

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

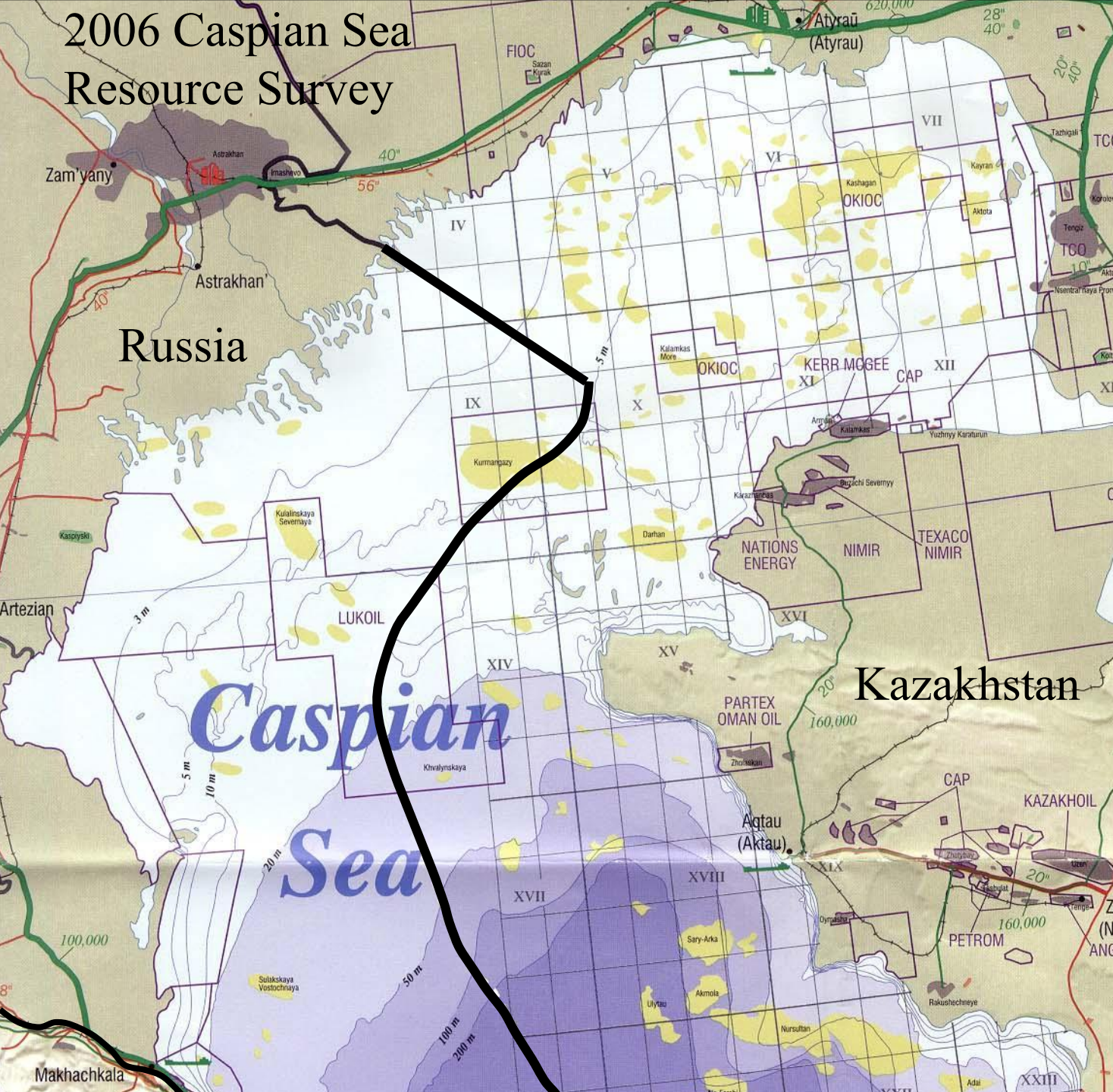
- Russia
- Kazakhstan
- Turkmenistan
- Georgia
- Azerbaijan
- Turkey
- Iran
- Ukraine
- Commercial Shipping
- Under construction
- Proposed



