



LTC Lanier Ward

Regimental S3

May 02 - June 03

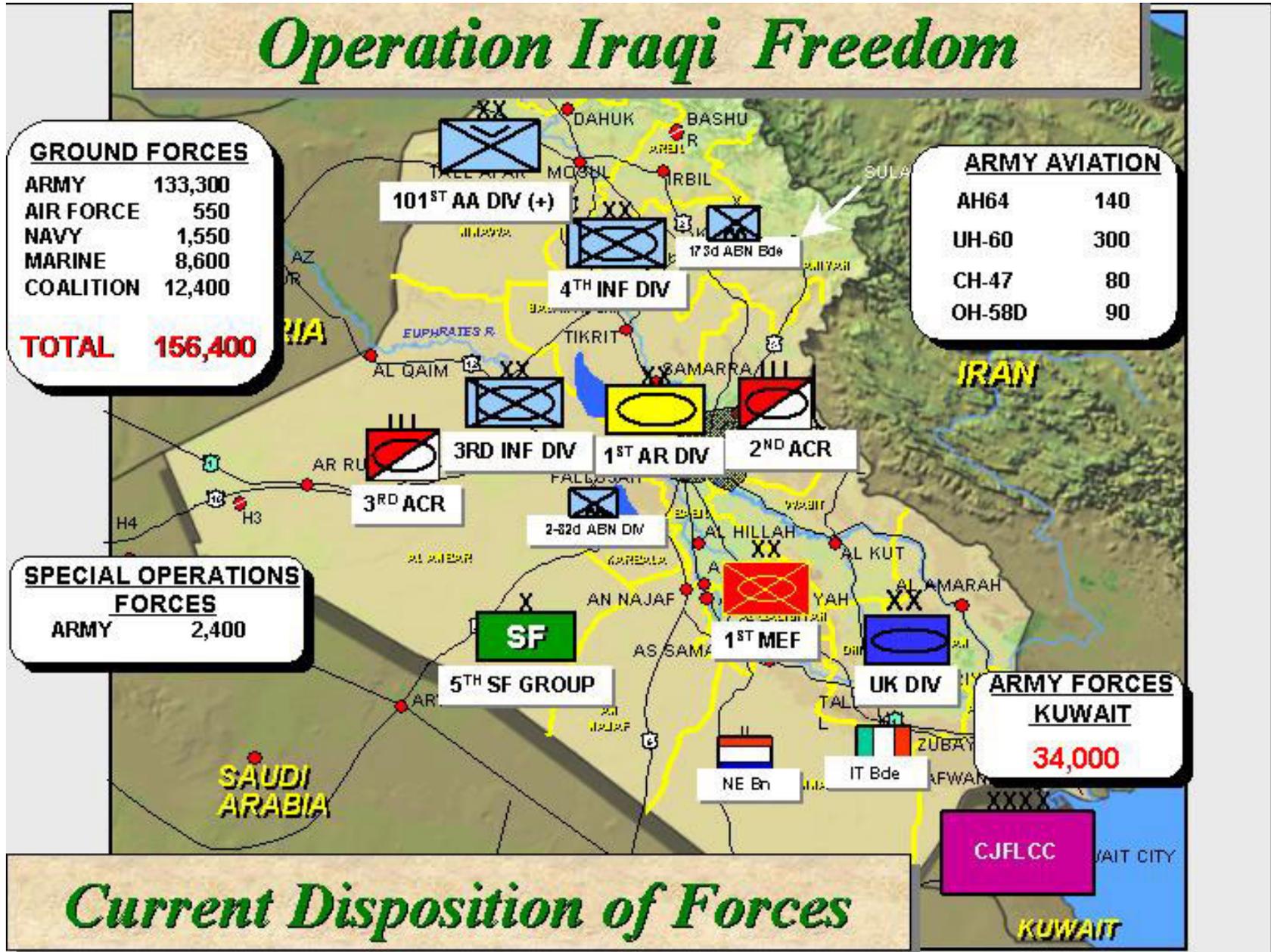
(OIF: April 03 - June 03)

Light Cavalry Organization (Was Augmented With MECH/AR Forces)



June 2003

Operation Iraqi Freedom



FM 3-34 (DRAFT)

Counterinsurgency

- COIN is a combination of offensive, defensive and stability operations.
- Paradoxes of Counterinsurgency:
 - The more you protect your force, the less secure you are (I hope they change protect to isolate).
- Successful Practices:
 - Emphasize intelligence.
 - Focus on the population, their needs and security.

