



**Defence Academy**  
of the United Kingdom

# **Computer Simulation**

Major Tom Mouat

# Disclaimer

This presentation represents the **personal** view of the author and is in no way representative of official UK MOD policy.

The UK MOD is small, but still bigger than one man can know. **He might have missed something.**

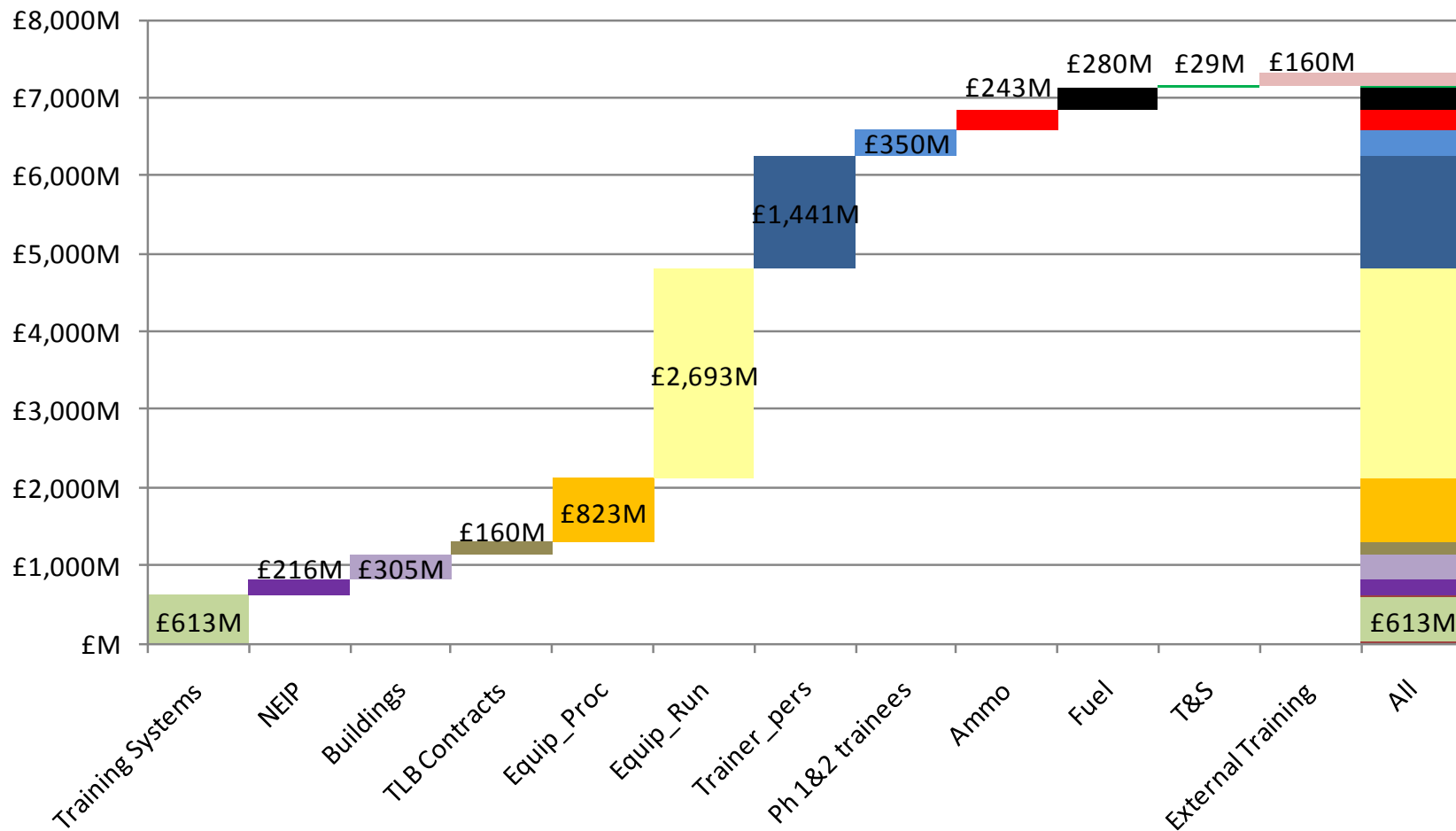
The author is a full-time reservist serving beyond mandatory retirement age and is therefore possibly **embittered** and **cynical** after 36 years service. 😊

# Computer Simulation in Defence

- Many simulators - few Wargames.
- Simulators are to save money.
  - As well as some other stuff...