Caspian Sea Ownership Partially Resolved



2006 Caspian Sea Resource Survey



Proven Oil

8B

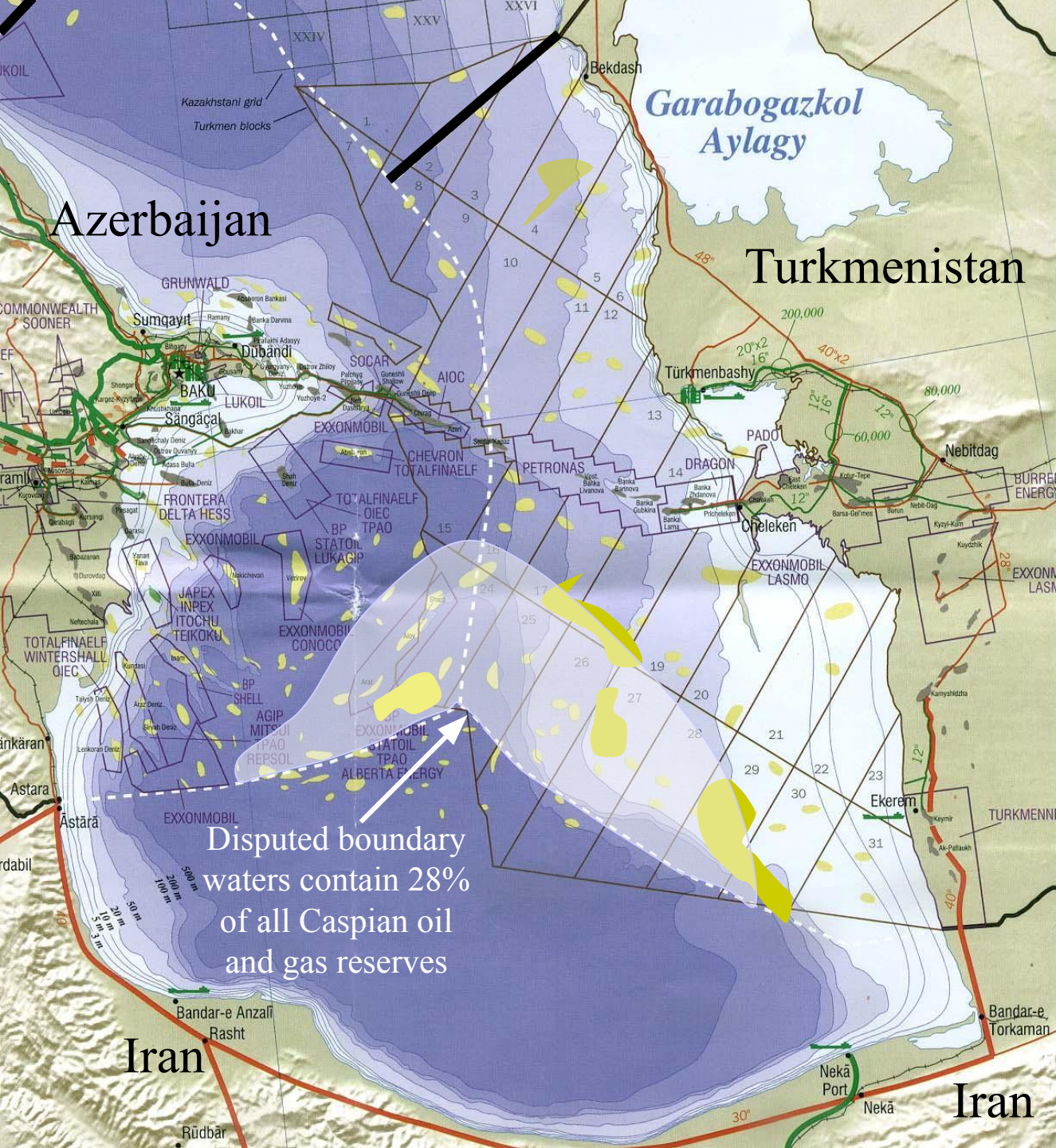
32B
Barrels

- Kazakhstan
- Russia

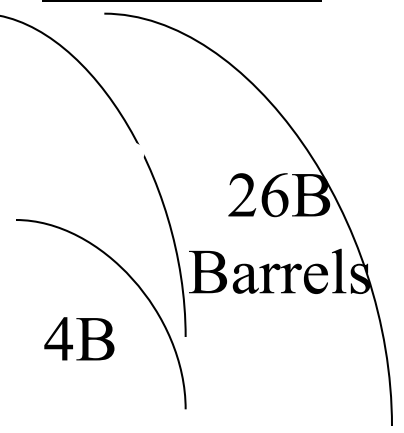
Proven Gas

44Tcf

135Tcf

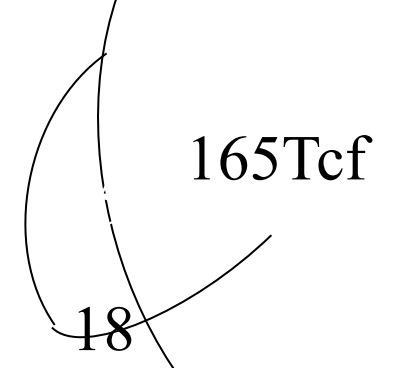


Proven Oil

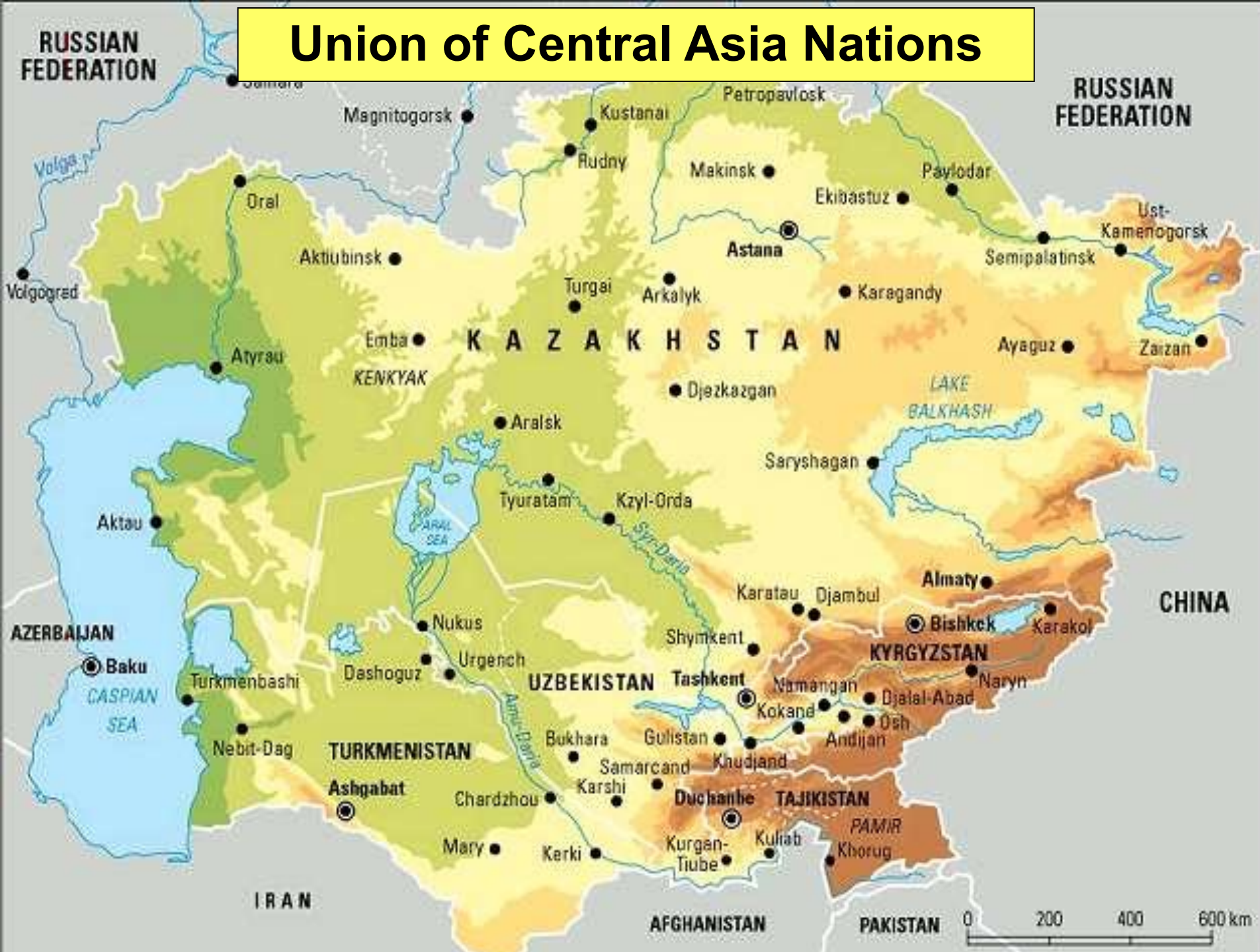


- Turkmenistan
- Azerbaijan
- Iran

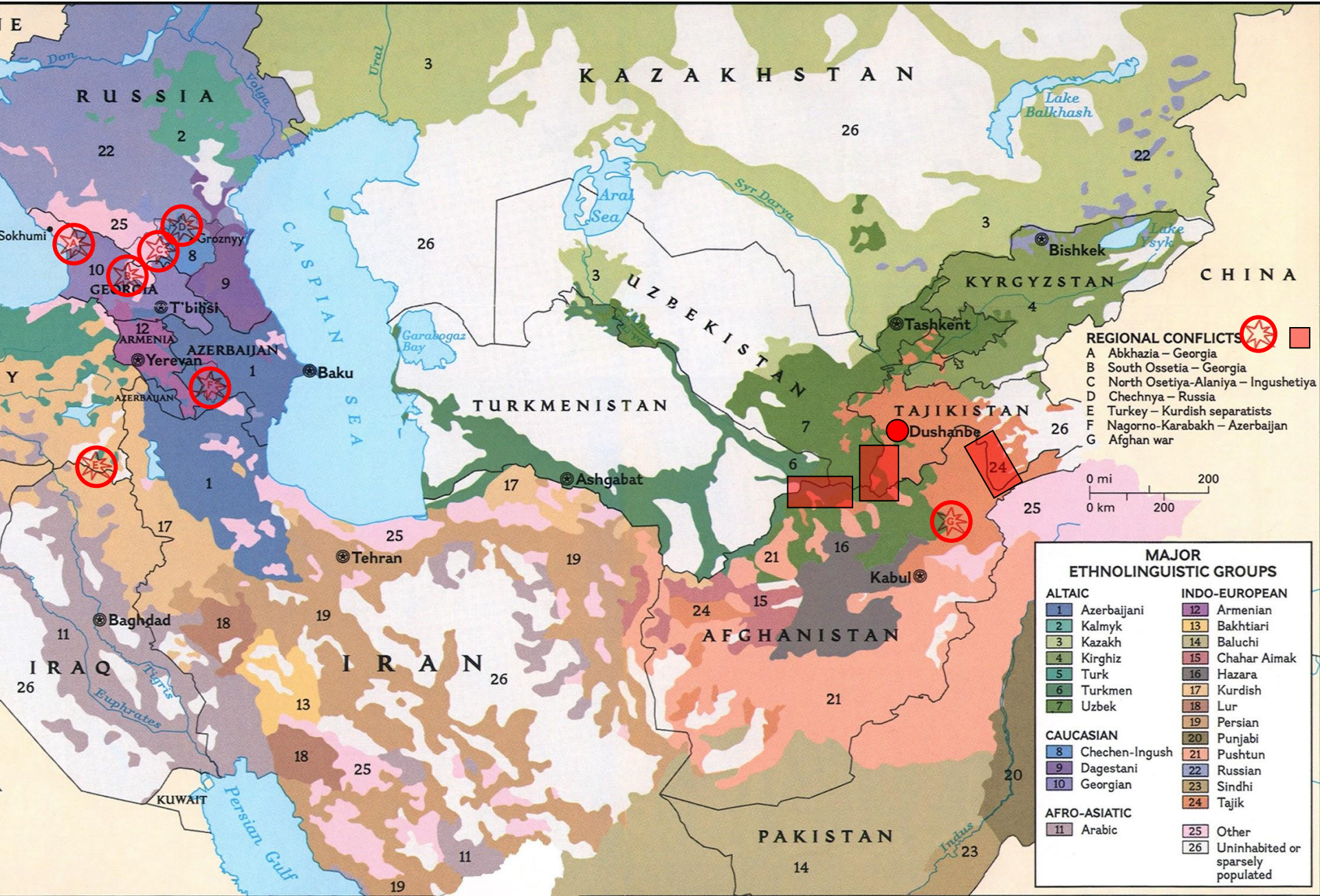
Proven Gas



Union of Central Asia Nations



Ethnic Map of Central Asia



- REGIONAL CONFLICTS**
- A Abkhazia – Georgia
 - B South Ossetia – Georgia
 - C North Ossetia-Alaniya – Ingushetiya
 - D Chechnya – Russia
 - E Turkey – Kurdish separatists
 - F Nagorno-Karabakh – Azerbaijan
 - G Afghan war

MAJOR ETHNOLINGUISTIC GROUPS

ALTAIC	INDO-EUROPEAN
1 Azerbaijani	12 Armenian
2 Kalmyk	13 Bakhtiari
3 Kazakh	14 Baluchi
4 Kirghiz	15 Chahar Aimak
5 Turk	16 Hazara
6 Turkmen	17 Kurdish
7 Uzbek	18 Lur
	19 Persian
	20 Punjabi
	21 Pushtun
	22 Russian
	23 Sindhi
	24 Tajik
CAUCASIAN	
8 Chechen-Ingush	
9 Dagestani	
10 Georgian	
AFRO-ASIATIC	
11 Arabic	
	25 Other
	26 Uninhabited or sparsely populated



