

Caspian Sea Scenario



Caspian Sea Scenario

- Scenario Build-up
- National/Operational Objectives
- Order of Battle (Red and Blue)
- Courses of Action (Red and Blue)
- CINC's Target & Collection
Priorities

Caucasus and Central Asia Nations

The region's two dominate issues:

- Ethnic and religious divisions
- Oil and gas



Caspian Sea Pipelines 2010

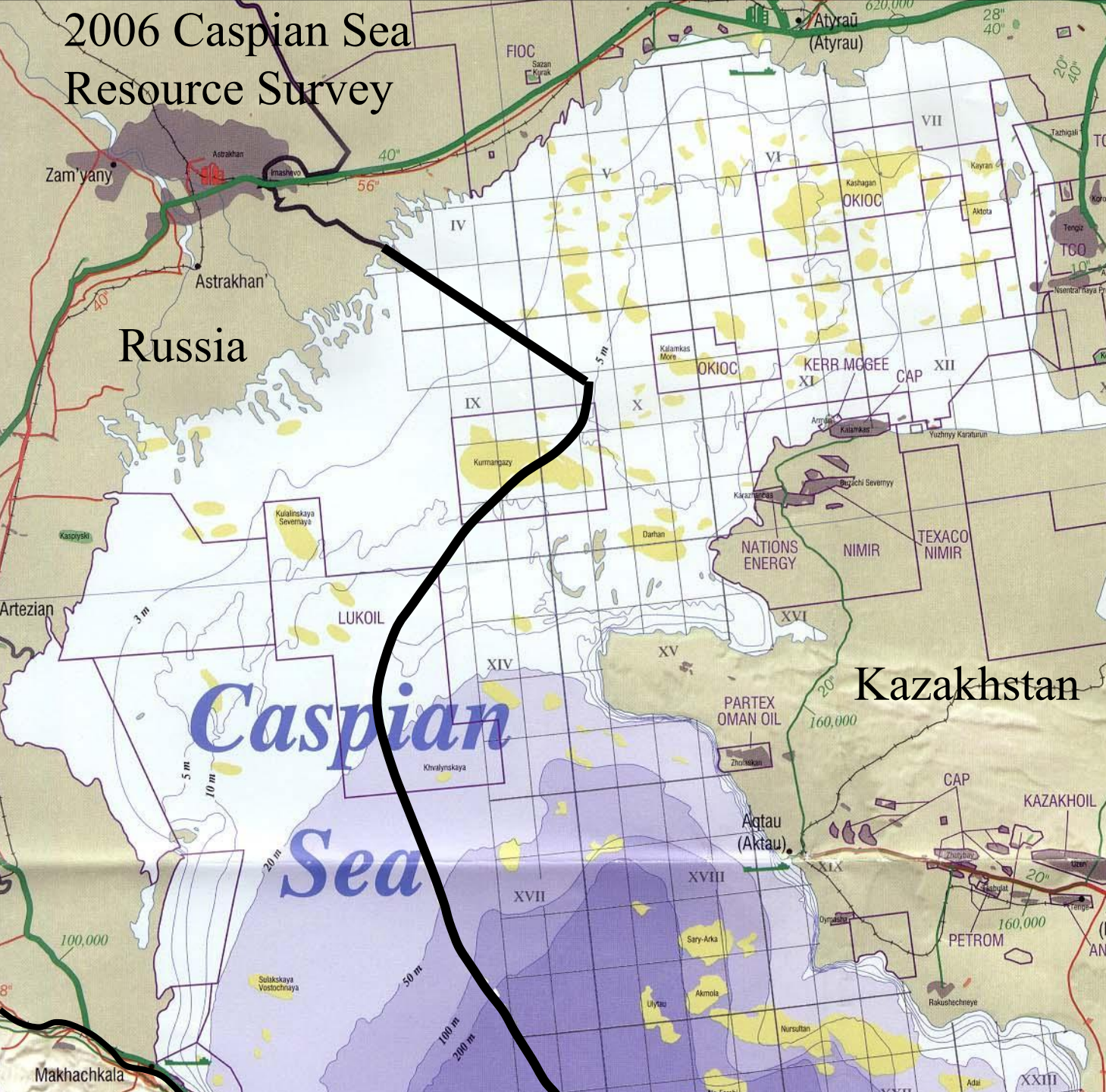
- Russia
- Kazakhstan
- Turkmenistan
- Georgia
- Azerbaijan
- Turkey
- Iran
- Ukraine
- Commercial Shipping
- Under construction
- Proposed



