

STRATEGIC ISSUES IN NATIONAL AND REGIONAL INTELLIGENCE AND ELECTRONIC SECURITY: A FEW THOUGHTS

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Our Mission

- To Inform? Or to Collect Secrets?
- To Serve a Few Elites? Or to Serve a Larger Community?
- To Work Alone in Secret? Or to Cooperate within Limits?
- To React? Or to Anticipate? Or to Divert Threats through Action?

Definitions

- Four Warrior Classes—War, Peace, and Time
- Data—Information—Intelligence
- Open Source Information—Open Source Intelligence
- Information Continuum—Virtual Intelligence Community
- Information Warfare—Electronic Home Defense
- Information Strategy (Connectivity, Content, Coordination, Security)

Observations

- War by other means—largely between governments and non-state actors
- Intelligence can be critical force multiplier and cost saver—if it improves
- Civil sector driving both sources and methods
- Classified threats don't exist in civil sector
- Achilles' heel is electronic nodes (finance, power, comms, transportation)
- Beyond guerrilla warfare—the *zen* of complex constant competition
- Must redefine information warfare to encompass
 - Intelligence—Electronic Home Defense—Information Peacekeeping
- Both defense and intelligence require major restructuring
- Civil sector “due diligence” is 21st Century “draft” for home defense

Open Source Intelligence

- Brief History of OSINT
- Knowledge Terrain: The Information Continuum
- Rules of the Game
 - Distributed
 - Hard-Copy
 - Geospatial Vacuum
 - Civil Center of Gravity
 - Diamond Paradigm
 - Changing Role of the Analyst
- The Burundi Exercise
 - Top Ten Journalists (LEXIS-NEXIS)
 - Top Ten Academics (Institute of Scientific Information)
 - Tribal Orders of Battle (Jane's Information Group)
 - Soviet Military Topographic Maps (East View Publications)
 - 100% Cloud-Free Imagery at 1:50,000 (SPOT Image Corporation)

National Intelligence Shortfalls (the American experience)

- National Clandestine Human Intelligence
 - Capital city cocktail circuit
 - 75% blown to local liaison
 - Don't do contingency support

- Don't do good liaison
- Don't speak military
- National Imagery Intelligence
 - Don't do wide area surveillance
 - Don't support commercial imagery integration
 - Don't care about mapping needs
 - Theater targeteers will suck up what little is offered
- National Signals Intelligence
 - Military gives more than it gets
 - Collection vacuum cleaner, dissemination eye-dropper
 - Encryption monster is out of the box
 - Priority system not supportive of tactical needs
 - Don't do windows (refugee/religious housekeeping)
- National Mapping Collection and Production
 - Only 10% of the world mapped at 1:50,000
 - Marine Corps experience: zero for 22, old ports/capitals for 37
 - Won't get commercial imagery into pipeline until severe cuts impact on national technical means and everyone "gets it"—national is not the solution for mapping
- National "All-Source" Analysis
 - Is *not* all-source because it is severely deficient in open source
 - No model for analysis to create strategic generalizations
 - No experienced analysts for Third World and non-traditional topics
 - Security & procurement obstacles to drawing on private sector expertise
- National "Intelligence" Dissemination
 - You're on your own
 - Don't do unclassified or SECRET dissemination
 - Don't communicate with coalition and civilian consumers
 - Don't do "just enough, just in time" *intelligence*
 - Don't respond to tactical priorities except in MRC on CNN

Vulnerabilities to Information Warfare & Terrorism

- Integrated Information Warfare (triangle)
 - Intelligence
 - Electronic Home Defense
 - Offensive Information Warfare
 - Information Peacekeeping (in center of triangle)
- Information Warfare Problems
 - 90% in Civil Sector
 - Threat Classified
 - No Due Diligence Laws
 - Hacker Tools in Hands of Criminals and Idiots
 - Ignoring Electronic Espionage
 - No Strategy

Solutions

- National information strategy precedes intelligence reform
- Need to invest 5-10% of intelligence budget in open sources of intelligence
- Need to invest 3-5% of defense budget in electronic security & counterintelligence which focuses on the *private sector* as the primary beneficiary
- As a general rule, only the military has the funding flexibility to fund both needs
- Can't get there without a national information strategy that understands the value of classified intelligence, the importance of open sources of intelligence, and the vulnerabilities of the total electronic system of systems

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