

75th MORSS CD Cover Page

UNCLASSIFIED DISCLOSURE FORM CD Presentation

712CD

For office use only 41205

12-14 June 2007, at US Naval Academy, Annapolis, MD

Please complete this form 712CD as your cover page to your electronic briefing submission to the MORSS CD. Do not fax to the MORS office.

Author Request (To be completed by applicant) - The following author(s) request authority to disclose the following presentation in the MORSS Final Report, for inclusion on the MORSS CD and/or posting on the MORS web site.

Name of Principal Author and all other author(s):
Ms. Lisa S. Disbrow and COL Walter S. Barge

Principal Author's Organization and address:
Principal Deputy Director, Force Management
Force Structure, Resources and Assessment Directorate (J-8)
8000 Joint Staff Pentagon
Washington, DC 20318-8000

Phone: (703) 695-9153

Fax: (703) 697-8115

Email: lisa.disbrow@js.pentagon.mil

Original title on 712 A/B: GWOT and Analytic Challenges: A Joint Staff Perspective

Revised title: N/A

Presented in (input and Bold one): (WG___, CG___, Special Session **_X_**, Poster, Demo, or Tutorial):

Report Documentation Page

Form Approved
OMB No. 0704-0188

Public reporting burden for the collection of information is estimated to average 1 hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Washington Headquarters Services, Directorate for Information Operations and Reports, 1215 Jefferson Davis Highway, Suite 1204, Arlington VA 22202-4302. Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to a penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number.

1. REPORT DATE 01 JUN 2007	2. REPORT TYPE N/A	3. DATES COVERED -			
4. TITLE AND SUBTITLE GWOT and Analytic Challenges: A Joint Staff Perspective		5a. CONTRACT NUMBER			
		5b. GRANT NUMBER			
		5c. PROGRAM ELEMENT NUMBER			
6. AUTHOR(S)		5d. PROJECT NUMBER			
		5e. TASK NUMBER			
		5f. WORK UNIT NUMBER			
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) Principal Deputy Director, Force Management Force Structure, Resources and Assessment Directorate (J-8) 8000 Joint Staff Pentagon Washington, DC 20318-8000		8. PERFORMING ORGANIZATION REPORT NUMBER			
		10. SPONSOR/MONITOR'S ACRONYM(S)			
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)		11. SPONSOR/MONITOR'S REPORT NUMBER(S)			
		12. DISTRIBUTION/AVAILABILITY STATEMENT Approved for public release, distribution unlimited			
13. SUPPLEMENTARY NOTES See also ADM202526. Military Operations Research Society Symposium (75th) Held in Annapolis, Maryland on June 12-14, 2007, The original document contains color images.					
14. ABSTRACT					
15. SUBJECT TERMS					
16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT UU	18. NUMBER OF PAGES 7	19a. NAME OF RESPONSIBLE PERSON
a. REPORT unclassified	b. ABSTRACT unclassified	c. THIS PAGE unclassified			

UNCLASSIFIED



GWOT and Analytic Challenges: A Joint Staff Perspective

**COL Shep Barge
Chief, J-8/WAD
(703) 697-8651
walter.barge@js.pentagon.mil**

Distribution Statement A: This presentation/paper is unclassified, approved for public release, distribution unlimited, and is exempt from U.S. export licensing and other export approvals under the International Traffic in Arms Regulations (22 CFR 120 et seq.)

UNCLASSIFIED



Operational Availability 2007 (OA-07) examined various models and methodologies in the study of the global war on terrorism

- **SEAS**: An agent-based model from Simulex designed to illustrate the impact of DIME actions upon the PMESII factors of various geographic regions of the world
- **STELLA**: A commercial (COTS) modeling environment for using System Dynamics (SD) to study complex feedback systems

Analysis Framework



Tools

- Svc/CCDR workgroups
- Mission Analysis
- Data
- Models
- Scenarios
- MOE's
- Wargaming
- Interagency partners
- Tank & GO/FO reviews
- Peer reviews
- Partner nations