Caspian Sea Ownership Partially Resolved



2006 Caspian Sea Resource Survey



Proven Oil

8B

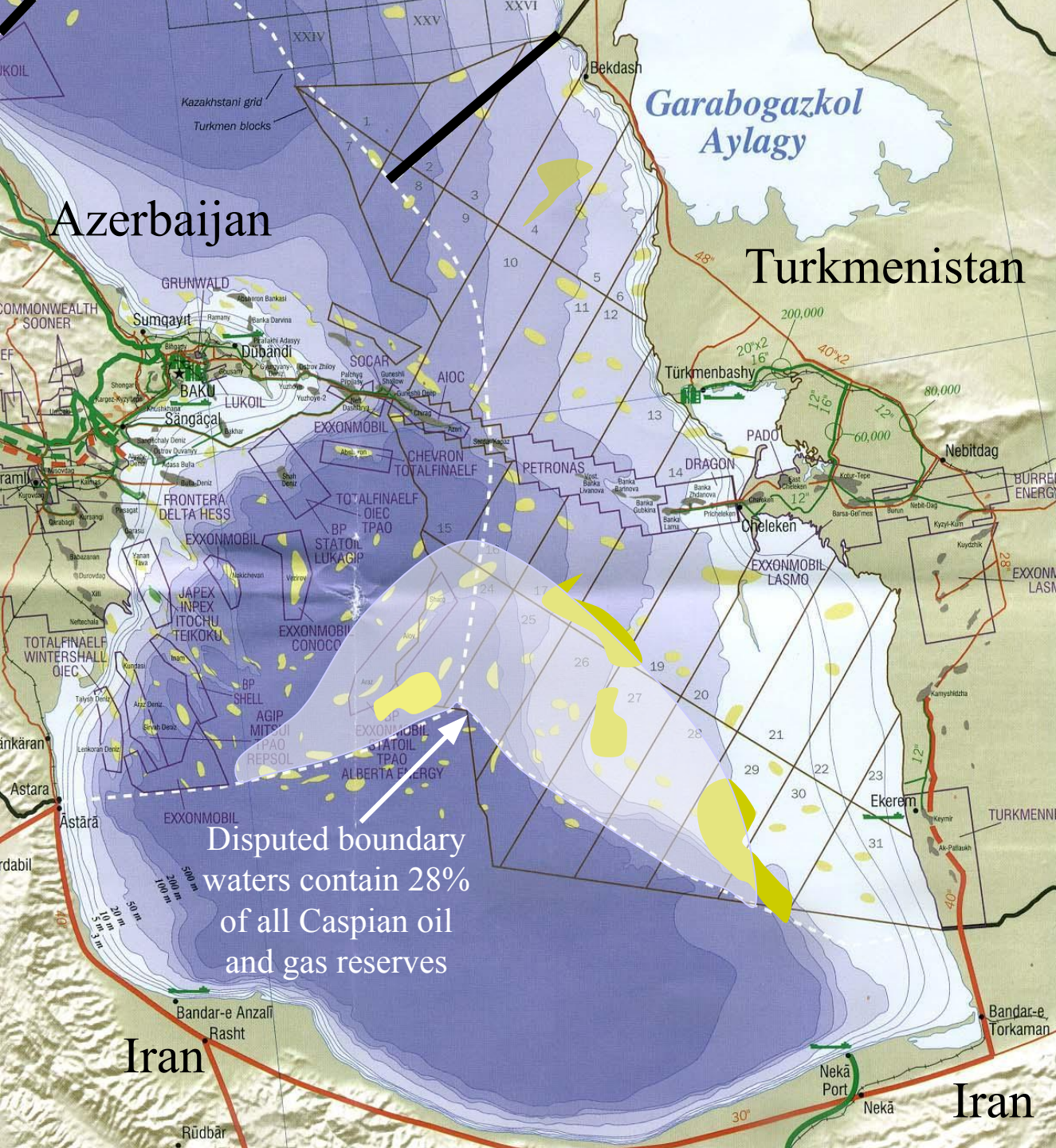
32B
Barrels

- Kazakhstan
- Russia

Proven Gas

44Tcf

135Tcf



Garabogazkol
Aylagy

Azerbaijan

Turkmenistan

Iran

Disputed boundary
waters contain 28%
of all Caspian oil
and gas reserves

Proven Oil

26B
Barrels

4B

- Turkmenistan
- Azerbaijan
- Iran

Proven Gas

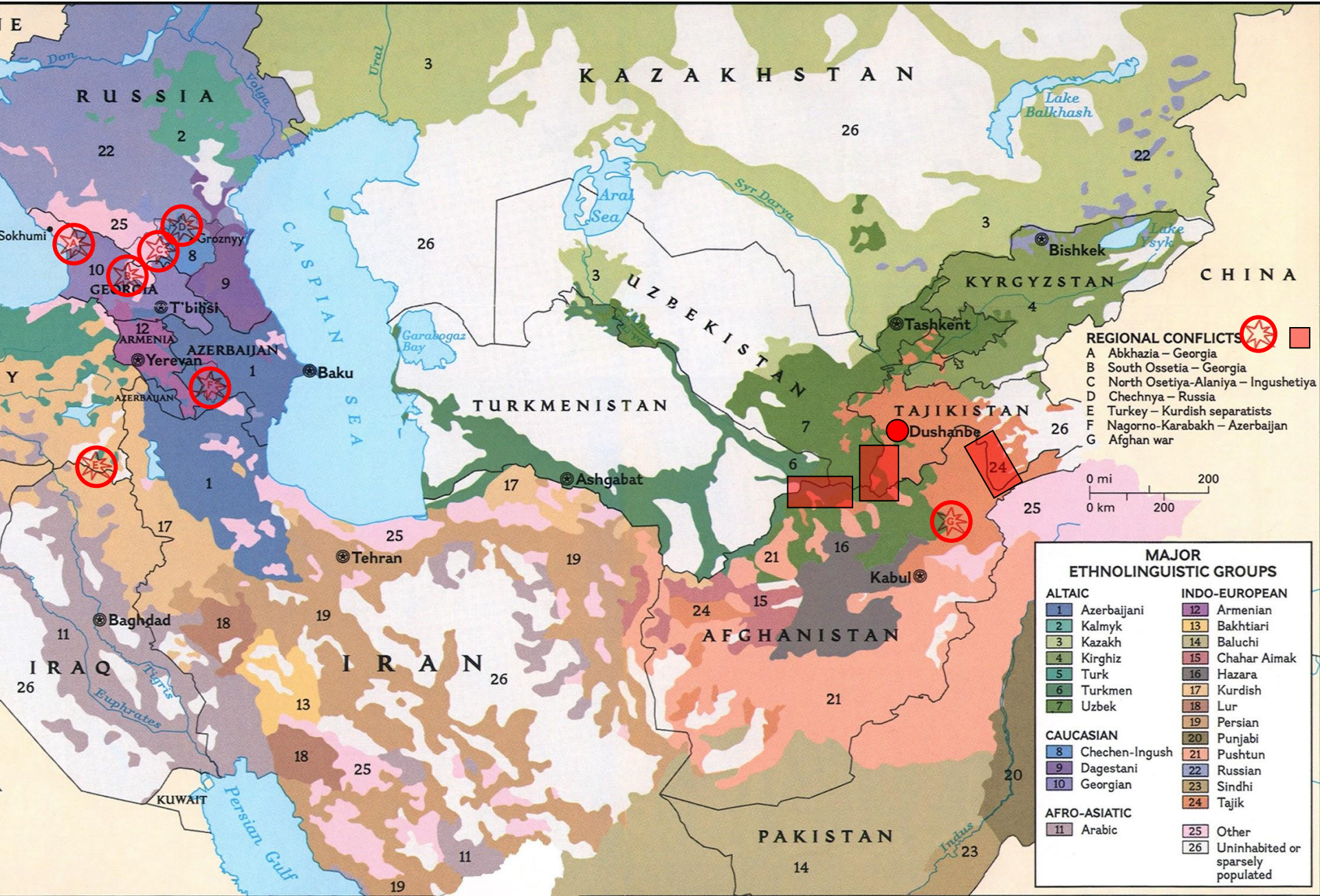
165Tcf

18

Union of Central Asia Nations



Ethnic Map of Central Asia





Force Deployments

- Iranian Forces
- Turkmenistan Forces
- U.S.A. IBCT

USEUCOM

JTF
Joint
Lifeline

Area of Operation

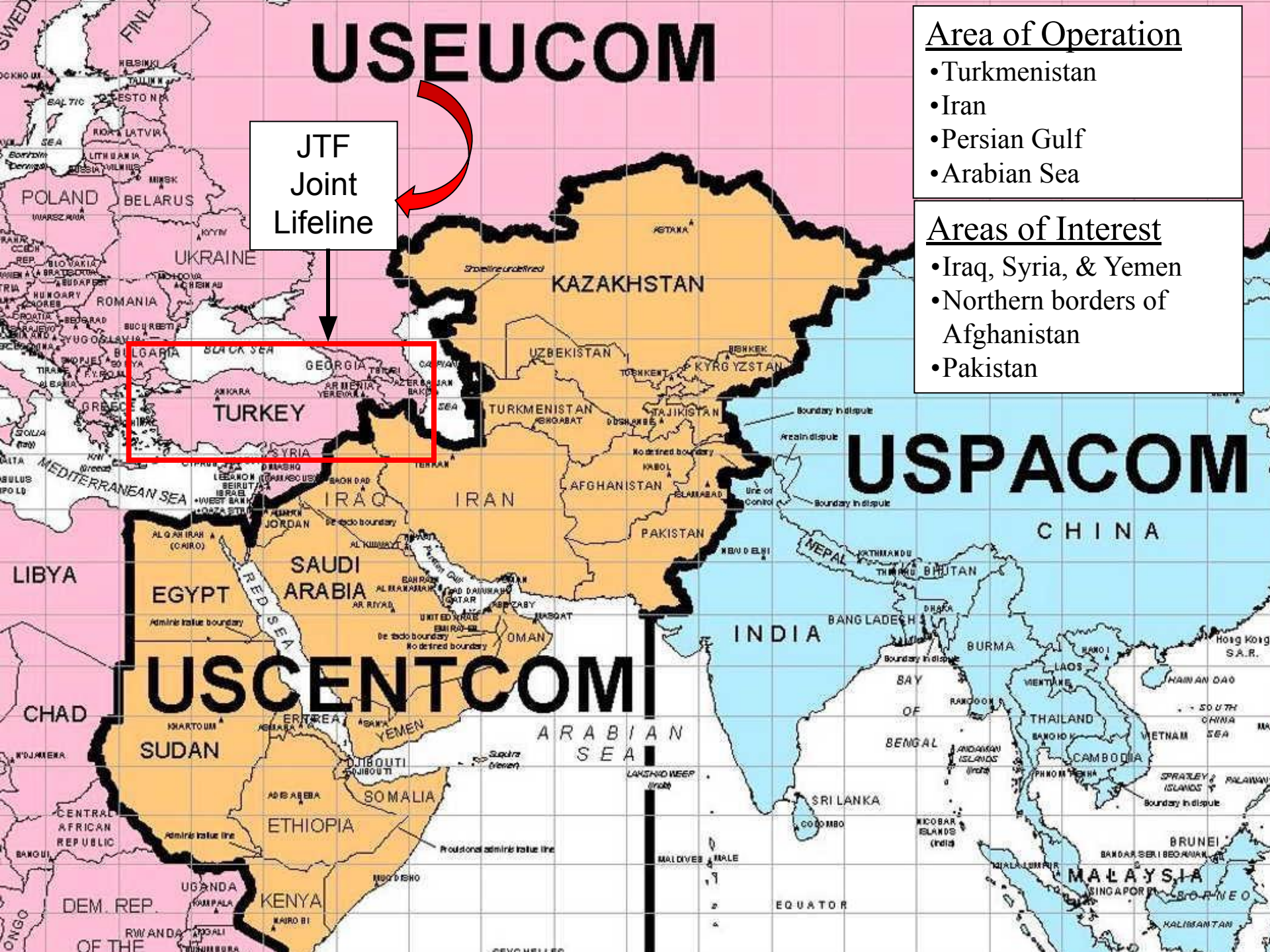
- Turkmenistan
- Iran
- Persian Gulf
- Arabian Sea

Areas of Interest

- Iraq, Syria, & Yemen
- Northern borders of Afghanistan
- Pakistan

USPACOM

USCENTCOM



KAZAKHSTAN | UZBEKISTAN

A second IBCT (2,500 soldiers) will arrive in Turkey in 8 days. They will not be fully constituted in Turkmenistan for another 7 days.

Dashowuz

Turkmenbashy

Cheleken

Nebitdag

TURKMENISTAN

Gyzylarbat

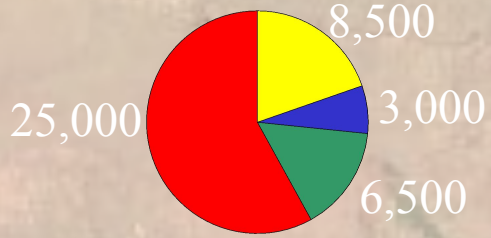
Ashgabat

Mary

IRAN

Mashhad

- Turkmen
- U.S.
- Russian
- Iranian



Russians 4 days out



National & Operational Objectives

- National Objectives

- Maintain Turkmenistan's territorial sovereignty
- Maintain political, economic, and military stability of Central Asia
- Maintain political, economic, and military stability of the Gulf Council Countries (GCC) and the Middle East
- Maintain world economic stability by ensuring the world market has continued access to Mid-east oil and gas

- Operational Objectives should Iran attack Turkmenistan

- Drive Iranian forces from Turkmenistan territory
- Cripple their ability to mount a similar incursion in the future
- Prevent the conflict from expanding to neighboring states
- Counter any Iranian attempt to cut off the Strait of Hormuz
- Should an attempt be made to cut off the Strait, eliminate Iran's ability to sustain the closure and eliminate their ability to reinstate the closure of the Strait of Hormuz

Pre-Hostilities ROE

- No over-flight of Azerbaijan or Pakistani airspace
- Over-flight of Georgia and Russia is authorized through a specified air corridor with pre-coordination
 - A 250nm radius no-fly zone has been instituted around the Biakonur Cosmodrome, a Russian administered zone within Kazakhstan
- During pre-hostilities there are no flights over Iranian airspace without prior and direct authorization from CINCCENT
- Strike assets stationed in Saudi Arabia cannot fly force visibility/strike missions over the Persian Gulf or Arabian Sea.
- Tanker, C2, and ISR platforms stationed in {Bahrain} *Saudi Arabia?* can be used to support missions against Iran
- Any air asset can be stationed in Kuwait, Turkey, Kazakhstan, Uzbekistan, and Turkmenistan providing airfield facilities can support the beddown.

Pre-Hostilities ROE (cont.)

- Self-defense ROE for US forces in the region is in effect
 - Combat aircraft are uploaded with A/A missiles and ARMs
 - Army aviation is flying with full combat loading
- Turkey will not allow combat missions to be flown against Iran unless the Iranians strike Turkey
 - Turkey will allow transport, ISR, and defensive CAP to be flown
 - Incirlik, Izmir and Ezerum AB are available to US forces, as are the ports of Sinop and Istanbul.

Iran's Order of Battle (OB)



Iranian Army
13 Reg. Divisions
• 4 Armor
• 3 Mechanized
• 6 Infantry
4 Reserve Infantry Divisions

TURKEY

AZERBAIJAN

TURKMENISTAN

UZBEKISTAN

IRAQ

Tabriz

Mahabad

Hamadan

Tehran

Nebitdag

Turkmenbashy

Gyzylarbat

Ashgabat

Mashhad

Baghdad

Dezful

Esfahan

Ahvaz

Shiraz

Bushehr

Zahedan

AFGHANISTAN

Kuwait

Kuwait

Bahrain

Qatar

UAE

Bandar Abbas

Chahahar

PAKISTAN

Saudi Arabia

Riyadh

Oman

Caspian Sea Maritime Operating Areas

Bandar-e Anzali



Chalus



Bandar-e Torkaman



Tehran



Iran Caspian Sea NOB:

Anzali:

- Guided Missile Patrol Cutter 1
- Guided Missile Patrol Boat 3
- Anti-ship Helicopters 3

Chalus:

- Guided Missile Patrol Boat 2

Torkaman

- Guided Missile Patrol Boat 3
- Anti-ship Helicopters 3

Bandar-e Abbas:

- FFG 3
- Minelayers 2
- Attack Helos 12

Bandar-e Lengeh:

- FFG 3
- PBG 6
- Attack Helos: 8

Jask:

- Kilo Class Subs 2

Lavan Isand:

- 1000 troops
- C-802 launchers 6
- SA-5/SA-6s

- ASuW Helos 4

Kish Island:

- 700 troops
- C-802 launchers

Forur Isand:

- 400 troops
- C-802 launchers 3
- PBGs 6
- SA-5/SA-6s

Sirri Island:

- 750 troops
- C-802 launchers 4

Abu Musa Island:

- 1100 troops
- C-802 launchers 6
- Silkworms 3
- ASuW Helos 8
- PBGs 6

Tunb Island:

- 350 troops
- C-802 Launchers 2
- Silkworms 2
- PBGs 6

Qeshm Island:

- 3500 troops
- C-802 Launchers 9
- PBGs 12
- SA-5/SA-6s

Lorak Island:

- 350 troops
- C-802 Launchers 2
- Silkworms 2
- PBGs 6
- ASuW Helos

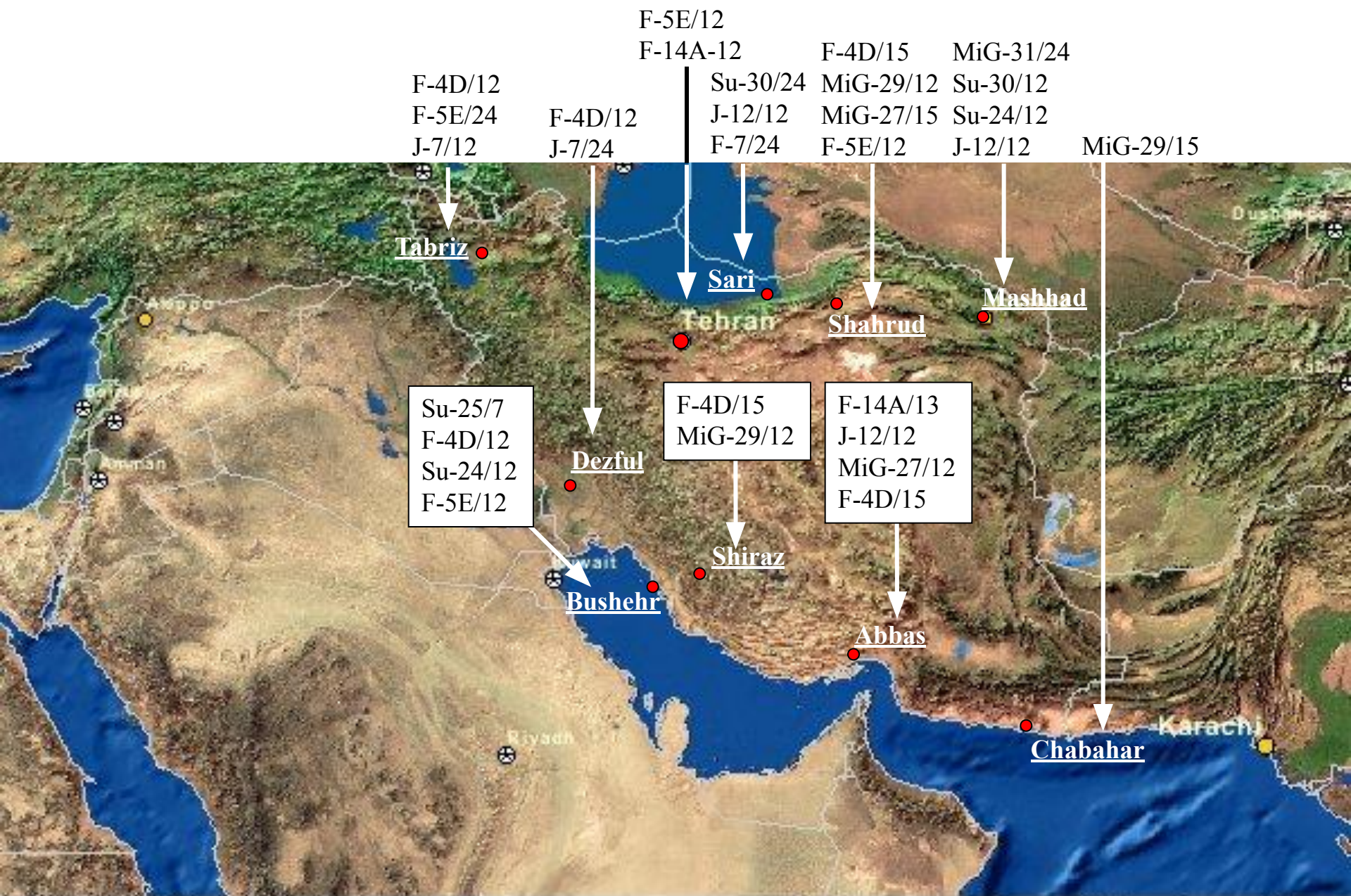


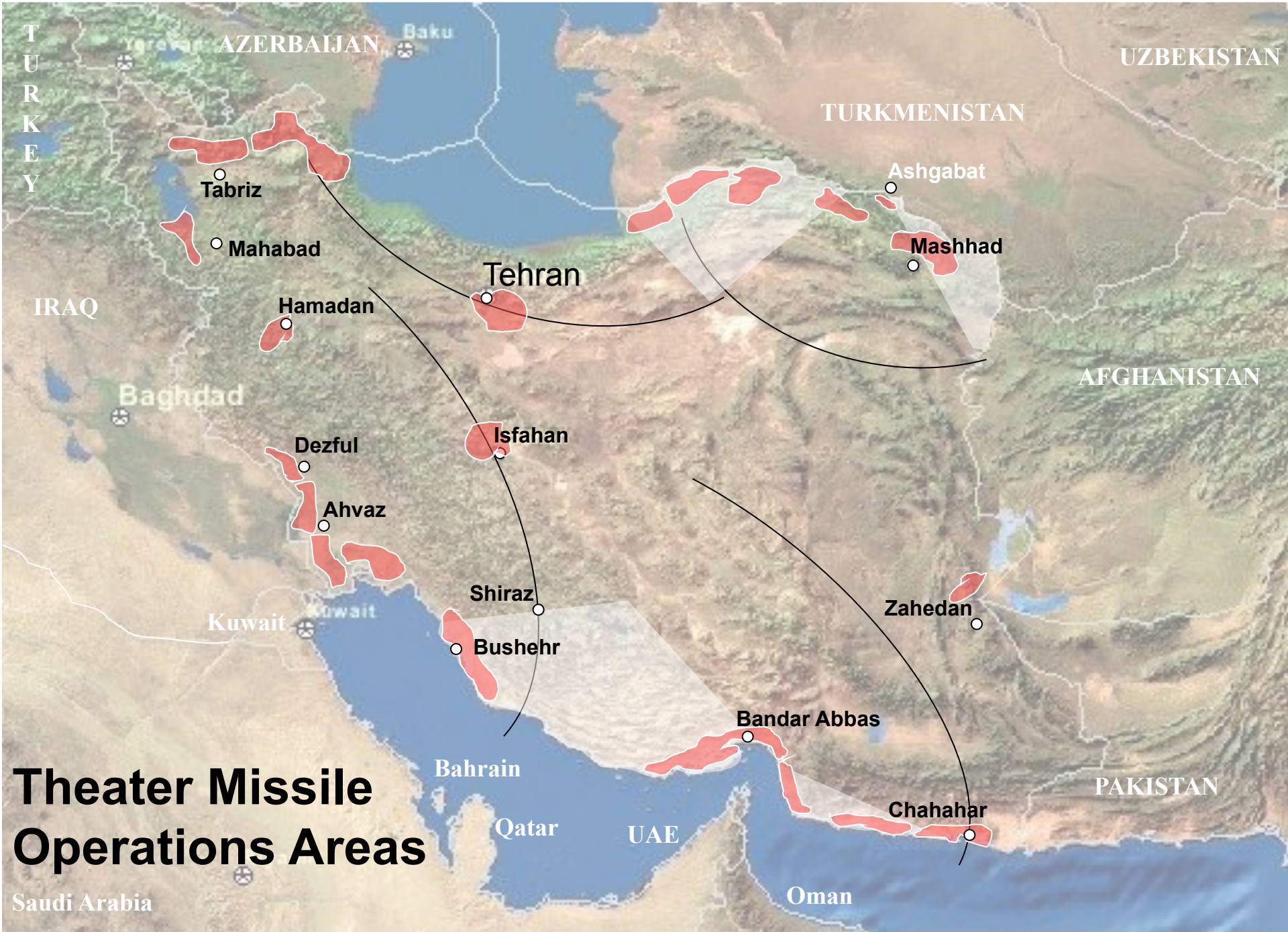
Q
A
T
A
R

UNITED ARAB EMIRATES

OMAN

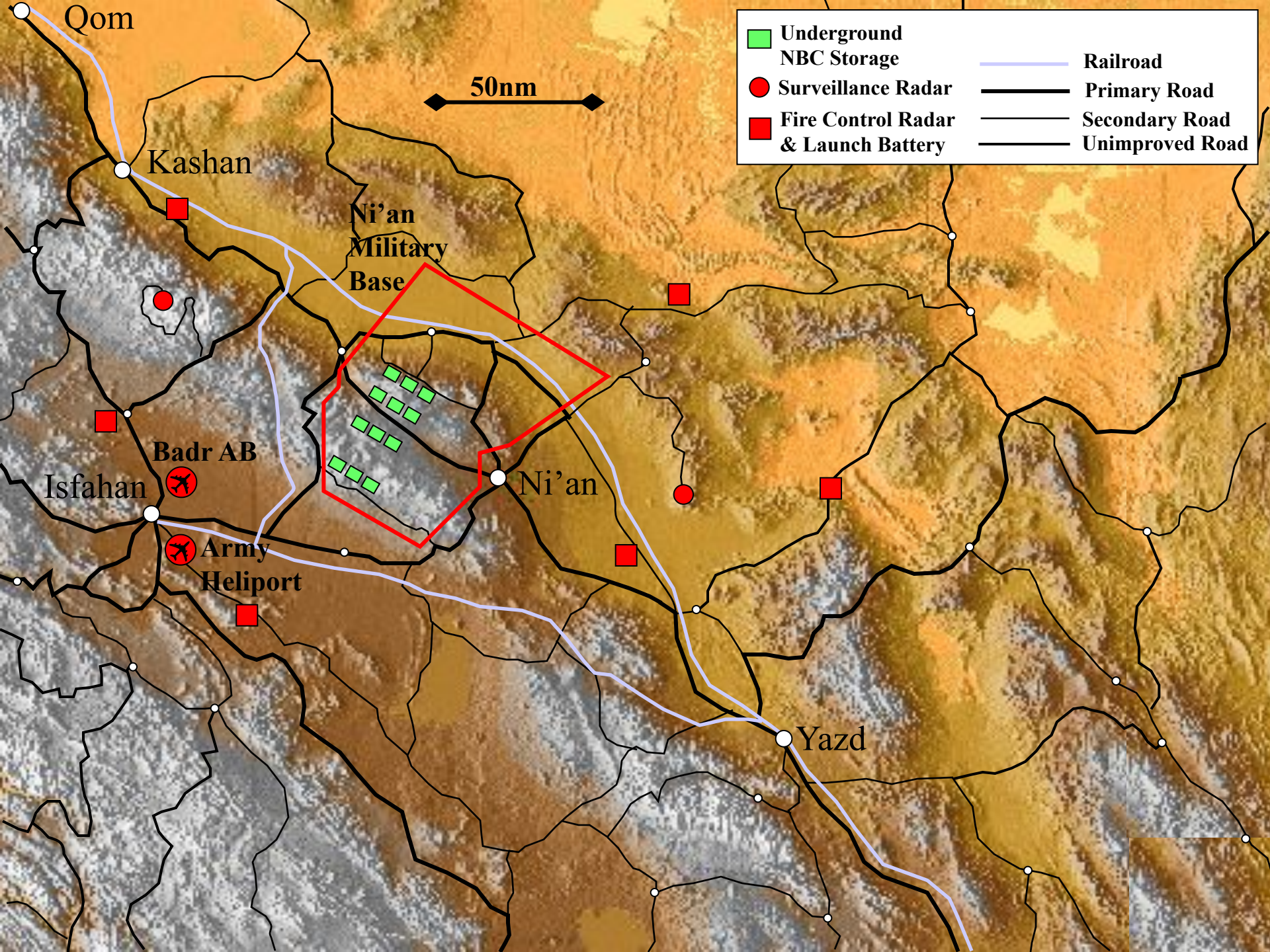
Iranian Air Order of Battle





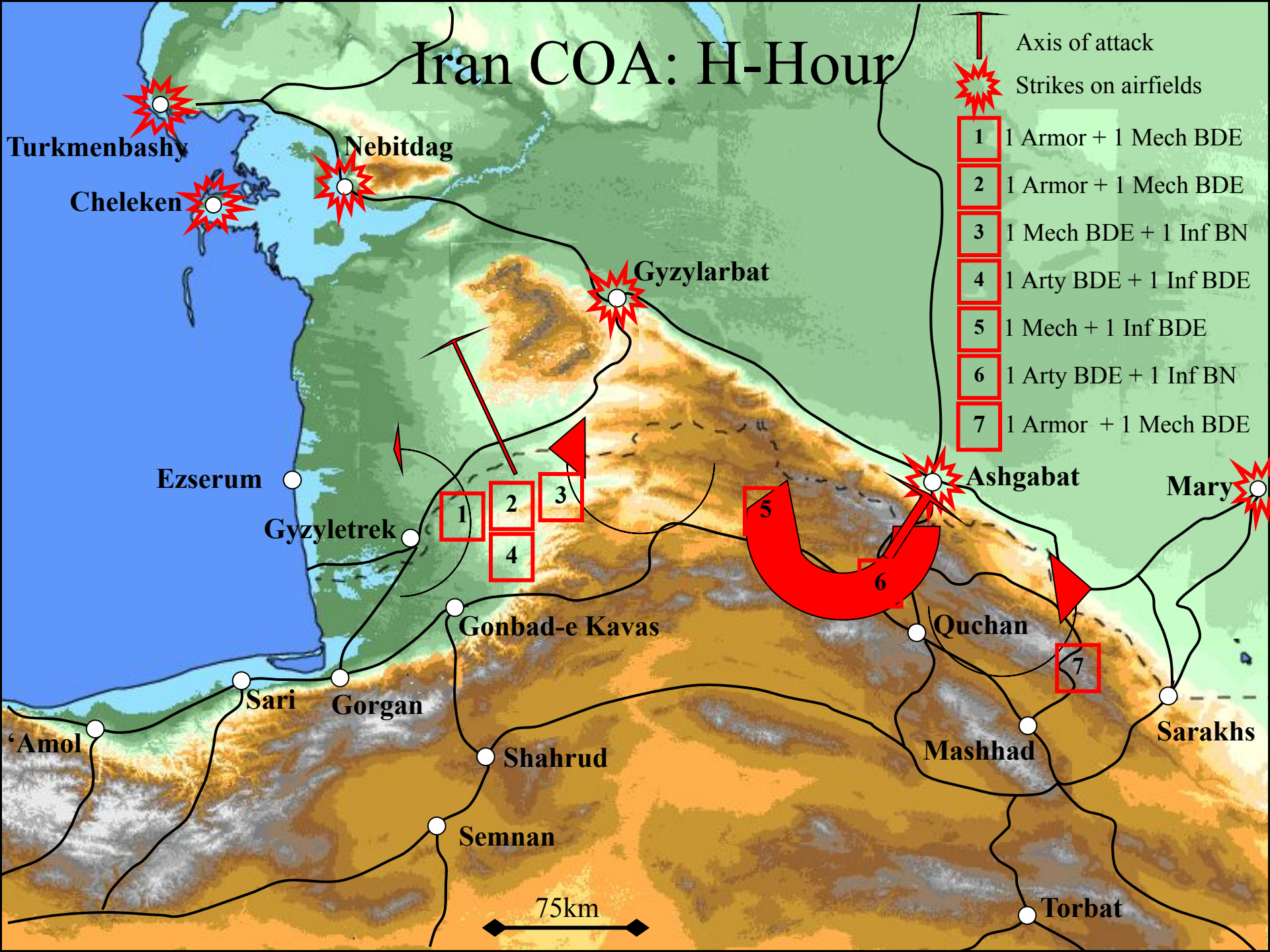
Theater Missile Operations Areas

