

THE ROLE OF NON-LETHAL WEAPONS IN THE GLOBAL WAR ON TERROR

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FUTURE WAR:

NLW in 21st Century Warfare

St. Martin's Press, 1999

WINNING THE WAR

St. Martin's Press

July 2003

Contact: Email: Nonlethal2@aol.com, (702) 804-5575

NON-LETHAL DEFENSE: A DEFINITION

**PRAGMATIC USE OF FORCE DESIGNED
TO MINIMIZE LOSS OF LIFE WHILE
ACCOMPLISHING A MILITARY OBJECTIVE**

- **GOALS INCLUDE:**
- **NO UNINTENTIONAL LOSS OF HUMAN LIFE**
- **CONTROLLED LEVELS OF PHYSICAL DAMAGE**
- **EXPANDED OPTIONS FOR COMMANDERS**



RECENT HISTORY OF NON-LETHAL WEAPONS

TENN VS
GARNER

IRANIAN
HOSTAGE

1986 DOJ
CONFERENCE

COMPETITIVE
STRATEGIES

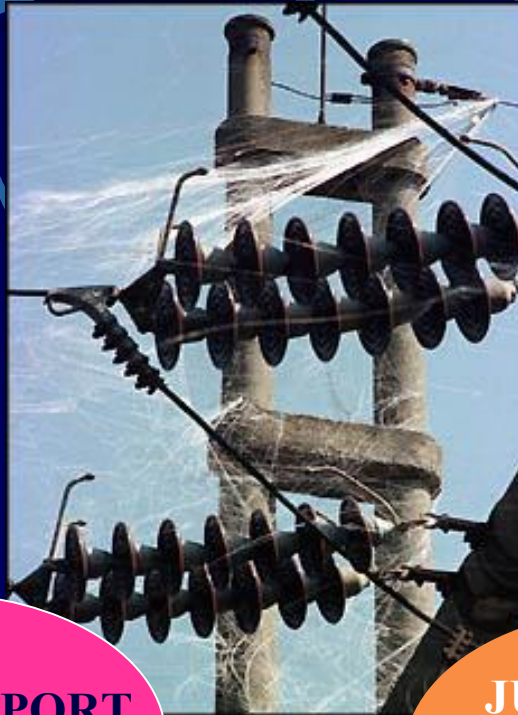
PEACE SUPPORT
OPERATIONS

JUST CAUSE/
UPHOLD
DEMOCRACY

URBAN
COMBAT

GLOBAL
WAR ON
TERROR

STRATEGIC
PARALYSIS



WHY NON-LETHAL WEAPONS?

- **GEOPOLITICAL SITUATION**
- **MATURITY OF TECHNOLOGY**
 - **NEW EFFECTS BASED CAPABILITY**
 - **PRECISION STRIKE AVAILABILITY**
- **PEACE SUPPORT OPERATIONAL EXPERIENCE**
 - **SOMALIA**
 - **HAITI**
 - **BALKANS**
- **GLOBAL WAR ON TERROR**
 - **COMPLEX TERRAIN**
 - **CONTROL COLLATERAL CASUALTIES**



credit: Randy Morroya
Sandia National Laboratories

EVOLUTION OF US MILITARY USE OF NLWS

PANAMA



SOMALIA

HAITI



KOSOVO

NON-LETHAL WEAPONS TECHNOLOGIES



BEANBAG ROUNDS



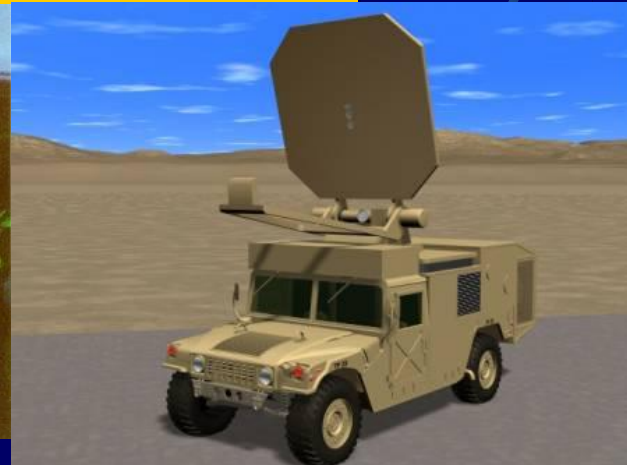
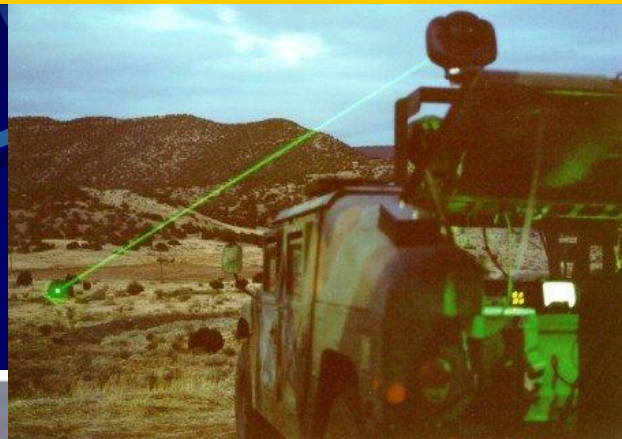
PepperBall Used To Stop Attacker in San Diego