Force Deployments

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

USEUCOM

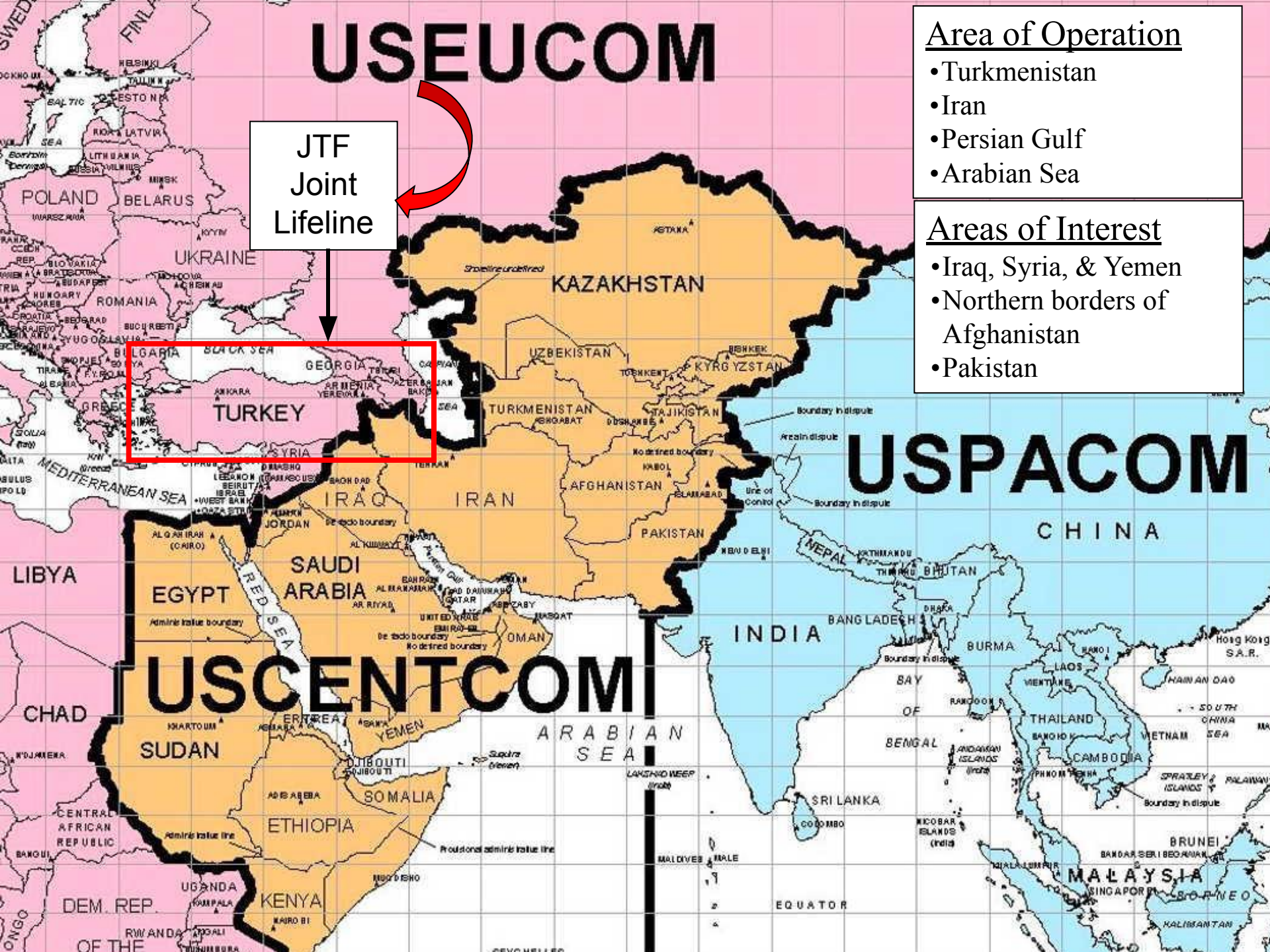
JTF
Joint
Lifeline

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

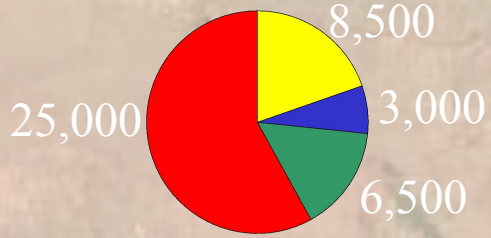
Ashgabat

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

AFGHANISTAN

PAKISTAN

Saudi Arabia

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



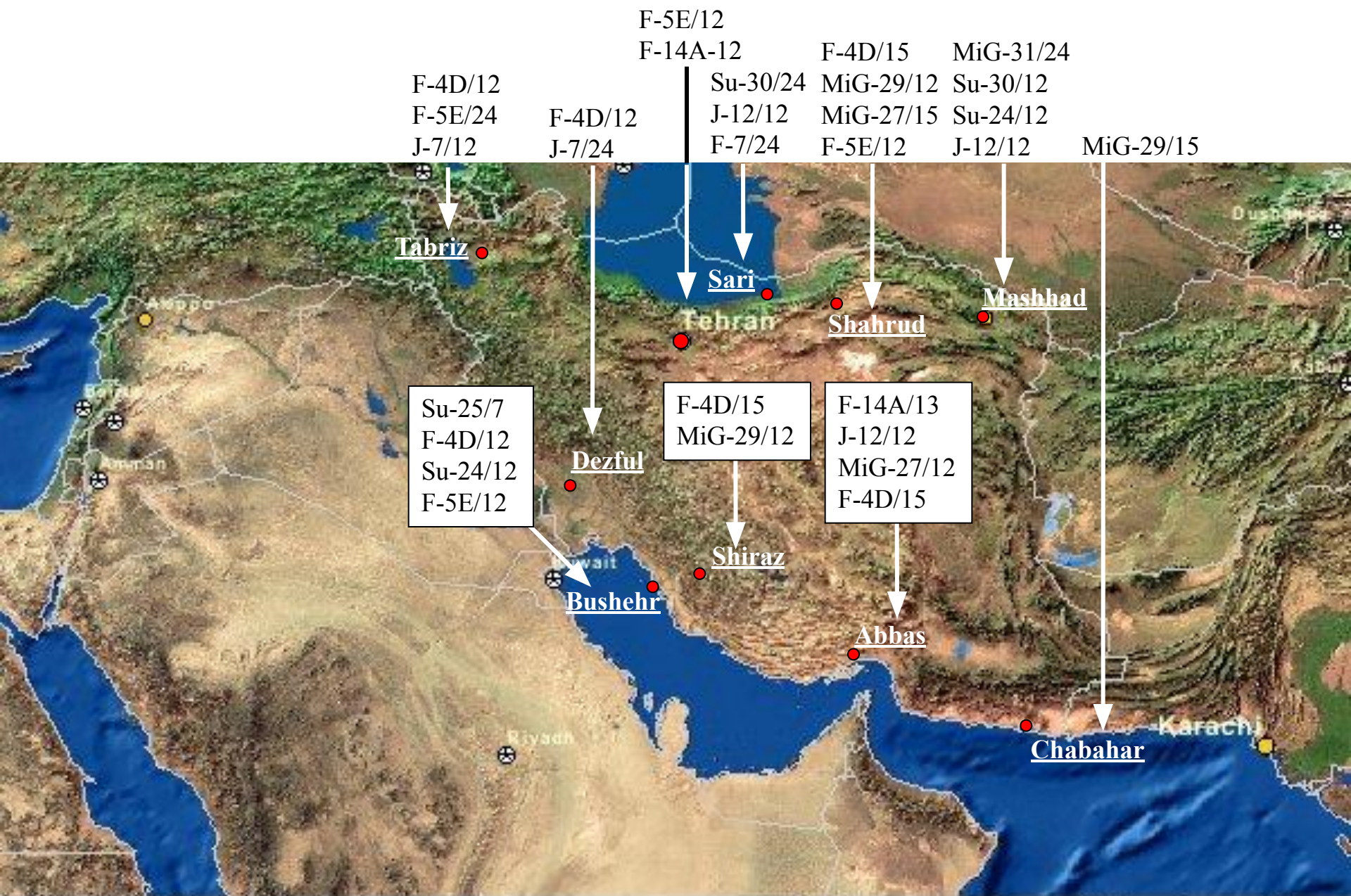
Q
A
T
A
R

OMAN

UNITED ARAB EMIRATES

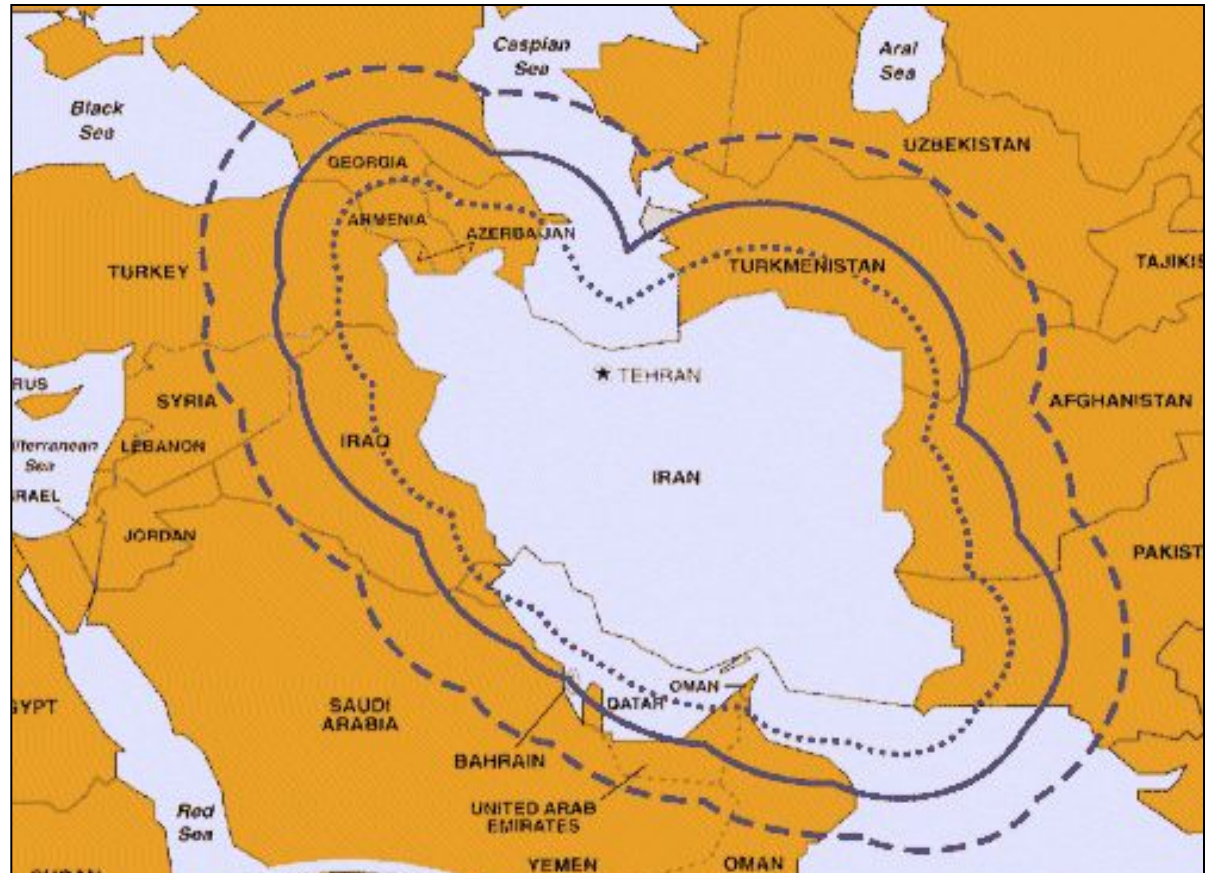
OMAN

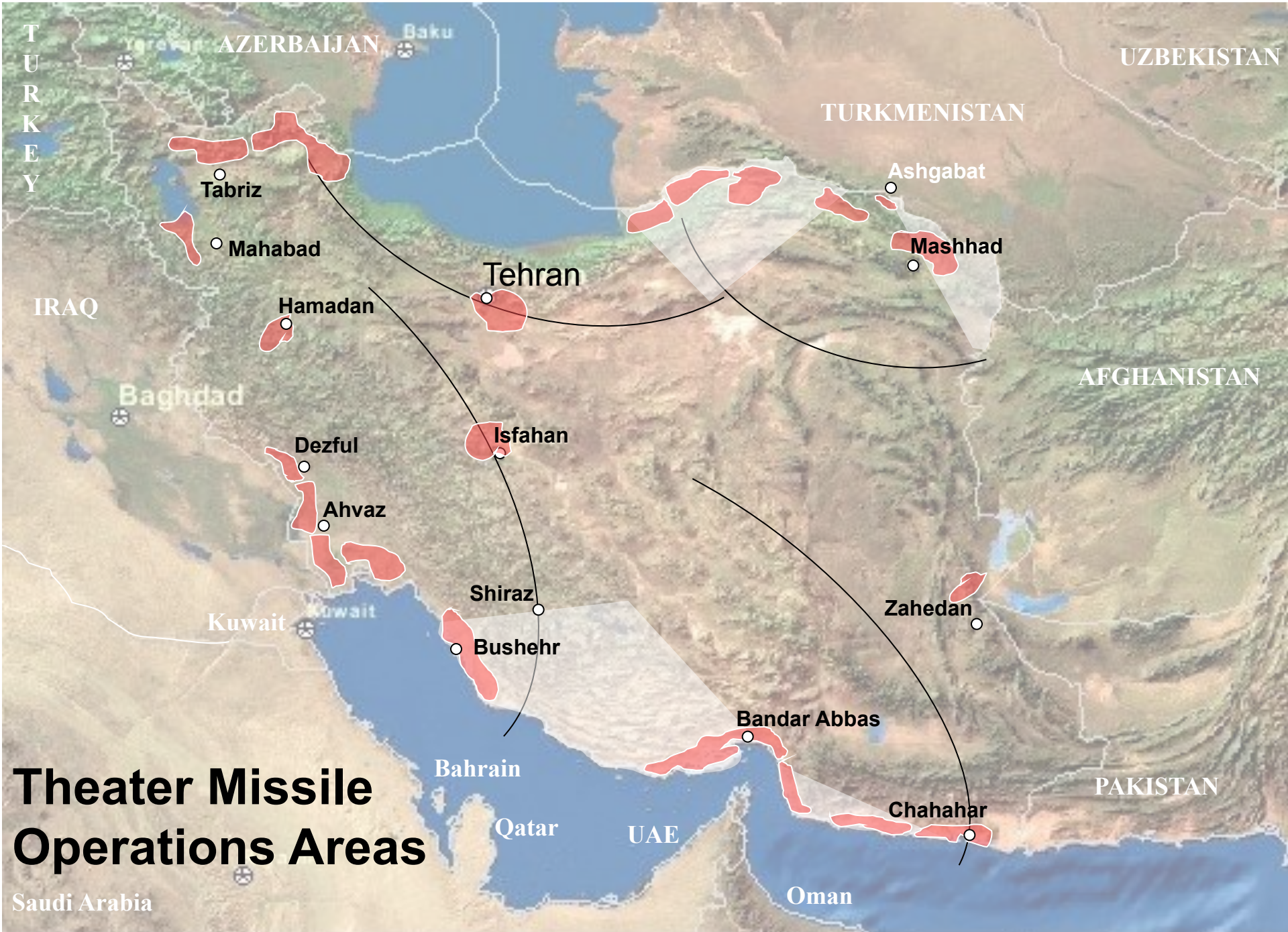
Iranian Air Order of Battle



Short Range Ballistic Missiles