Must Be Able To Engage With The Population

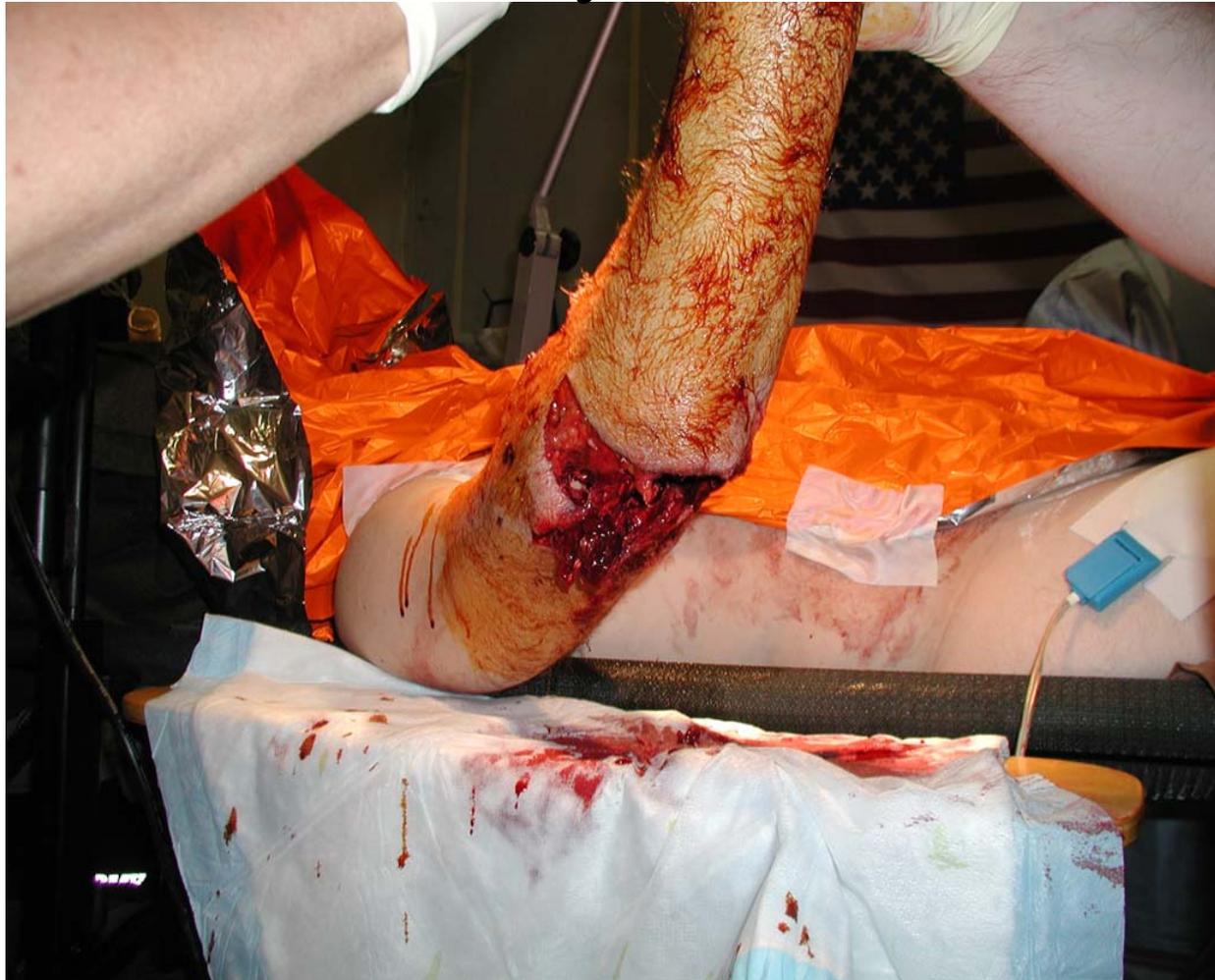


While Protecting
The Best Sensor For COIN...
The Soldier





Must Get This Right
But Understand
There Will Always Be Casualties..