Saudi Arabia



Iran's Expected Course of Action (COA)

Iran COA: H-Hour

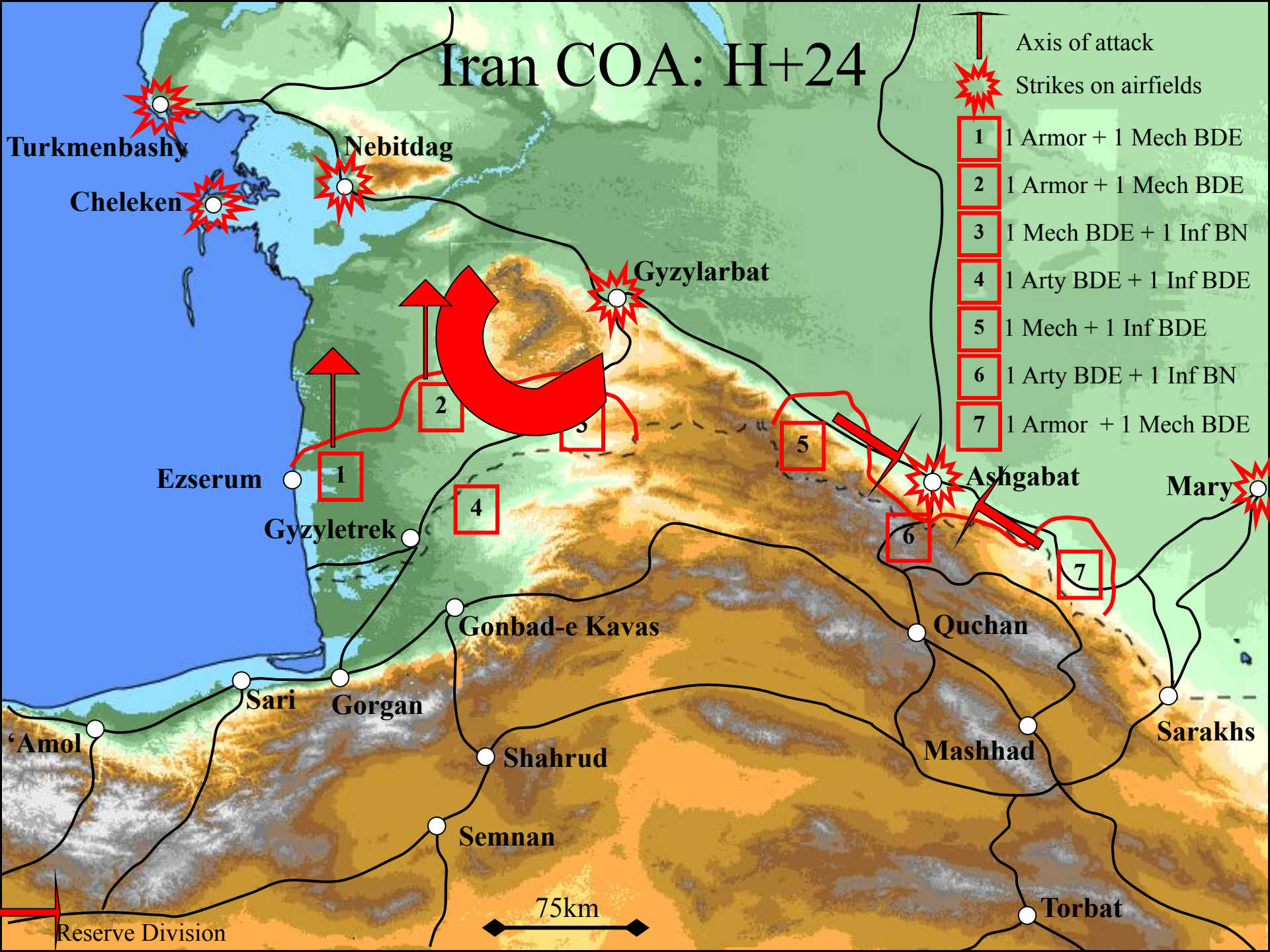


Axis of attack

Strikes on airfields

- 1 1 Armor + 1 Mech BDE
- 2 1 Armor + 1 Mech BDE
- 3 1 Mech BDE + 1 Inf BN
- 4 1 Arty BDE + 1 Inf BDE
- 5 1 Mech + 1 Inf BDE
- 6 1 Arty BDE + 1 Inf BN
- 7 1 Armor + 1 Mech BDE