<u>Legend</u>	
Scud C	500Km
Scud B	300Km
CSS 8	150Km





TURKEY

AZERBAIJAN

UZBEKISTAN

TURKMENISTAN

Tabriz

Mahabad

Tehran

Ashgabat

Mashhad

IRAQ

Hamadan

Baghdad

AFGHANISTAN

Dezful

Isfahan

Ahvaz

Kuwait

Shiraz

Bushehr

Zahedan

Theater Missile Operations Areas

Bahrain

Qatar

UAE

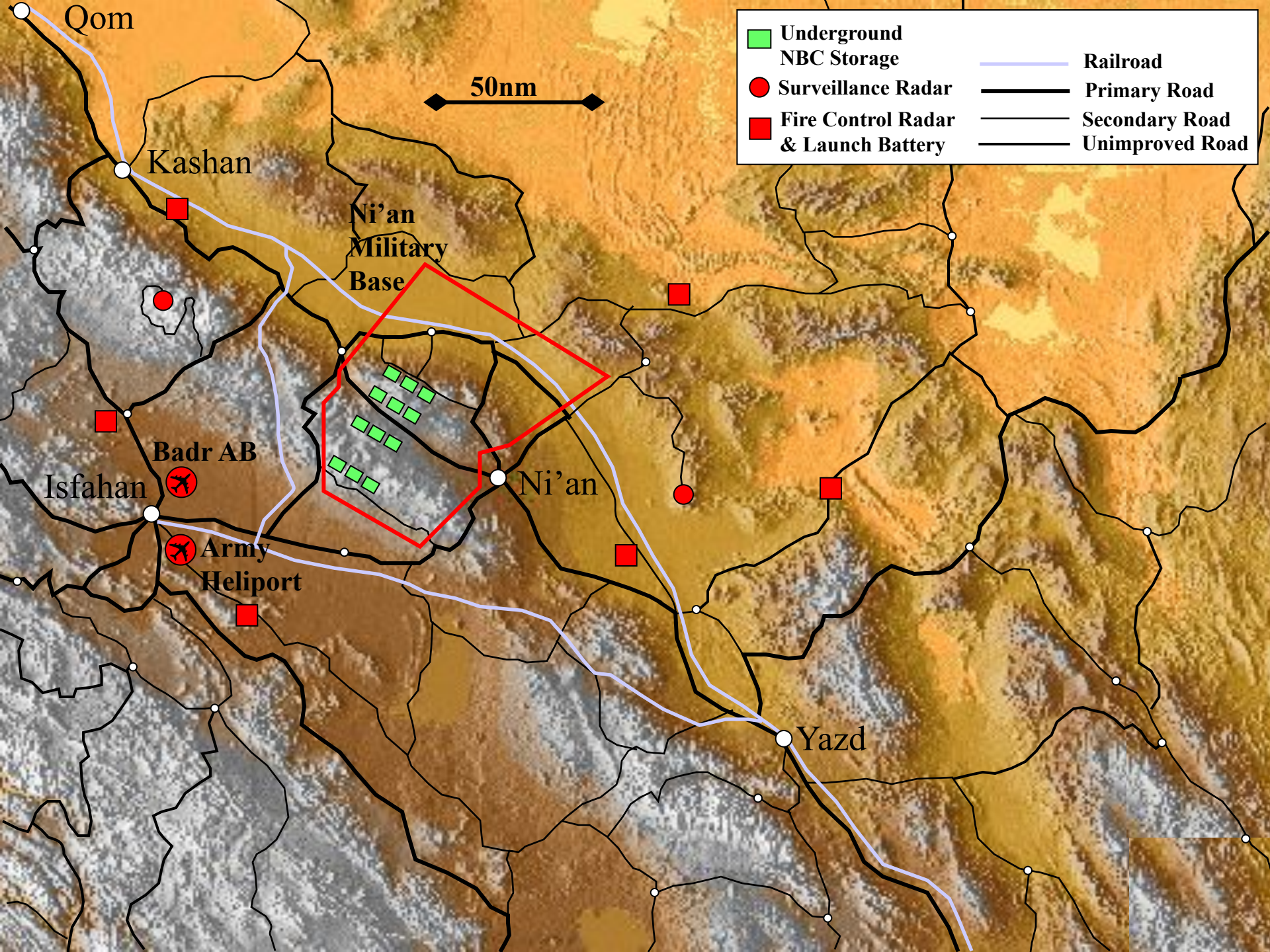
Bandar Abbas

Chahahar

PAKISTAN

Saudi Arabia

Oman



Qom

Kashan

Ni'an
Military
Base

50nm

Badr AB

Isfahan

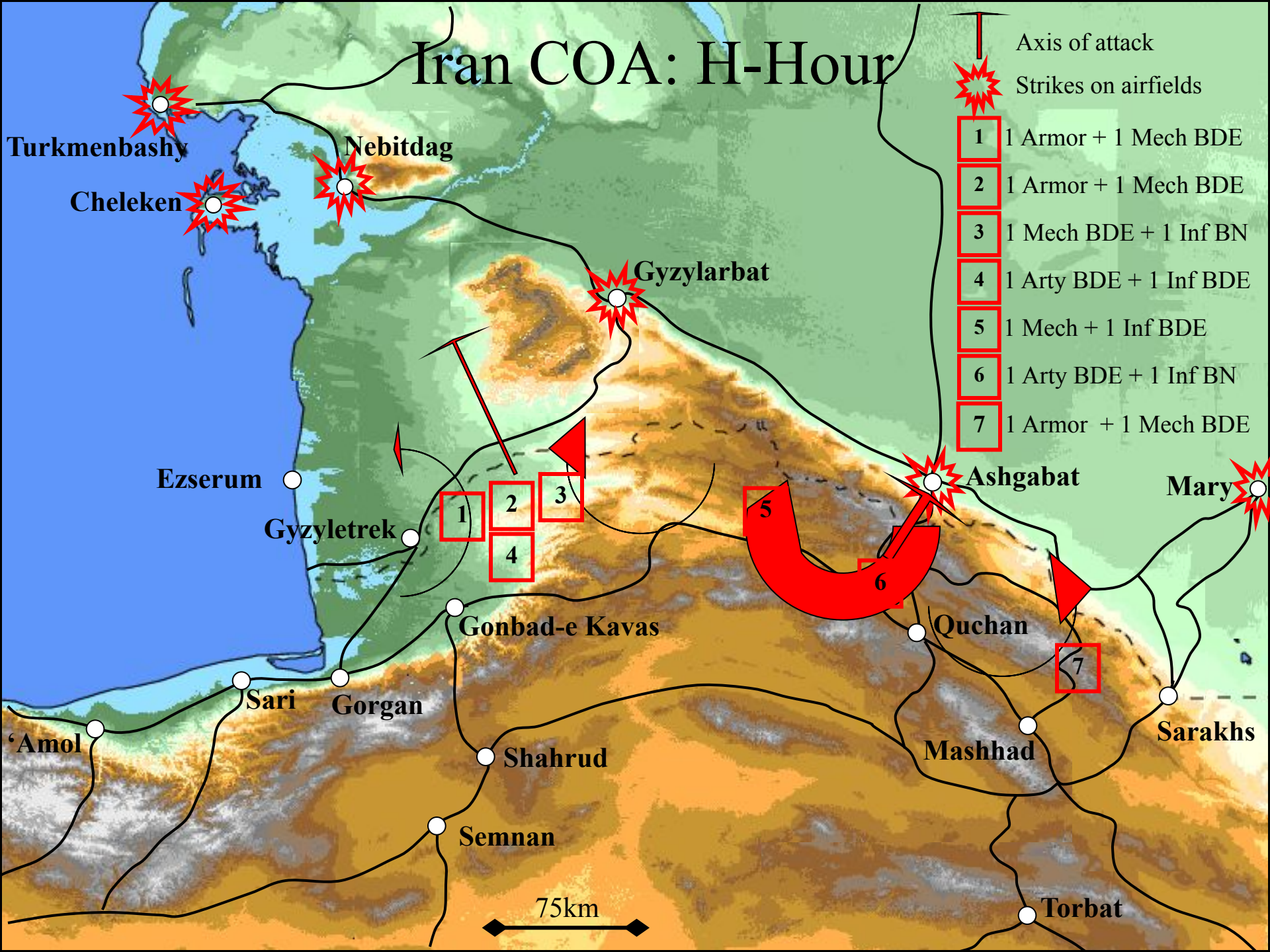
Army
Heliport

Ni'an

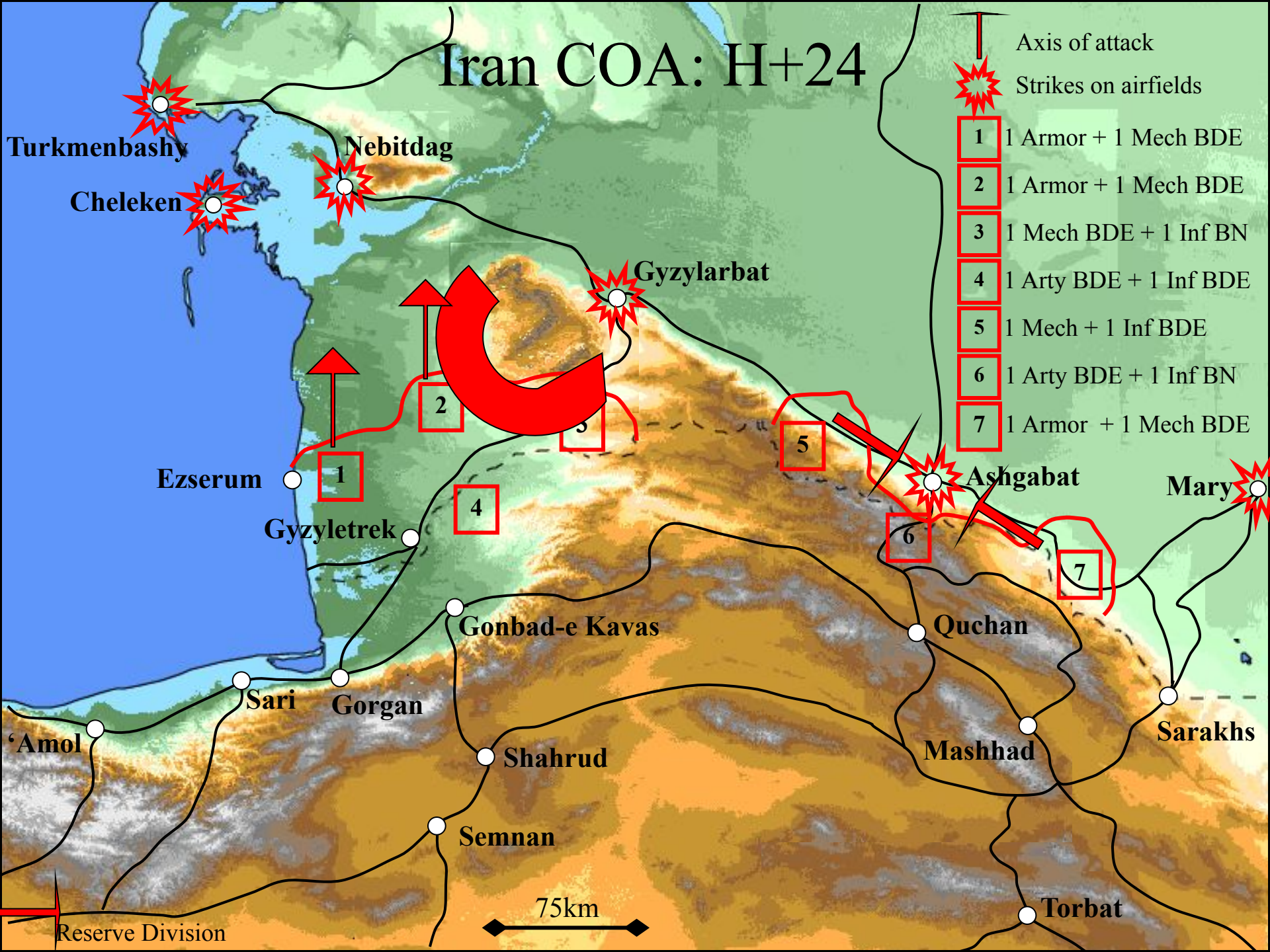
Yazd

Iran's Expected Course of Action (COA)

