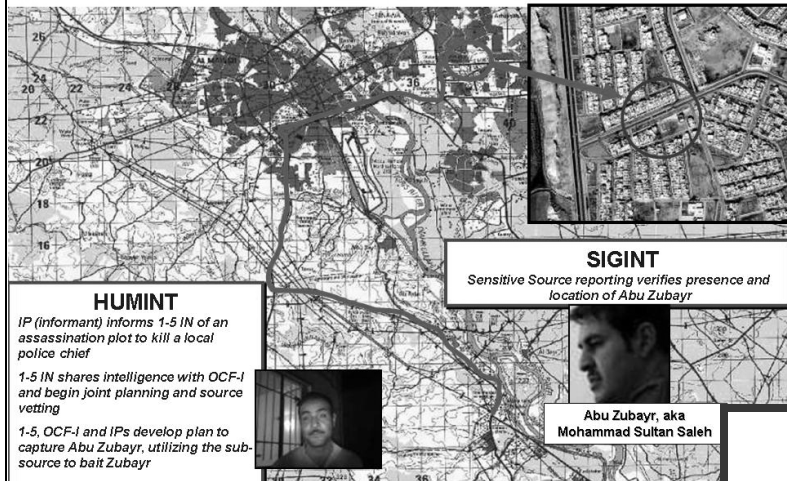021030JUN – Sqdn begins arriving Cp Wolfpack

COORDINATING INSTRUCTIONS
1. Units gauge response of population to US presence.
2. Units identify and report Sadr posters / anti coalition graphity for removal morning of 2 JUN by IPs
3. MEDEVAC 33.55 – DUSTOFF
4. Current ROE in effect
5. FAS / FLE / Retrans initila location vic CP1
6. TCBs responsible to evac casualties to AXP.
7. Mass casualty = 3+ wounded, AXP moves to location.
8. Maintain 360 degree security at all times.
9. SQDN retrans cmd net on FH700 past CP1

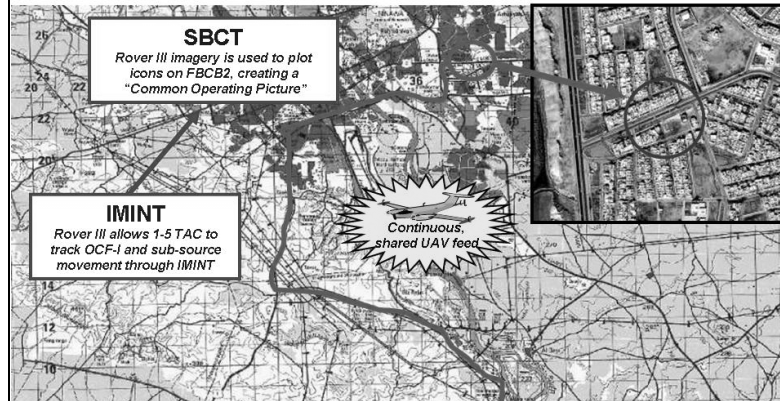**PIRs**
1. Enemy contact.
2. Location of Sadr posters /anti coalition Graphity.
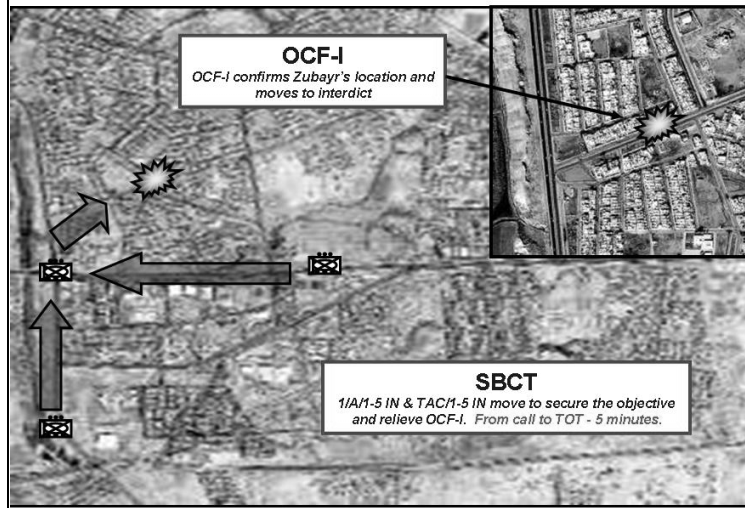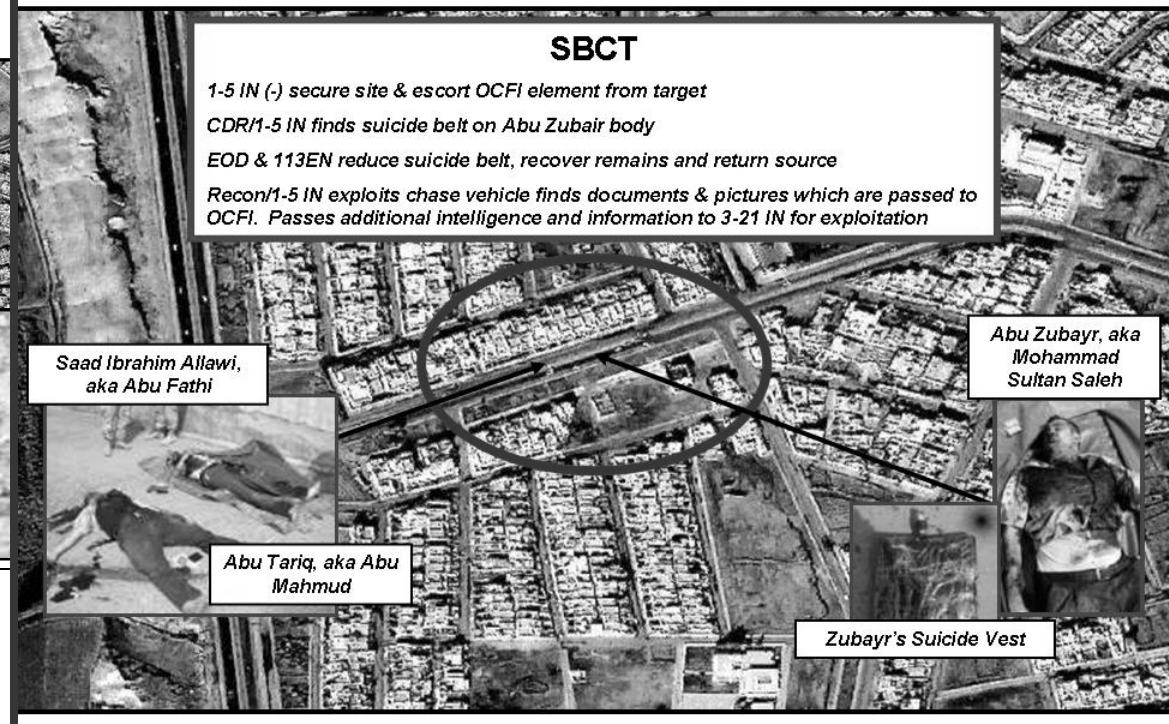3. Enemy defensive positions / roadblocks
4. IPs in zone