Iran COA: H+24



Turkmenbashi

Cheleken

Nebitdag

Gyzylarbat

Ezserum

Gyzyletek

Ashgabat

Mary

Gonbad-e Kavas

Quchan

'Amol

Sari

Gorgan

Shahrud

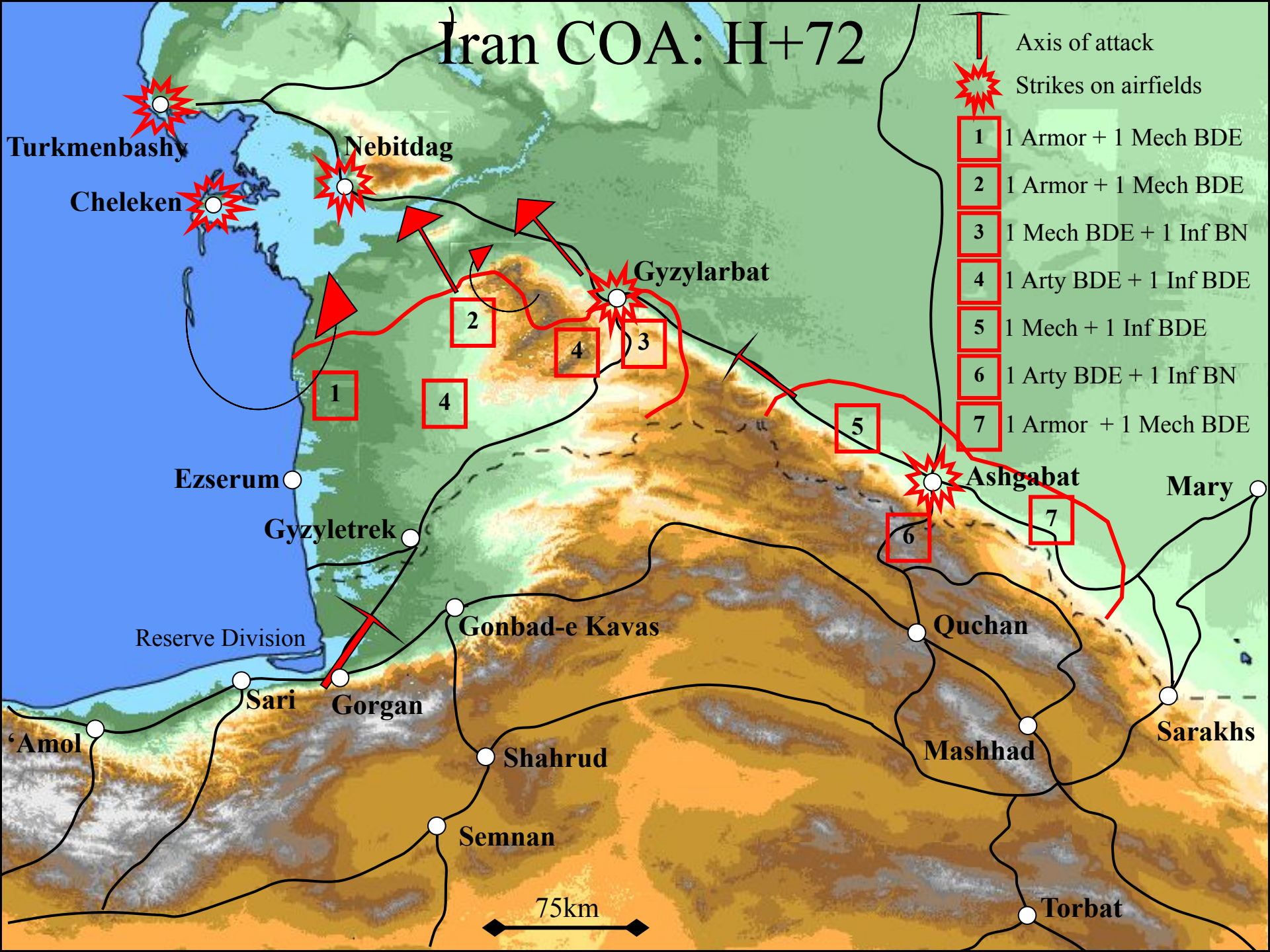
Mashhad

Sarakhs

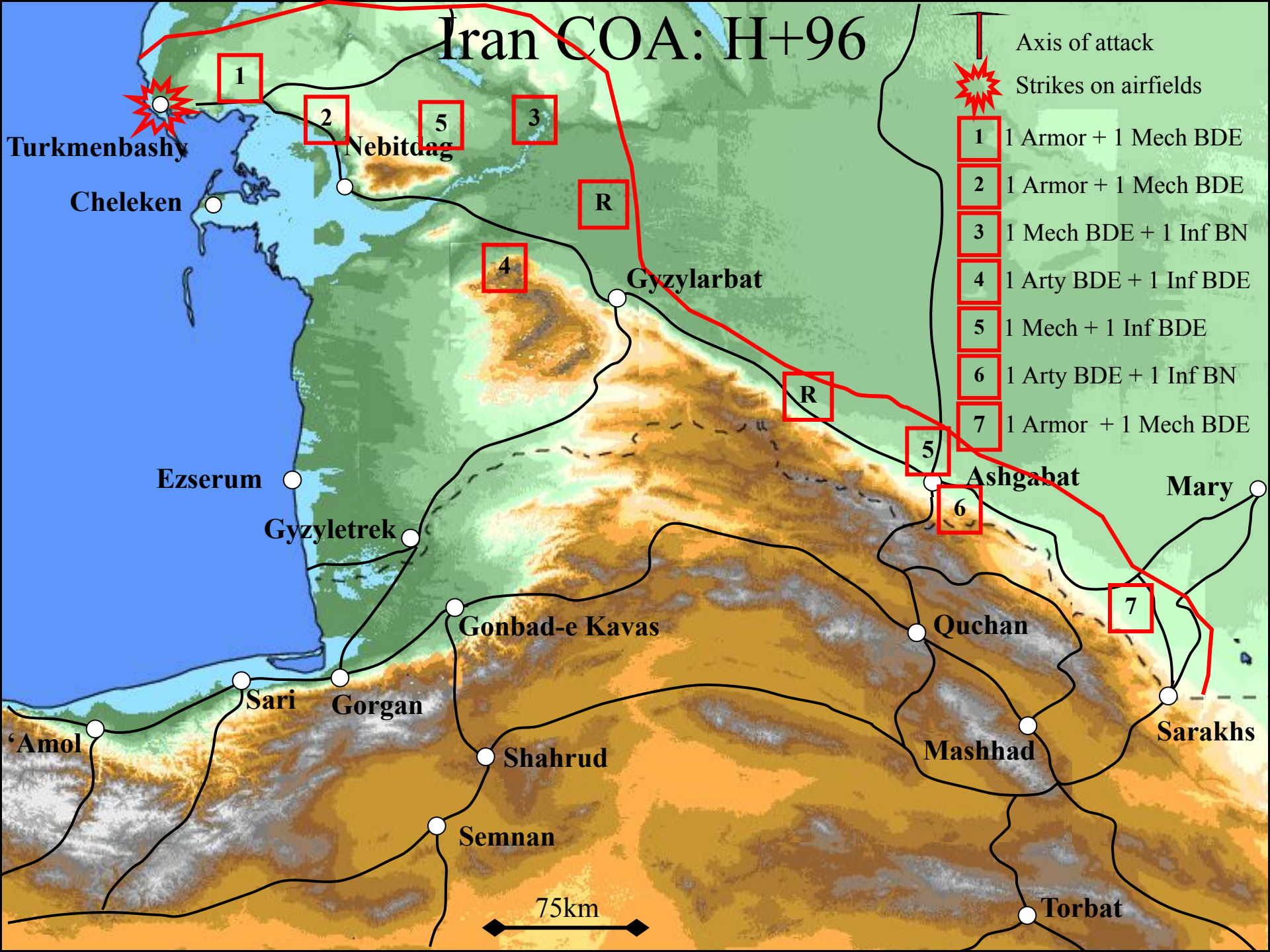
Semnan

Torbat

Iran COA: H+72



Iran COA: H+96



Division on the Attack

Attacker/ Defender Ratio	Type	Unit	Terrain	Daytime Advance	Night Advance
3:1 Heavy Resistance	Armor/Mech	Unrestricted	7.5km/day	5.0km/night	
3:1 Heavy Resistance	Infantry	Unrestricted	5.0km/day	2.5km/night	
3:1 Heavy Resistance	Armor/Mech	Restricted	3.5km/day	2.0km/night	
3:1 Heavy Resistance	Infantry	Restricted	2.5km/day	1.5km/night	
4:1 Medium Resistance	Armor/Mech	Unrestricted	10km/day	5.0km/night	
4:1 Medium Resistance	Infantry	Unrestricted	6.0km/day	3.0km/night	
4:1 Medium Resistance	Armor/Mech	Restricted	5.0km/day	2.5km/night	
4:1 Medium Resistance	Infantry	Restricted	3.0km/day	1.5km/night	
5:1 Light Resistance	Armor/Mech	Unrestricted	18km/day	9.0km/night	
5:1 Light Resistance	Infantry	Unrestricted	10km/day	5.0km/night	
5:1 Light Resistance	Armor/Mech	Restricted	10km/day	5.0km/night	
5:1 Light Resistance	Infantry	Restricted	5.0km/day	2.5km/night	
6:1 Negligible Resistance	Armor/Mech	Unrestricted	30km/day	15km/night	
6:1 Negligible Resistance	Infantry	Unrestricted	12km/day	6.0km/night	
6:1 Negligible Resistance	Armor/Mech	Restricted	15km/day	7.5km/night	
6:1 Negligible Resistance	Infantry	Restricted	6.0km/day	3.0km/night	

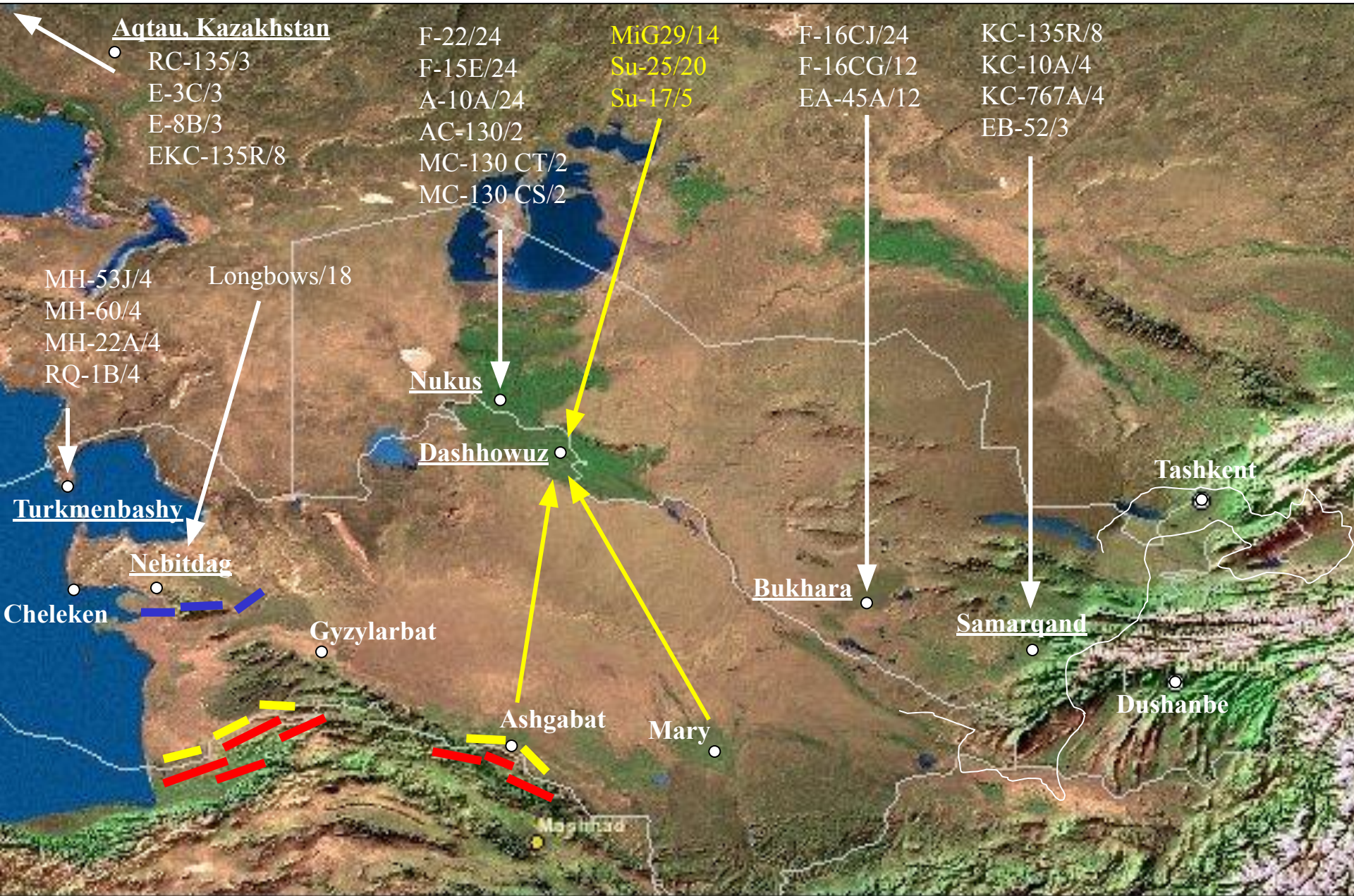
Division on the Attack

<u>Unit</u>	<u>Standard Frontage</u>	<u>Standard Vehicle Gap</u>	<u>Extended Frontage</u>	<u>Extended Vehicle Gap</u>
Division (Zone of Attack)			15km	25km
Brigade (Zone of Attack)			8.0km	15km
Division (Main Attack Axis)			6.0km	10km
Brigade (Main Attack Axis)			3.5km	5.0km
Mechanized Battalion	4,000m	100m	8,000m	200m
Tank Battalion	4,000m	150m	8,000m	300m

<u>Unit</u>	<u>Deployment from FEBA</u>	<u>Depth in km</u>	<u>Occupation Area</u>
Division Rear CP		30km	2.0km radius
Division Supply Dump (Ammo, POL, Rations)			30km 12km radius (can be broken up)
Division Repair Point		30km	4km radius
Division Main CP		15km	1.0km radius
Brigade Supply Point (Ammo, POL, Rations)			10km 7.0km radius (can be broken up)
Brigade Repair Point		7.0km	2.0km radius
Division Artillery Group		6.0km	2.5km radius
Division Forward CP		5.0km	0.5km radius
Brigade Main CP		5.0km	0.5km radius
Brigade Artillery Group		5.0km	1.5km radius
Battalion Supply Point (Ammo, POL, Rations)			4.0km 2.5km radius (can be broken up)

Blue Order of Battle (OB)