Iran COA: H-Hour



Iran COA: H+24



Turkmenbashi

Cheleken

Nebitdag

Gyzylarbat

Ezserum

Gyzyletek

Ashgabat

Mary

Gonbad-e Kavaz

Quchan

'Amol

Sari

Gorgan

Shahrud

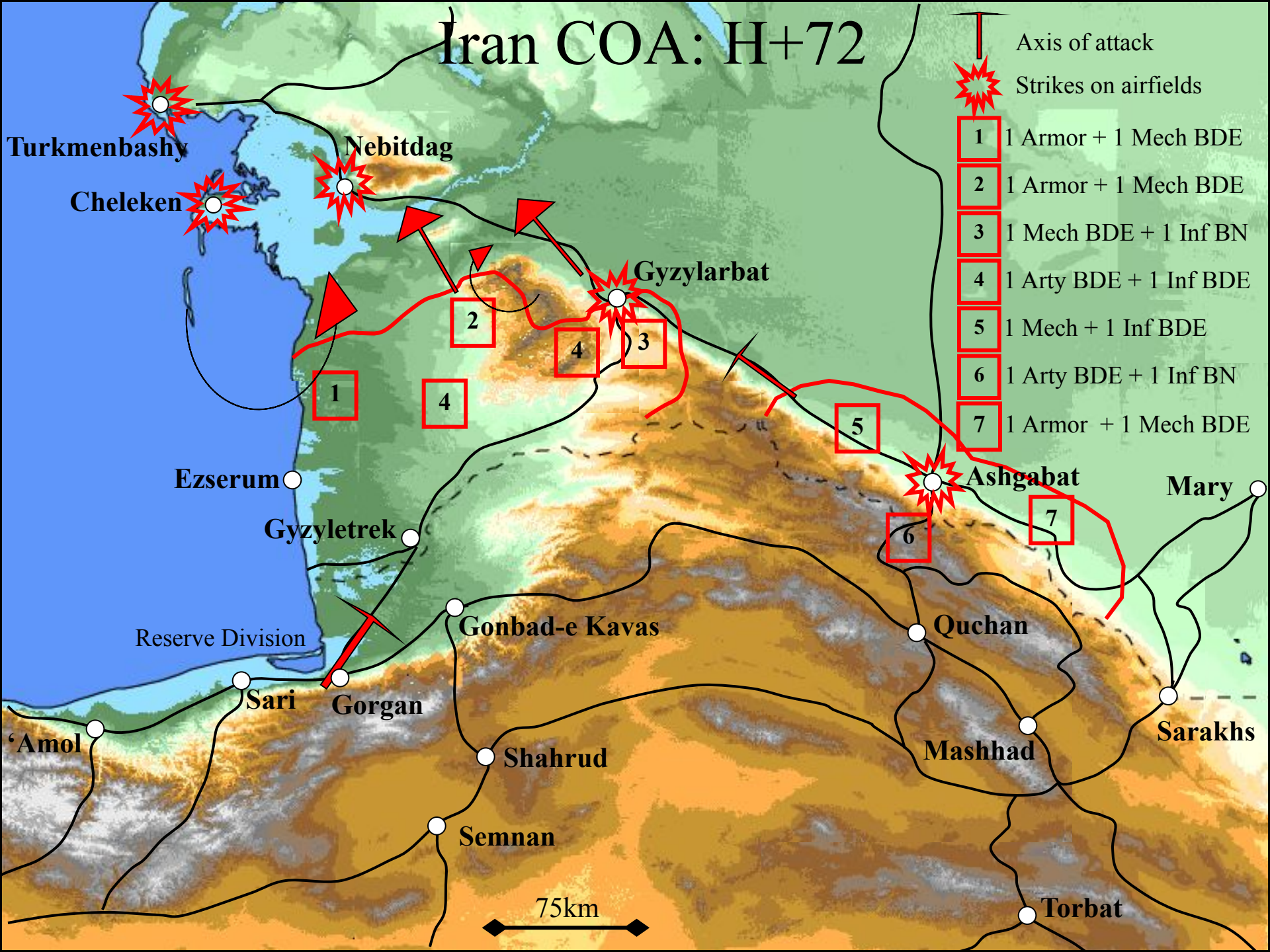
Mashhad

Sarakhs

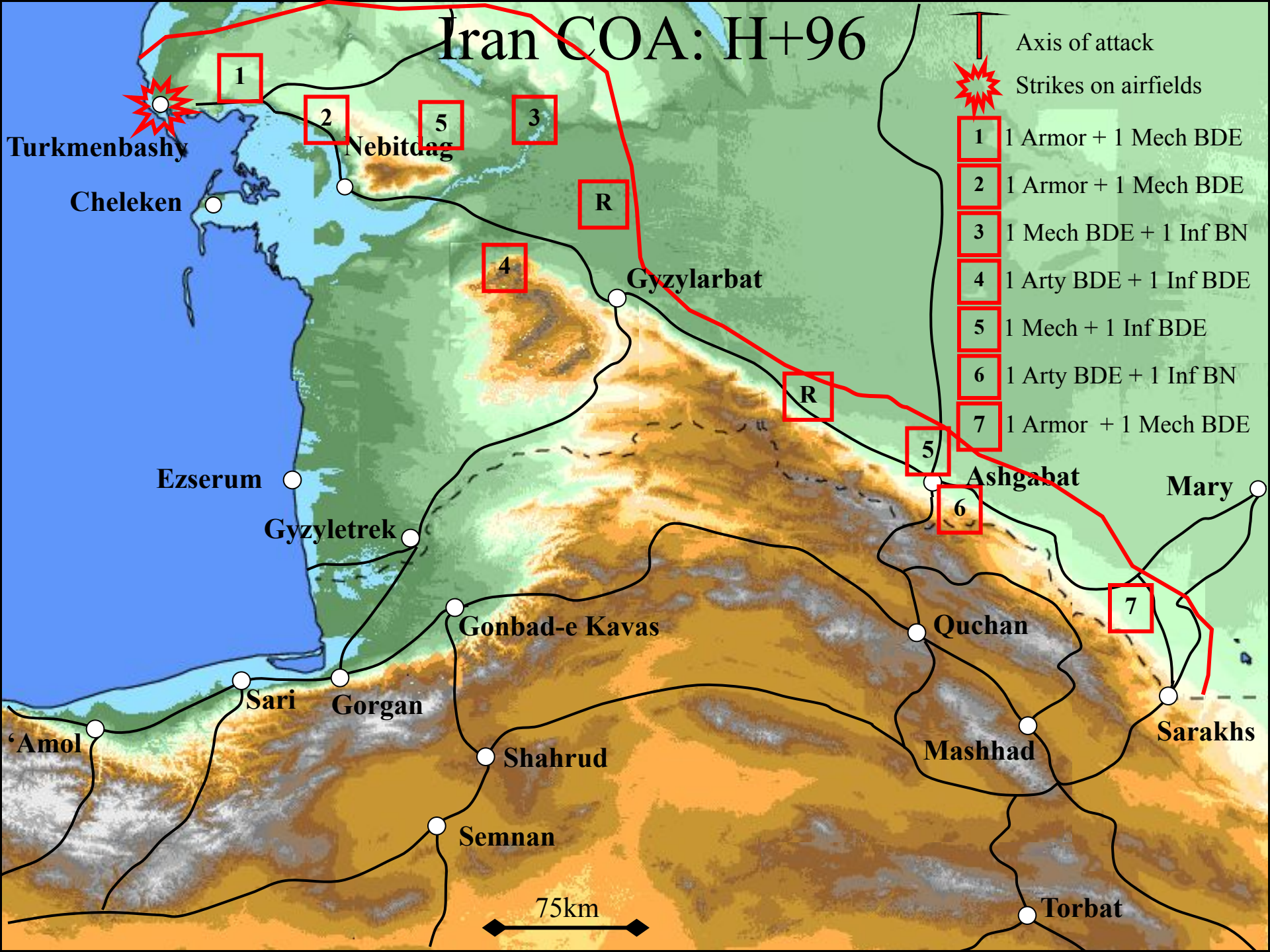
Semnan

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

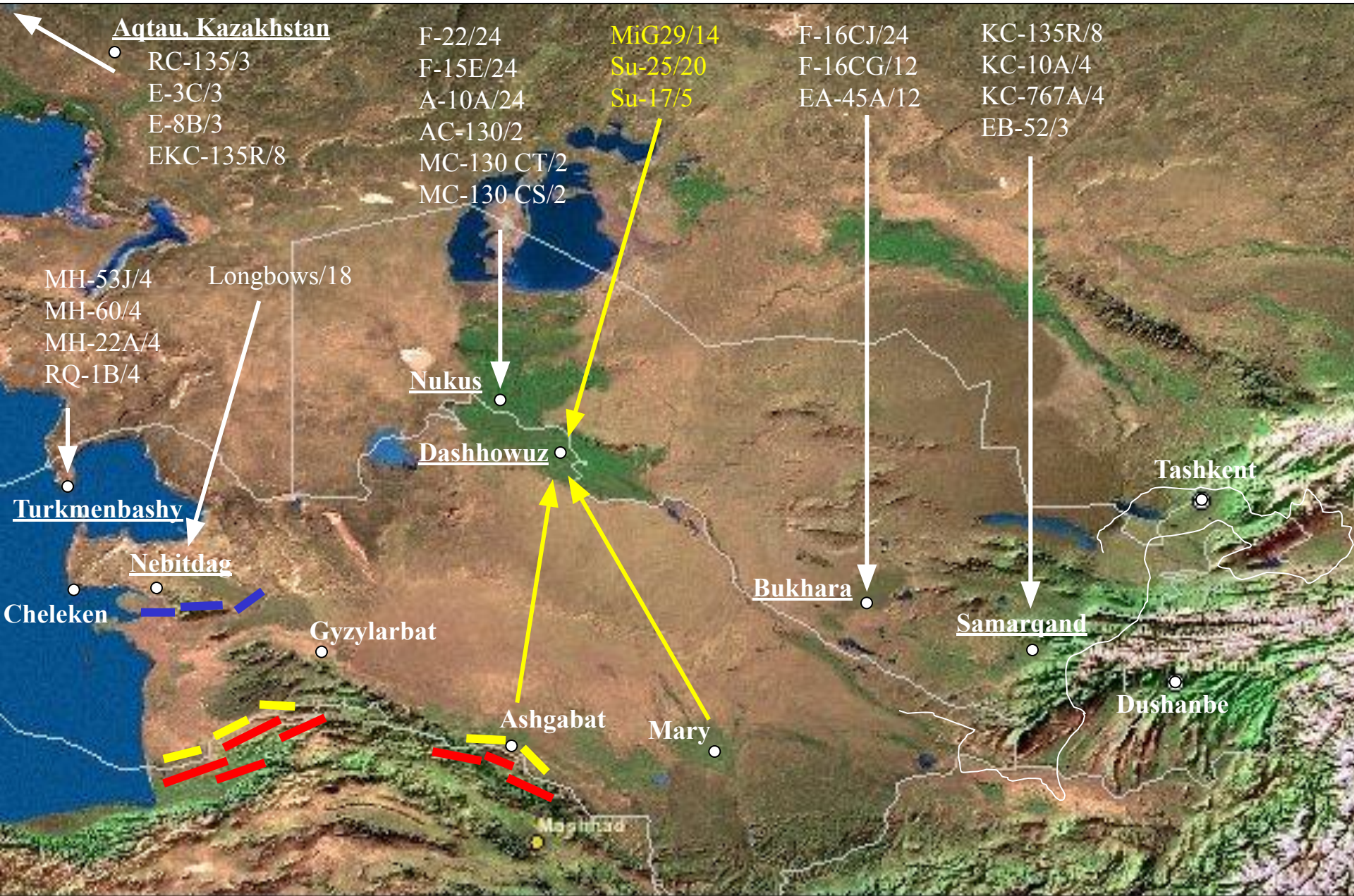
Division on the Attack

<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



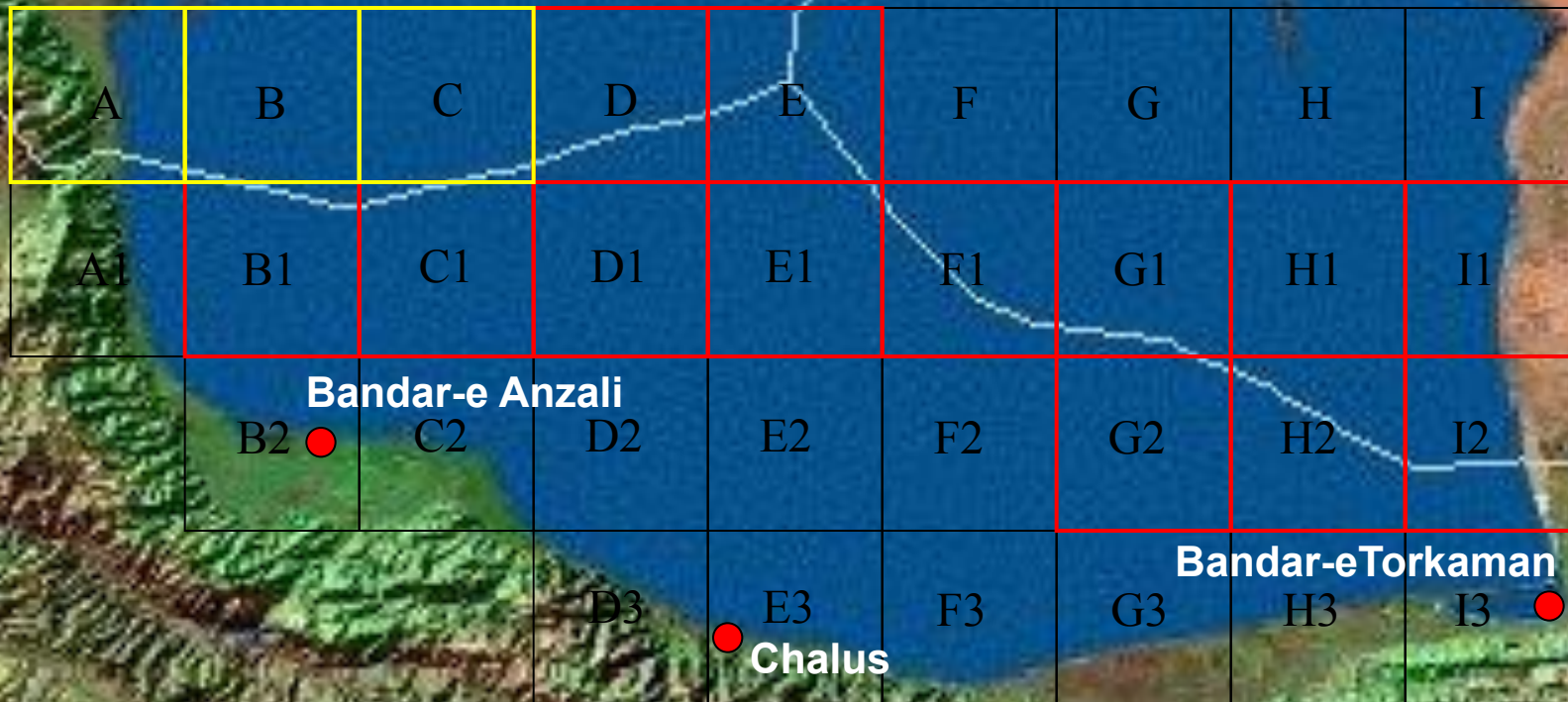
F-15C/18			F-14D/10	F-16CJ/24				F-18F/10
F-15CJ/18		RC135RJ/3	F/A-18C/24	F-16CG/36	F-22/24	MC-130CS/2		F/A-18C/24
