

# MARINE CORPS SYSTEMS COMMAND

**EQUIPPING THE WARFIGHTER TO WIN**

## Combat Vehicles Conference Marine Corps Systems Command 21 October 2008



Brigadier General Michael M. Brogan

### Responsibility

#### MCSC

- LAV

- AAV

- Tank

- HMMWV/ECV

- MRAP

Replaced By

Replaced By

Replaced By

Replaced By

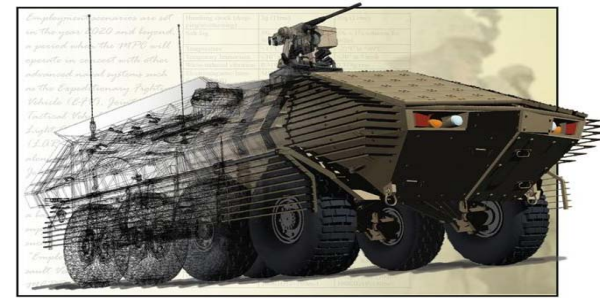
#### PEO LS

- --- ---

- EFV, MPC

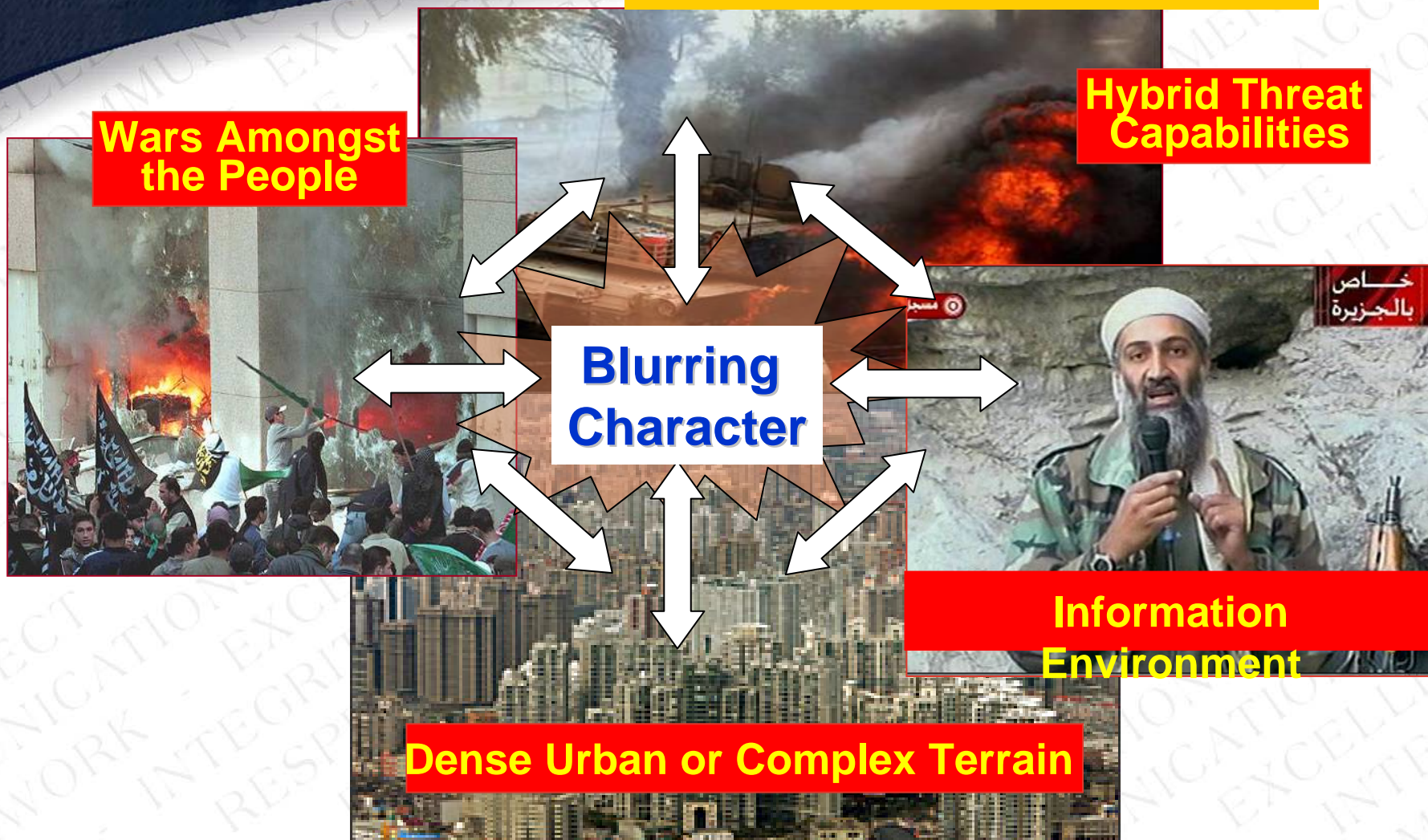
- --- ---

- ?JLTV?