Blue Air Order of Battle over Turkmenistan



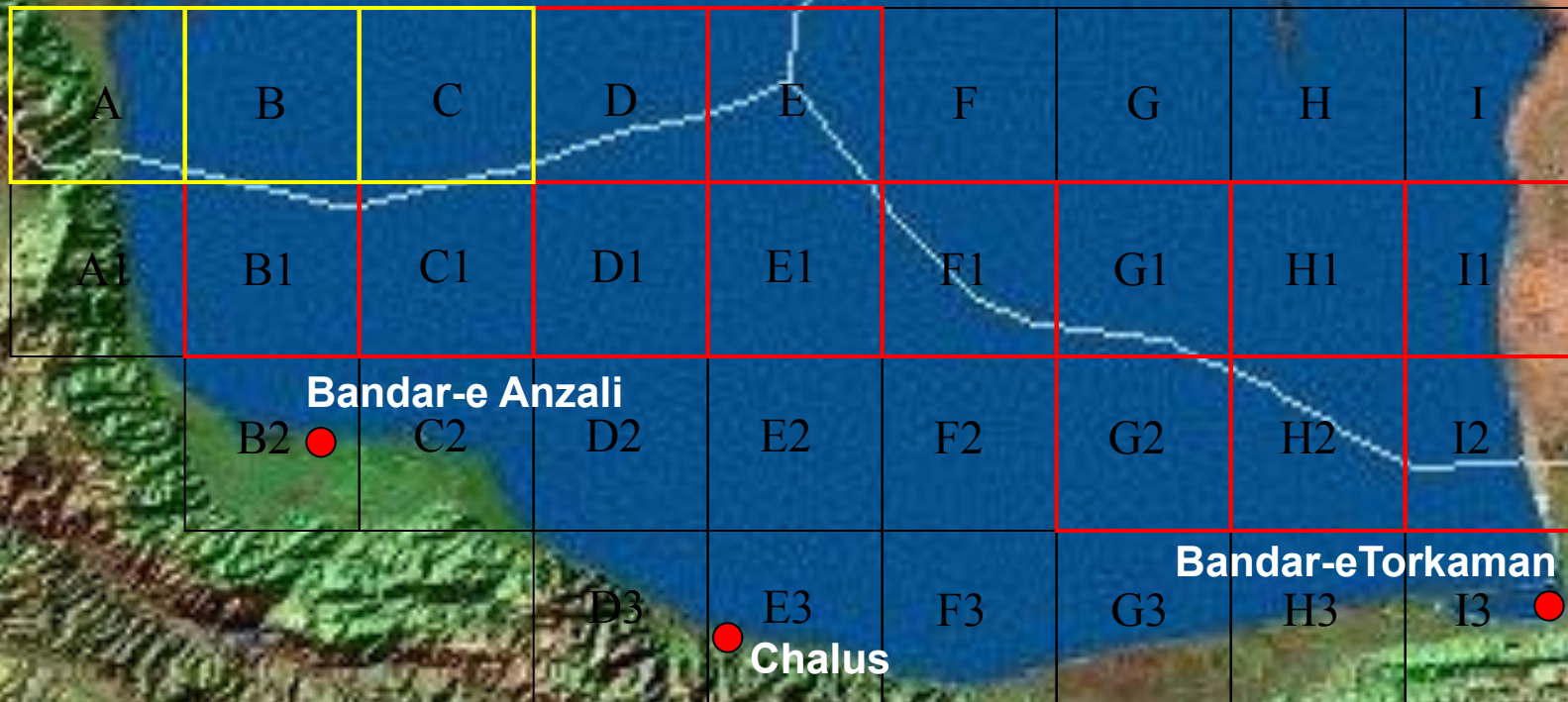
F-15C/18				F-14D/10	F-16CJ/24				F-18F/10
F-15CJ/18		RC135RJ/3		F/A-18C/24	F-16CG/36				F/A-18C/24
EA-6B/5	F-15C/12	KC767A/8		F/A-18E/6	F-22/24	MC-130CS/2			F/A-18E/6
RC-135/1	RF-45A/3	EC130/4	F-15C/18	E-2C/4	EA-45A/12	MV-22A/6	B1-B/6		E-2C/4
KC-135R/10	MC-130CS/2	E-3C/4	F-18D/14	EA-6B/4	KC135R/4	RQ-1B/4	KC-10A/4		EA-6B/4



Caspian Sea Maritime Operating Areas

Patrolled by Azerbaijan

Patrolled by Kazakhstan & Russia



Tehran ●

Blue Caspian Sea NOB:

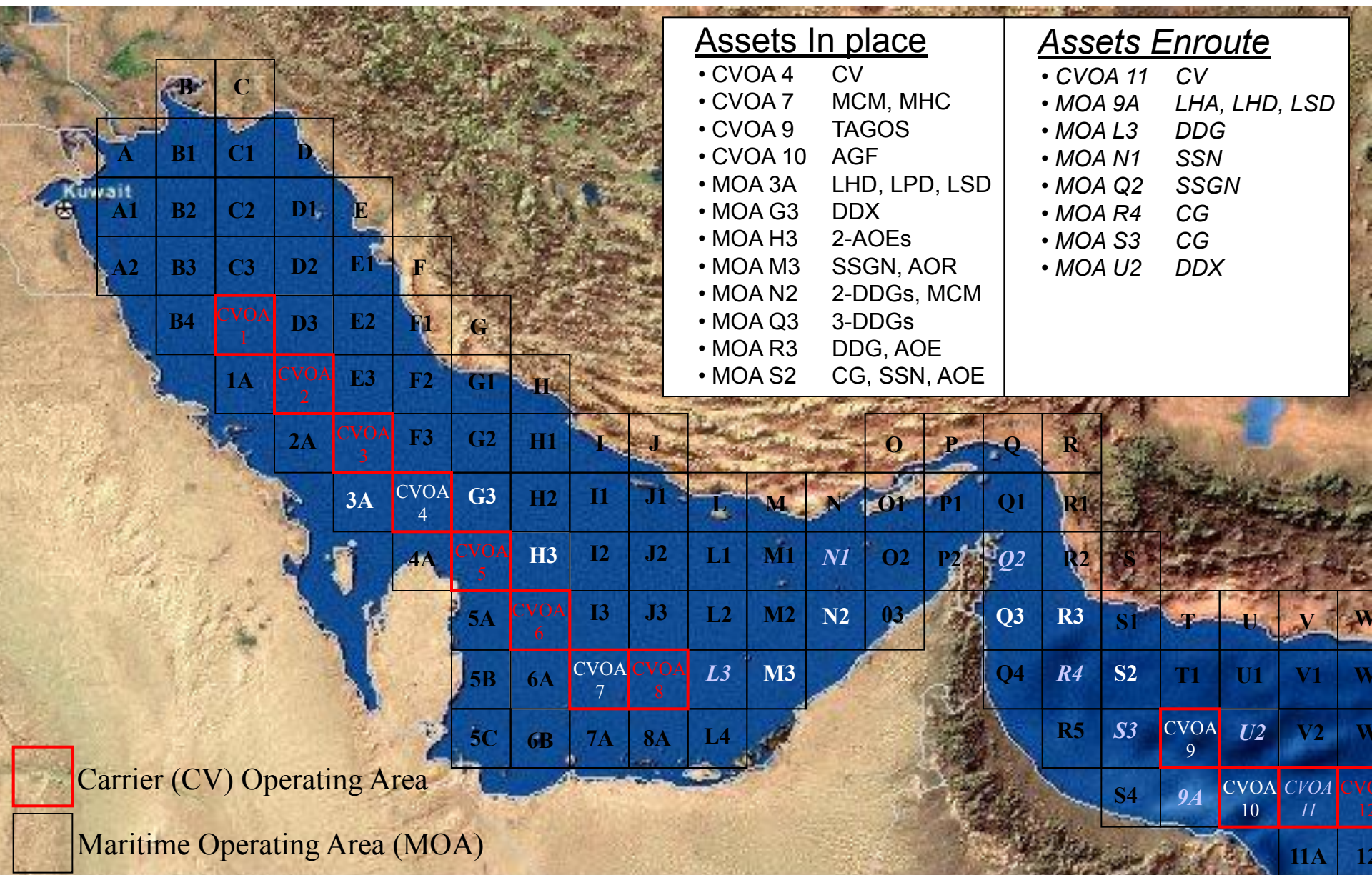
Kazakhstan:

- Guided Missile Patrol Cutter 11
- Guided Missile Patrol Boat 22

Russia:

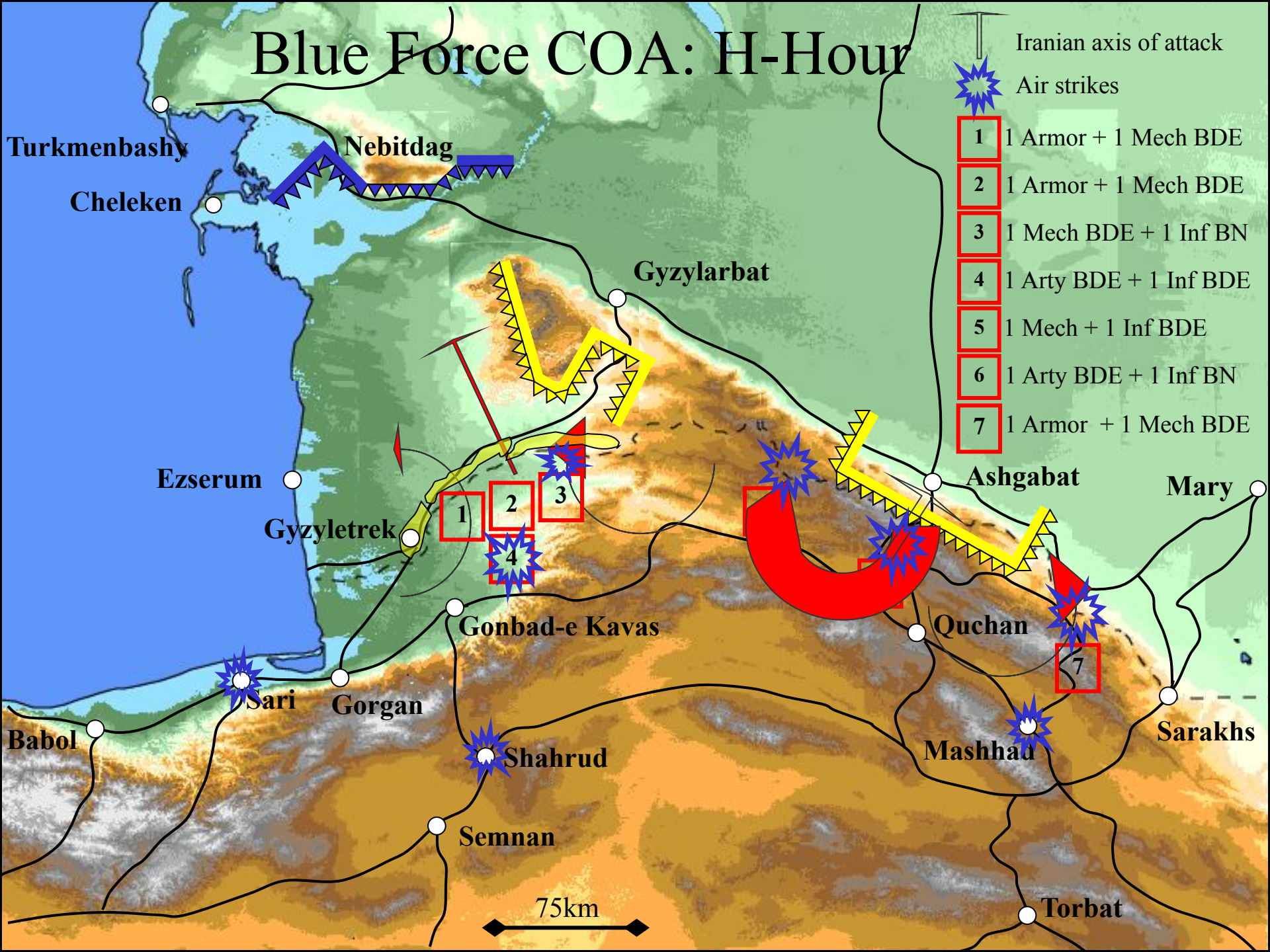
- Turya T118 1
- Turya T75 1
- Guided Missile Patrol Boat 6
- Minesweeper 1