EA-6B/5	F-15C/12	KC767A/8	F/A-18E/6	F-15E/12	KC-135R/8	B1-B/6		F/A-18E/6
RC-135/1	RF-45A/3	EC130/4	E-2C/4	EA-45A/12	MV-22A/6	EB-52/3		E-2C/4
KC-135R/10	MC-130CS/2	E-3C/4	F-18D/14	EA-6B/4	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:

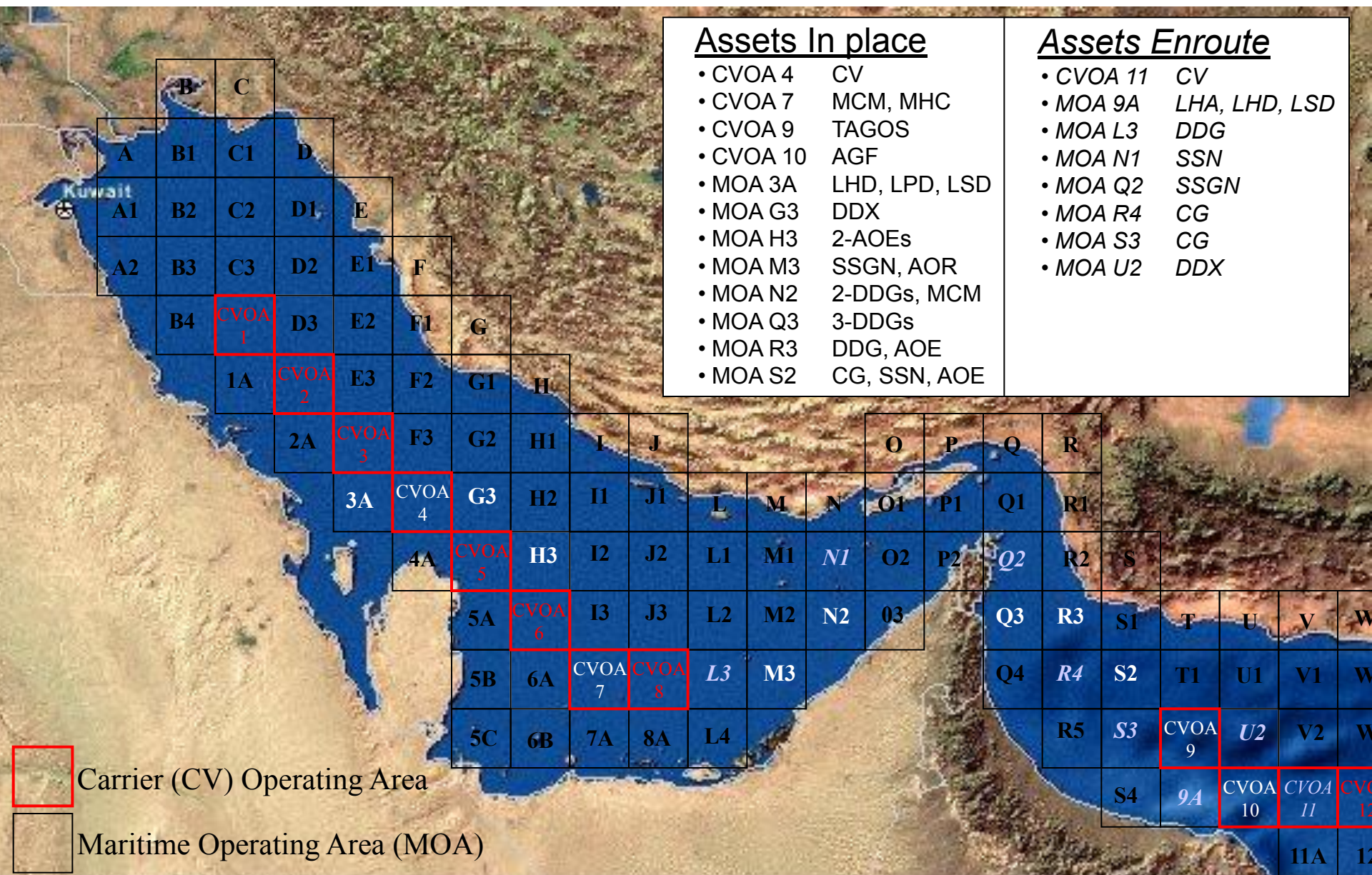
Kazakhstan:

- 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



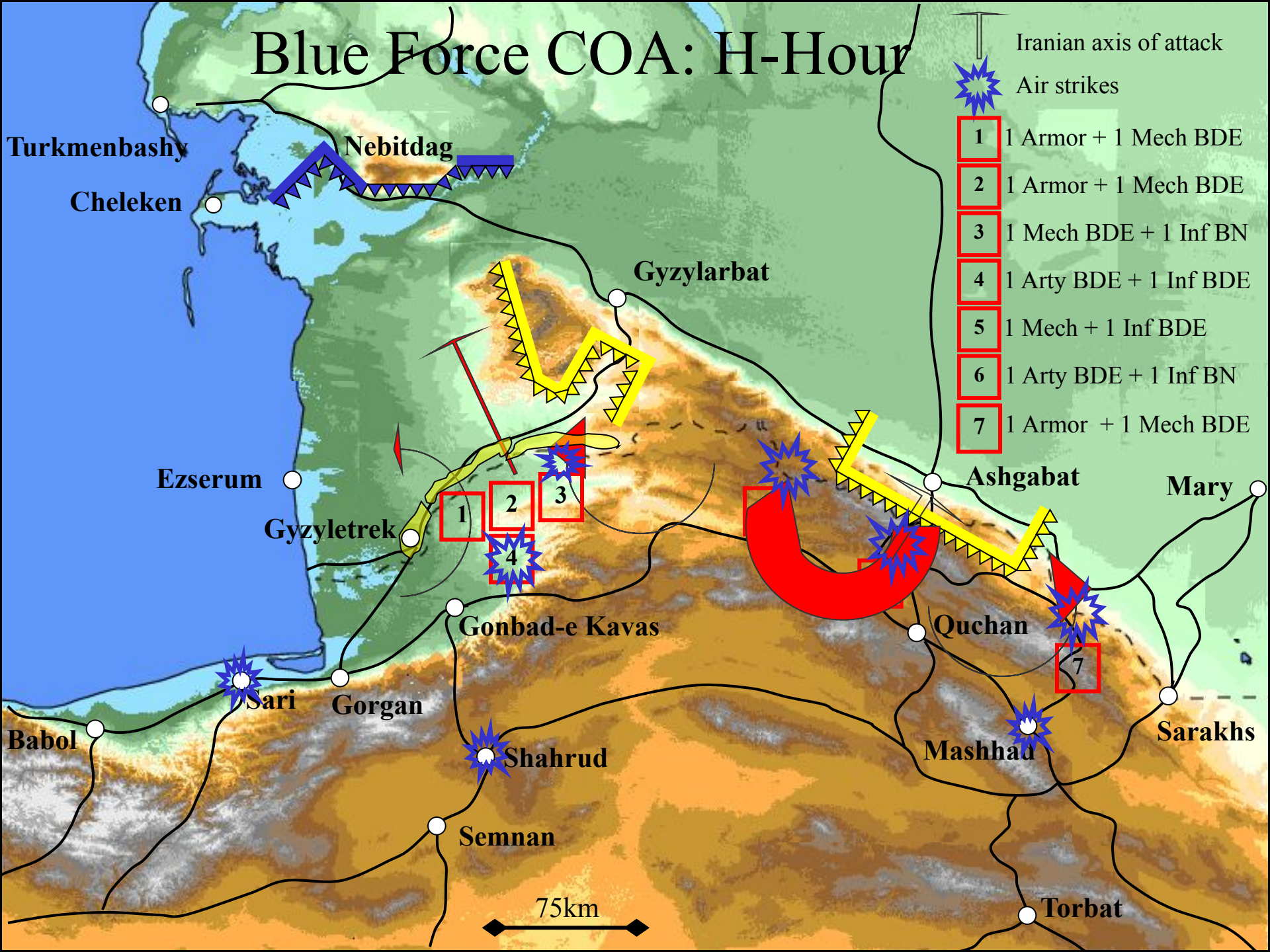
<u>Assets In place</u>	
• CVOA 4	CV
• CVOA 7	MCM, MHC
• CVOA 9	TAGOS
• CVOA 10	AGF
• MOA 3A	LHD, LPD, LSD
• MOA G3	DDX
• MOA H3	2-AOEs
• MOA M3	SSGN, AOR
• MOA N2	2-DDGs, MCM
• MOA Q3	3-DDGs
• MOA R3	DDG, AOE
• MOA S2	CG, SSN, AOE