# Complex Operational Environments



**Hybrid threats exploit the complex terrain of the urban littoral to maximize their disruptive capacity**

## *Blurring The Lines*

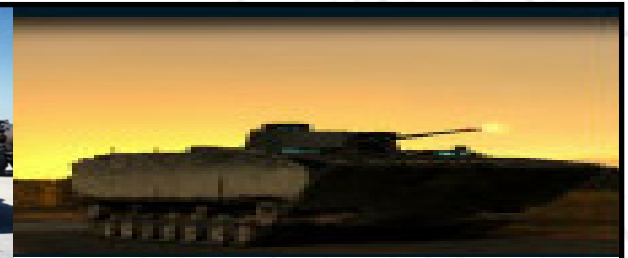
### Combat Vehicles

- LAV
- AAV
- Tank

### Tactical Wheel Vehicles

- HMMWV
- MTVR
- LVS

MRAP







### HMMWV Timeline

Planned fielding  
of JLTV



1984

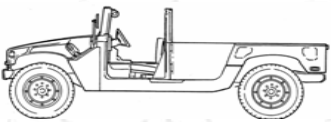
1998

2003

2006

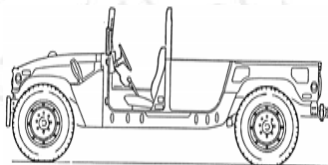
2012

First HMMWV  
Fielded to fleet



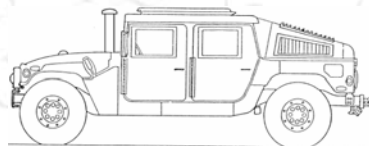
M998 /  
M1038

HMMWVA2  
fielded



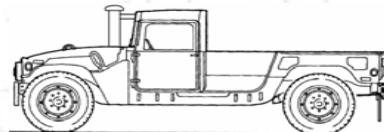
M1097A2

M1114  
fielded



M1114

M1151/M1152  
produced



M1152  
2-dr w/ A/C  
MRC / Shelter or Troop Carrier



M1151  
4-dr w/ A/C  
Armament Carrier



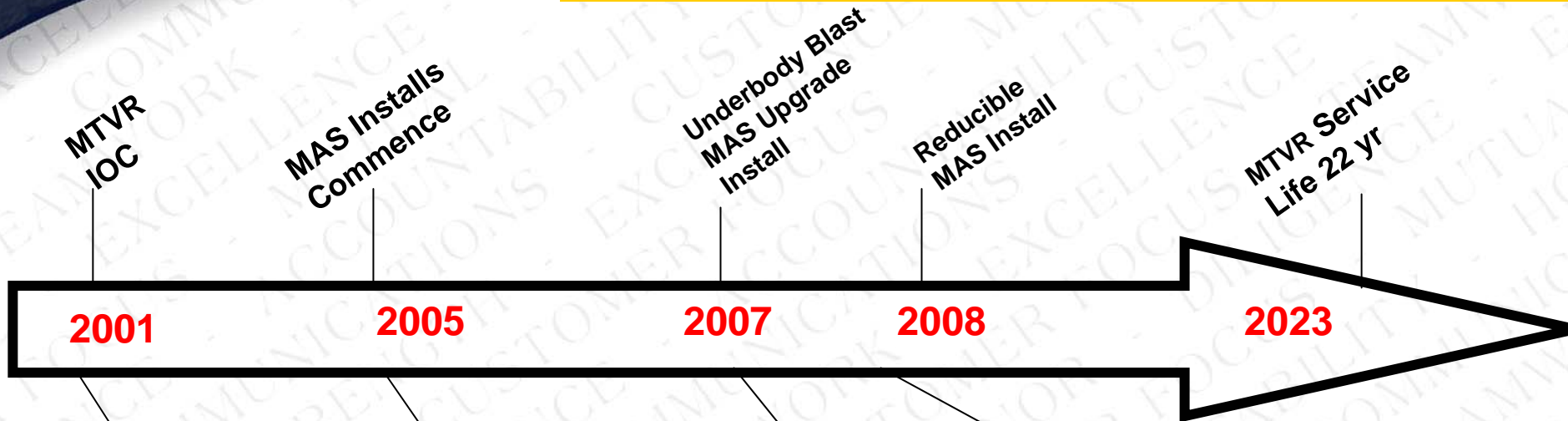
