

## OPEN SOURCES AND THE VIRTUAL INTELLIGENCE COMMUNITY

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### Introduction

- Internet is 10% of cyberspace, and cyberspace is 10% of knowledge
- However, Internet appears to be the earliest discernible incubator for ideas
- Of 14 communities examined, only one, the Dutch, have a strong approach

### Technical Issues

- Installed base of classified machines is a given; Embassy hub and SCIFs underexploited
- Disconnect between consumer base, producer base, and private sector base

### Tactical Issues

- Allocation of dollars for tactical information collection and processing out of balance  
*(Must shift resources to Country Team for legal collection and filtering of vast amounts of multi-media open source information, and away from clandestine collection which requires informants to be traitors and tends to fill compartmented shoeboxes)*
- Need dramatic change in role of the analyst as network manager ("hub")  
*(Must shift resources to hire mid-career experts who harness private sector expertise as the foundation for all-source analysis, rather than junior analysts addicted to classified sources and oblivious to their limitations and to utility of open source and foreign language open source)*

### Operational Issues

- Radical change needed in security constraints on community access to private sector  
*(Commission on Intelligence did not go far enough--forget about clearances for external researchers, center of gravity is now in the private sector, classified provides incremental value)*
- Radical change needed in procurement management for external research  
*(Existing multi-billion dollar contracts to beltway industrial base are a thing of the past--need to shift to direct control of dollars by very experienced individual analysts who establish pay as you go "just in time" contracts with single experts for single days)*