<u>Assets Enroute</u>	
• CVOA 11	CV
• MOA 9A	LHA, LHD, LSD
• MOA L3	DDG
• MOA N1	SSN
• MOA Q2	SSGN
• MOA R4	CG
• MOA S3	CG
• MOA U2	DDX

Carrier (CV) Operating Area
 Maritime Operating Area (MOA)

Blue Force Course of Action (COA)

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

Turkmenbashi

Cheleken

Nebitdag

Gyzylarbat

Ezserum

Gyzyletrek

Ashgabat

Mary

Gonbad-e Kavas

Quchan

Babol

Sari

Gorgan

Shahrud

Mashhad

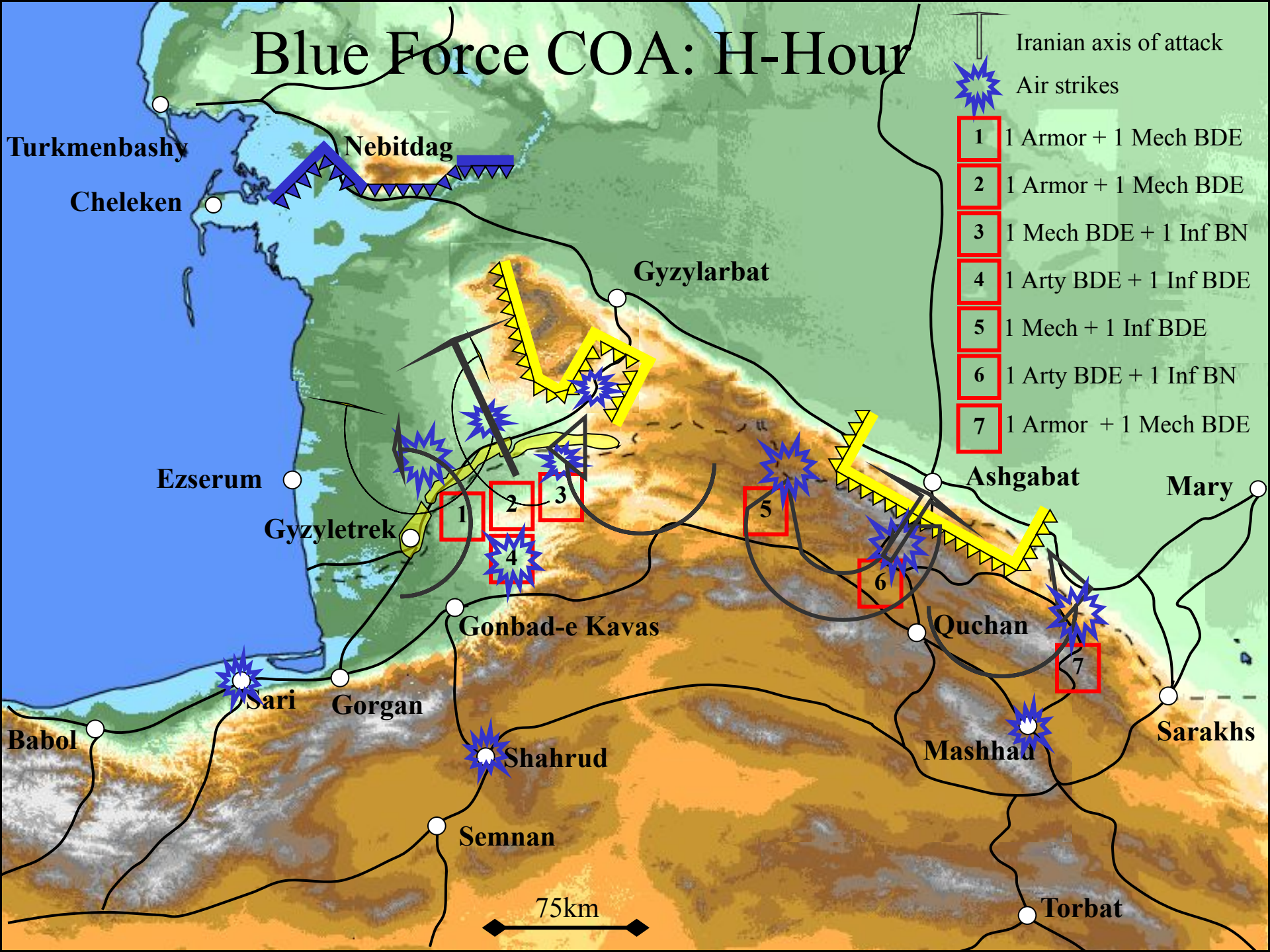
Sarakhs

Semnan

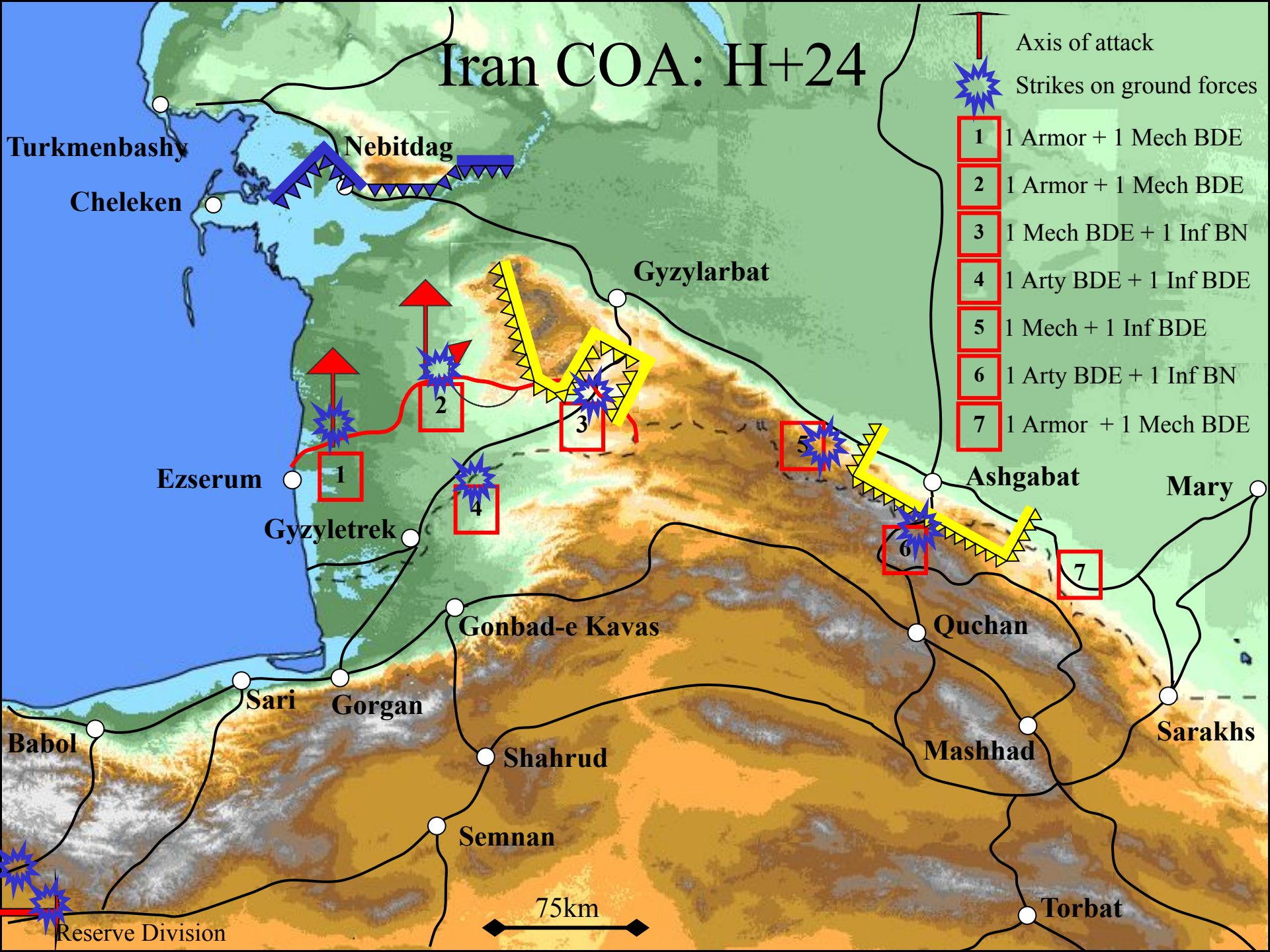
Torbati

75km

Blue Force COA: H-Hour



Iran COA: H+24



Turkmenbashi
Cheleken

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Shahrud

