

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 rapid acquisition system developed to support multiple Joint Urgent Operational Needs (JUONS). It is a ground penetrating radar (GPR) that provides the Vehicle Mounted Mine Detection (Husky) platform with the capability to detect and mark buried, low-metallic, and metallic-cased explosive hazards and their trigger mechanisms.
- The HMDS Program of Record (POR) enhances the JUONS GPR capability and adds both a deep buried detection sensor and semi-autonomous control capability.

- The AN/PSS-14 Mine Detecting Set is a POR hand held multi-sensor mine detector undergoing significant enhancements beginning in FY13.
- The VMR-2 Minehound is a rapid acquisition hand held multi-sensor explosive hazard detector developed to support multiple JUONS.
- The DSP-27 is a rapid acquisition hand held IED detection system developed to support multiple JUONS.
- The VMC-1 Gizmo is a rapid acquisition hand held metal detector developed to support multiple JUONS.

SYSTEM INTERDEPENDENCIES

In this Publication

None

Other Major Interdependencies

Mine Resistant Ambush Protected (MRAP) Vehicle (Husky)

PROGRAM STATUS

- **Current:** The AN/VSS-6 HMDS (JUONS), VMR-2 Minehound, DSP-27, and VMC-1 Gizmo are fielded in support of Overseas Contingency Operations
- **1QFY12:** The Product Management Office transitioned the Area

Mine Clearance System and the Interrogation Arm products to Program Executive Office Combat Support and Combat Services Support

- **2QFY12:** The Vehicle Optics Sensor Suite product transitioned to Program Executive Office Intelligence Electronic Warfare and Sensor
- **2QFY12:** The HMDS POR acquired a Materiel Development Decision and is preparing for a request for proposal in 4QFY12
- **4QFY12:** The AN-PSS-14 is undergoing an Engineering Change Proposal to add improvised explosive hazard detection capabilities

PROJECTED ACTIVITIES

- **2QFY13:** HMDS POR Increment A Milestone B
- **3QFY14:** HMDS POR Increment B Milestone B
- **4QFY14:** HMDS POR Increment A Milestone C
- **4QFY15:** HMDS POR Increment A Full-rate production (FRP)

ACQUISITION PHASE

Technology Development	Engineering & Manufacturing Development	Production & Deployment	Operations & Support
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Countermine

FOREIGN MILITARY SALES

AN/VSS-6 HMDS:

Australia, Canada

CONTRACTORS

AN/PSS-14:

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

AN/VSS-6 HMDS (JUONS):

NIITEK (Sterling, VA)

VMR-2 Minehound and VMC-1 Gizmo:

Vallon GmbH (Germany)

DSP-27 Goldie:

Gill Technology (United Kingdom)

