World War III – The Military Defeat of America

INTRODUCTION

The purpose of this document is to show there is a reasonable basis using strategic studies (the science of warfare) to believe that America will suffer defeat at the hands of any one of the three totalitarian power blocs on the earth: Russia, China, or Islam.

Most will scoff at the possibility America could be defeated in battle. The purpose of this paper is to show the defeat of America is not only possible it is likely. The only question is when it will occur. In fact, world events leading to this defeat are now in motion.

KEY INSIGHT

In nature the big fish eat the little fish. The greater the size difference between the creatures the more likely it is the smaller creature will chose to run away from the larger creature. This is the law of the ocean and the law of the jungle.

The little fish knows it cannot fight the big fish. The little fish flees at the sight of the big fish and seeks the comfort of other small fish to provide a sense of security. The big fish manoeuvre the little fish into a tight circle by swimming threateningly around them. When the little fish are trapped, the big fish swim directly into the dense mass of small fish and fill their hungry bellies.

America knows it needs a coalition, a company of smaller nations, to fight the big totalitarian powers. This is not a winning strategy.

WORLD MILITARY BALANCE OF POWER

To simplify the scale and sophistication of world military forces we will reduce global armies to the iconic pieces on a chess board. This will enable the reader to see at a glance how strong America is relative to other powers. We will show that America is weak relative to her enemies and requires a coalition of allies to attain a balance of power on paper. We make the following assumptions:

1) "**A Pawn**" = 1,000,000 soldiers. A soldier is defined as regular army, reserves, national guard, and paramilitary troops;
2) "**A Knight**" = 1,333 military aircraft. We include fighter/bomber jets plus attack helicopters;
3) "**A Bishop**" = 10,000 tanks;
4) "**A Castle**" = 10 aircraft carriers, 20 nuclear subs, 50 amphibious assault ships, 160 subs, 1,333 cruisers, or 2,000 destroyers.

We have chosen the dimensions of the military hardware for the knight, the bishop, and the castle to reflect a cost of $40 billion. Our assumption is that dollars invested fairly reflect the relative potency of weapons in armed combat in a global arena. In order for that assumption not to be true the intelligence of all the central planners of military forces in the world would have to be faulty.

For example, we use $4 million as the typical cost of a main battle tank. $40 billion divided by $4 million equals 10,000 tanks. We estimate the cost of a fighter aircraft to be $30 million, which is also the cost of an attack helicopter. We estimate the cost of an aircraft carrier to be $4 billion, a nuclear submarine $2 billion, an amphibious assault ship to be $750 million, a conventionally powered submarine to be $250 million, a cruiser to be $30 million, and a destroyer to be $20 million.
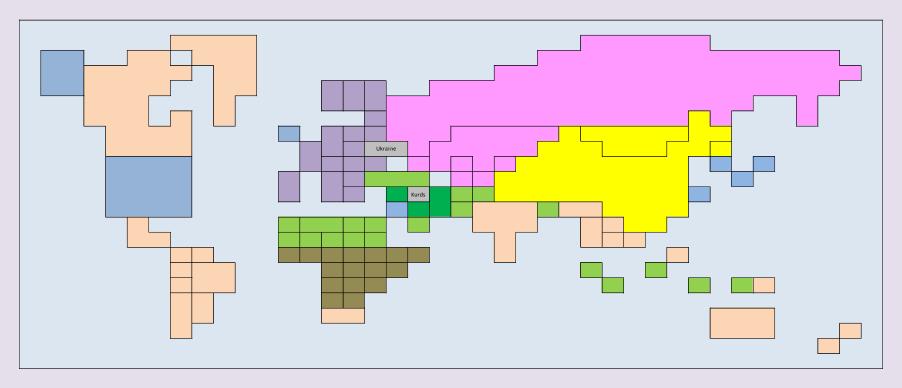
We estimate the cost of equipping, transporting, and housing a soldier to be $4,000. Actual cost will vary greatly by country.

WORLD POWER BLOCS

The truth is there are only two power blocs on earth: Russia and China. They are the only super powers on earth whose military might is under the continuous command and control of a single party in power, the Communist Party. America is a super power but because of the necessity of elections leadership is shuffled frequently, and no single party is continuously in power. Europe is fragmented and the rest of the world contains many nations with few alliances and fluctuating allegiances.