Bridge 1

Bridge 2

Bridge 3
Tank Capable

21   22   23   24   25

49   49   48   48   47   47   46   46

B   M

A Quality of Firsts

SEE FIRST

SBCT

SIGINT
Sensitive Source reporting verifies presence and location of Abu Zubayr

HUMINT
IP (informant) informs 1-5 IN of an assassination plot to kill a local police chief

1-5 IN shares intelligence with OCF-I and begin joint planning and source vetting

1-5, OCF-I and IPs develop plan to capture Abu Zubayr, utilizing the sub-source to bait Zubayr

Abu Zubayr, aka
Mohammad Sultan Saleh

UNDERSTAND FIRST

SBCT
Rover III imagery is used to plot icons on FBCB2, creating a "Common Operating Picture"

IMINT
Rover III allows 1-5 TAC to track OCF-I and sub-source movement through IMINT

Continuous, shared UAV feed

ACT FIRST

OCF-I
OCF-I confirms Zubayr's location and moves to interdict

SBCT
1/A/1-5 IN & TAC/1-5 IN move to secure the objective and relieve OCF-I. From call to TOT - 5 minutes.

FINISH DECISIVELY

SBCT

1-5 IN (-) secure site & escort OCFI element from target

CDR/1-5 IN finds suicide belt on Abu Zubair body

EOD & 113EN reduce suicide belt, recover remains and return source

Recon/1-5 IN exploits chase vehicle finds documents & pictures which are passed to OCFI. Passes additional intelligence and information to 3-21 IN for exploitation

