

PORTFOLIO
ACQUISITION
EXECUTIVE
MMARINE
CCORPS



**Amphibious
Combat Vehicle**

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PROGRAM MANAGER ADVANCED AMPHIBIOUS ASSAULT (PM AAA) OVERVIEW

Mission

Provide and support amphibious combat capabilities that enable our Marines to win.

Program Description

- ▲ Full replacement for the legacy AAV in the Marine Division's Assault Amphibian Battalions
- ▲ Maneuvers the surface assault elements of the landing force and their equipment from assault shipping during amphibious operations
- ▲ Provides support to seven standing MEUs and Force Design
- ▲ A Family of Vehicles program comprised of four variants:
ACV-Personnel, ACV-Command & Control, ACV-30mm Cannon, and ACV-Repair & Recovery

Program Status

Acquisition Phase: Production and Deployment Phase including design and development efforts

Capabilities:

- ▲ Ship-to-Shore from 12 nm

Risks/Opportunities:

- ▲ Continue to improve platform effectiveness through reliability and capability improvements

Key Events & Focus Areas

- ✓ 13 Nov 20: Initial Operating Capability (IOC) – P Variant
- ✓ 8 Dec 20: Full Rate Production Decision
- ✓ 8 Oct 24: IOC – Command & Control Variant
- ✓ 19 Sep 24: Fielded Driver's Training System
- 3QFY28: IOC – 30mm Cannon Variant
- 4QFY28: IOC – Repair & Recovery Variant



AMPHIBIOUS COMBAT VEHICLE FoV

Base Vehicle



General Support Lift for Embarked Infantry / Protected Water & Land Mobility

- ▲ IOC achieved 13 Nov 20
- ▲ Fielded 150
- ▲ Fielding improvements to resolve top readiness drivers (shocks, brakes, Central Tire Inflation System)

Engineering Change Proposals (ECP) to the Base Vehicle



Tactical-Echelon Command Post for Regiment / Battalion Stationary / On the Move Comm

- ▲ Completed Follow-on Operational Test & Evaluations (FOT&E) Jan – Feb 22
- ▲ Production began FY22
- ▲ IOC achieved 8 Oct 24
- ▲ Fielded 21 ACV-Cs



Optimized for Infantry Support and Lethality to Destroy Adversary Armored Vehicles

- ▲ Completed Developmental, Operational and Live Fire Test & Evaluation (DT&E/OT/LFT&E)
- ▲ AAO change from 175 to 152
- ▲ Production of FRP Lot 5 began 4QFY25 (All production lots awarded for 151 ACV-30s (a PRTV will be refurbished to achieve 152 AAO)
- ▲ Turret Lots 5 and 6 awarded Aug 25 and Dec 25
- ▲ IOC planned 3QFY28



Provides Field Maintenance, Recovery, and Limited Repair

- ▲ ACV-R PRTV-R1 and PRTV-2 for DT and LFT&E
- ▲ ACV-R PRTV-R3 for West Coast DT
- ▲ FRP Lot 6 of production starts 4QFY26
- ▲ IOC planned 4QFY28

ACV Variants (AAO = 608)



PM AAA – AREAS WHERE INDUSTRY CAN HELP

- ▲ Kinetic / Non-Kinetic C-UAS
- ▲ Dehumidification
- ▲ Laser Protection
- ▲ Environmental Control Systems Improvements
- ▲ Light Weighting
- ▲ Water Mobility / Propulsions
- ▲ Situational Awareness
- ▲ Active Protection Systems
- ▲ Direct Energy Weapons
- ▲ Overhead Protection
- ▲ Signature Management/ Mobile Camouflage
- ▲ Wheel/Tire Improvements/Lightweight Run Flats
- ▲ System Safety Enhancements (i.e., Emergency Egress, AFES)





PM AAA – OPPORTUNITIES

| TITLE | PLANNED RFP |
|--|------------------|
| PM AAA Weekly Industry Technical Exchange | Tuesday (Weekly) |
| Amphibious Combat Vehicle (ACV) Maneuver Improvements SBIR | 3QFY26 |
| PM AAA Industry Day | 3QFY26 |
| PMO Support | 3QFY27 |

- ▲ Continue to work with PM AAA to take advantage of opportunities as we follow the below Modernization Strategy Solutions
 - Review prioritization yearly and adjust scoping as required based on system requirements, needs statements, and regularly scheduled modernization.
 - Compile product information relevant to readiness drivers, improved performance, advancing technology, urgent needs, and countering evolving threats. Get involved with Tuesday Industry Meetings, PM AAA Industry Day, and ACV Technology Demonstrations.
 - PM AAA utilizes compiled information to conduct initial market survey to create an informed RFI
 - FY27 – Anticipate focused RFI's based on modernization areas of focus
 - Define acquisition approach informed by RFI responses and S&T developments leading to initial RFPs in FY27/28
 - Development to start in FY28

QUESTIONS?



EQUIPPING OUR



WARFIGHTERS