The destabilizing influence of terrorist organizations will not be examined in detail here. But we believe it is the spark that will cause WW III. We will not consider relative nuclear warheads for reasons we explain later. This analysis reflects conventional warfare.

MAP OF WORLD POWERS

Blue: America, United Kingdom, Israel, South Korea, Taiwan and Japan

Green: Islamic – including both Sunni (light green) and Shia (dark green)

Brown: African nations – democratic

Purple: European nations

Yellow: China, North Korea, Mongolia.

Red: Russia, Former USSR Central Asia Republics

Tan: Non-aligned nations

Grey: (Conflict Zones) Ukraine, Kurdistan

CONFLICT ZONES

The two areas of heated battles in the world today are between Europe and USSR (Ukraine) and between America and Islam (Syria, Iraq and Kurdistan). However, there has been constant friction between India and Islam, Africa and Islam, & China and Japan

BALANCE OF FORCES

WORLD SUMMARY

Country	Pieces	Pawns	Castle	Knight	Bishop
ISLAM	18	11	2	3	2
CHINA	17	12	1	2	2
RUSSIA	11	4	2	3	2
TYRANNY	46	27	5	8	6
AMERICA	28	10	2	9	7
EUROPE	11	5	1	3	2
INDIA	7	5	0	1	1
FREE WORLD	46	20	3	13	10
NON-ALIGNED	25	19	2	3	1
TOTAL	117	66	10	24	17

ISLAM

Country	Pieces	Pawns	Castle	Knight	Bishop
Iran	3.8	2.4	0.3	0.4	0.7
Syria	1.4	0.7	0.4	0.3	-
Iraq	0.8	0.8	-	-	-
Lebanon	0.3	0.3	-	-	-
Total - SHIA	6.3	4.2	0.7	0.7	0.7
Pakistan	2.3	1.4	0.4	0.4	0.1
Indonesia	1.2	1.0	-	0.1	0.1
Malaysia	0.9	0.9	-	-	-
Bangladesh	0.3	0.2	-	0.1	-
Total - SUNNI (Asia)	4.7	3.5	0.4	0.6	0.2
Egypt	2.8	1.3	0.4	0.8	0.3
Turkey	2.7	1.1	0.4	0.4	0.8
Afghanistan	0.5	0.3	0.1	0.1	-
Saudi Arabia	0.5	0.2	0.1	0.2	-
Jordan	0.4	0.2	0.1	0.1	-
Yemen	0.3	0.1	0.1	0.1	-
United Arab Emirates	0.2	0.1	-	0.1	-
Total - SUNNI (Mid.E.)	7.4	3.3	1.2	1.8	1.1
Total Forces	18.4	11.0	2.3	3.1	2.0
Total Forces (#)	18	11	2	3	2

EUROPE

Country	Pieces	Pawns	Castle	Knight	Bishop
France	1.4	0.4	-	0.3	0.7
Greece	1.2	0.4	0.1	0.3	0.4
Italy	1.0	0.4	-	0.3	0.3
Poland	1.0	0.7	0.1	0.1	0.1
Germany	0.9	0.2	0.3	0.4	-
Belarus	0.9	0.5	0.2	0.2	-
Spain	0.6	0.2	0.1	0.1	0.2
Bulgaria	0.5	0.4	-	0.1	-
Finland	0.5	0.4	-	0.1	-
Switzerland	0.4	0.3	-	0.1	-
Romania	0.4	0.2	0.1	0.1	-
Sweden	0.3	0.2	-	0.1	-
Other	1.4	0.9	-	0.4	0.1
Total Forces	10.5	5.2	0.9	2.6	1.8
Total Forces (#)	11	5	1	3	2

NON-ALIGNED

Country	Pieces	Pawns	Castle	Knight	Bishop
Vietnam	5.8	5.5	0.2	0.1	-
Brazil	2.6	2.1	0.1	0.2	0.2
Ukraine	1.7	1.2	0.4	0.1	-
Cuba	1.6	1.2	0.2	0.2	-
Thailand	1.5	0.7	0.1	0.5	0.2
Colombia	1.4	1.4	-	-	-
Algeria	0.9	0.5	0.1	0.3	-
Myanmar	0.8	0.5	0.1	0.2	-
Libya	0.7	0.1	0.1	0.5	-
Philippines	0.6	0.3	-	0.1	0.2
Morocco	0.6	0.4	0.1	0.1	-
Singapore	0.6	0.5	-	0.1	-
Other	5.7	4.3	0.4	0.9	0.1
Total Forces	24.5	18.7	1.8	3.3	0.7
Total Forces (#)	25	19	2	3	1

