

BAE SYSTEMS

INSPIRED WORK



Amphibious Combat Vehicle (ACV) 1.1

BAE Systems' offering for the Amphibious Combat Vehicle (ACV) 1.1 program represents the optimum balance of sea and land mobility, survivability and payload.

Designed as an amphibious vehicle with open-ocean ship launch and recovery capability, the ACV 1.1 is flexible and highly mobile with capacity for 13 embarked Marines plus a crew of three.

Sustainable, networked and well-protected for all operating environments, it complements the

capabilities of the Assault Amphibious Vehicle (AAV) and the Joint Light Tactical Vehicle (JLTV).

Mobility – The ACV 1.1 is a true, no-compromise 8x8 amphibious platform and features the proven IVECO unique H-Drive System to provide full time all-wheel traction both on land and in

the surf zone. 16R20 tires are common to Marine Corps' MTRV fleet.

Survivability – A blast resistant hull and energy absorbing seats are key elements of the ACV 1.1 survivability solution that delivers superior mine, improvised explosive device (IED), kinetic energy (KE), and overhead protection. An Automatic Fire Suppression System is also included.

IVECO
DEFENCE VEHICLES



Specifications

Gross vehicle weight	67,500 lbs 30,617 kg
Payload	Up to 7,280 lbs/3,302 kg
Personnel capacity	13 + 3 crew
Speed	
Paved road	>65 mph/105 km/h
Open ocean	6 knts
Range on road at 55MPH/89KPH:	Up to 325 miles/ 523 km
Range at sea followed by land:	Up to 12NM followed by 250+ miles on land
Turning radius	36 foot curb to curb turning radius
Side slope	>30%
Gradient	>60%
Overall length	350 inches/8.9 m
Width	124 inches/3.1 m
Height (hull)	113 inches/2.8 m
Capable of operating in conditions up to Sea State 3 and through a nine foot plunging surf	



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