PORTABLE VEHICLE STOPPER



ADVANCED NLWS ARE COMING



LEGAL REVIEW OF NON-LETHAL WEAPONS



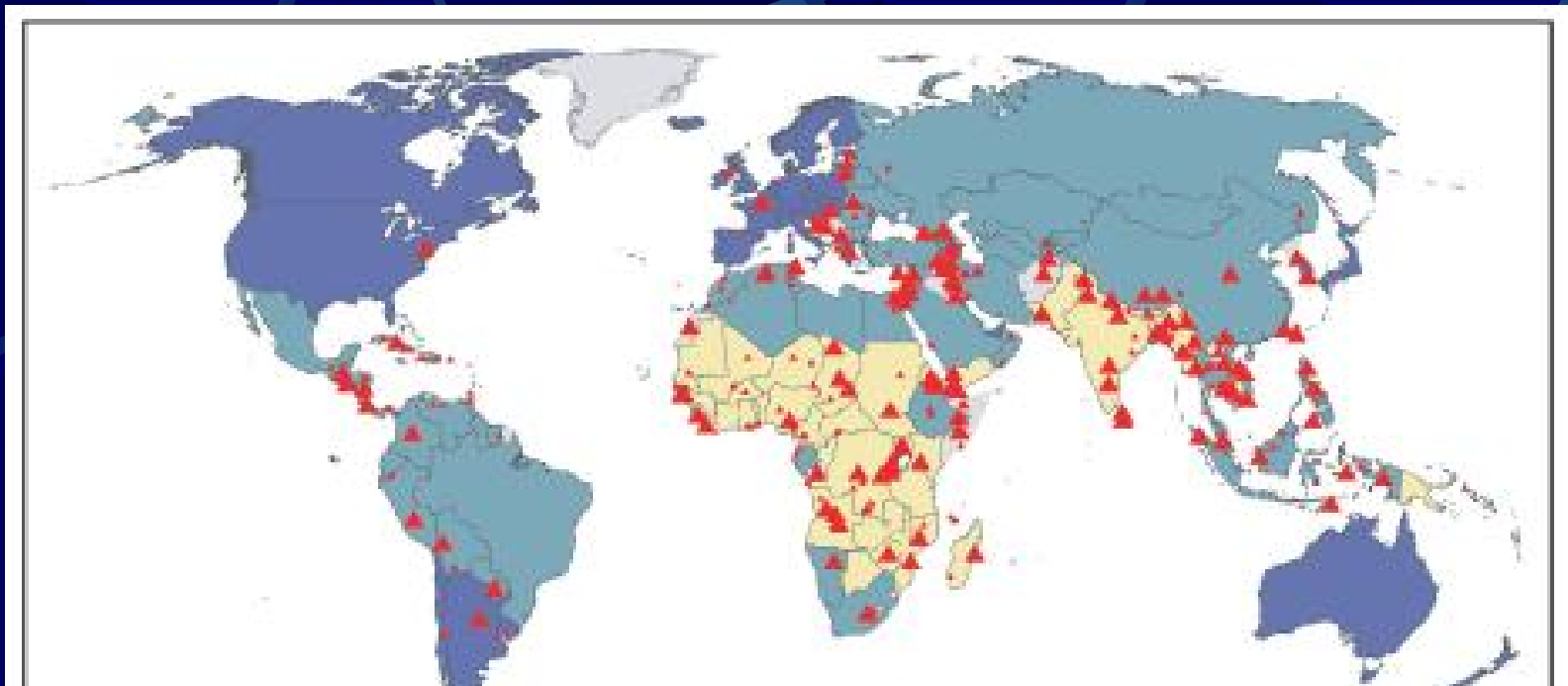
SEVEN DEADLY SINS OF NON-LETHAL WEAPONS

- **NLWs make it easier to initiate war**
- **NLWs will start a new arms race**
- **NLWs may be used as instruments of torture**
- **NLWs will result in some deaths and serious injuries**
- **NLWs used as a precursor and easier to kill opponents**
- **NLWs will be used to suppress lawful dissent**
- **NLWs do not have sufficient data to support their use**

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A DECADE OF CONFLICT



AFGHANISTAN



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WHAT NEW ARMS RACE???