RUSSIA

Country	Pieces	Pawns	Castle	Knight	Bishop
Russia	10.4	3.2	2.3	2.7	2.2
Azerbaijan	0.5	0.4	-	0.1	-
Kazakhstan	0.3	0.1	0.1	0.1	-
Uzbekistan	0.2	0.1	-	0.1	-
Turkmenistan	0.1	-	-	0.1	-
Total Forces	11.5	3.8	2.4	3.1	2.2
Total Forces (#)	11	4	2	3	2

AMERICA

Country	Pieces	Pawns	Castle	Knight	Bishop
US	15.6	2.2	0.9	7.3	5.2
SOUTH KOREA	6.2	5.2	0.2	0.3	0.5
TAIWAN	2.5	2.0	0.2	0.3	0.0
U.K.	1.7	0.4	0.0	0.3	1.0
ISRAEL	1.2	0.6	0.2	0.4	0.0
JAPAN	0.6	-	0.1	0.3	0.2
Total Forces	27.8	10.3	1.6	8.9	7.0
Total Forces (#)	28	10	2	9	7

INDIA

Country	Pieces	Pawns	Castle	Knight	Bishop
INDIA	7.0	4.8	0.6	0.9	0.7
Total Forces	7.0	4.8	0.6	0.9	0.7
Total Forces (#)	7	5	-	1	1

CHINA

Country	Pieces	Pawns	Castle	Knight	Bishop
North Korea	9.0	7.7	0.4	0.5	0.4
China	7.7	4.1	1.0	1.3	1.3
Total Forces	16.7	11.8	1.4	1.8	1.7
Total Forces (#)	17	12	1	2	2

INSTABILITY OF POWER BLOCS

Europe is the least stable power bloc. No nation in Europe has great strength. All are weak. Islam is also unstable due to many nations and the Sunni-Shia rift. America is only moderately stable. Russia and China are the most stable military power blocs.

PART ONE - SIMULATED WAR IN EUROPE

To illustrate the impact of unstable coalitions on conflicts between power blocs, we take the example of Russia attacking Europe.

Russia has 11 chess pieces, and Europe has 11 chess pieces. But Russia has a King, and Europe has no King. Russia has command and control. Europe has NATO but no appetite for World War III. Recently the Philippines withdrew its contingent of United Nations troops patrolling the Golan Heights. Why? Because it had become a hot zone. We expect the same thing to happen in Europe. Countries will withdraw from NATO when real fighting begins, or they will limit their participation. Turkey is a NATO member, but up to now has committed no forces to fight IS terrorists on their doorstep. In reality coalitions of many weak nations are not reliable under stress. Europeans want a Swiss lifestyle without paying in blood to keep the world free of terrorism and totalitarianism.

We will simulate a war between Europe and Russia with the following assumptions:

1) We break the war into increments of three months of conflict;
2) At the beginning of each quarter Europe assesses the willingness of each country in the coalition to fight;
3) The probability of a country fighting is 25% times its number of military pieces;
4) Losses in battle for the larger force are 10% per quarter;
5) Losses for the smaller force are the losses of the larger force grossed up by [# large force pieces / # small force pieces]

The basis for our assumption is **the smaller the fish the less the chance of it wanting to fight a larger fish**. Regardless of whether a small country is part of a coalition (school of fish) or not, the degree of desire to fight depends on their relative size versus the foe.

Our assumption means a country with a fighting force of 4 or more pieces that is part of a coalition will stay engaged in a battle with a foe which has 11 pieces. Countries with fewer than 4 pieces, which includes all European armies, will have less of a desire to fight. A country with only 1 piece is going to be very afraid of entering a war against a totalitarian super power with 11 pieces.

We have provided an appendix with the detailed calculation of the quarterly losses and the probabilities of fighting for countries.

