



***Perspectives: From Across the
Spectrum of Operations***

DISA Customer Partnership Conference 2009

21 April 2009

LtGen John R. Allen



Agenda

- **U.S. Central Command Area of Responsibility**
- **Importance of Communications**
- **The Tsunami**
- **Anti-Piracy Operations**
- **Sadr City: The Modern Urban Battlefield**
- **Requirements for Effective Communications**



CENTCOM – Area of Responsibility

Complex

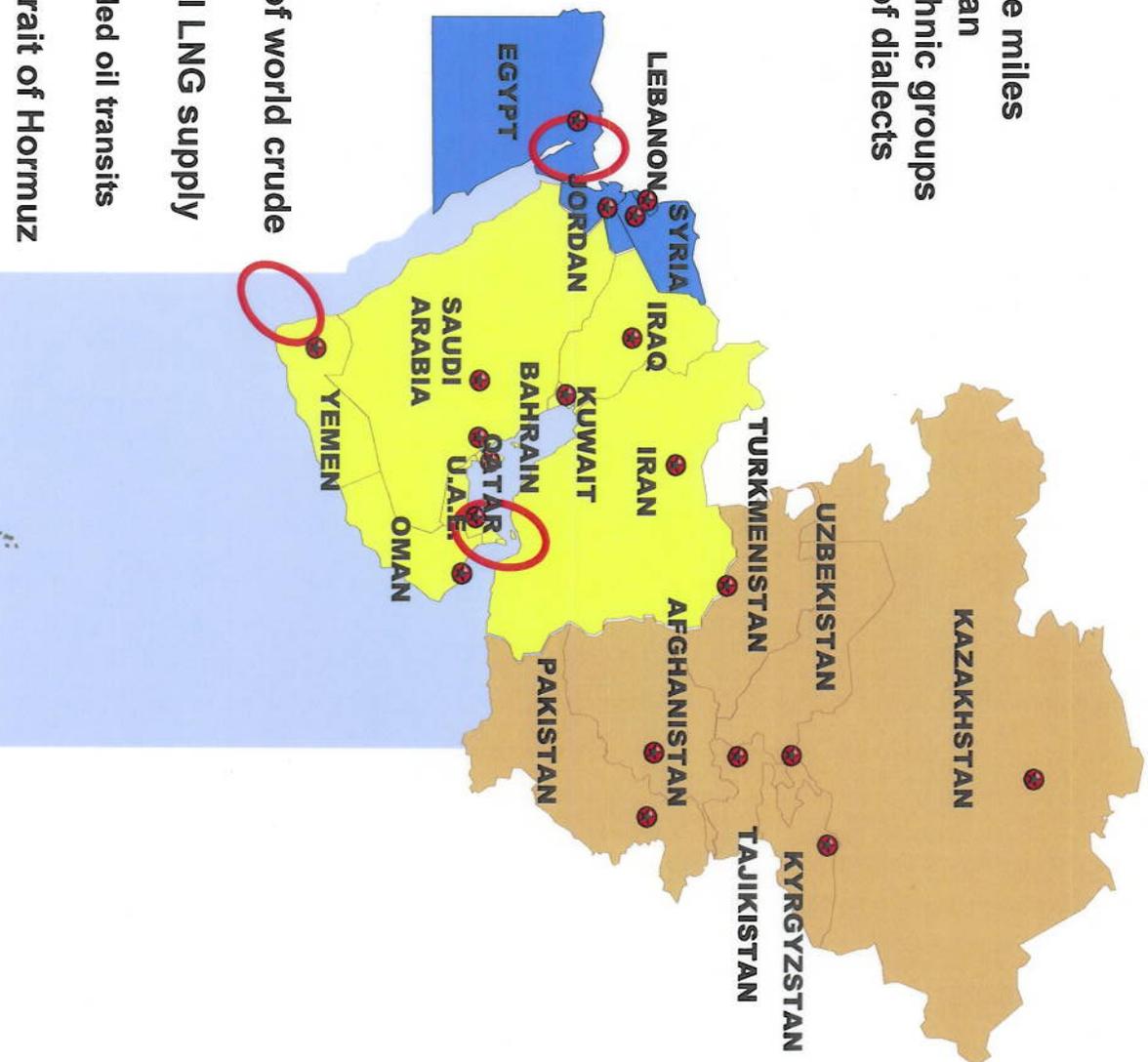
- 20 Countries, 4.5 million square miles
- 1.1 Billion square miles of ocean
- 531 Million people, 16 major ethnic groups
- 7 Major languages, hundreds of dialects
- 4 Major religions