## *HMMWV Today*







# MTVR Armor System Timeline



### MTVR Today





### LVS Timeline

1984

LVS Fielding



1993

LVS A2  
Fielding



2006

LVS MAK I



2009

LVS MAK II



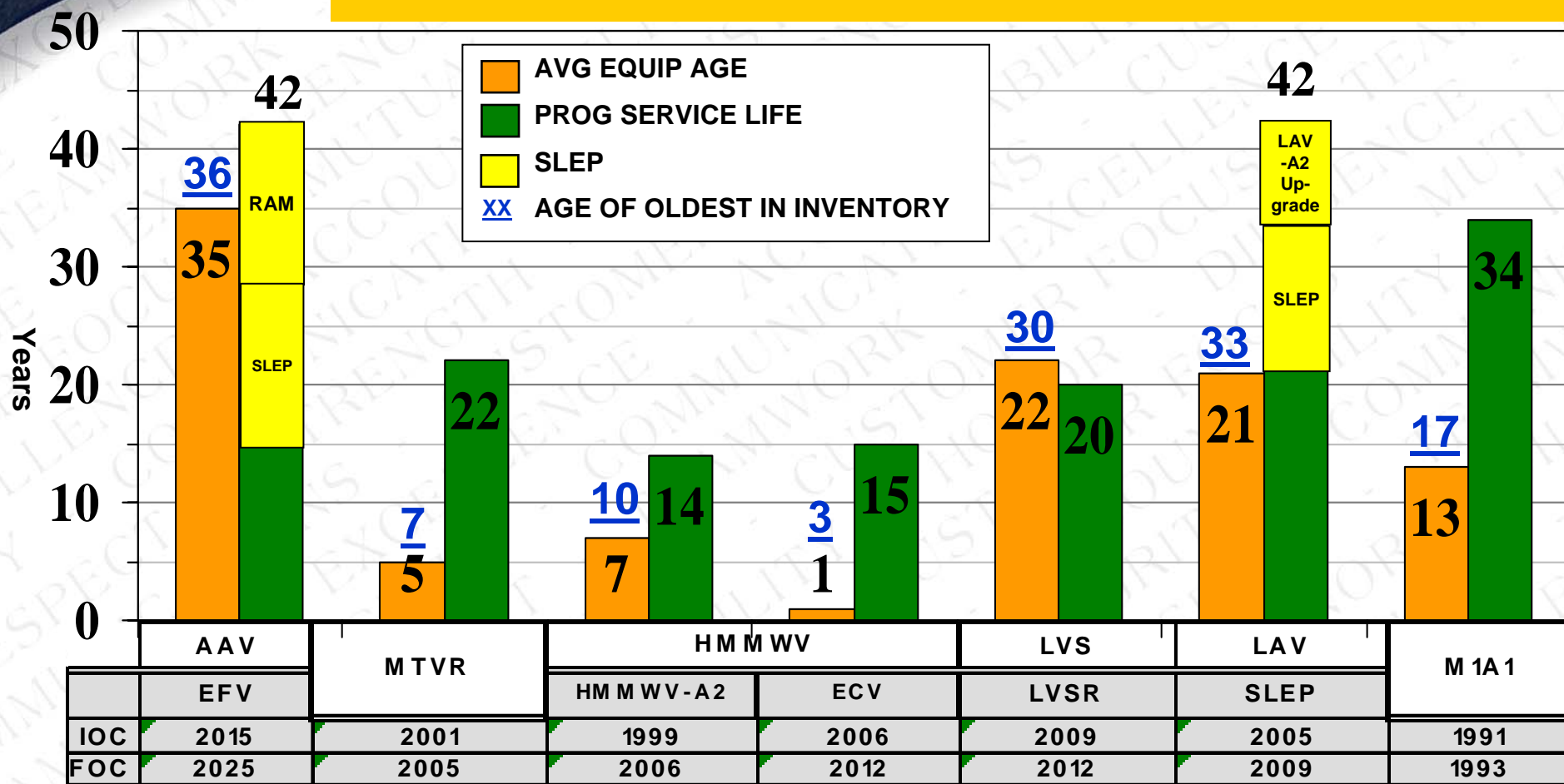
2012

LVSR Fielding





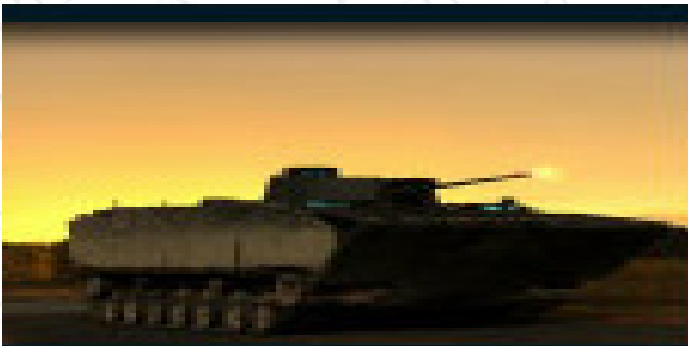
### SELECTED GROUND EQUIPMENT AGING





## Marine Corps Challenges

- Funding
- Timing
- Expeditionary



