



Naval Criminal Investigative Service

SWFO Criminal Intelligence Brief

MCIB-002-071-2014
12MAR14

Diversion and Illegal Sales of Restricted USG Optical Systems (U//FOUO)

Executive Summary

(U//FOUO) In 2009, the U.S. Navy began administering a program to equip warfighters with deployment kits containing devices using advanced technologies for countering improvised explosive devices (IED) and related threats. Items in the deployment kits are NOT for civilian use and are controlled under the *International Traffic in Arms Regulations (ITAR)* 22 CFR 120-130 and are Commerce Department List-controlled. Some of this advanced hardware has been reported as missing and is actively being sold on the global market on a variety of websites. NCIS asks for your help in identifying and recovering these items to keep foreign entities from exploiting the technologies in these devices and using them against the U.S. military, NATO allies, or civilian law enforcement personnel during the course of their duties.

Introduction

(U//FOUO) In 2009, the U.S. Navy Space and Naval Warfare (SPAWAR) Systems Center Pacific (SSC-PAC) in San Diego, California, began administering a \$750M program to equip warfighters with advanced technology for countering improvised explosive devices (IED) and related threats. The program, designated RCOS/KEYHOLE, is funded under the Department of Defense (DoD), Joint Improvised Explosive Device Defeat Organization (JIJEDDO). SSC-PAC (where advanced technologies including thermal optic imaging systems are researched and tested) assembled user-specific deployment kits tailored to the specific combat mission of DoD units deploying to locations around the world. In all, more than 32,000 pieces of equipment were issued. Some kits are still in use, making it difficult to compile a precise inventory of what was issued and what might be missing. Items in the deployment kits are NOT for civilian use and are controlled under the *International Traffic in Arms Regulations (ITAR)* 22 CFR 120-130 and are Commerce Department List-controlled.

(U//FOUO) Since 2009, some of this advanced hardware has been reported as missing and is actively being sold or discussed on the global market on a variety of websites including: craigslist.org; armslist.com; gunbroker.com; ebay.com; willsoptics.com; reachoo.com; forum.snipershide.com; longrangehunting.com; calguns.net; ar15.com; lionseek.com; texasguntalk.com; sportfishermen.com. Items have been marketed as sporting goods; hunting equipment; bird-watching equipment and camping supplies.

(U//FOUO) NCIS and the FBI have opened investigations resulting in the successful recovery of several items from military and civilian personnel throughout the U.S. Some investigations resulted in punitive action. These investigations also determined the loss and theft of advanced

technologies intended to give U.S. military personnel tactical advantage on the battlefield was due to poor accountability controls by many of the military units who were issued the gear. Recovery of these items will reduce the likelihood that foreign entities can exploit the technologies and use these or similar devices against the U.S. military, NATO allies, or civilian law enforcement personnel during the course of their duties.

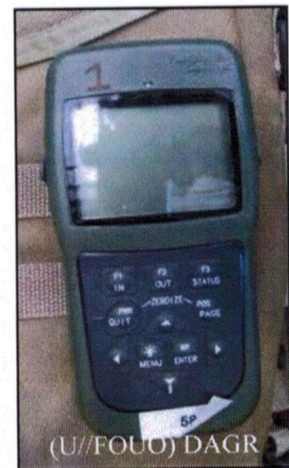
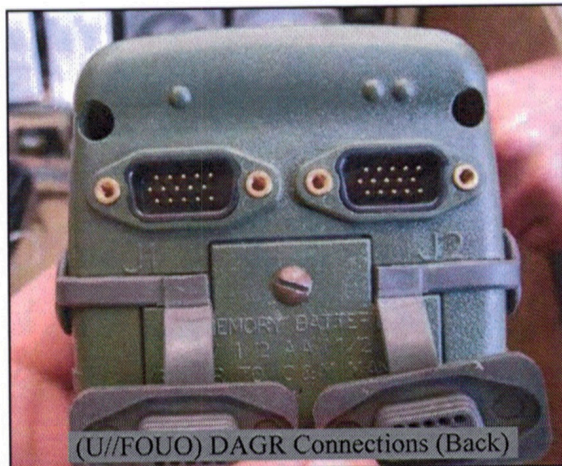
(U//FOUO) Varying quantities of the following items are known to be missing.

