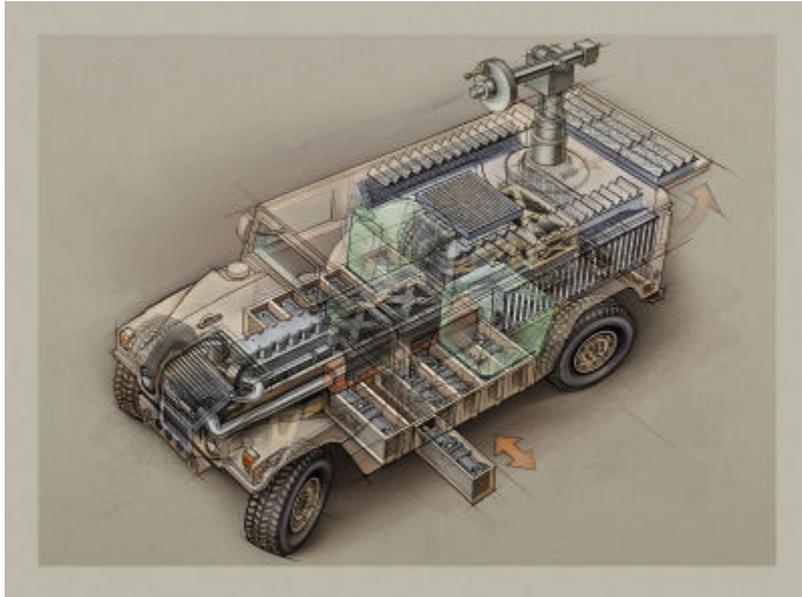


Ultra-3T USMC Vehicle



Objective:

- Design a HMMWV sized vehicle based on high density, high power generation utilizing advanced motive power and vehicle dynamic controls

Payoff:

- Current and future USMC power needs met on the battlefield with a HMMWV sized High Energy vehicle

Technical Approach:

- Conduct assessment & requirement analysis
- Survey innovative technologies including power/propulsion, suspension, frame design/materials, & signature reduction.
- Develop preliminary concepts and design
- Conduct trade-off analyses and detailed design of concept vehicle
- Conduct cost analysis of concept vehicle

Performers: ONR, NSWC/CD, GTRI

Schedule:

TASK	FY03	FY04
PHASE 1A		
Requirements Analysis	▲ — ▲	
Technology Survey	▲ — ▲	
Prelim Concepts/Design	▲ — ▲	
PHASE 1B		
Trade-off Anal/Detailed Design		▲ — ▲
Cost Analysis		▲ — ▲

Transition: MARCORSSCOM