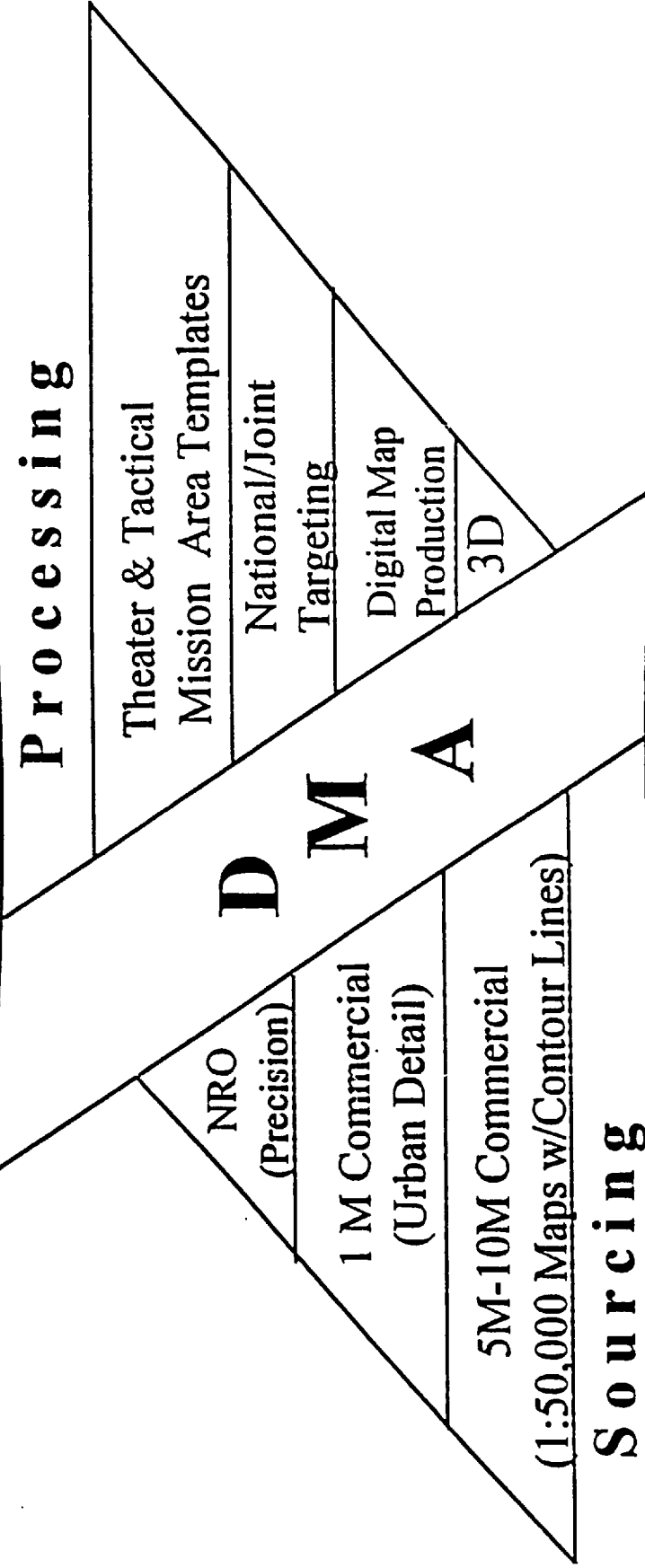
### Strategic Issues

- Intelligence Community cannot succeed in a vacuum--must have a National Information Strategy  
*(Increasing access to open source databases and experts, improved communications and computing security, coordination of government information investments will not take place without an over-arching strategy--to succeed as a classified Intelligence Community in the 21st Century, must have as a foundation the Virtual Intelligence Community)*
- Our world is now "upside down"--instead of tools for secrecy we need tools for thinking....  
*(In the information age, "intelligence" is less a matter of penetrating secrets, and more a matter of separating useful information from the flood of open information that is available legally and cheaply, in order to provide "just in time" decision support to the consumer)*

### Conclusion

- Imagery example is instructive--see attached to understand the new balance of power!

**Intelligence, Military & Law Enforcement--  
Precision Operations & Battlespace Dominance**



**Policy Foundation  
Political, Economic, Environmental, & Cultural**

**AFRICA**

<b>Complete 1:50</b>	<b>Over 75% 1:50</b>	<b>Over 50% 1:50</b>	<b>Over 25% 1:50</b>	<b>Under 25% 1:50</b>
	Nigeria		Egypt Libya Tunisia	Algeria Angola Djibouti Ethiopia Ghana Kenya Liberia Madagascar Mozambique Namibia Somalia South Africa Sudan Uganda

**ASIA and THE PACIFIC**

<b>Complete 1:50</b>	<b>Over 75% 1:50</b>	<b>Over 50% 1:50</b>	<b>Over 25% 1:50</b>	<b>Under 25% 1:50</b>
Cambodia North Korea Philippines South Korea Thailand	Japan Viet-Nam			Bangladesh China Fiji Indonesia Kazakhstan Kiribati Kyrgystan Malaysia Myanmar New Caledonia Papua N. Guinea Russia Solomon Islands Spratly Islands Sri Lanka Vanuatu