STRYKER



Brigade Combat Teams



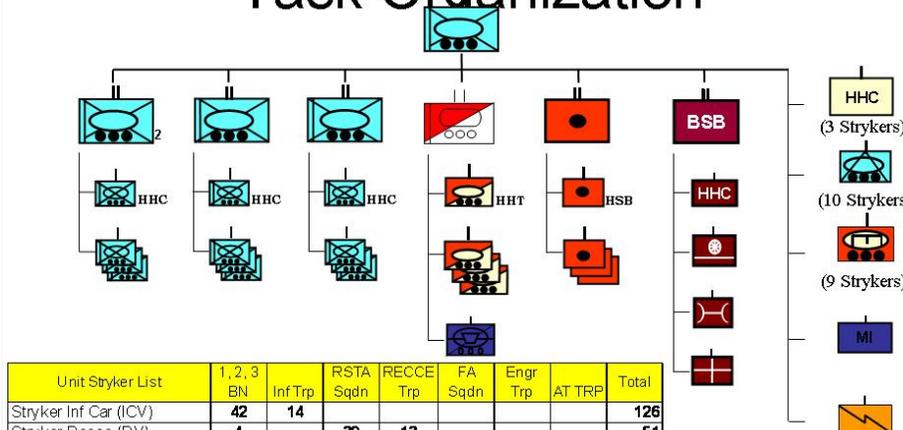
Our Army at War -- Relevant and Ready

THE SBC I

The Army Vision

Task Organization

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

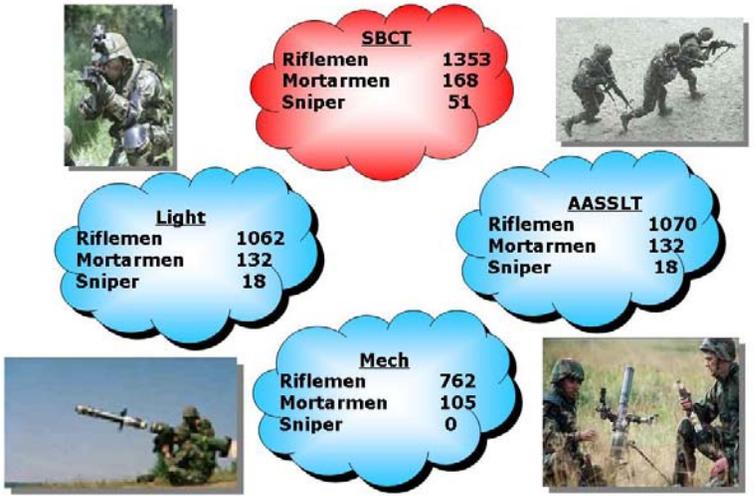


Unit Stryker List	1, 2, 3 BN	Inf Trp	RSTA Sqn	RECCE Trp	FA Sqn	Engr Trp	AT TRP	Total
Stryker Inf Car (ICV)	42	14						126
Stryker Recce (RV)	4		39	13				51
Stryker FS Veh (FSV)	3	1	3	1			1	13
Stryker Mort (MC)	10	2	6	2				36
Stryker Cdr Veh (CV)	4		2		1			15
Stryker Medevac (MEV)	4		4					16
Stryker 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 Officers
3550 Enlisted
3877 TOTAL

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

Trigger Pullers



- 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



Infantry Carrier Vehicle (ICV) - 126



Commander's Vehicle (CV) - 15



Fire Support Vehicle (FSV) - 13



Recon Vehicle (RV) - 51



Medical Evacuation Vehicle (MEV) - 16



Engineer Squad Vehicle (ESV) - 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 (MGS) - 27



NBC Recon Veh (NBCRV) - 3



120mm Mounted Mortar Carrier (MC-B) - 3



Anti Tank Guided Missile (ATGM) - 9



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
 FBCB2
 SINGCARS
 GPS

Mobility
 Top Speed – 60 mph
 50m Dash – 9 sec.
 Wheel Clearance – 21 in
 Vertical Climb – 23 in
 Gap Crossing – 78 in
 Range – 300 miles (Cbt Ops)

Armament
 M68A1E8 105mm Main Gun with 18-Round Autoloader
 M2 .50 cal Cdr's Weapon
 M240C 7.62mm Coax MG

Survivability
 High Hard Steel Structure
 Protection: 14.5mm
 RPG w/ Add on SLAT Armor
 Titanium Armor for Critical Gun-pod Areas
 Spall Liner
 Smoke Grenade Launchers

Deployability
 C-130 – 1 each
 C-17 – 3 each
 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

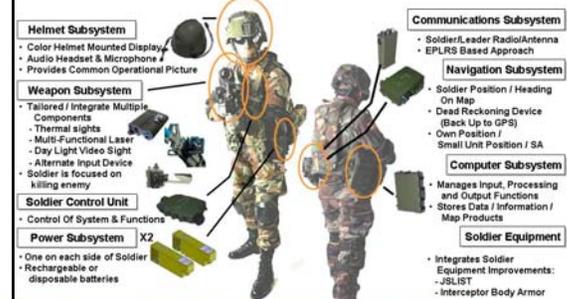
ICV-FSEP Spiral 1 Systems

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



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

Land Warrior System



Land Warrior Engineering Development Test (EDT), 25 – 29 October 04
 Significant Improvement in System Reliability
 Goal: Active 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)

1/B/2-37 AR
4/KILLER
5/KILLER
THT
TPT

M/3/2ACR(ME)

