

Countermine

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

Provides Soldiers and maneuver commanders with a full range of countermine capabilities, plus immediate solutions to counter improvised explosive devices (IEDs) and other explosive hazards, allowing the maneuver commander to achieve assured mobility on the battlefield.

DESCRIPTION

The Countermine product line comprises several different systems:

- The **AN/VSS-6 Husky Mounted Detection System (HMDS)** is a ground-penetrating radar that upgrades the Vehicle Mounted Mine Detection (Husky) platform with the capability to detect and mark buried, low metal, and metallic-cased IEDs and anti-tank landmines.
- The **Vehicle Optics Sensor System (VOSS)** is a multisensor camera system that allows route-clearance and explosive ordnance disposal (EOD) Medium Mine Protected Vehicles (MMPV) the capability for on-the-move detection of IEDs.

- The **Interrogation Arm** provides route-clearance MMPVs the capability for mechanical standoff interrogation of suspected IEDs.
- The **AN/PSS-14 Mine Detecting Set** is a handheld multisensor mine detector.
- The **Area Mine Clearance System (AMCS)** is a flail system that destroys all types of landmines.
- The **Autonomous Mine Detection System (AMDS)** will detect, mark, and neutralize hazards from a small, robotic platform.

SYSTEM INTERDEPENDENCIES

Other Major Interdependencies
AMDS, HMDS

PROGRAM STATUS

- **Current:** AN/VSS-6 HMDS, VOSS, and IED Interrogation Army Joint Urgent Operational Needs (JOUNS) production and fielding continues in support of overseas contingency operations
- **Current:** AN/PSS-14 and MTRS full-rate production and Army-wide fielding continues through FY14

PROJECTED ACTIVITIES

- **4QFY11:** AMCS Production Decision
- **4QFY12:** VOSS Milestone C
- **2QFY13:** AMDS Milestone B
- **2QFY13:** HMDS Milestone B
- **2QFY14:** HMDS Milestone C
- **2QFY14:** VOSS Full-Rate Production

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Countermine

FOREIGN MILITARY SALES

IED Interrogation Arm:

Netherlands

VOSS:

Canada

AN/VSS-6 HMDS:

Canada

CONTRACTORS

AN/PSS-14:

L-3 CyTerra Corp. (Waltham, MA;
Orlando, FL)

VOSS:

Lockheed Martin Gyrocam Systems LLC
(Sarasota, FL)

IED Interrogation Arm:

FASCAN International (Baltimore, MD)

HMDS:

NITEK (Sterling, VA)

AMCS:

A/S Hydrenna (Denmark)