FIRST QUARTER OF THE WAR

On day one of the war the probability of countries in Europe staying committed to fighting is: France 35%, Greece 30%, Italy 25%, Poland 25%, Germany 23%, Belarus 23%, Spain 15%, et cetera. Multiplying the probability of continuing fighting times the number

of pieces for each country, on day one of the war Russia has 11 pieces and Europe has only 2.2 pieces out of a possible 11 pieces available for combat. We assume America commits all its U.K. forces, 1.7 pieces, plus 1/4 of U.S. forces to defend Europe, 3.9 pieces, for a total of 5.6 pieces[1]. The Russian military advantage is 11 pieces to 7.8 pieces: a leverage of 141%.

Losses in battle during the first quarter are: Russia 1.1 pieces [10% of 11] and NATO 1.6 piece [1.1 pieces x 141%].

SECOND QUARTER OF THE WAR

Applying the probabilities again, adjusted for the military losses in the first quarter, the probabilities of continuing to fight are: France 28%, Greece 24%, Italy 20%, Poland 20%, Germany 18%, Belarus 18%, Spain 12%, et cetera. Multiplying the probability of fighting times the available forces (after deducting first quarter losses) and NATO has in the battle 1.8 European pieces plus 5.1 America pieces for a total of 6.9 pieces. Russian military advantage is now 9.9 pieces to 6.9 pieces, or 144% leverage. Using its advantage in strength Russia is winning a war of attrition.

Losses in the second quarter are Russia 1.0 piece [10% of 9.9] and for NATO is 1.4 pieces [1.0 piece times 144%].

END OF THE WAR

Continuing with this process, at the end of quarter six NATO forces have lost 6.6 pieces and Russia has lost 4.5 pieces. American forces are reduced to less than four pieces and the probability of America pulling out of the war is 17%. In battle, NATO losses are running almost double Russian losses. The war is lost. **America is massively defeated. Russia takes control of Europe**. Russia takes possession of European military assets. **Russian strength after the war is higher than it was at the beginning!**

RISK OF NUCLEAR WAR

We have demonstrated that Europe capitulates very quickly to Russia in a conventional war. They decide that life under a tyranny is preferable to death and destruction. For the precise same reason they choose not to launch nuclear weapons against Russia which would certainly result in retaliation and nuclear winter for both of them. America will not launch nuclear weapons out of respect for the European's choice of life under tyranny over death. Bottom line: **There is no nuclear deterrent to war in Europe**.

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[1] America has four fronts: Europe, Middle East, Asia, plus a mandatory force stationed at home. Hence a ¼ allocation of forces to Europe is reasonable.

PART TWO – SIMULATED WAR IN ASIA

China and North Korea with 16.7 pieces attack a U.S. coalition of South Korea, Taiwan, Japan with 9.3 pieces. America sends ¼ of its global military forces, 3.9 pieces, to defend Asia. Total American coalition strength is 13.2 pieces.

In similar fashion to the simulated war in Europe the losses for the American coalition after one quarter of fighting are 2.7 pieces versus 1.8 pieces for the China coalition. After one year of fighting the cumulative losses of the American coalition are 8.9 pieces versus 5.1 pieces for the China coalition. The probability of America leaving the war is over 50%.

America suffers a massive defeat. China takes control of South Korea, Taiwan, and Japan.

For the detailed calculations of the progress of the conflict, please see our appendix.

PART THREE – SIMULATED WAR IN MIDDLE EAST

The Islamic armies in the Middle East are divided between the Shia group, headed by Iran, and the Sunni group, headed by Saudi Arabia. Shia and Sunni are rivals for influence in the region but they have co-existed for over 1,000 years. America generally supports the Sunni faction but also supports Iraq which has a Shia dominated democratic government.

In order for a war in the Middle East to take place that would cause a massive American defeat, there would have to be united Islamic attack against Israel and America. Above all both the Shia and Sunni factions desire to remove Israel from the Middle East. In order for that to happen America, the historic protector of Israel, must be defeated. This could be enough incentive for Shia and Sunni nations to attack America. This is the basis of our simulated war in the Middle East.

In our analysis Islamic nations in Asia do not play a part in any of the three simulated wars: Europe, Asia, or Middle East. We reckon that Islamic nations in Asia provide a counter-weight against the power of India. Because of danger on its doorstep India plays no role in any of the three simulated wars. Although superficially an ally of America and historically an ally of the U.K., India is not party to mutual defense treaties in any of the three theaters of war.