WORLD NLW \$50M/Yr



Non-Lethal Weapons are 0.012% of US DOD Budget

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NLWS AND TORTURE



Monk with torture devices used by Chinese

TORTURE IS AN ISSUE OF HUMAN INTENT- NOT DEVICES

NLWS AND TORTURE

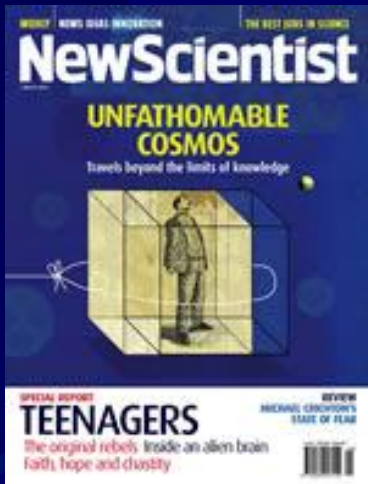


Monk with torture devices used by Chinese



Victoria with instruments of torture

TORTURE IS AN ISSUE OF HUMAN INTENT- NOT DEVICES



NEW SCIENTIST

NewScientist.com

"The World's No. 1 Science & Technology News Service"

<http://www.newscientist.com/article.ns?id=dn7077>

Maximum pain is aim of new US weapon

19:00 02 March 2005

Exclusive from New Scientist Print Edition

David Hambling



E. P. industries, Inc. / Mission Research Corp.

"It could be used for torture..." John Wood, University College London

"I am deeply concerned about the ethical aspects..." Andrew Rice

"Pain researchers are furious...." David Hambling

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NLW DEATHS AND INJURIES



Compared to what????

More than 110 deaths of children under 6

17 deaths with 125,000 rounds fired
Probability of fatality 0.00014



THE ISSUE IS TRAINING AND SUPERVISION

COMPARED TO WHAT?

Foam Baton

Bean-Bag Round



10mm Black Talon

TASER AS TARGET



CATCH 22

- **103 DEATHS FROM TASER??** (AI 14 April 06)
- **ONLY 6 AUTOPSIES FIND TASER A CONTRIBUTING FACTOR**
- **NO INDEPENDENT RESEARCH - WHAT ABOUT THE AUTOPSIES**
- **HOW MANY IN-CUSTODY DEATHS WITHOUT TASER?**
- **WHAT IS THE TIMING OF NEWS ARTICLES?**
- **INDUSTRIAL ESPIONAGE/SABOTAGE**
- **NO NEWS STORY EVER DIES – EVEN WHEN DISPROVED**

IS THERE AN AGENDA???

**Amnesty International
Calls For Taser Suspension**

**EPIDEMIC
ERGOFUSION**



**REMEMBER
DEEP THROAT**

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NAILING A FOOT TO THE FLOOR

MOSCOW THEATER



A MATTER OF CHOICE

INCAPACITATING AGENTS

WHAT YOU DID READ:

- NERVE GAS KILLED RUSSIAN HOSTAGES (UPI)
- DEADLY END TO MOSCOW SIEGE SHOWS DANGERS OF INCAPACITATING CHEMICALS (AP)
- CONCERN ARISES OVER TYPE OF GAS USED BY MOSCOW (WASH POST)
- USE OF GAS RISKS OTHERS FOLLOWING SUIT (SF CHRONICLE)



WHAT YOU SHOULD HAVE READ:

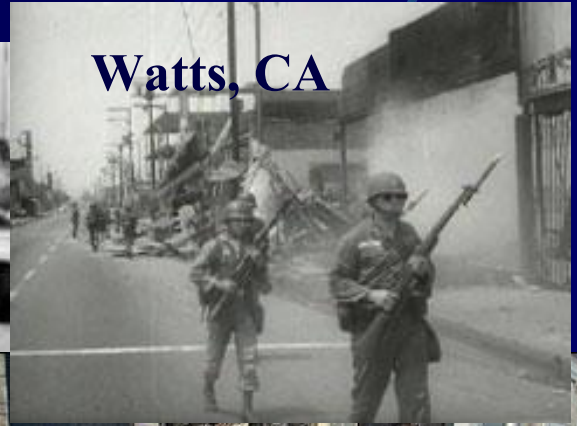
HUNDREDS SAVED BY USE OF INCAPACITATING AGENT