## Estimated Annual Defence Training Costs



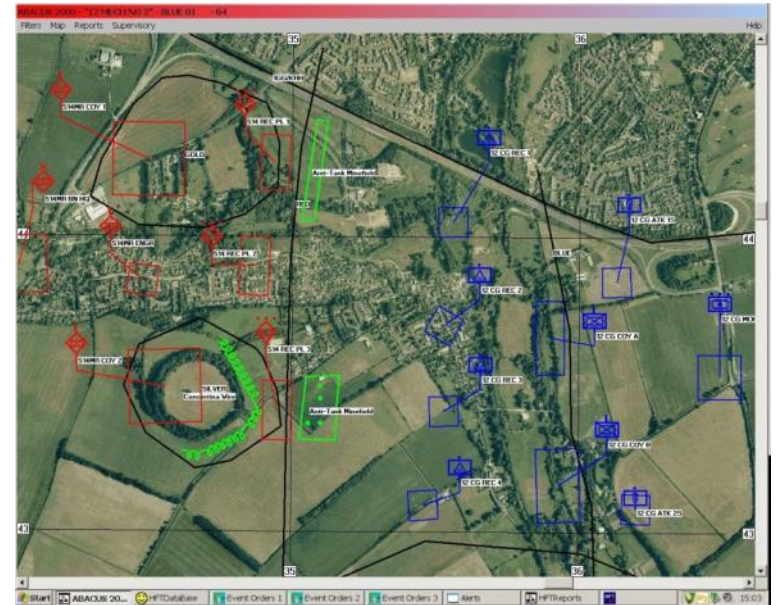
# Computer Simulation in Defence

## ■ Used for Training

- Used for Decision Support
- Used for Education

# CAST

- Simulated Troops
- Simulated Environment



# CATT

- Real Troops
- Simulated Equipment
- Simulated Environment



# TES

- Real Troops
- Real Equipment
- Simulated Effects





# Air

Individual Simulators



Linked Simulators

DSALT

What's missing?



# Maritime

## Bridge Simulator



## Ship Simulator

## What's missing?



# Other Computer Wargames

- BC2T at 90 Army locations
- JOCAST at JSCSC
- MTWAS at JFC
- VBS2 all over the place

Home >> China >> China Society

## Adversarial training enriches PLA's combat experience

11:47, January 02, 2010 🔍 + -

[Email](#) | [Print](#) | [Subscribe](#) | [Comments](#) | [Forum](#)  [Share](#)

China's armed forces are stepping up combat adversarial training and war games in a bid to make up for diminishing real combat experience among their ranks.

Field troops of the People's Liberation Army (PLA) are taking year-end military examinations in which their superior commands have introduced war games played by "red" and "blue" sides.

The testing method, new for all the PLA services, has been set down as a training regulation to improve overall battle effectiveness, said Maj. Gen. Chen Zhaohai, chief of the military training and arms department of the PLA's General Staff Headquarters.



**Defence Academy**  
of the United Kingdom

# **Major Tom Mouat MBE RLC**

MSc psc ato sim

SO2 DS Simulation and Modelling

---

## **College of Management and Technology**

Defence Academy of the United Kingdom

Shrivenham, Swindon, Wiltshire, SN6 8LA

Tel: +44(0)1793 785195

Mil: 96161 5195

Email: [tmouat.hq@defenceacademy.mod.uk](mailto:tmouat.hq@defenceacademy.mod.uk)

**[www.da.mod.uk](http://www.da.mod.uk)**