Islamic nations with 13.7 pieces attack Israel with 1 piece. America allocates ¼ of its global military force to this theater, or 3.9 pieces. Because the Islamic nations are smaller, they suffer from the lack of desire to fight the larger foe, in this case America.

Our simulation shows the war in the Middle East goes more swiftly against America than either the war in Europe or the war in Asia. After only three quarters of fighting all American and Israeli pieces are destroyed in the war. Details are provided in the appendix.

America is massively defeated. Again.

The unanimous conclusion of our analysis is that America will not win a global conflict if it stretches its resources out to defend the entire free world against terrorism and totalitarianism. The primary cause of America's defeat is the reality that forming coalitions of many smaller powers to battle a larger single power is a losing strategy.

AMERICA IN BIBLE PROPHECY

Full disclosure: we believe that America is prominent in Bible prophecy[2]. We believe Jacob and Moses predicted the rise of America, Isaiah predicted the fall of America, and Jeremiah provided the details of how America would be defeated in battle in Syria[3]. It was the discovery of this prediction in prophecy that prompted us to examine the scientific likelihood of America's defeat which we have provided for you in this paper.

The military defeat of America in Europe and Asia is not outlined in Bible prophecy as far as we know. However, the defeat of America in the Middle East is predicted in Bible prophecy. In fact, the Bible predicts that America (figured as 'Pharaoh Nico of Egypt' in the Book of Jeremiah chapter 46) will meet a terrible defeat at the hands of the King of Babylon (a prophetic type of Islamic forces whose center of power is ancient Babylon, which is located not far from the present city of Baghdad) in Syria, north of the river Euphrates (which is exactly the spot where Islamic State of Iraq and Levant (ISIL) has their current headquarters).

The military defeat of America will herald the time Jesus predicted when 'nation will rise against nation' in the time of the end (see Matthew 24). The defeat of America will send the world directly to a one-world government with a one-world leader. To save itself, even Israel will enter into covenant with the Beast. But before the Antichrist is revealed there will be a great persecution of Christians around the world. Finally after this, the few saints left who believe in Jesus will be raptured and go to heaven.

The times that we are in are the very last days which precede the Great Tribulation. All the world wars which have come will not compare to the plagues, earthquakes, and misery of the Great Tribulation. Christians will not go through it, but Israel will.

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[2] Please see our papers 'The Rise of America – The Tribe of Ephraim' and 'The Fall of America – The Exile of Ephraim' (Page 4 Prophecy) on our website.
[3] Please see our paper 'The Military Defeat of America' (Page 4 Prophecy) on our website: www.biblenumbersforlife.com

