**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

- **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)
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)