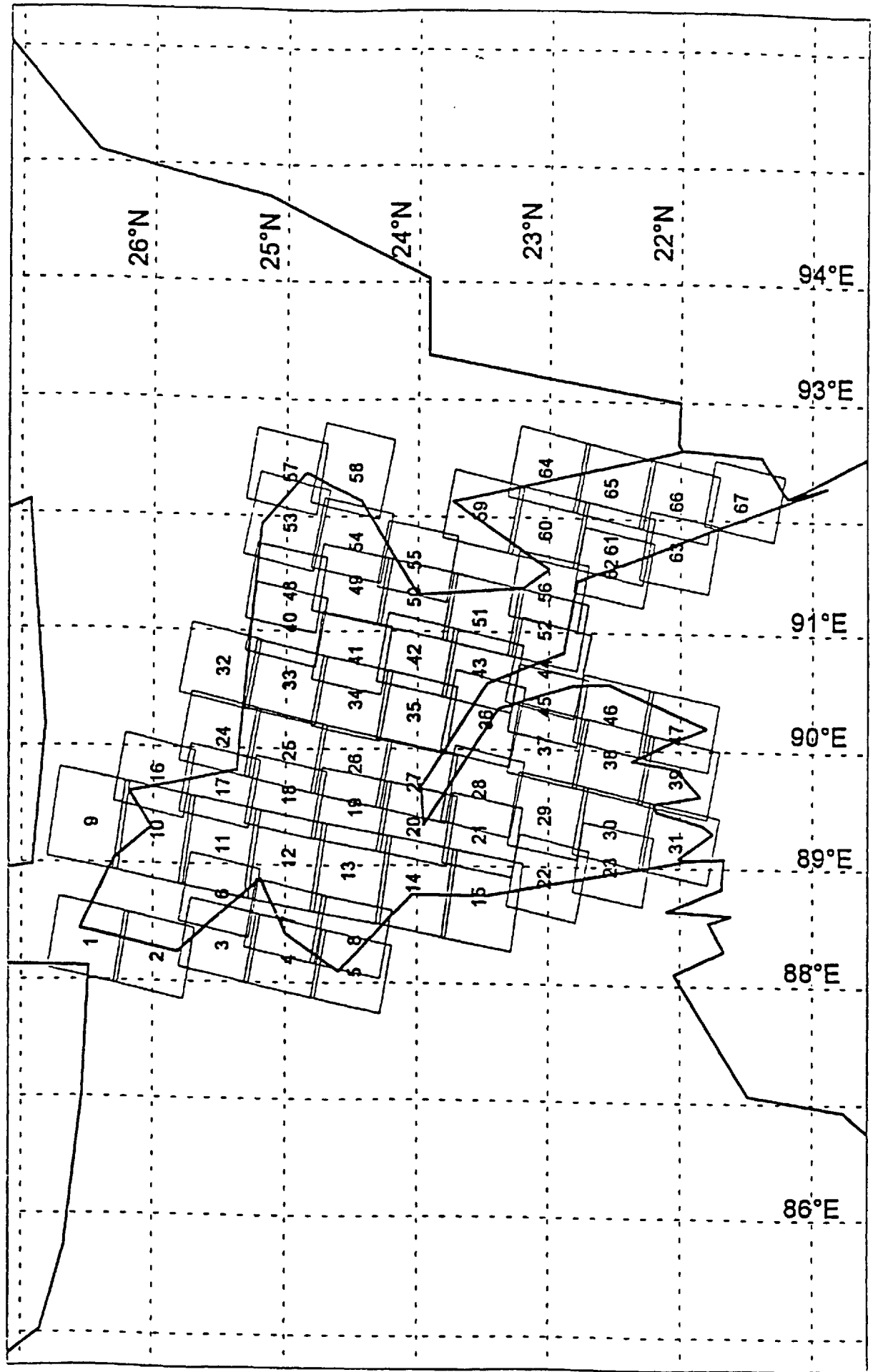
### EUROPE and the MEDITERRANEAN

Complete 1:50	Over 75% 1:50	Over 50% 1:50	Over 25% 1:50	Under 25% 1:50
Bosnia-Herz.	Denmark	Lithuania	Belarus	Greece
Croatia	Italy	Romania	Estonia	Turkey
Czech Republic	Norway		Latvia	
Macedonia			Ukraine	
Moldova				
Poland				
Servia & Monten.				
Slovakia				
Slovenia				