APPENDIX 1

PART 1: SIMULATED WAR IN EUROPE

	Prob.Fight			% Losses			% Losses			% Losses			% Losses			% Losses			% Losses
	25%			9.6%			9.3%			9.6%			9.8%			10.8%			12.1%	
				Losses: 1.60			Losses: 1.40			Losses: 1.30			Losses: 1.20			Losses: 1.20			Losses: 1.20	
	Q1			Q2			Q3			Q4			Q5			Q6				
	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces
France	1.40	35%	0.49	1.27	32%	0.40	1.15	29%	0.33	1.04	26%	0.27	0.94	23%	0.22	0.83	21%	0.17
Greece	1.20	30%	0.36	1.08	27%	0.29	0.98	25%	0.24	0.89	22%	0.20	0.80	20%	0.16	0.72	18%	0.13
Italy	1.00	25%	0.25	0.90	23%	0.20	0.82	20%	0.17	0.74	19%	0.14	0.67	17%	0.11	0.60	15%	0.09
Poland	1.00	25%	0.25	0.90	23%	0.20	0.82	20%	0.17	0.74	19%	0.14	0.67	17%	0.11	0.60	15%	0.09
Germany	0.90	23%	0.20	0.81	20%	0.17	0.74	18%	0.14	0.67	17%	0.11	0.60	15%	0.09	0.54	13%	0.07
Belarus	0.90	23%	0.20	0.81	20%	0.17	0.74	18%	0.14	0.67	17%	0.11	0.60	15%	0.09	0.54	13%	0.07
Spain	0.60	15%	0.09	0.54	14%	0.07	0.49	12%	0.06	0.44	11%	0.05	0.40	10%	0.04	0.36	9%	0.03
Bulgaria	0.50	13%	0.06	0.45	11%	0.05	0.41	10%	0.04	0.37	9%	0.03	0.33	8%	0.03	0.30	7%	0.02
Finland	0.50	13%	0.06	0.45	11%	0.05	0.41	10%	0.04	0.37	9%	0.03	0.33	8%	0.03	0.30	7%	0.02
Switzerla	0.40	10%	0.04	0.36	9%	0.03	0.33	8%	0.03	0.30	7%	0.02	0.27	7%	0.02	0.24	6%	0.01
Romania	0.40	10%	0.04	0.36	9%	0.03	0.33	8%	0.03	0.30	7%	0.02	0.27	7%	0.02	0.24	6%	0.01
Sweden	0.30	8%	0.02	0.27	7%	0.02	0.25	6%	0.02	0.22	6%	0.01	0.20	5%	0.01	0.18	4%	0.01
Other	1.90	8%	0.14	1.72	7%	0.12	1.56	6%	0.10	1.41	6%	0.08	1.27	5%	0.06	1.13	4%	0.05
	11.00		2.22	9.94		1.81	9.01		1.49	8.15		1.22	7.36		0.99	6.56		0.79
US+UK:	**5.60**	100.00%	5.60	5.06	100.00%	5.06	4.59	100.00%	4.59	4.15	100.00%	4.15	3.74	93.61%	3.51	3.34	83.49%	2.79
	16.60		7.82	15.00		6.87	13.60		6.07	12.30		5.37	11.10		4.50	9.90		3.58
Russia	11.00			9.90			8.91			8.02			7.22			6.50		
Russia Losses (10%)	1.10			0.99			0.89			0.80			0.72			0.65		
Leverage:	141%			144%			147%			149%			161%			182%		
NATO Losses	1.55			1.43			1.31			1.19			1.16			1.18		
Cumulative Russian Losses:	1.10			2.09			2.98			3.78			4.50			5.15		
Cumulative NATO Losses:	1.55			2.98			4.29			5.48			6.64			7.83		

APPENDIX 2

PART 2: SIMULATED WAR IN ASIA

Prob.Fight **25%**	% Losses 20.2%		% Losses 21.8%		% Losses 25.5%		% Losses 30.9%		% Losses 25.9%	
	Losses: 2.66		Losses: 2.30		Losses: 2.10		Losses: 1.90		Losses: 1.10	
Q1		Q2		Q3		Q4		Q5		Q6
Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.
Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting

	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting
S.Korea	6.20	100%	6.20	4.95	100%	4.95	3.87	97%	3.74	2.88	72%	2.08	1.99	50%	0.99	1.47	37%
Taiwan	2.50	63%	1.56	2.00	50%	1.00	1.56	39%	0.61	1.16	29%	0.34	0.80	20%	0.16	0.59	15%
Japan	0.60	15%	0.09	0.48	12%	0.06	0.37	9%	0.04	0.28	7%	0.02	0.19	5%	0.01	0.14	4%
	9.30		7.85	7.43		6.00	5.81		4.39	4.33		2.44	2.99		1.16	2.21	
US	3.90	97.50%	3.80	3.11	77.85%	2.42	2.43	60.86%	1.48	1.81	45.35%	0.82	1.25	31.32%	0.39	0.93	23.19%
	13.20		11.66	10.54		8.43	8.24		5.87	6.14		3.26	4.24		1.55	3.14	

Prob.Fight **25%**	% Losses 10.0%		% Losses 10.0%		% Losses 10.0%		% Losses 9.5%		% Losses 7.3%	
	Losses: 1.76		Losses: 1.41		Losses: 1.10		Losses: 0.78		Losses: 0.41	
Q1		Q2		Q3		Q4		Q5		Q6
Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.	Actual	Max	Prob.
Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting	Forces	Forces	Fighting

	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting
N.Korea	9.90	100.00%	9.90	7.91	100.00%	7.91	6.18	100.00%	6.18	4.61	100.00%	4.61	3.18	79.50%	2.53	2.36	58.88%
China	7.70	100.00%	7.70	6.15	100.00%	6.15	4.81	100.00%	4.81	3.58	89.54%	3.21	2.47	61.83%	1.53	1.83	45.79%
	17.60		17.60	14.05		14.05	10.99		10.99	8.19		7.81	5.65		4.06	4.19	