Persian Gulf and Gulf of Oman Operating Areas

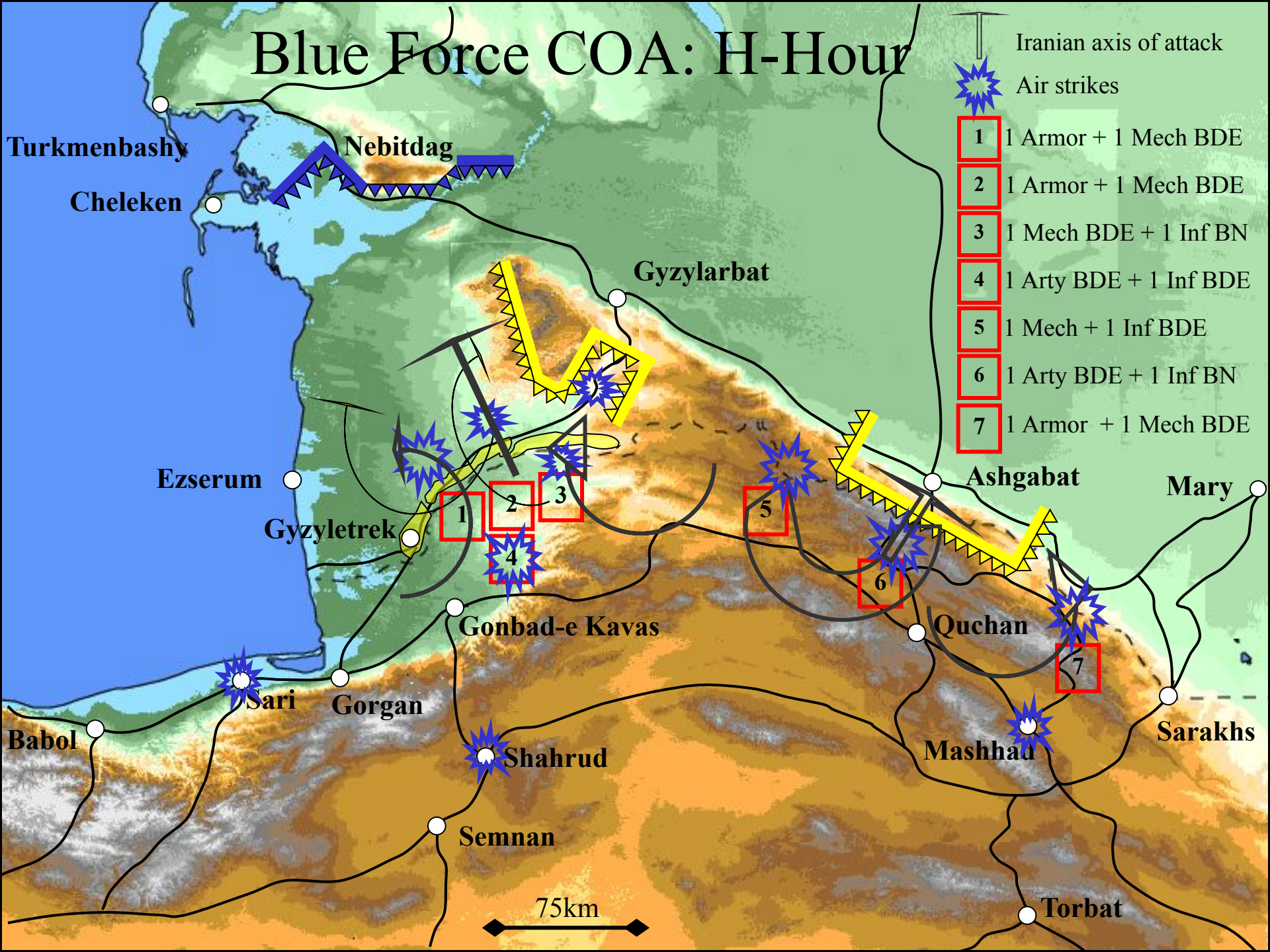


Blue Force Course of Action (COA)

Blue Force COA: H-Hour



Blue Force COA: H-Hour



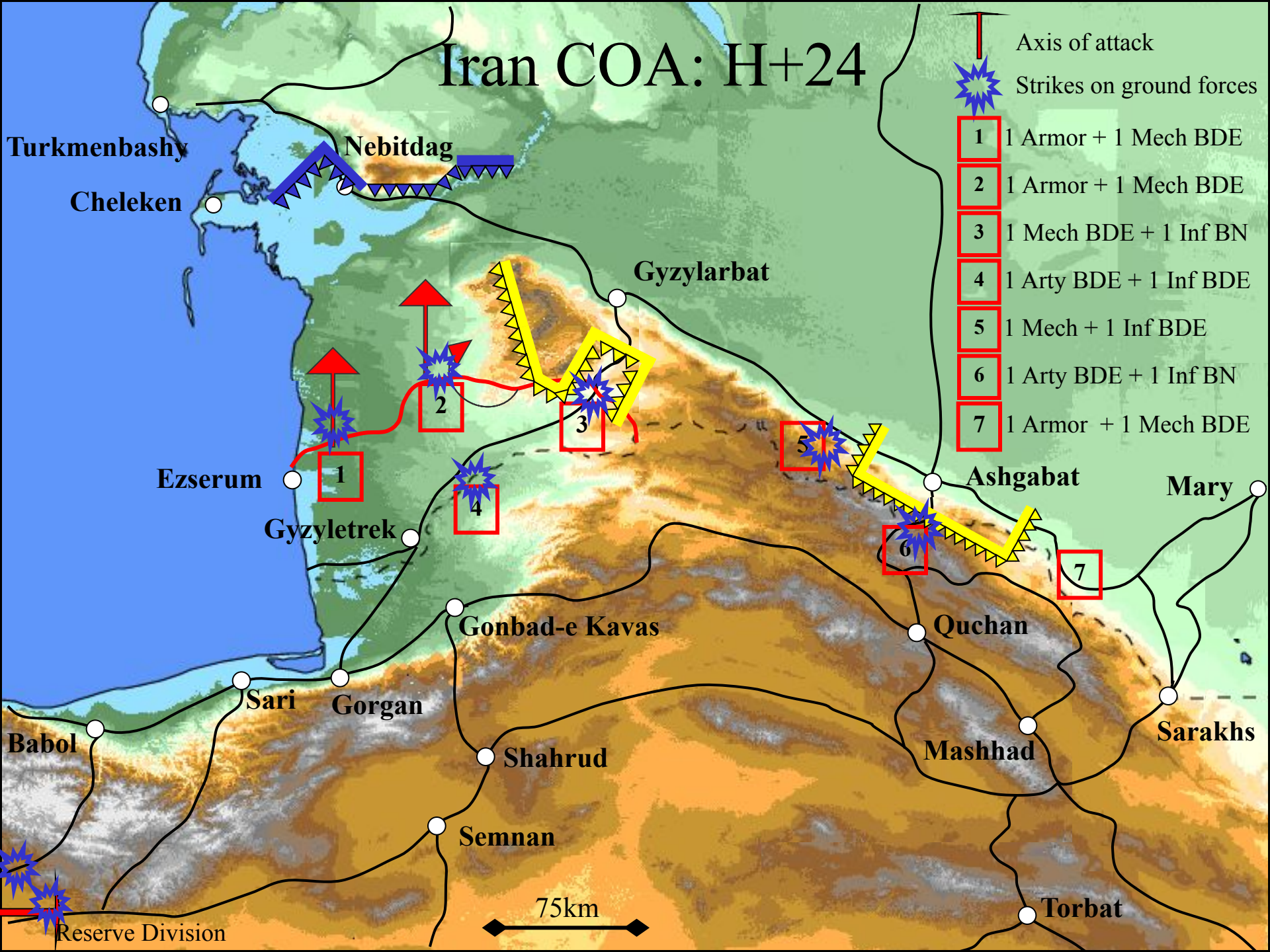
Iranian axis of attack

Air strikes

- 1 1 Armor + 1 Mech BDE
- 2 1 Armor + 1 Mech BDE
- 3 1 Mech BDE + 1 Inf BN
- 4 1 Arty BDE + 1 Inf BDE
- 5 1 Mech + 1 Inf BDE
- 6 1 Arty BDE + 1 Inf BN
- 7 1 Armor + 1 Mech BDE