Saad Ibrahim Allawi,
aka Abu Fathi

Abu Tariq, aka Abu
Mahmud

Abu Zubayr, aka
Mohammad
Sultan Saleh

Zubayr's Suicide Vest

AO Arrowhead
Approx. 220km x 264km

AO Defined in SBCT O&O:
50km X 50 km

Mosul to Balad 270km

Mosul to Al Kut or
An Najaf 450km
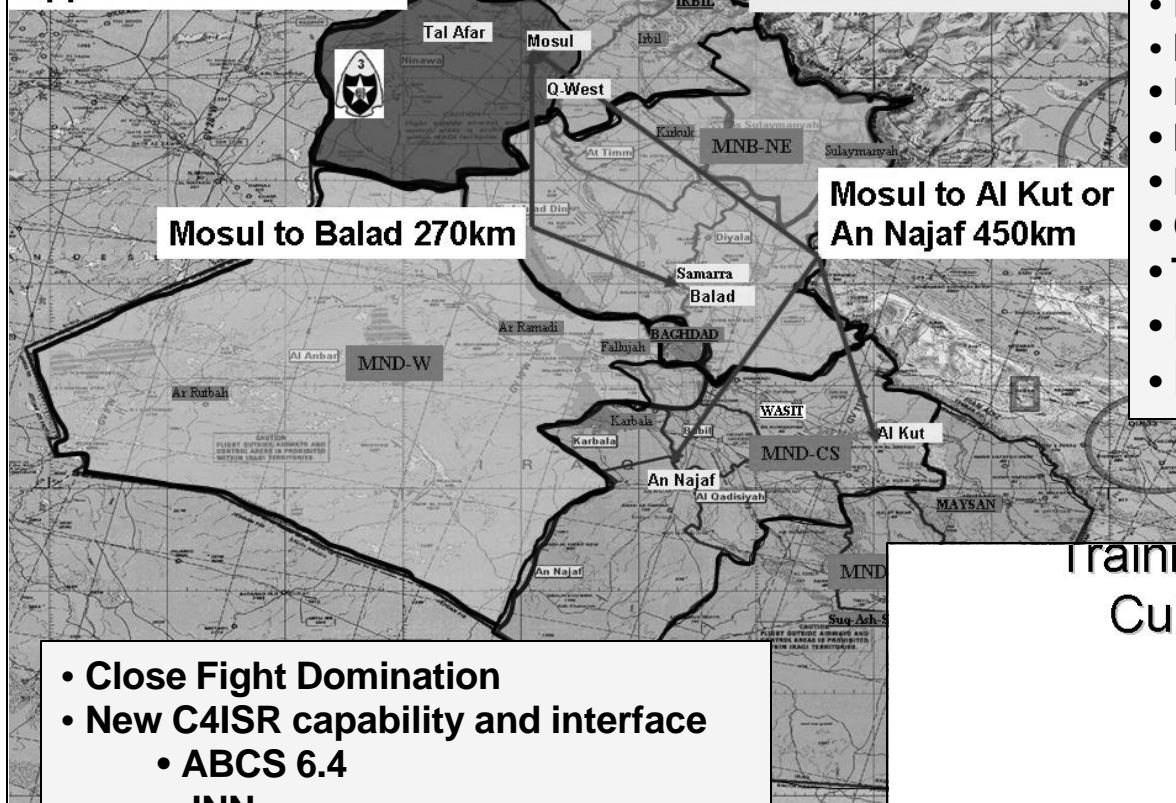
- Full Spectrum Dominance
- ISF Partnerships
- Non-Kinetic vs Kinetic
- IO/CMO focus
- Policeman mentality
- Company Level Fight
- The Leadership Reaction Course
- **Need Next Generation C4ISR**
- **Need Training Systems**

- Close Fight Domination
- New C4ISR capability and interface
  - ABCS 6.4
  - JNN
- New Org/Equipment
  - Combined Arms
  - MGS
- Infantry/Info Centric
  - Mortars/Snipers
  - Vehicles and Wpns Sqds
  - ABCS/C4ISR
- Logistics/Support Concepts
- Leader Training Mindset

Training Lethal, Adaptive, and Culturally Aware Leaders

CHALLENGING LEADERS WITH CHANGING CONDITIONS, AMBIGUITY, CULTURAL & "POLITICAL" CHALLENGES

ABILITY TO SHAPE ENVIRONMENT

MISSION READINESS EXERCISE (FULL SPECTRUM OPS)

COMPLEX VIGNETTE & CCW SCENARIOS

CULTURAL UNDERSTANDING
"A context in which to make decisions"

DIGITAL COMPETENCY

ROE APPLICATION

TACTICAL DECISION MAKING

METL & COLLECTIVE TASK TRAINING
"Battle Drills emancipate the leader"

MORAL FOUNDATION
- DISCIPLINE
- ARMY VALUES
- WARRIOR ETHOS

FOUNDATIONAL ELEMENTS

ESSENTIAL CAPABILITIES
- MARKSMANSHIP
- PHYSICAL FITNESS
- BATTLE DRILLS
- MEDICAL PROFICIENCY
- COMBATIVES
- CASEVAC