### Industry Challenge

- Requirements
- Funding
- RAM

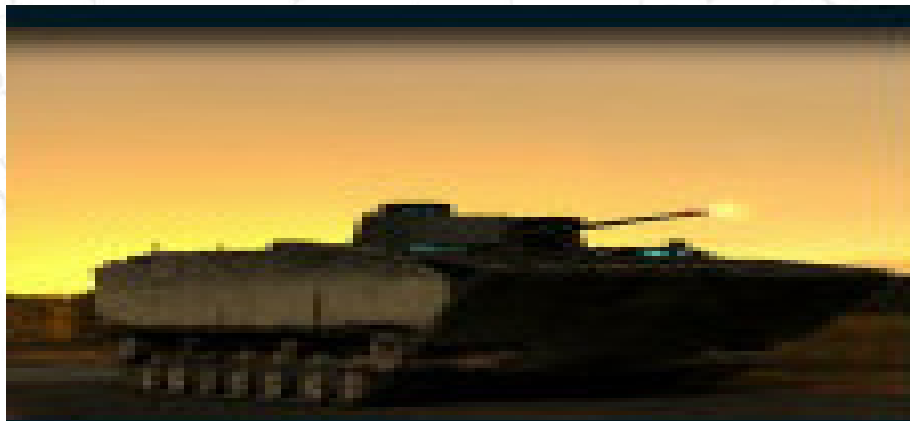








### Questions







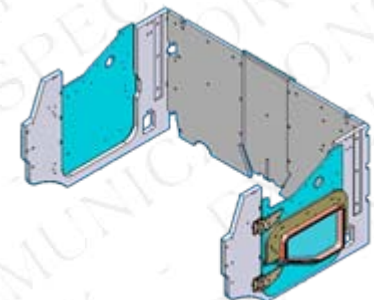
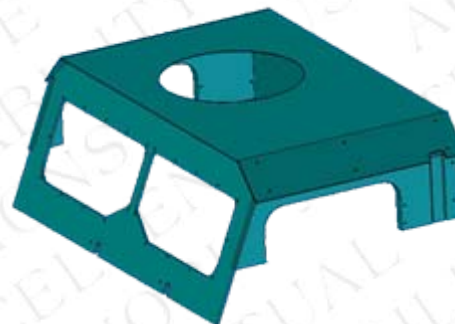
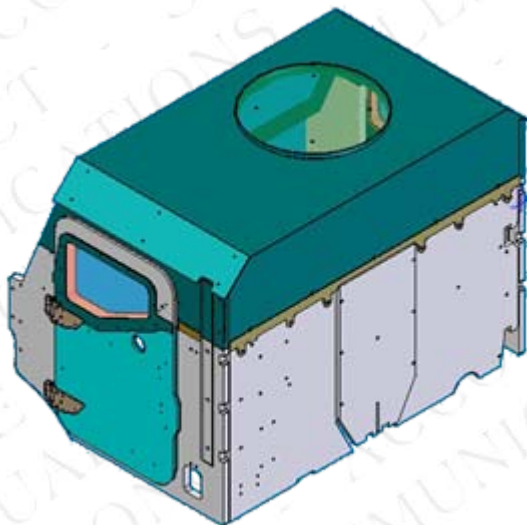
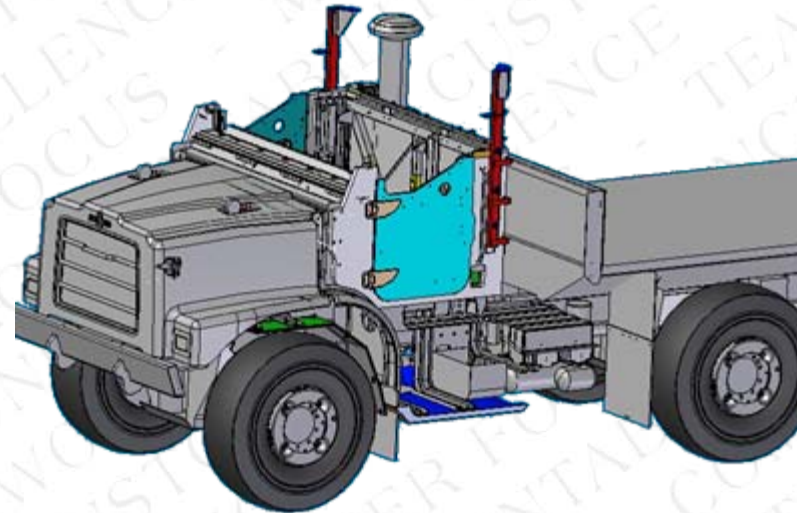
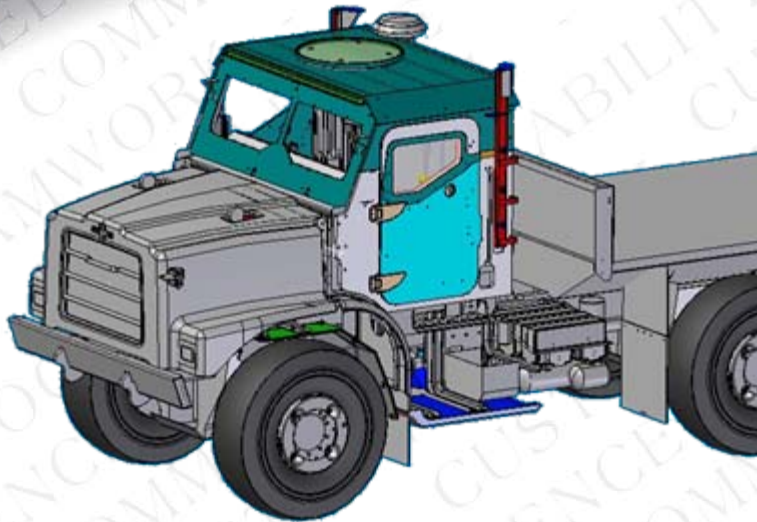
# Back-ups

# MRAP All Terrain Light Combat Vehicle

- Mobility and Protection







UNCLASSIFIED