1/MAD DOG
4/IRON
3/B/2-37 AR
THT

SQDN CTRL

3/MADDOG – PSD
6/KILLER - RES
FLE
FAS

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

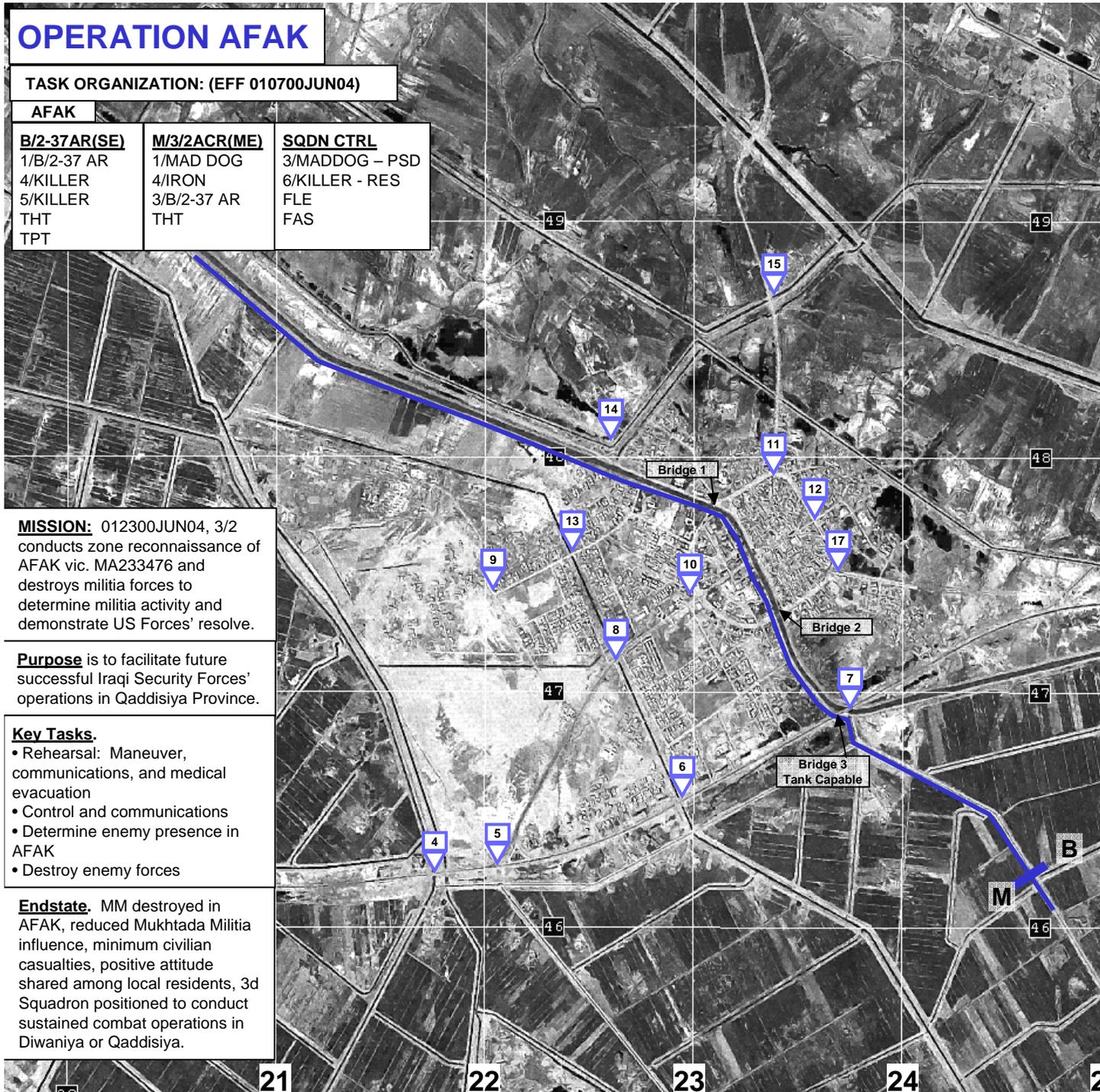
010830JUN – OPORD
011400JUN – SQDN BACK BRIEF
011500JUN – REHEARSAL
012200JUN – B Co SP
012205JUN – M Co SP
012210JUN – TAC SP
012215JUN – HHT SP
012300JUN – SWT on station - 020300JUN
012255JUN – SQN CP 1, O/O M Co move CP 6, B Co move CP 7
020400JUN – Attack complete, set TCPs
020700JUN – Consolidate and Reorganize
010730JUN – Set joint TCPs
020930JUN – B Co SP to Diwaniyah
020945JUN – HHT SP to Diwaniyah
021000JUN – M Co SP to Diwaniyah
021030JUN – Sqn begins arriving Cp Wolfpack

COORDINATING INSTRUCTIONS

1. Units gauge response of population to US presence.
2. Units identify and report Sadr posters / anti coalition graphy 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 Graphy.
3. Enemy defensive positions / roadblocks
4. IPs in zone



A Quality of Firsts

SEE FIRST

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

SIGINT
Sensitive Source reporting verifies presence and location of Abu 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

