Ground Weapons Locating Radar (GWLR)

DESCRIPTION

GWLR will provide critical target acquisition capabilities to the MAGTF commander. GWLR will provide the MAGTF commander with an all-weather, 24-hour target-acquisition system capable of detecting mortars, artillery and rockets at ranges from 3 kilometers to greater than 50 kilometers. GWLR will be capable of supporting the broad spectrum of offensive and defensive operations, and will interface with the Advanced Field Artillery Tactical Data System within the Fire Direction Center.

OPERATIONAL IMPACT

Ground Weapons Locating Radar will provide the Marine Corps with a quantum leap in its ability to locate enemy mortar-, artillery-, or rocket-firing positions, leading to a significant increase in the number of destroyed enemy assets and personnel. GWLR will increase detection range, accuracy, weapon-type classification, and deployability over that of currently fielded counter-battery radar systems.

PROGRAM STATUS

The GWLR acquisition strategy is phased to provide a near-term interim capability and a long-term system solution capable of meeting GWLR requirements. The program is currently in the user-needs and technological opportunity research stage. A decision to commence concept and technology development (Milestone A) is being pursued in FY 2003. A two-system interim capability is scheduled to be delivered in FY 2007.

PROCUREMENT PROFILE:	FY03	FY04
Quantity:	*0*	*various*

DEVELOPER/MANUFACTURER
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