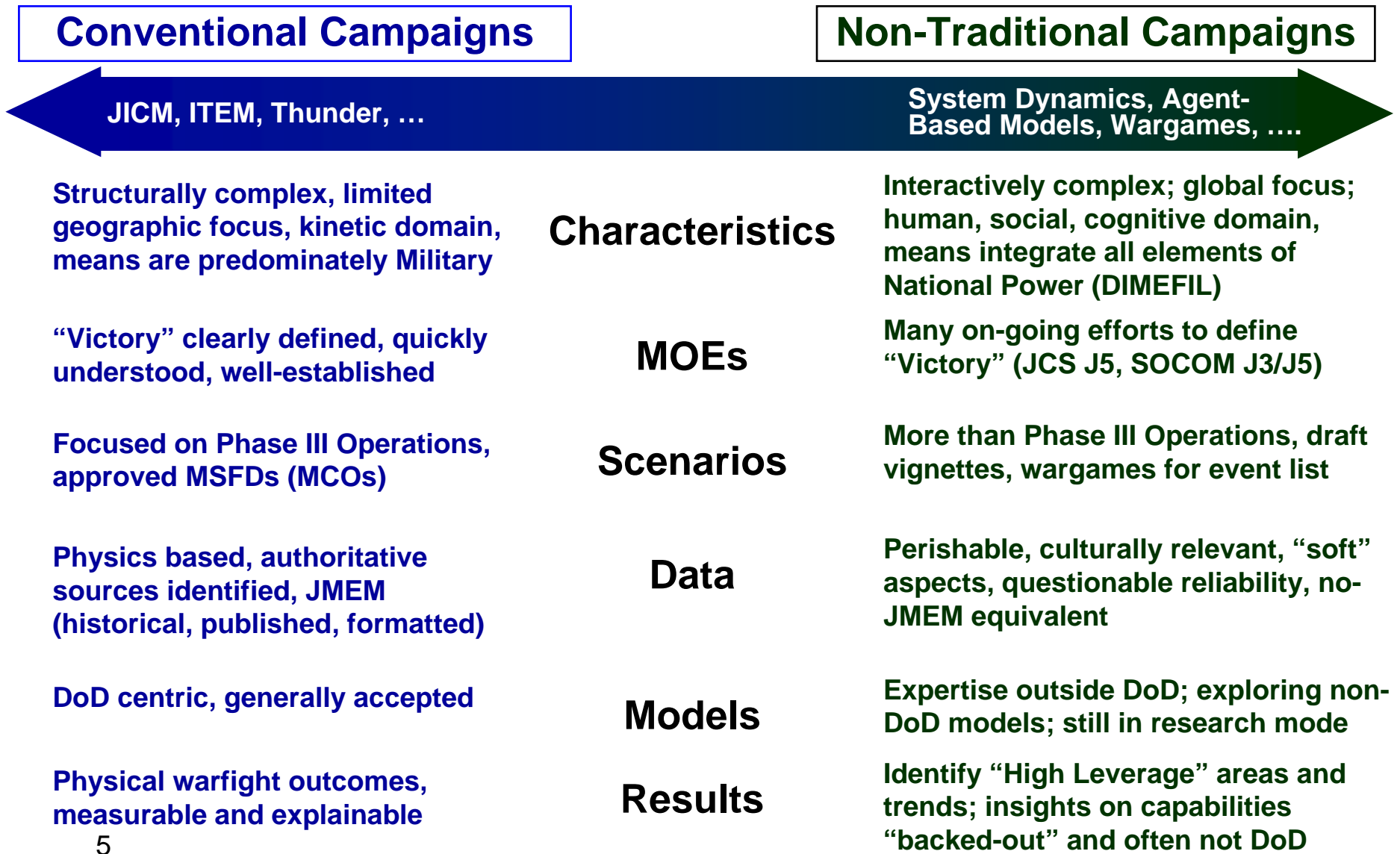
Methodologies

- Intellectual approach
- Rationale
- Physical assumptions
- Philosophical assumptions
- Tank guidance
- SPG tasks

Study Objective

- Senior Leader insights

Comparison of Traditional and Non-Traditional Analysis



Assessment of Analysis Ability



"Means"	Analysis of Conventional Campaigns	Analysis of Non-Traditional Campaigns
• Methods	●	● → ●
• Models	●	● → ●
• Data	●	●
• Scenarios	●	● → ●

Many gains still to be made in non-traditional models, data, scenarios

Way Ahead



- **Continue to use SEAS and SD**
- **Collaborate with experts from the softer sciences (e.g., cultural anthropology, political science, computational social science)**