

# Improved Position and Azimuth Determining System (IPADS)

## DESCRIPTION

The IPADS is a HMMWV-mounted precision survey system. It is a replacement for the currently fielded AN/USQ-70 Position Azimuth Determination System (PADS). The IPADS will consist of an inertial navigation system and a digital communications device. The IPADS will employ current technologies that will provide highly precise survey data. Survey data will be passed instantly through a digital link to artillery battalions and firing batteries.

## OPERATIONAL IMPACT

IPADS will increase the Marine Corps' ability to place lethal and accurate artillery fires on the enemy and minimize collateral damage. IPADS will provide the artillery community with improved inertial survey capability needed to deliver accurate fires on target.

## PROGRAM STATUS

The program is currently in system development and demonstration.

<b>PROCUREMENT PROFILE:</b>	<b>FY03</b>	<b>FY04</b>
<i>Quantity:</i>	0	0
<b>DEVELOPER/MANUFACTURER</b>	TBD	