Challenging

- Income inequality
- Ungoverned Spaces
- Youth Bulge
- Urbanization
- Globalization
- Corruption
- Governance
- Time zone / distance

Global Economic Impact

- Arabian Gulf produces ~ 31% of world crude oil
- Region exports ~ 26% of global LNG supply
- 3 x Strategic Choke Points
 - Appx 40% internationally traded oil transits SoH
 - 21% of LNG goes through Strait of Hormuz



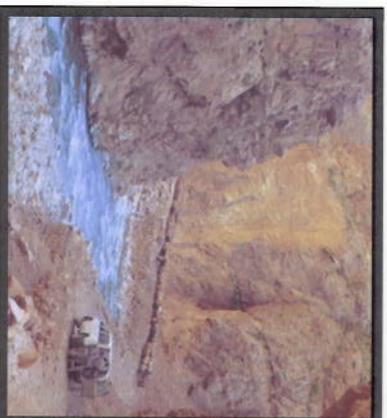


Importance of Communications

- Regardless of the mission, effective C2 systems is vital to success
- Crucial to development of common operating picture
 - Enables timely and effective decision making
- Battlefield Commander cannot be everywhere

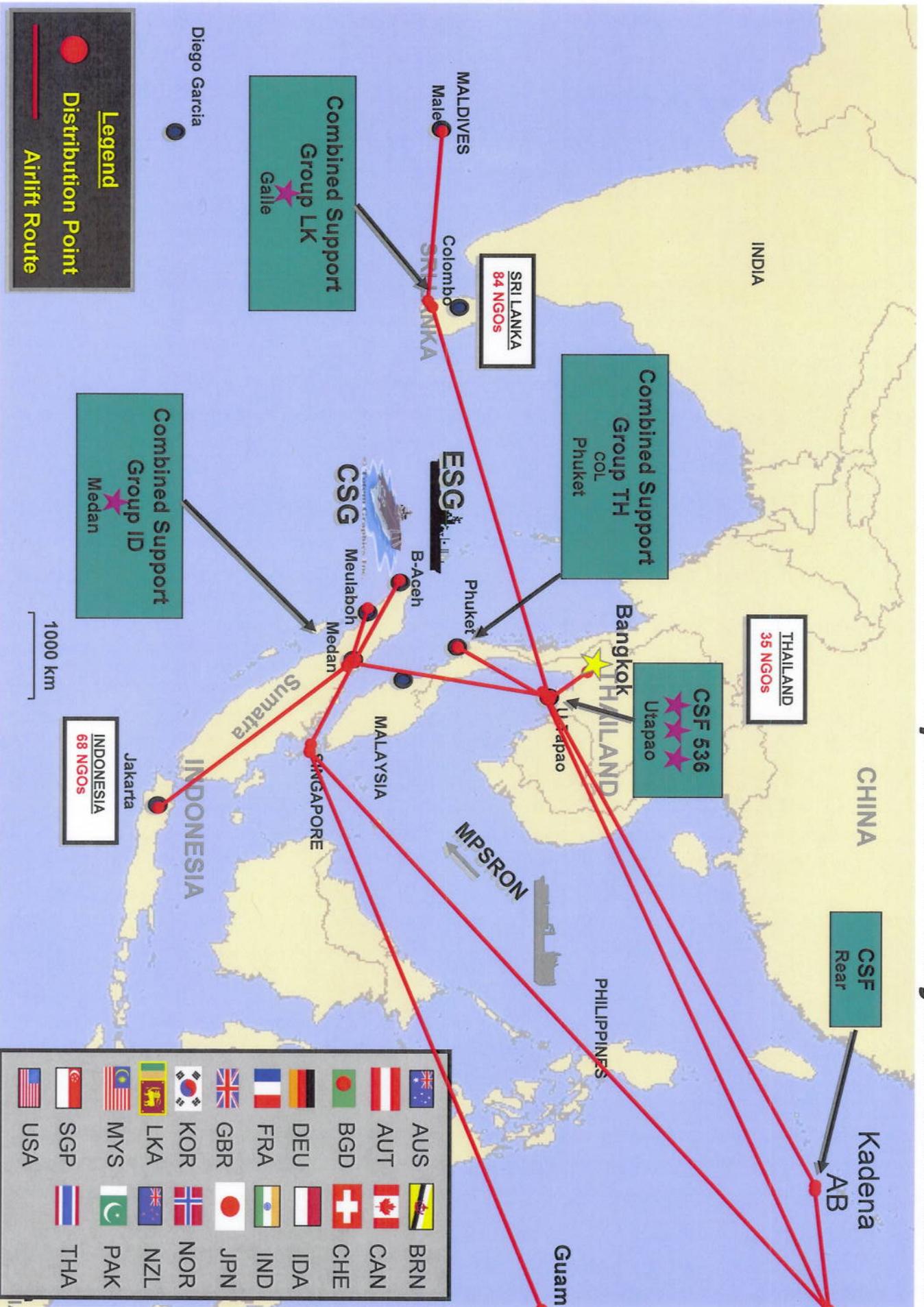
RANGE OF MILITARY OPERATIONS			
Military Operations	General US Goals	Representative Examples	
War	Fight & Win	Large Scale Combat Operations, Attack, /Defend / Blockade	Peace Enforcement Counterterrorism Show of Force/Raid/Strike Peacekeeping/UNEO Nation Assistance Counterinsurgency
Military Operations Other Than War	Deter War & Resolve Conflict	Promote Peace & Support US CIVIL Authorities	Freedom of Navigation Countering Humanitarian Assistance Protection of Shipping US CIVIL Support
COMBAT	NON COMBAT		