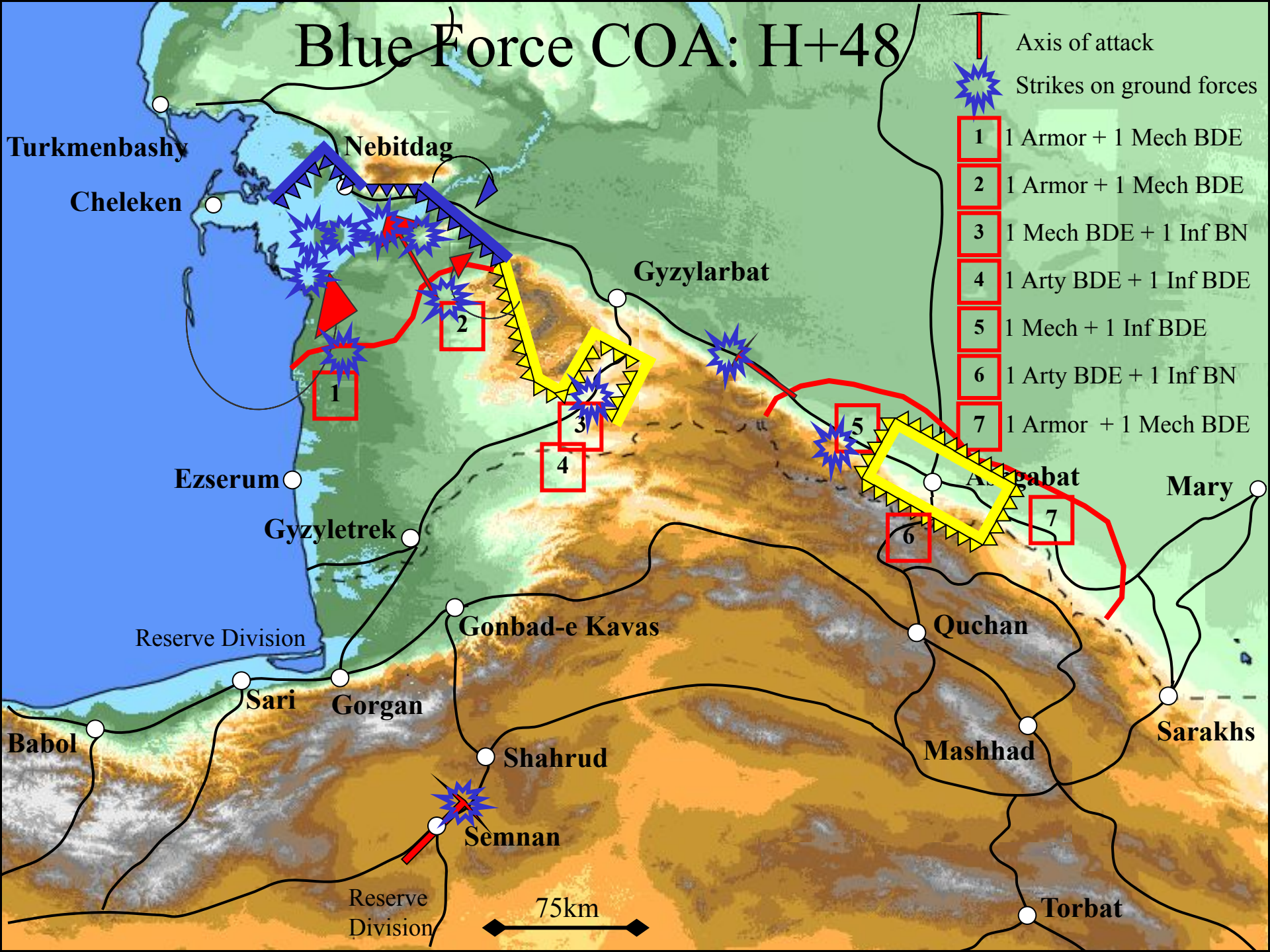
Mashhad

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Torbat

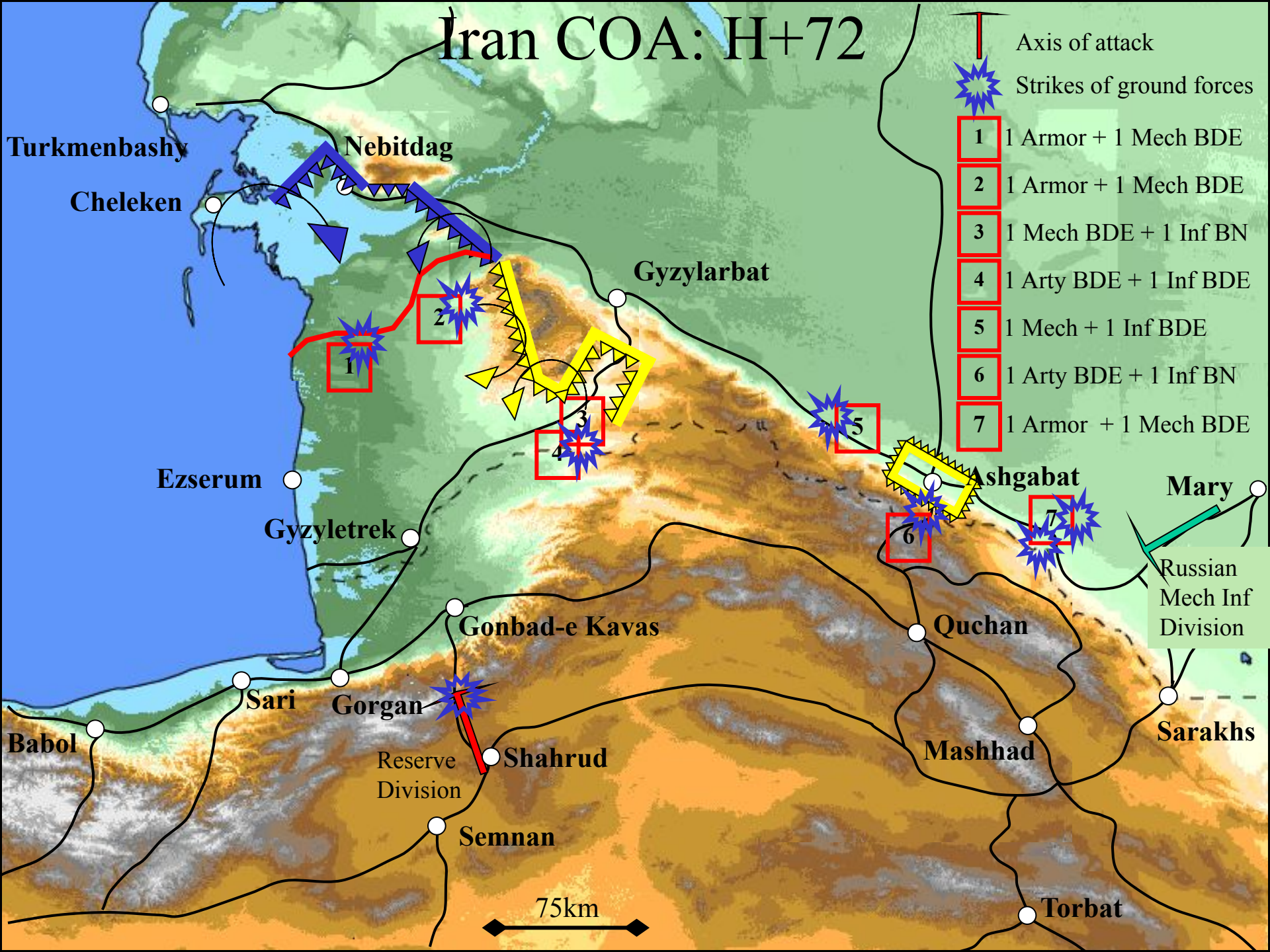
Blue Force COA: H+48



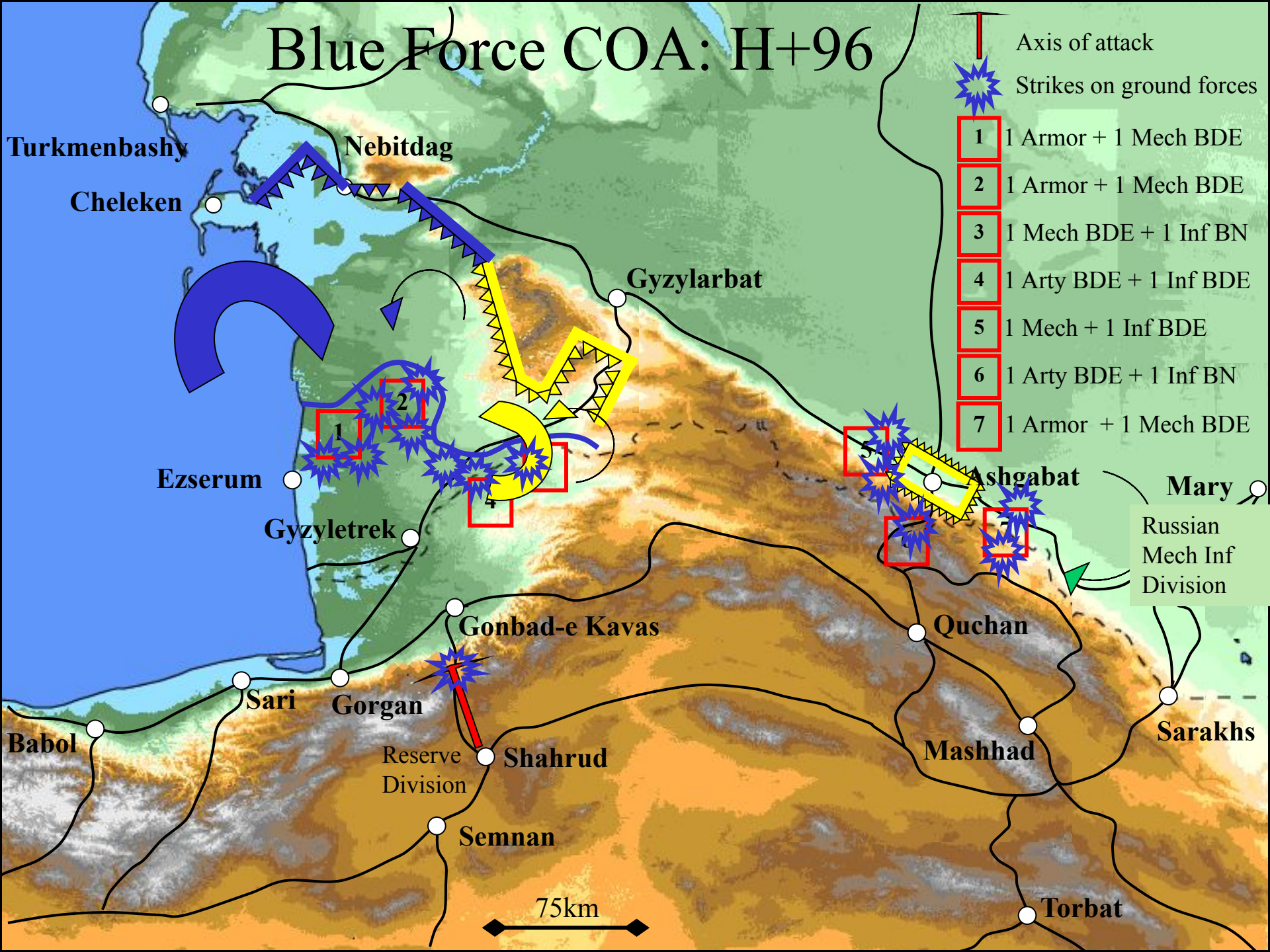
-  Axis of attack
-  Strikes on ground forces
- 1 1 Armor + 1 Mech BDE
- 2 1 Armor + 1 Mech BDE
- 3 1 Mech BDE + 1 Inf BN
- 4 1 Arty BDE + 1 Inf BDE
- 5 1 Mech + 1 Inf BDE
- 6 1 Arty BDE + 1 Inf BN
- 7 1 Armor + 1 Mech BDE

75km

Iran COA: H+72



Blue Force COA: H+96



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

Russian
Mech Inf
Division

75km

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