FINISH DECISIVELY

ACT FIRST

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

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

SBCT
1-5 IN (-) secure site & escort OCF-I element from target
CDR/1-5 IN finds suicide belt on Abu Zubayr 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 OCF-I. Passes additional intelligence and information to 3-21 IN for exploitation

Saad Ibrahim Allawi, aka Abu Fathi

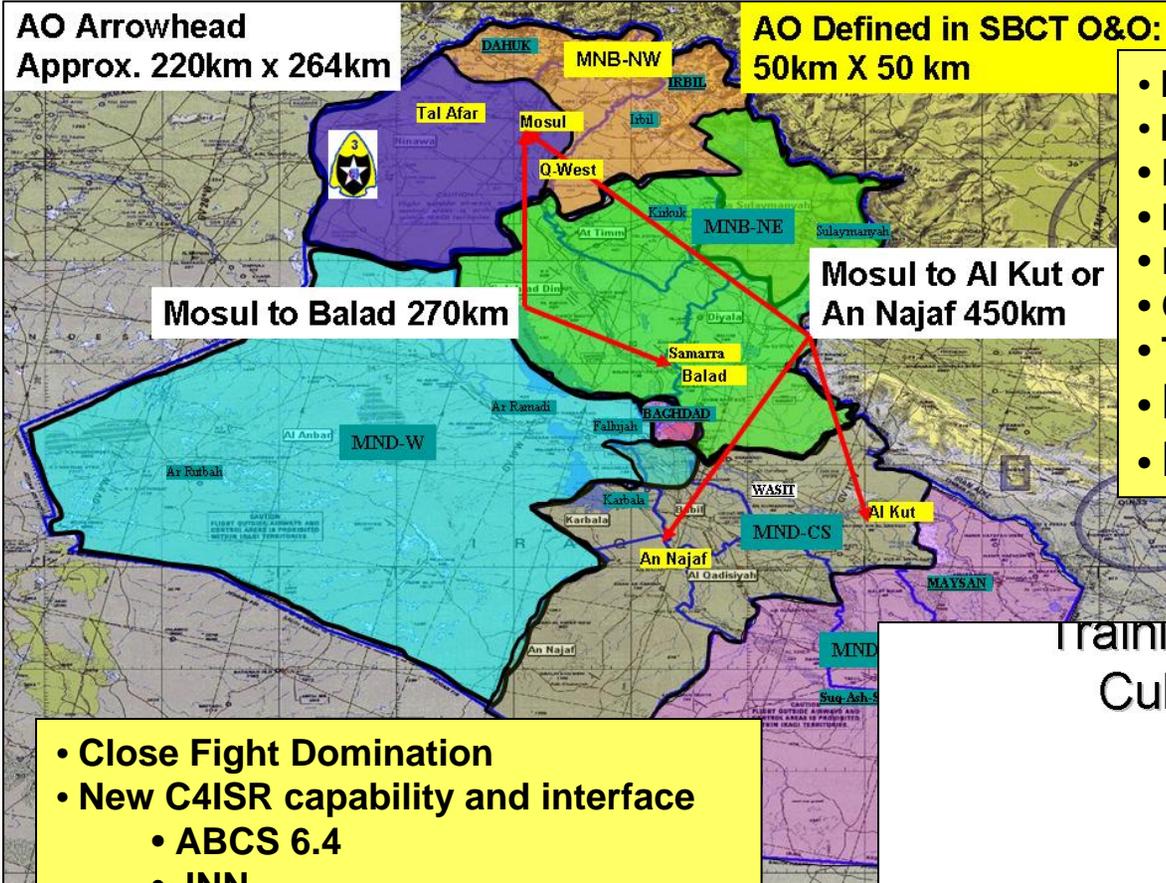