Figure I-1. Range of Military Operations



No one should be left to guess, whether they can call for help

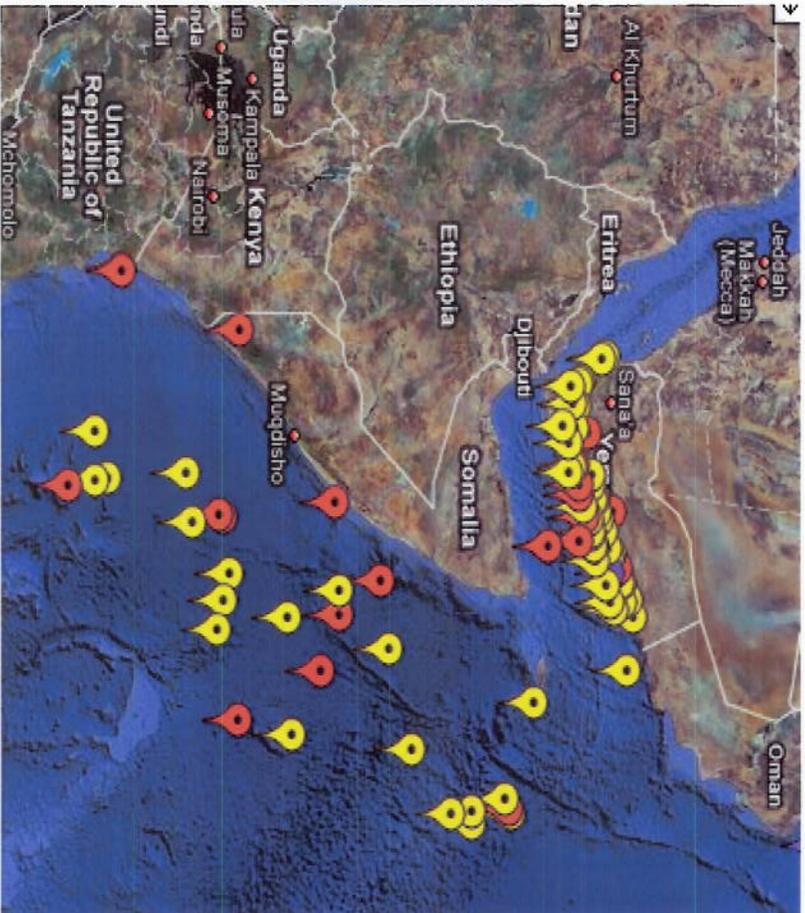
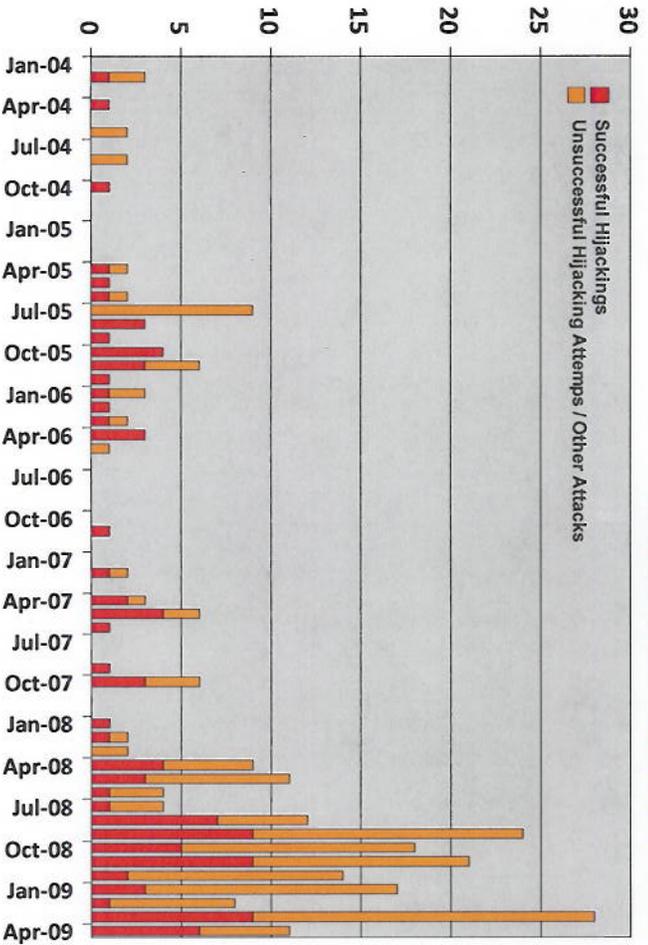
Tsunami: Operation Unified Assistance