**WOULD YOU SET TODAY'S SPEED LIMITS BASED ON
AUTOMOBILE TECHNOLOGY OF 1900???**

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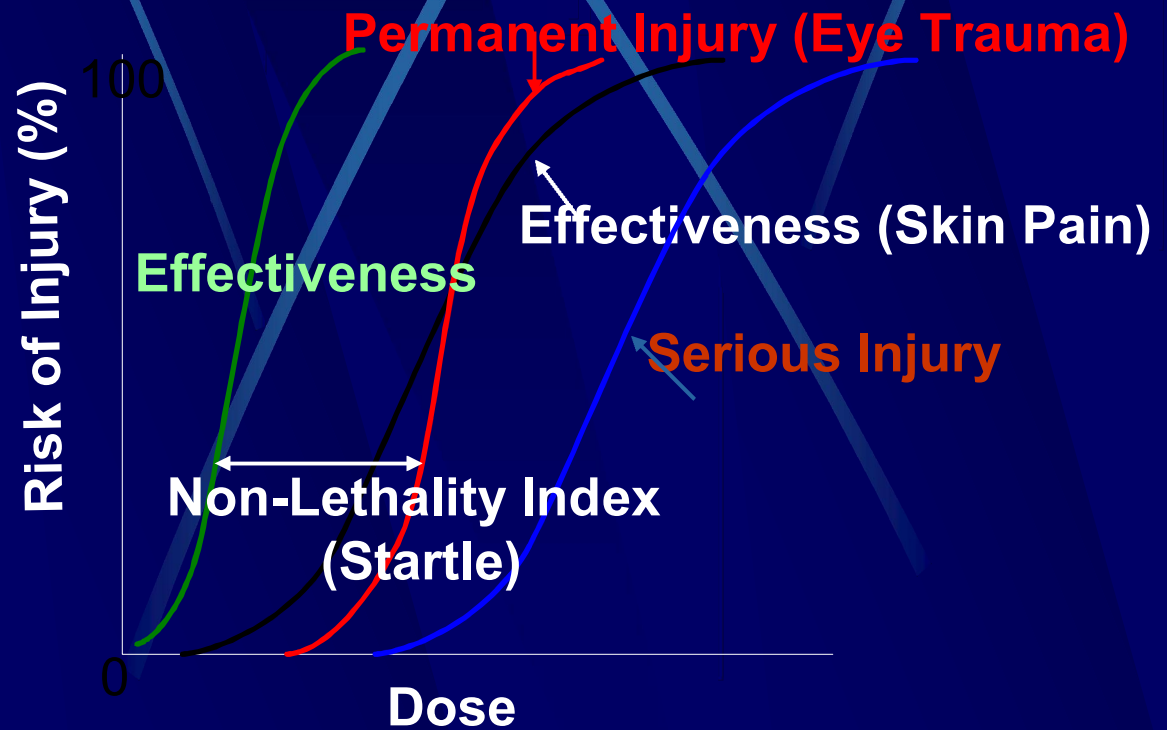
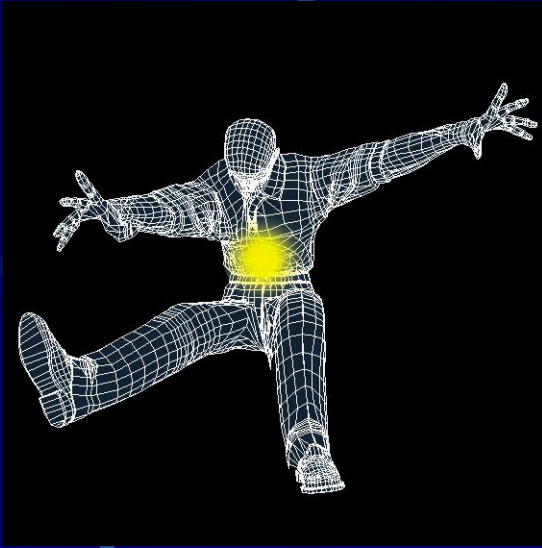
SUPPRESSING DISSENT



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HOW GOOD IS GOOD ENOUGH?



BUT WHAT ABOUT PEOPLE WHO:

- **HAVE PACEMAKERS?**
- **EXTREME HEART CONDITIONS?**
- **ARE ASTHMATIC?**
- **ARE VERY OLD?**
- **ARE BLIND, DEAF MIDGETS WITH PARKINSON'S ?**

“Life is tough; it’s tougher when you’re stupid.”

