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MOVES Impact on M&S Policy and Employment in the USA

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MOVES Impact on M&S Policy and Employment in the USA

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20120801

Agenda

- **Who I am**
- **M&S Operational Employment within USA**
 - My Experience/Impact
- **M&S Policy in the USA**
 - My Experience/Impact
- **Today**

Who Am I?

- **Armor Officer**
- **FA57 Simulations Officer**
- **MOVES 2004 Alumnus**
 - Masters Focus on Interoperability of Simulations and Battle Command Systems:
<http://www.dtic.mil/cgi-bin/GetTRDoc?AD=ADA427238>
- **OIF 05-07 Veteran**
- **AMSO Veteran**



Army M&S Operational Employment

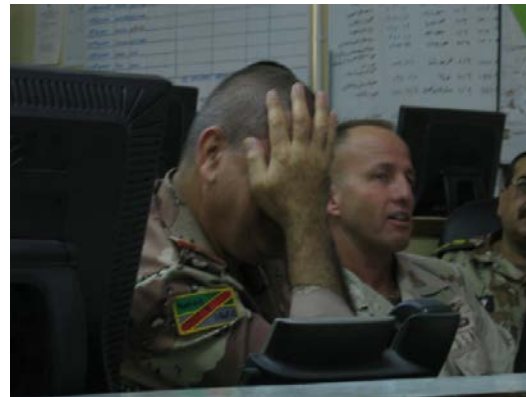
- **Training Aids, Devices Simulators and Simulations (TADSS) used throughout the Army to prepare soldiers for combat**
- **TADSS span the spectrum of Live, Virtual, Constructive and Game instruments**
 - i.e. Range instrumentation MILES
 - Aviation Combined Arms Trainer or Reconfigurable Vehicle Trainer
 - JCATS, OneSAF, CBS, WARSIM
 - VBS2, Steel Beasts, Modern Warfare 3

Operational Impact

- **Designed and executed the Mission Rehearsal Exercise for a Division Headquarters**
 - Included development of the administrative orders and tactical orders i.e. tissue to graphics
 - Responsible for coordination with higher, adjacent and lower headquarters elements
- **First time Simulations integrated with Army Battle Command System 6.4**
 - Feeds no longer top down rather the inputs were horizontal and bottom up. Huge Challenge!
- **Required strong understanding of how to integrate the technologies; We used a combination of L, V and C.**

Operational Impact

- **Developed and Executed a Mission Rehearsal Exercise for the 9th Iraqi Army Headquarters in Taji Iraq.**



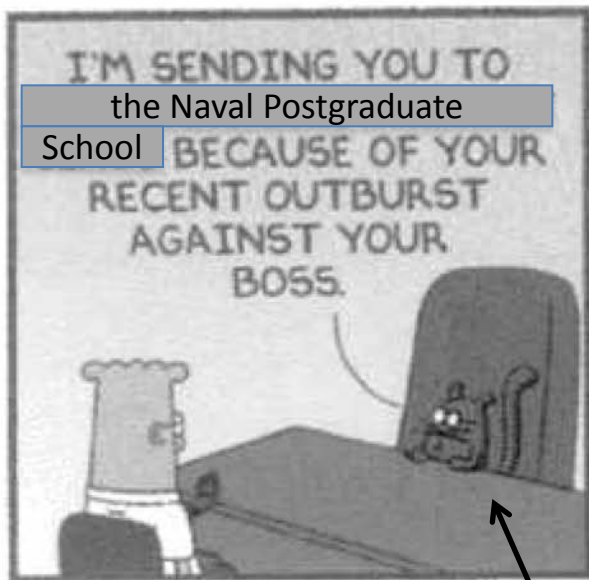
Policy Impact

- **Assisted in the development of the Army M&S and M&S Data Strategies**
- **Participated in the update of Army Regulation 5-11 Management of Army Models and Simulations**
- **Acted as the USA G3 representative during the planning of the Future Land Operations Interoperability Study (FLOIS) with the U.K. (~7M)**
- **Managed the M&S Project call within AMSO (~3M)**

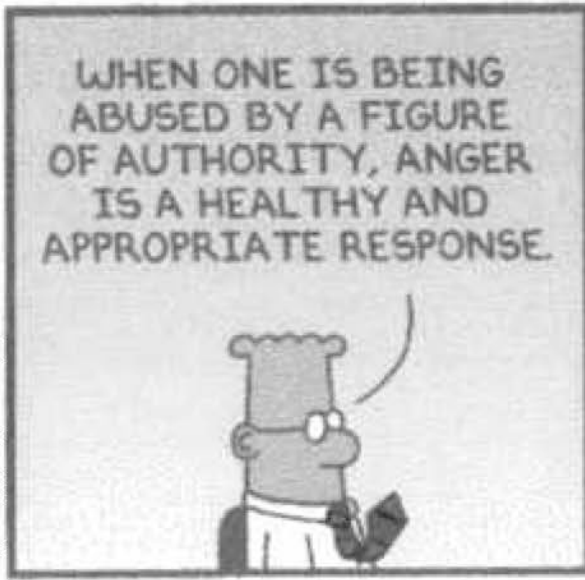
Policy Impact (cont)

- **Acted as the Simulation Operations (FA57) Proponent Officer**
- **Responsible for the life cycle management of the program**
 - ~ 450 active, guard and reserve officers
 - Training and Education
 - Strategic Communications (internal and external)
 - Defended Program during funding and structure discussions (OGP)
- **FA57 Link:** <http://www.ms.army.mil/sp-div/fa57/>

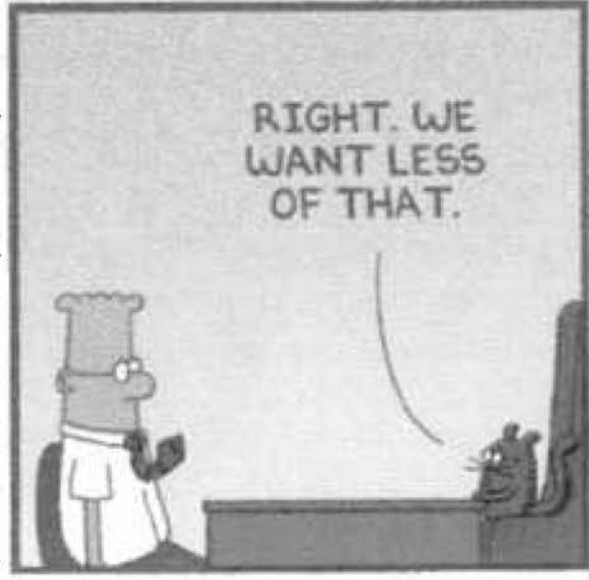




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LTC Hodges

Assignment Officer

Today

- **MOVES Doctoral Student**

- Research Focus

- Development of an Analytical Assessment Methodology for simulation-training environments to determine their suitability for training

- **Why?**

- Training simulation cost is high
- Development time is long
- OTS solutions exist but we need a way to determine their suitability before we spend the \$\$
- Could use a guide during new development that would also assist during V&V post development

Questions?

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