### WESTERN HEMISPHERE

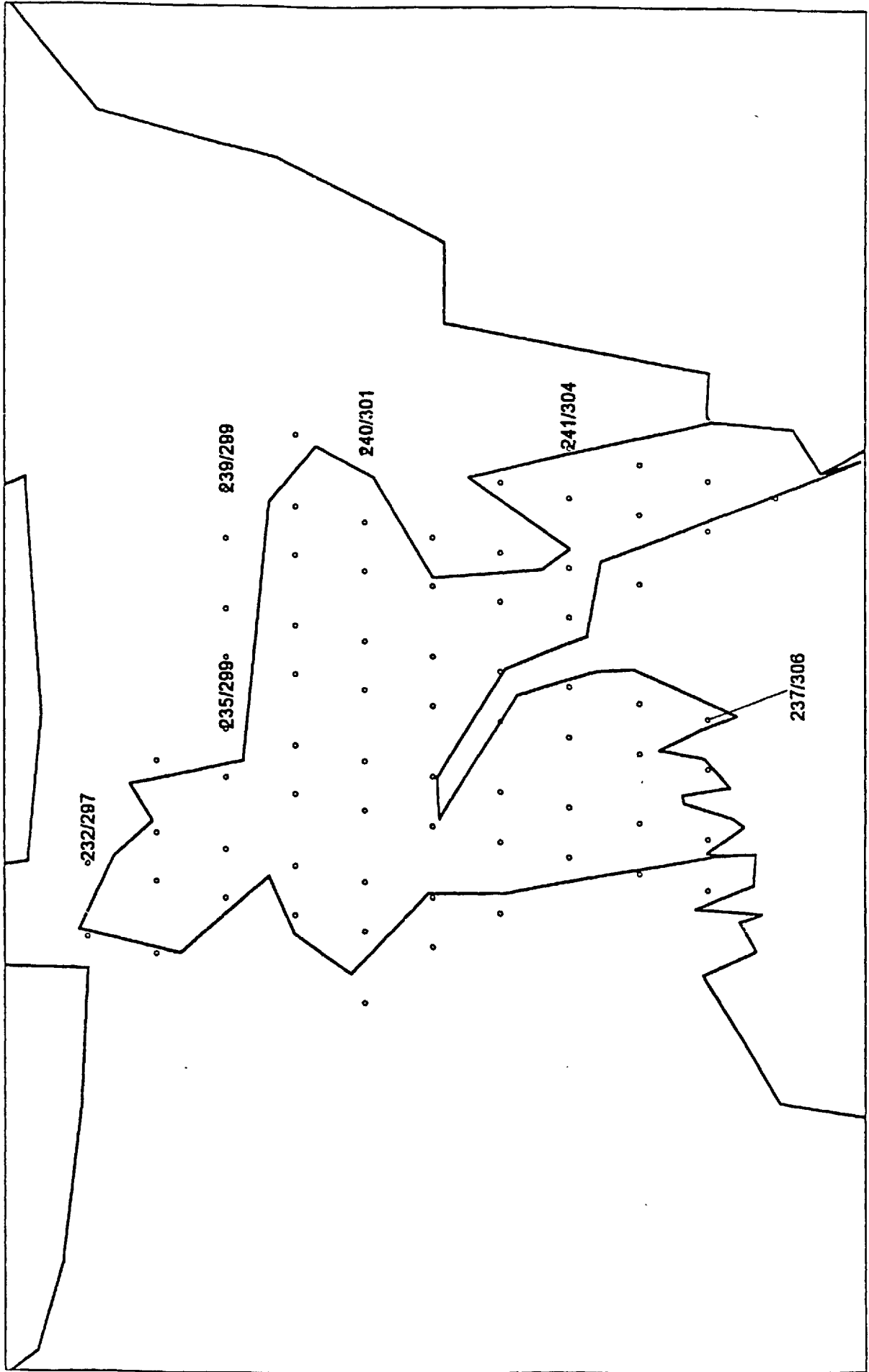
Complete 1:50	Over 75% 1:50	Over 50% 1:50	Over 25% 1:50	Under 25% 1:50
Cuba	Panama	Guatemala	Costa Rica	Argentina
Dom. Rep.				Bolivia
El Salvador				Brazil
Haiti				Colombia
Honduras				Ecuador
				Grenada
				Jamaica
				Mexico
				Paraguay
				Peru
				Suriname
				Uruguay
				Venezuela

# BANGLADESH - Panchromatic Data



3/11/96

**BANGLADESH**



**Scene Count = 73 Scenes**

# OSS '96: THE CONFERENCE Proceedings, 1996 Volume II, Fifth International Symposium Global Security & Global Competitiveness: Open - Link Page

Previous      [Mr. Robert D. Steele, SMART NATIONS: National Information Strategies and Virtual Intelligence Communities, Presentation to the Conference on WAR AND PEACE IN THE XXIst CENTURY, Paris, France, 19 December 1995](#)

Next            [Mr. Robert D. Steele, Creating a Smart Nation: Strategy, Policy, Intelligence, and Information, reprinted from Government Information Quarterly \(Summer 1996\) AND Information Strategy, Virtual Intelligence, and Information Warfare](#)

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