

## PEO LAND SYSTEMS MARINE CORPS

### IT'S ALL ABOUT THE WARFIGHTER

Program Executive Officer (PEO) Land Systems (LS) Marine Corps, located at Marine Corps Base Quantico, Va., is the Corps' only PEO. PEO LS is led by SES John M. Garner, and is tasked with meeting the Warfighter's needs, while partnering with the Marine Corps Systems Command, who is responsible for providing support services to include contracting and technical authorities in order to develop, deliver, and provide life-cycle planning for assigned programs. PEO LS reports directly to the assistant secretary of the Navy for Research, Development and Acquisition ASN (RDA).

PEO Land Systems' concentration of effort is on resources to balance Marine Corps modernization and sustainment of assigned programs.

The monetary value of these programs across the Future Years Defense Program (FYDP) is approximately \$9.7 billion.



**For information on PEO Land Systems:**

[www.marcoresyscom.marines.mil/UnitHome/PEOLS.aspx](http://www.marcoresyscom.marines.mil/UnitHome/PEOLS.aspx)  
or call 703-432-5169

### Mission

**Program Executive Officer Land Systems (PEO LS) will meet the Warfighter's needs by devoting full-time attention to Marine Corps weapon systems acquisition, while partnering with Marine Corps Systems Command, in order to develop, deliver, and provide life-cycle planning for assigned programs.**

### Vision

**To serve as the preeminent focal point and standard bearer for excellence and innovation in major land program acquisition management.**



## PROGRAM EXECUTIVE OFFICER

# LAND SYSTEMS MARINE CORPS



## AMPHIBIOUS COMBAT VEHICLE (ACV)

The ACV program will provide an advanced-generation, armored amphibious combat vehicle to replace the AAV7. The ACV will be the primary means of tactical mobility for the Marine rifle squad. The ACV will possess ground mobility and speed similar to the M1A1 tank during sustained operations ashore and have the capability to provide organic, direct fire support to dismounted infantry in the attack. The ACV will support expeditionary mobility capability and capacity with balanced levels of performance, protection and payload.

## JOINT LIGHT TACTICAL VEHICLE (JLTV)

The JLTV is a joint Army/Marine Corps program to procure the next generation of light tactical vehicles and companion trailers. JLTV will improve the mobility and payload of the light tactical vehicle fleet, while providing increased survivability through modular protection within the weight constraints of the expeditionary force. The joint service program will replace a portion of the Army and Marine Corps HMMWV fleet.

## GROUND/AIR TASK ORIENTED RADAR (G/ATOR)

The G/ATOR is a three-dimensional, expeditionary, short/medium-range multirole radar capable of detecting low-observable, low-radar-cross-section targets such as rockets, artillery, mortars, cruise missiles, and manned and unmanned aerial systems. The G/ATOR is being developed and fielded in three blocks and will be employed by the MAGTF across the range of military operations. The blocks will cover aviation and ground missions and replace three in-service legacy radars as well as fill a capability gap created by two already retired systems. G/ATOR's expeditionary, multirole capabilities represent the next generation in ground radar technology and will provide greater range, detection, and target classification against new and evolving threats.

## UTILITY TASK VEHICLE (UTV)

The UTV is a diesel powered all-terrain vehicle capable of carrying up to two litters for casualty evacuation and a payload of up to 1,500 lbs. The UTV provides an ideal sustainment capability platform for foot-mobile forces and provides the Marine Air Ground Task Force (MAGTF) with a vehicle transportable in MV-22 tilt-rotor aircraft, CH-53E/K, and CH-47 helicopters.

## COMMON AVIATION COMMAND AND CONTROL SYSTEM (CAC2S)

CAC2S will provide a complete and coordinated modernization of Marine Air Command and Control System (MACCS) equipment. CAC2S will eliminate current dissimilar systems with the hardware, software, and facilities to effectively command, control, and coordinate air operations integrated with naval, joint and/or combined C2 units. CAC2S will comprise standardized modular and scalable tactical facilities, hardware and software that will significantly increase battlefield mobility and reduce the physical size and logistical footprint of the MACCS.