Abu Zubayr, aka Mohammad Sultan Saleh

Abu Tariq, aka Abu Mahmud

Zubayr's Suicide Vest

AO Arrowhead
Approx. 220km x 264km

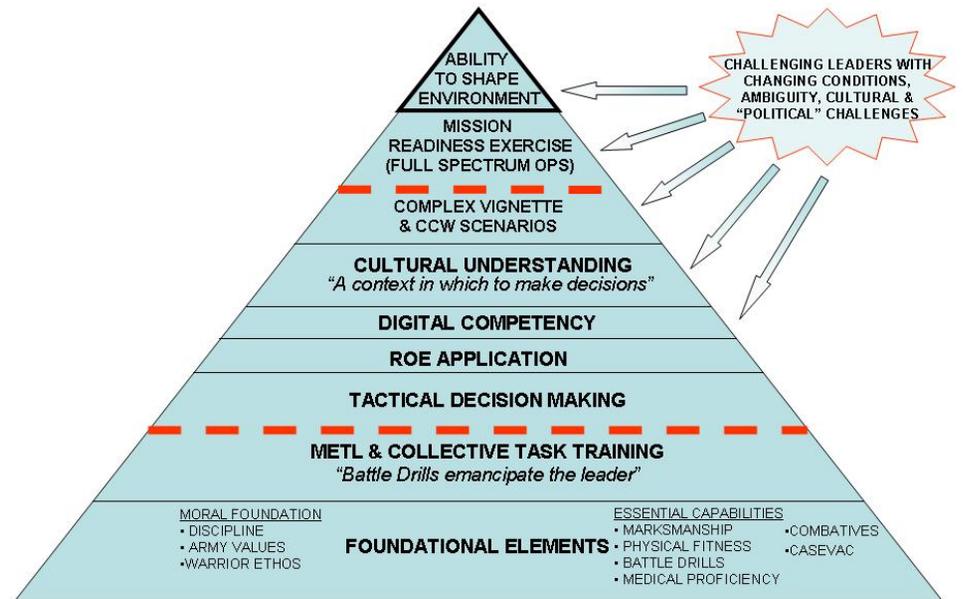
AO Defined in SBCT O&O:
50km X 50 km



- 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





LTC Tom Plunkett

Commander

3-156th Infantry

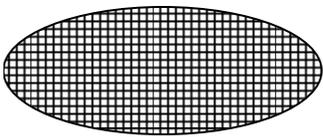
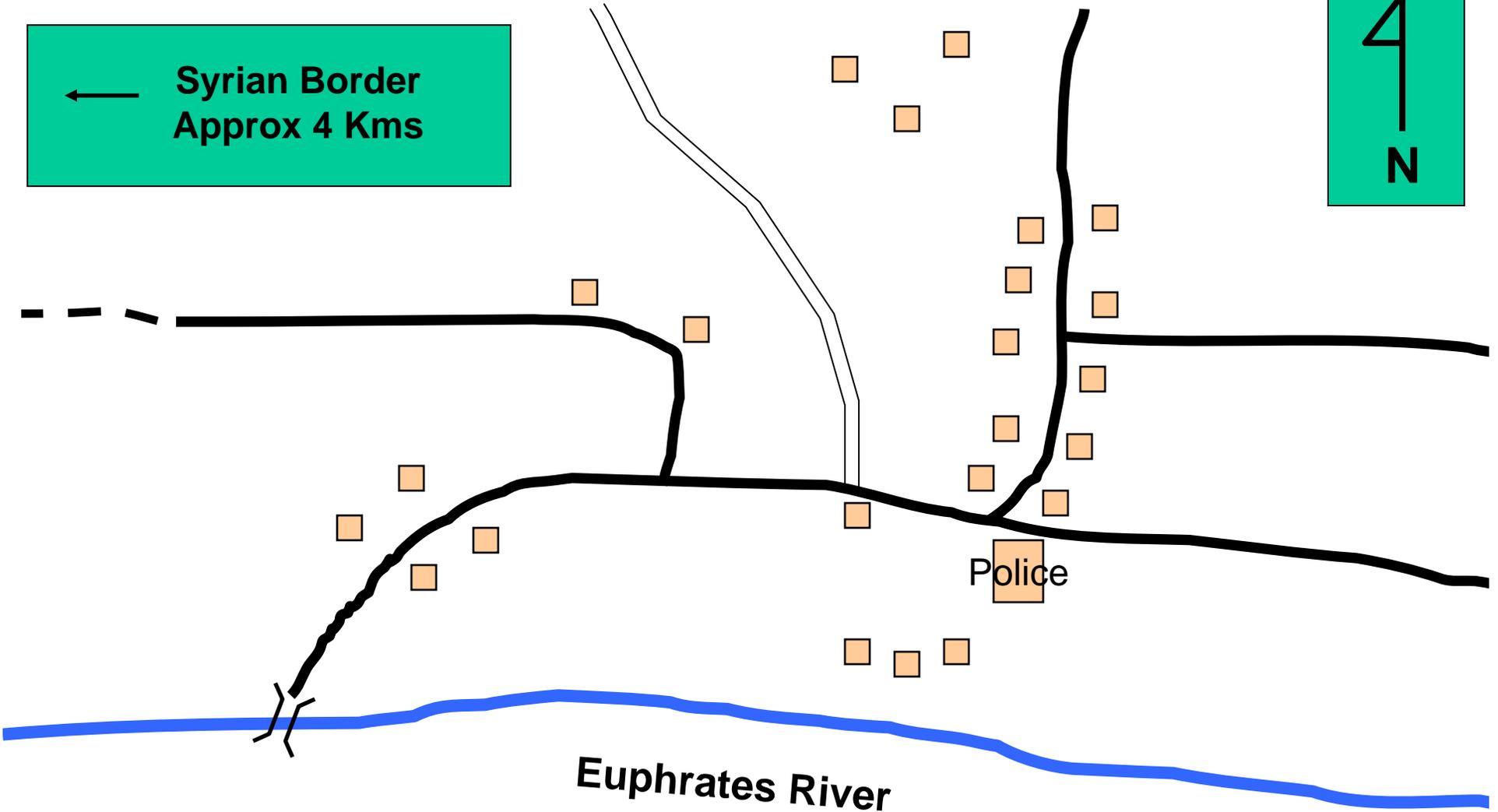
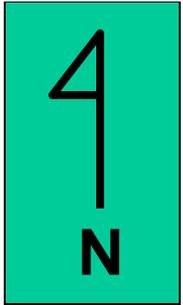