	AUS		AUT		BGD		BRN
	USA		CAN		CHE		CAN
	SGP		DEU		FRA		IND
	MYS		GBR		JPN		NOR
	LKA		KOR		NLD		NZL
	IND		NOR		PAK		THA



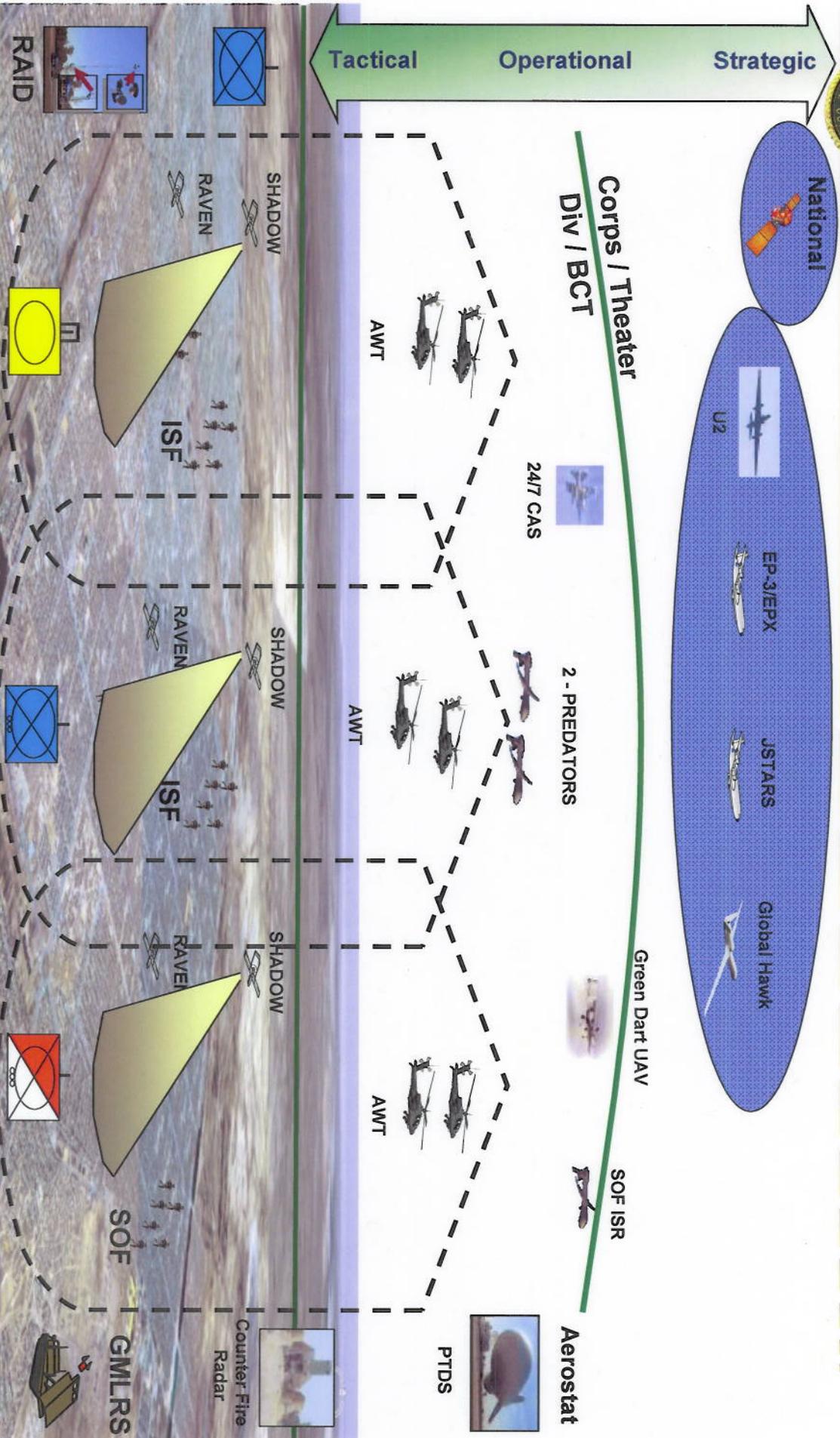
Anti-Piracy Operations



	= Actual Attack		= Attempted Attack		= Suspicious vessel				
	AUS		DEN		IND		NOR		USA
	BHR		FRA		JPN		NZL		YMN
	BLG		GER		KSA		PAK		RUS
	CAN		GBR		LIT		SML		
	CYP		GRC		ITL		MYS		TKY
			NTH		SPN				



Sadr City: The Modern Urban Battlefield



Other Assets: Other Government Agencies, SIGINT Elements, Deployable Ground Station, Sniper Teams, SOF ISR, Phased Array Radar Pods on CAS

X
3/4 ID



Requirements for Effective Communications

- Ability to rapidly standup an extensive C4I communications plan that is:
 - Redundant, Reliable, and Secure
 - Provides comprehensive situational awareness
 - Interoperable with other Services, other agencies, non-governmental organizations, and interagency organizations of other nations involved in operations
- Robust and Diverse Infrastructure
 - Fiber, Satellites
 - Trained people
 - Effective policies
 - Proper safeguards
 - End user equipment

Bottom Line: The development of interoperable C4I will require: interagency teamwork; partnership between government and industry; and strong bi-lateral and multilateral relations based on trust and experience



Questions