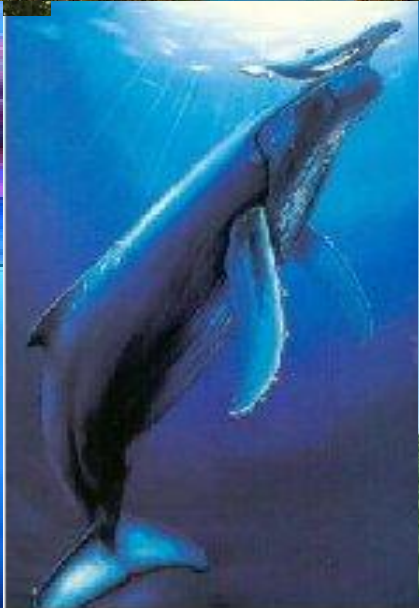
**John Wayne as SGT John Stryker
Sands of Iwo Jima**

PERCEPTION

THE PROBLEM OF DIFFERING WORLD VIEWS

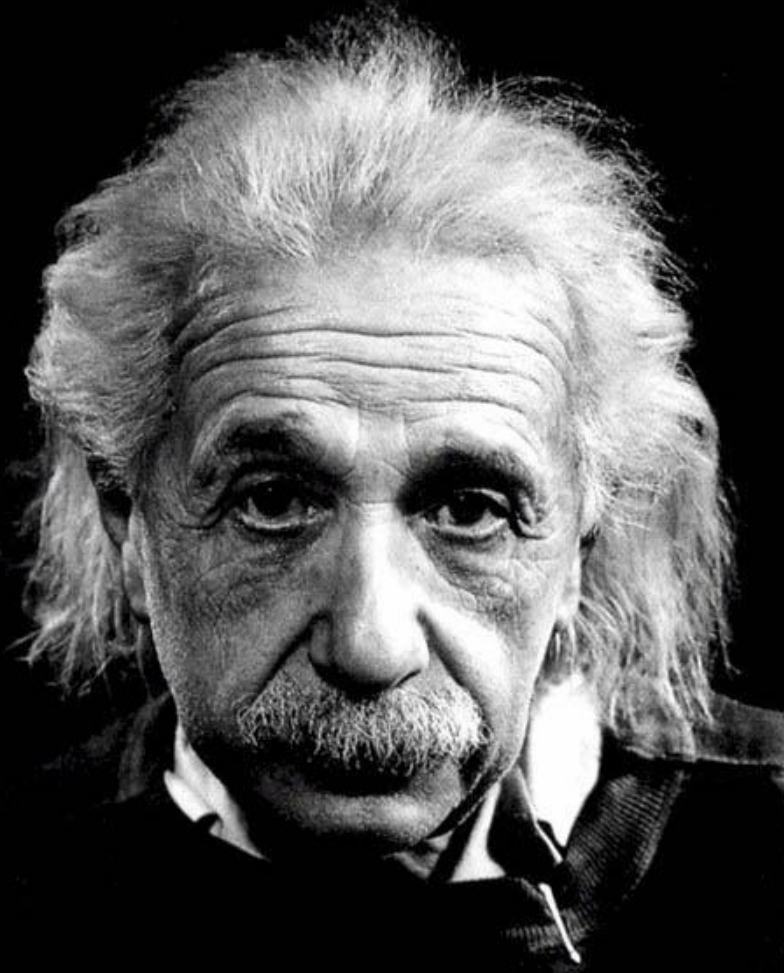
AIN'T IT AWFUL???

THE WORLD AS SEEN BY PHILOSOPHICAL GROUPS



THE WORLD AS IT IS





“There are two things that are infinite.....the universe and human stupidity. And I’m not sure about the former.”

RECONSIDERATION OF ISSUES

- **WHAT PROBLEM ARE YOU SOLVING?**
- **COMPLAINTS BASED ON EMOTION VS. FACTS**
- **BLAME TECHNOLOGY FOR HUMAN PROBLEMS**
- **CHEMICAL & BIOLOGICAL AGENTS HAVE PEACEFUL PURPOSES**
- **MORE OPTIONS ARE PREFERABLE TO LESS**
- **THE RESULTS ARE IN: NLWS ARE NOT A ROAD TO HELL**



THE PRIMARY QUESTION SHOULD BE:

COMPARED TO WHAT?

COMING SOON TO A COMMUNITY NEAR YOU

NLWS: NOW MORE THAN EVER



IS IT BETTER THAN A ROCK?



**WE NEED PRECISION STRIKE BEYOND 60 METERS:
PREFER HUNDREDS OF METERS**

NOW IT'S YOUR KIDS IN THE SCHOOL: WHAT WEAPONS DO YOU WANT POLICE TO USE??



THANK YOU FOR YOUR SERVICE TO OUR COUNTRY

