



**PROGRAM EXECUTIVE OFFICER
LAND SYSTEMS
ADVANCED TECHNOLOGY
INVESTMENT PLAN
2012**



Bottom Line Up Front

The enclosed ATIP identifies and prioritizes the Program's Top Technical Issues within PEO LS with the goal of informing, influencing, and aligning S&T investment to resolve program technical issues and support transition of critical capabilities to the warfighter.

Each Program's Top Technical Issues were vetted through the appropriate S&T Representative, Lead Engineer, Deputy Program Manager, and Program Manager to ensure an accurate representation of their highest priority technology needs.

This 2012 edition of the ATIP includes three new programs: the Assault Amphibious Vehicle (AAV), the High Mobility Multipurpose Wheeled Vehicle (HMMWV), and the Amphibious Combat Vehicle (ACV). Additionally, this ATIP includes one new technology focus area in weight reduction and two focus area name revisions. These revisions include "Common Command, Control, Communications, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) Vehicle Architecture" and "Power/Thermal Management" now referred to as "Open Plug and Play Communications Architecture" and "Intelligent Power and Thermal Management."

The PEO LS ATIP employs a repeatable process focused to inform all key stakeholders of Top Technical Issues within PEO LS Programs with the goal of leveraging available S&T venues to "Focus the Future Faster" for the warfighter.

We welcome comments or suggestions to improve the utility of this plan. Please forward any suggestions or comments to Mr. Mike Halloran, PEO LS Director, S&T at michael.d.halloran@usmc.mil.

Michael D. Halloran
Director, Science & Technology
Program Executive Officer Land Systems