- Defense Advanced GPS Receiver (DAGR)
- OASYS-BAE Systems – Universal Thermal Monocular (UTM) “StalkIR”
- Vectronix Long Range Thermal Video (LRTV)
- Pocket Laser Range Finder (PLRF)
- Universal Thermal Clip-on (UTC)
- OASYS Micro-Thermal Mono-Sight “SkeetIR”
- Universal Thermal Binocular (UTB)
- Clip-on Night Vision Device-Thermal (CNVD-T)

(U//FOUO) Representative photos of these missing items appear on following pages.

Defense Advanced GPS Receiver (DAGR)

(U//FOUO) Secure (Encrypted) GPS. Works w/ LRTV & PLRF-15C LRFs to give target location measurements.



OASYS-BAE Systems - Universal Thermal Monocular (UTM) “StalkIR”

(U//FOUO) Short and intermediate range thermal imager, white and black hot, edge detect, IR and visible lasers, thermal camera. Weapon and helmet mountable.



Vectronix Long Range Thermal Video (LRTV)

(U//FOUO) White and black hot, long range thermal detection, thermal camera, day video, laser range finder, laser pointer, GPS.



(U//FOUO) LRTV View Finder



(U//FOUO) LRTV Front View (Lenses)



(U//FOUO) LRTV Top View



(U//FOUO) LRTV Bottom Detail



Battery Removed

(U//FOUO) LRTV Bottom View

Pocket Laser Range Finder (PLRF)

(U//FOUO) PLRF-15 includes secure GPS, works with LRTV and PLRF-15C laser range finders to give target location measurements.



(U//FOUO) PLRF-15



(U//FOUO) PLRF-25C

(U//FOUO) PLRF-25C includes digital magnetic compass, inclinometer, fall-of-shot indirect fires corrections.

Universal Thermal Clip-on (UTC)

(U//FOUO) Intermediate and long range thermal imager for use in front of sniper scopes and powered optics. White and black hot, edge detect, thermal camera. Weapon mountable.



(U//FOUO) UTC Left Side



(U//FOUO) UTC Right Side



(U//FOUO) Universal Thermal Clip-on (UTC)



(U//FOUO) UTC Bottom (Detail)



(U//FOUO) UTC Top (Detail)

OASYS Micro-Thermal Mono-Sight "SkeetIR"

(U//FOUO) Short and intermediate range thermal imager, white and black hot, edge detect, IR laser, thermal camera. Weapon and helmet mountable.



(U//FOUO) "SkeetIR" Top



(U//FOUO) "SkeetIR" Serial Location



(U//FOUO) Micro-Thermal Mono-Sight "SkeetIR"

Universal Thermal Binocular (UTB)

(U//FOUO) Long-range thermal binocular, white and black hot, edge detect, IR and visible laser, thermal camera.



(U//FOUO) Universal Thermal Binocular (UTB)



(U//FOUO) UTB Field Kit

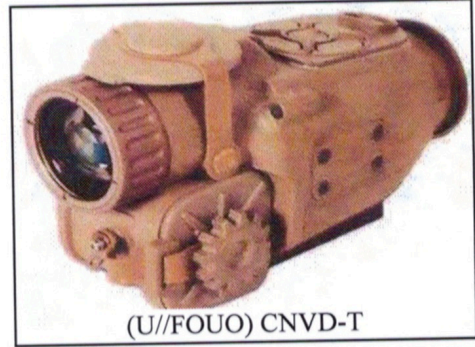


Serial Location

(U//FOUO) UTB Bottom

Clip-on Night Vision Device-Thermal (CNVD-T)

(U//FOUO) White and black hot thermal imager, short to intermediate range, weapons mountable, can be used in conjunction with other weapon systems.



(U//FOUO) CNVD-T

Feedback

(U//FOUO) To report information about the recovery or sale of these items, call one of the phone numbers listed below and say you have information regarding "RCOS/KEYHOLE."
NCIS, San Diego CA: (619) 556-1364; or NCIS Toll Free: (800) 278-9914.

(U) FEEDBACK: Other questions, comments, and/or requests for additional information may be directed to the NCIS Southwest Field Office, Steve Sheldon, Intelligence Specialist, steve.sheldon@navy.mil, 619-556-1106.