China	17.60		14.05		10.99		7.81		4.06	
China Losses (10%)	1.76		1.41		1.10		0.78		0.41	
Leverage:	151%		167%		187%		240%		261%	
American Losses	2.66		2.35		2.05		1.87		1.06	
Cumulative China Losses:	1.76		3.17		4.26		5.05		5.45	
Cumulative American Losses:	2.66		5.00		7.06		8.93		9.99	

APPENDIX 3

PART 3: SIMULATED WAR IN MIDDLE EAST

Prob.Fight	% Losses		% Losses		% Losses		% Losses		% Losses	
25%	34.5%		96.6%		100.0%		0.0%		0.0%	
	Losses:		Losses:		Losses:		Losses:		Losses:	
Q1	1.69	Q2	3.10	Q3	0.11	Q4	-	Q5	-	Q6

	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces
Israel	1.00	25.0%	0.25	0.66	16.4%	0.11	0.02	0.6%	0.00	-	0.0%	-	-	0.0%	-	-
	1.00		0.25	0.66		0.11	0.02		0.00	-		-	-		-	-
US	3.90	97.5%	3.80	2.55	63.9%	1.63	0.09	2.2%	0.00	-	0.0%	-	-	0.0%	-	-
	4.90		4.05	3.21		1.74	0.11		0.00	-		-	-		-	-

Prob.Fight	% Losses		% Losses		% Losses		% Losses		% Losses	
25%	6.1%		5.7%		5.4%		5.0%		4.8%	
	Losses:		Losses:		Losses:		Losses:		Losses:	
Q1	0.83	Q2	0.73	Q3	0.65	Q4	0.58	Q5	0.52	Q6

	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces	Prob. Fighting	Actual Forces	Max Forces
Iran	3.80	95.0%	3.61	3.57	89.2%	3.19	3.37	84.2%	2.83	3.19	79.7%	2.54	3.03	75.7%	2.29	2.88
Syria	1.40	35.0%	0.49	1.32	32.9%	0.43	1.24	31.0%	0.38	1.17	29.4%	0.34	1.11	27.9%	0.31	1.06
Iraq	0.80	20.0%	0.16	0.75	18.8%	0.14	0.71	17.7%	0.13	0.67	16.8%	0.11	0.64	15.9%	0.10	0.61
Lebanon	0.30	7.5%	0.02	0.28	7.0%	0.02	0.27	6.6%	0.02	0.25	6.3%	0.02	0.24	6.0%	0.01	0.23
Egypt	2.80	70.0%	1.96	2.63	65.8%	1.73	2.48	62.0%	1.54	2.35	58.7%	1.38	2.23	55.7%	1.24	2.12
Turkey	2.70	67.5%	1.82	2.54	63.4%	1.61	2.39	59.8%	1.43	2.26	56.6%	1.28	2.15	53.8%	1.16	2.05
Afghan.	0.50	12.5%	0.06	0.47	11.7%	0.06	0.44	11.1%	0.05	0.42	10.5%	0.04	0.40	10.0%	0.04	0.38
S. Arabia	0.50	12.5%	0.06	0.47	11.7%	0.06	0.44	11.1%	0.05	0.42	10.5%	0.04	0.40	10.0%	0.04	0.38
Jordan	0.40	10.0%	0.04	0.38	9.4%	0.04	0.35	8.9%	0.03	0.34	8.4%	0.03	0.32	8.0%	0.03	0.30
Yemen	0.30	7.5%	0.02	0.28	7.0%	0.02	0.27	6.6%	0.02	0.25	6.3%	0.02	0.24	6.0%	0.01	0.23
UAE	0.20	5.0%	0.01	0.19	4.7%	0.01	0.18	4.4%	0.01	0.17	4.2%	0.01	0.16	4.0%	0.01	0.15
	13.70		8.26	12.87		7.29	12.14		6.49	11.49		5.81	10.91		5.24	10.39

Islamic Forces	8.26		7.29		6.49		5.81		5.24
Islamic Losses (10%)	0.83		0.73		0.65		0.58		0.52
Leverage:	204%		419%		1000%		1000%		1000%
American Losses	1.69		3.06		0.11		-		-
Cumulative Islamic Losses:	0.83		1.56		2.20		2.79		3.31
Cumulative American Losses:	1.69		4.74		4.85		4.85		4.85