Lt Col William Costantini

Commanding Officer

1st Light Armored
Reconnaissance Battalion

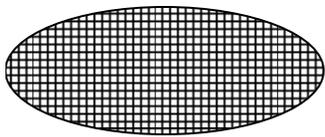
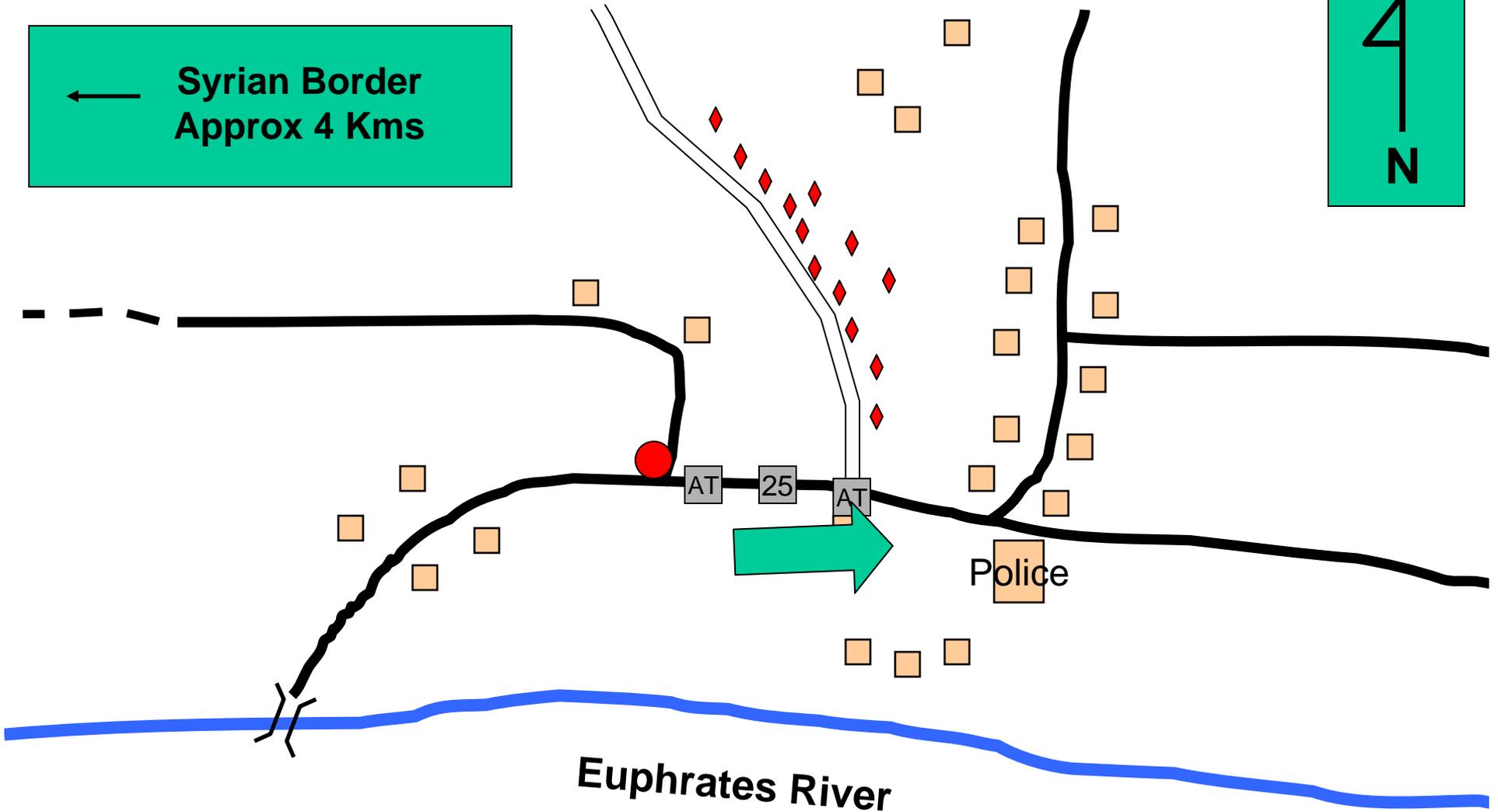
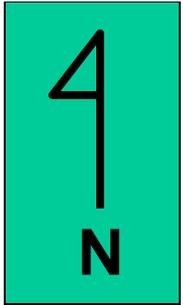
← Syrian Border
Approx 4 Kms