75km

Iran COA: H+24



Turkmenbashi
Cheleken

Nebitdag

Gyzylarbat

Ezserum

Gyzyletek

Ashgabat

Mary

Gonbad-e Kavaz

Quchan

Babol

Sari

Gorgan

Shahrud

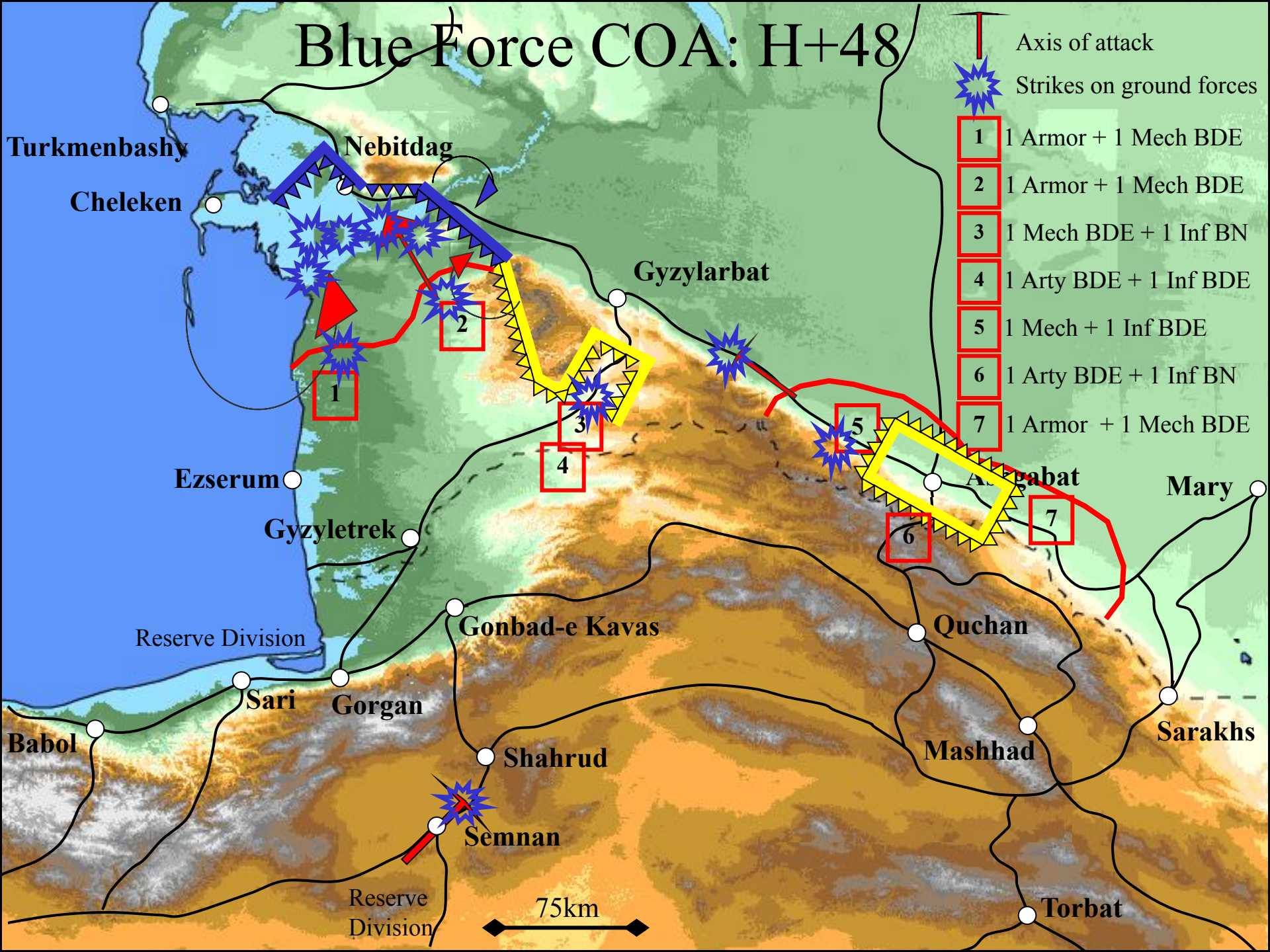
Mashhad

Sarakhs

Semnan

Torbat

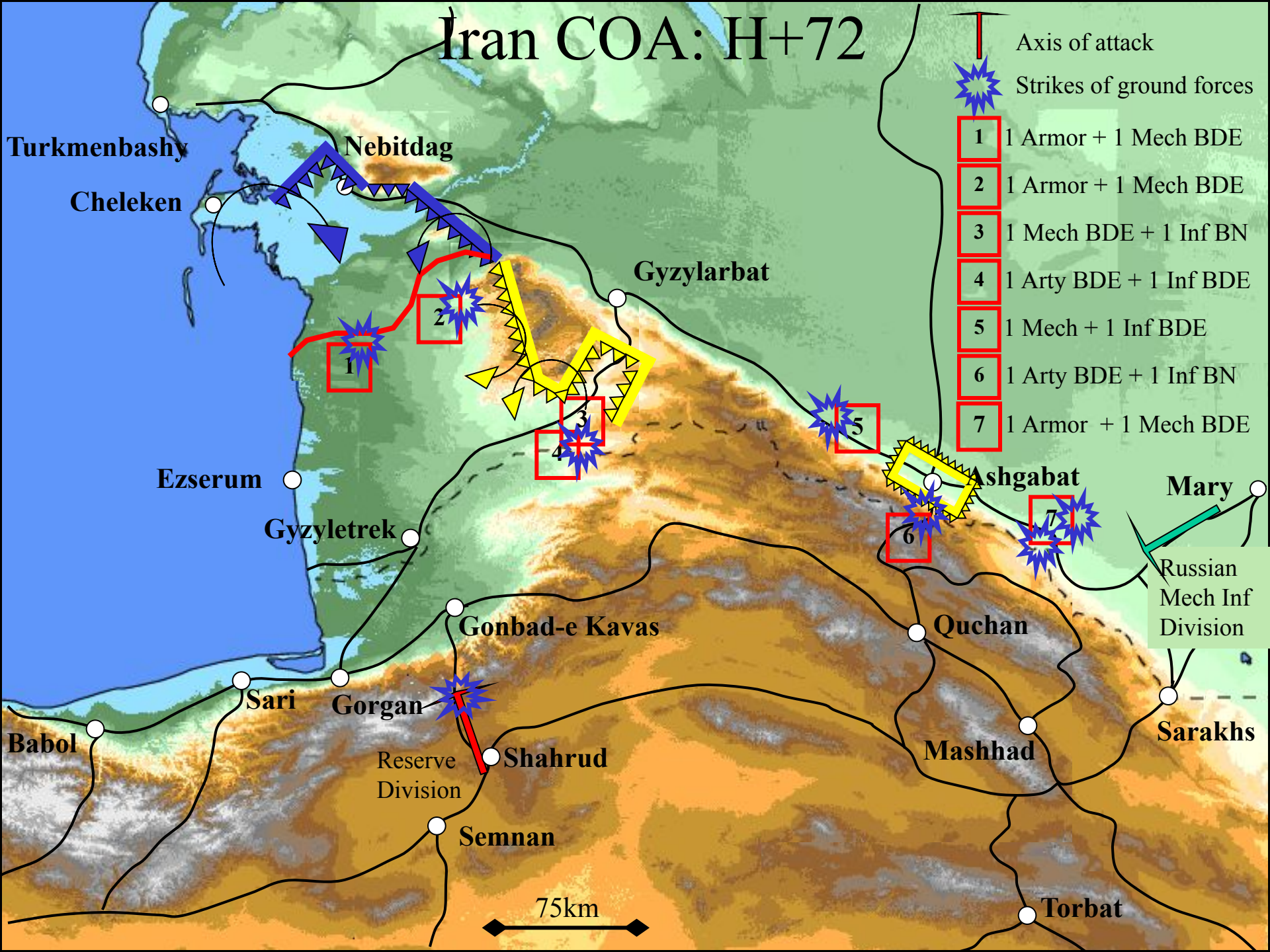
Blue Force COA: H+48



-  Axis of attack
-  Strikes on ground forces
- 1 1 Armor + 1 Mech BDE
- 2 1 Armor + 1 Mech BDE
- 3 1 Mech BDE + 1 Inf BN
- 4 1 Arty BDE + 1 Inf BDE
- 5 1 Mech + 1 Inf BDE
- 6 1 Arty BDE + 1 Inf BN
- 7 1 Armor + 1 Mech BDE

75km

Iran COA: H+72



Axis of attack

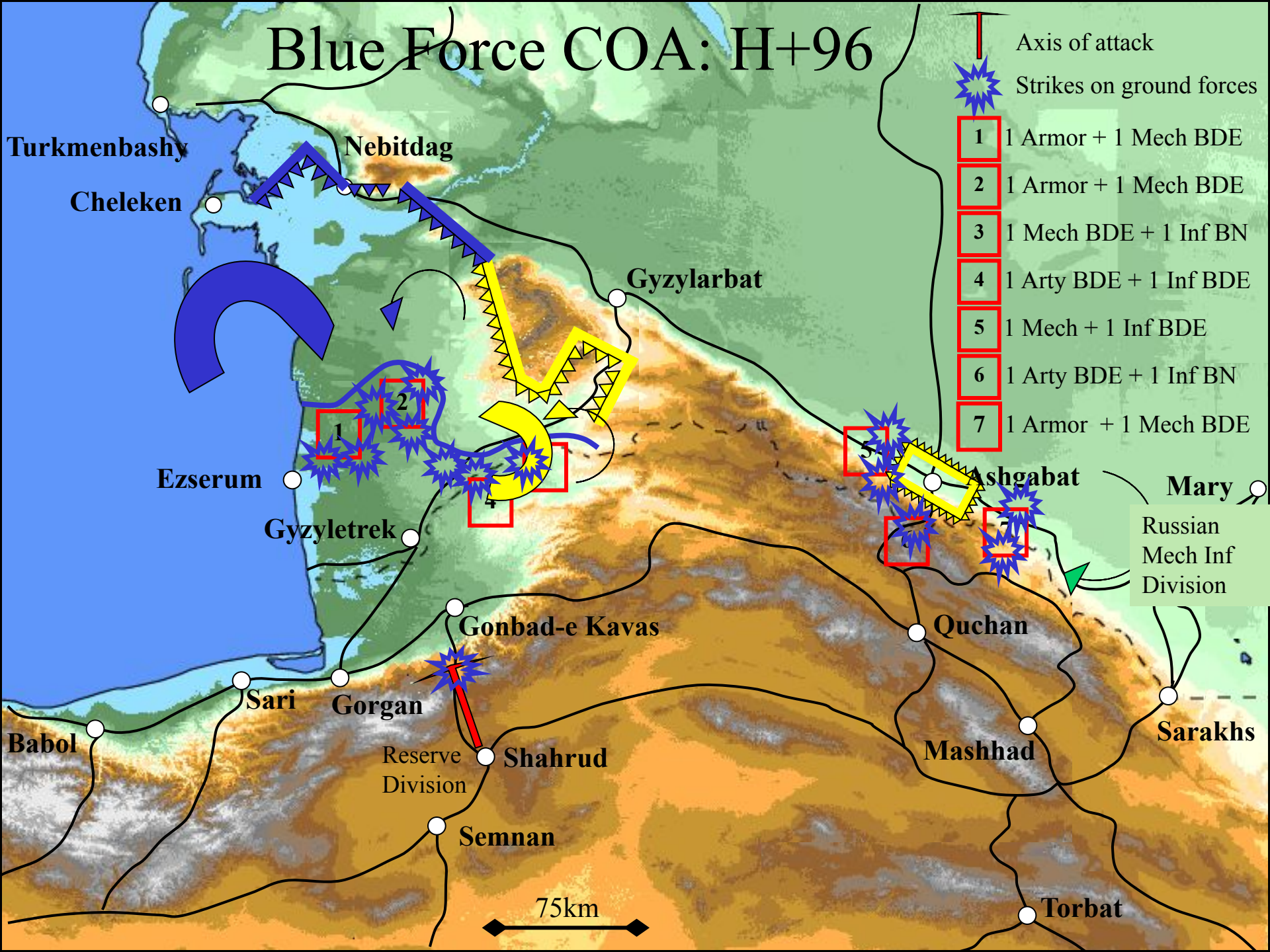
Strikes of ground forces

- 1 1 Armor + 1 Mech BDE
- 2 1 Armor + 1 Mech BDE
- 3 1 Mech BDE + 1 Inf BN
- 4 1 Arty BDE + 1 Inf BDE
- 5 1 Mech + 1 Inf BDE
- 6 1 Arty BDE + 1 Inf BN
- 7 1 Armor + 1 Mech BDE

Russian Mech Inf Division

75km

Blue Force COA: H+96



Blue Force Sortie Allocation/Day

Day	SEAD		Defensive CA		Offensive CA	Close Air Support*	Strategic Attack**
First 24 hours	120	144	144	96	24		
24 to 48 hours	120	72	120	192	24		
48 to 72 hours	72	72	48	336	96		
72 to 96 hours	72	72	32	352	96		

* Does not include Longbow helo missions

** Includes B-52s from Diego Garcia

Blue Force Target Priorities

Day	Pt Defense/ SAMs*	Iranian Airfields		WMD Sites**	Iranian Ground Units								
					Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Reserve Unit	
First 24 hours	1 (PD)	2	3	8	9	6	7	5	4	10	---		
24 to 48 hours	1 (both)	3	2	7	8	4	9	6	5	---	10		
48 to 72 hours	4 (area)	8	1	2	5	3	8	7	9	---	6		
72 to 96 hours	4 (area)	10	1	2	3	5	8	7	9	---	6		

* SA-10B systems are defending Iranian airfields at Sari, Shahrud, and Mashhad the three primary airfields to attack via offensive counter-air missions

** WMD sites will be attacked only when SOF forces indicate chem/bio weapons are being moved

Detailed target priority and ISR collection lists are found in separate spreadsheets