

# Unmanned Systems Technology



## OBJECTIVE:

Investigate, design, develop, & demonstrate advanced, affordable unmanned ground vehicle technologies and system concepts in the areas of C2, mobility, modularity, signature, durability, & survivability

## PAYOFF

Technology maturation and Validation of the USMC Tactical Unmanned Ground Vehicle ORD

## TECHNICAL APPROACH:

- Develop Concept Validation Model (CVM)
- Demo CVM and apply lessons learned
- Perform studies & analysis to support FNC
- Develop preliminary designs (4 Ktrs)
- Develop detailed designs & build Tech Demo Models (TDM) (2Ktrs)
- Demonstrate TDMs and mature tech. to TRL 6
- Transition to JPO for SDD/Production

**PERFORMERS:** LM, CMU, GDRS, SAIC, NSWC/CD, UGV/S JPO, NVESD, SPAWAR, JSC, SPC, TACOM

## SCHEDULE:

TASKS	FY03	FY04
Phase I: Technology Development/Preliminary Design	▲	
Phase II: Refine Designs, Integrated Test, Demo TDMs	▲	▲
Basic Mobility/Scout, Surv. Demo		◆ ◆
UGV P3I/Tech Development		▲
Transition to UGV/S JPO		◆

**TRANSITION:** USMC UGV/S JPO