## GROUND BASED AIR DEFENSE (GBAD) FUTURE WEAPONS SYSTEMS (FWS)

GBAD FWS is designed to modernize Low Altitude Air Defense Battalions (LAAD Bn), by providing increased capability and lethality to meet evolving and future threats. MADIS will consist of two variants. The MADIS Mk1 includes a turret launched Stinger missile, multi-function EW capability, direct fire weapon, Electro Optical/Infra-Red (EO/IR) optic, and a shoulder fired Stinger missile for dismounted operations. The MADIS Mk2 (C-UAS variant) includes a multi-function EW capability, 360 degree radar, direct fire weapon, EO/IR optic, and supporting C2 communications suite. The Mk1 and Mk2 form a complementary pair and are the basic building block of the LAAD Battalions' GBAD capability.

## GROUND BASED AIR DEFENSE (GBAD) ADVANCED – MAN PORTABLE AIR DEFENSE SYSTEM (A-MANPADS)

A-MANPADS provides close-in, low altitude, surface-to-air fires, and command and control in defense of the MAGTF vital areas. A-MANPADS consists of a Fire Unit Vehicle (FUV), Section Leader Vehicle (SLV), and the Stinger missile as the primary weapon system. The FUV is the mobile firing component of the GBAD system, with the capability to transport Stinger missiles and possessing a turret mounted M-240B/M2 machine-gun. The SLV is the C2 component. Both the FUV and SLV will transition to the JLTV platform.

## ASSAULT AMPHIBIOUS VEHICLE (AAV7A1)

The AAV7, initially fielded in 1972 remains the primary general-support armor personnel carrier (APC) for Marine infantry. The AAV Family of Vehicles (FOV) consists of a personnel, a command and control, and a recovery variant. The AAV FOV will eventually be replaced by the ACV as they come on-line.

## OTHER PROGRAMS UNDER THE PEO PURVIEW INCLUDE:

- HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLE (HMMWV)
- FLATTRACK REFUELING CAPABILITY (FRC)
- MTVR TRAILERS
- COMPOSITE TRACKING NETWORK (CTN)
- MARINE AIR COMMAND AND CONTROL SYSTEMS (MACCS)

## M777 LIGHTWEIGHT 155MM HOWITZER

The M777 (LW155) is a joint Marine Corps/Army program that produced and fielded the 155mm howitzer which provides increased mobility, survivability, deployability, and sustainability in expeditionary operations throughout the world. The program office is located at Picatinny Arsenal, NJ.

## P-19R FIRE TRUCK



P-19 Replacement (P-19R) provides rescue and firefighting capabilities to permanent and expeditionary airfields throughout the Marine Corps. The P-19R provides the MAGTF a critical firefighting capability for airfield operations as well as the ability to augment other facility firefighting resources.

## MEDIUM TACTICAL VEHICLE REPLACEMENT (MTVR)



The MTVR replaced Vietnam-era 5-ton trucks with state-of-the-art commercial automotive technology. The unarmored MTVR has an increased payload of 7.1 tons off-road and 15 tons on-road. There are several variants of the MTVR for different missions. More than 1,000 MTVRs saw service in Iraq and Afghanistan and this platform has been heavily used in contingency operations as well as missions in support of humanitarian operations.

## LOGISTICS VEHICLE SYSTEM REPLACEMENT (LVSR)



The LVSR replaced the LVS heavy-tactical wheeled vehicle. The LVSR cargo variant transports several cargoes: bulk liquids (fuel and water); ammunition; standardized containers; bulk, break bulk and palletized cargo; and bridging equipment. The LVSR features an on-road payload capacity of 22.5 tons and an off-road payload capacity of 16.5 tons. The LVSR has been heavily used in contingency operations as well as missions in support of humanitarian operations.

## MINE RESISTANT AMBUSH PROTECTED (MRAP) VEHICLES

MRAPs are heavily armored vehicles that provide protected mobility from Improvised Explosive Devices (IEDs), small arms fire, and other explosive threats. The MRAP Family of Vehicles (FOV) is composed of three variants, the M-ATV, the Cougar, and the Buffalo.