Al Qaim

Map not to scale

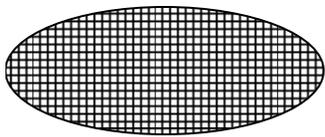
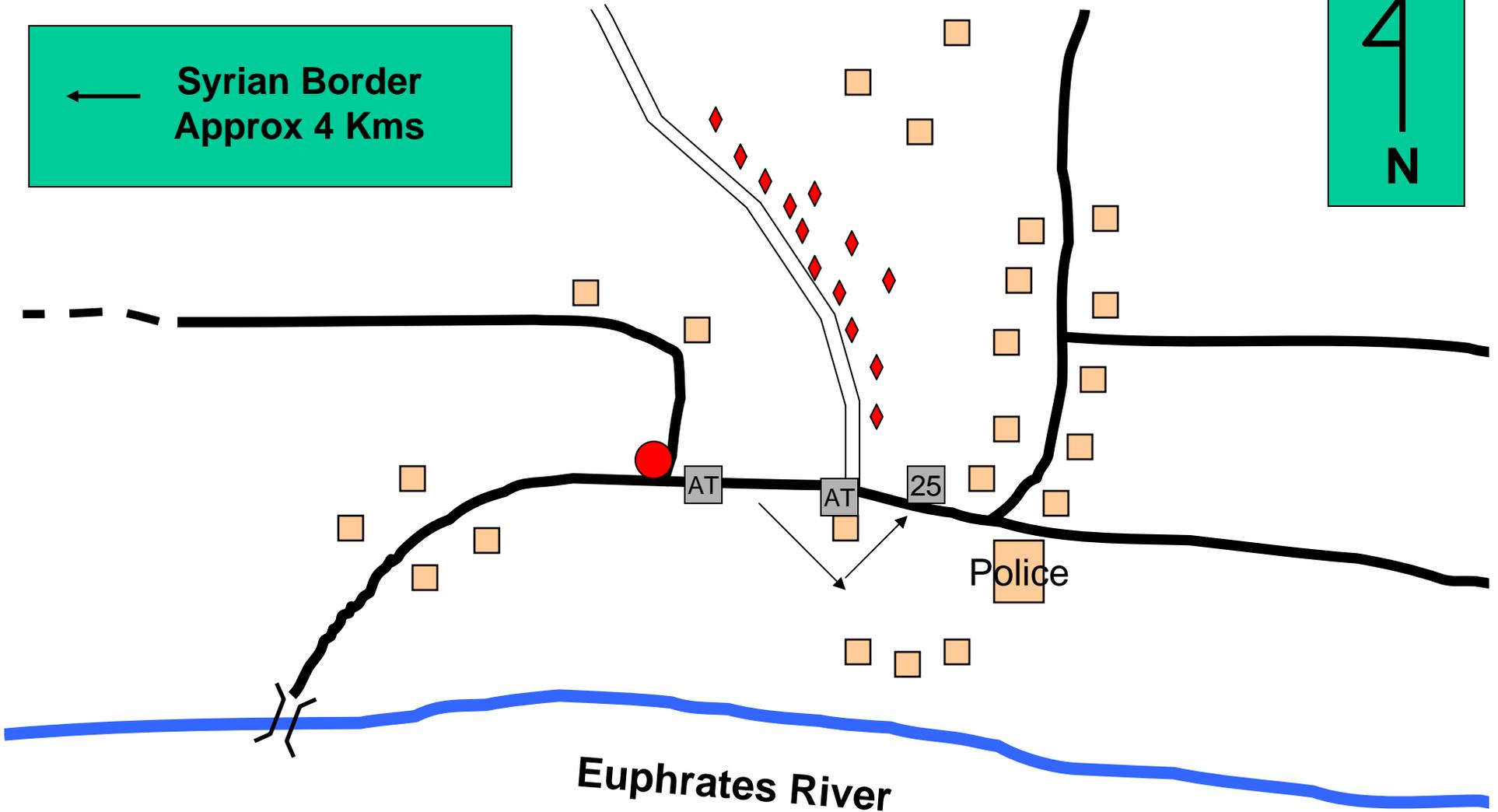
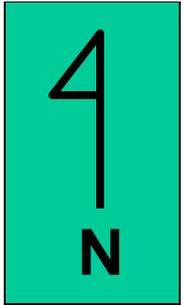
← Syrian Border
Approx 4 Kms



Al Qaim

Map not to scale

← Syrian Border
Approx 4 Kms



Al Qaim

Map not to scale



BG Alan Gayhart

Commander, 116th Heavy
Brigade Combat Team

2004-2005 Kirkuk, Iraq