NON-LETHAL WEAPONS:
NO ROAD TO HELL

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Reston, Virginia
14 March 2005

FUTURE WAR:
NLW in 21st Century Warfare
St. Martin’s Press, 1999

WINNING THE WAR
St. Martin’s Press
July 2003

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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
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Non-Lethal Weapons are 0.012% of US DOD Budget
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NLWS AND TORTURE

Monk with torture devices used by Chinese

Victoria with instruments of torture

TORTURE IS AN ISSUE OF HUMAN INTENT- NOT DEVICES
Maximum pain is aim of new US weapon

19:00 02 March 2005
Exclusive from New Scientist Print Edition
David Hambling

“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

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

More than 110 deaths of children under 6

Compared to what????

THE ISSUE IS TRAINING AND SUPERVISION
COMPARED TO WHAT?

Foam Baton

Bean-Bag Round

10mm Black Talon
TASER AS TARGET

CATCH 22

- 94 DEATHS FROM TASER??
- 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

Nepal

Brazil

Watts, CA

Madrid

Mexico City
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HOW GOOD IS GOOD ENOUGH?

Effectiveness (Skin Pain)

Permanent Injury (Eye Trauma)

Serious Injury

Dose

Risk of Injury (%)

Effectiveness

Non-Lethality Index (Startle)

0

100

Dose
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
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?
“There are two things that are infinite…..the universe and human stupidity. And I’m not sure about the former.”
COMING SOON TO A COMMUNITY NEAR YOU

NLWS: NOW MORE THAN EVER
NOW IT’S YOUR KIDS IN THE SCHOOL: WHAT WEAPONS DO YOU WANT POLICE TO USE??