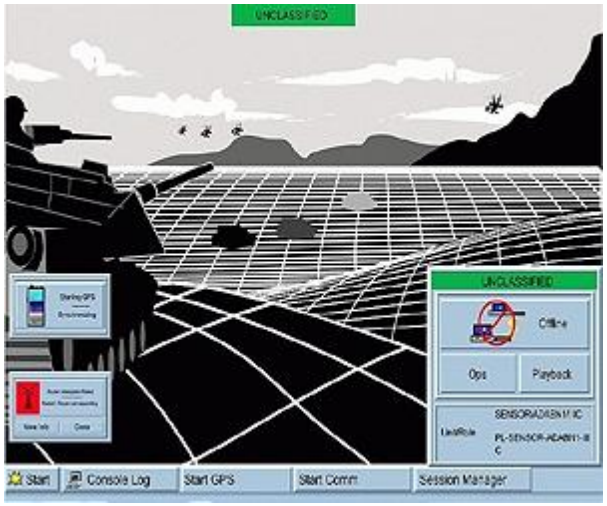
(U) Red Dot Familiarization Package

Classified By: 312955
Declassify On: 20380114
Derived From: INCG 1.0, 13 February 2012
RED DOT SCG 10 January 2013

(U) Agenda

- (U) FBCB2
- (U) RED DOT Introduction
- (U) Symbols
- (U) Confidence Level of IED Detection
- (U) Hook Dialogue Display
- (U) Talking Points
- (U//FOUO) Icon Close Out Procedures
- (U) In The News
- (U) Points of Contact
- (U) Questions

(U) FBCB2 and RED DOT



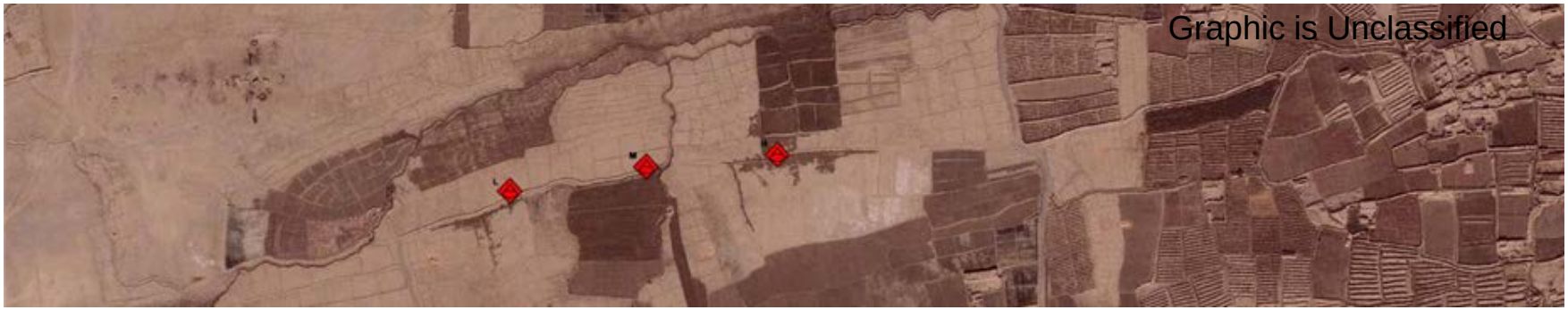
- (U) Force XXI Battle Command Brigade and Below (FBCB2) links communication devices, sensors, vehicles, rotary-wing aircraft and weapons platforms in a seamless digital network to provide a clear, continuous and common picture of the battlefield.
- (U) Most FBCB2 systems communicate via a satellite-based network; about 30 percent use the Enhanced Position Location Reporting System (EPLRS), tactical radio network.

(U) What is Red Dot

- (U) RED DOT was developed to provide a means to quickly and seamlessly pass indications and warnings for IED signatures to tactical vehicles at the UNCLASSIFIED security level via the FBCB2.

- (U) RED DOT also delivers the same indications and warnings for IED signatures to TOC, JOC, or operations centers at a CLASSIFIED level via Google Earth, providing higher amplifying information.

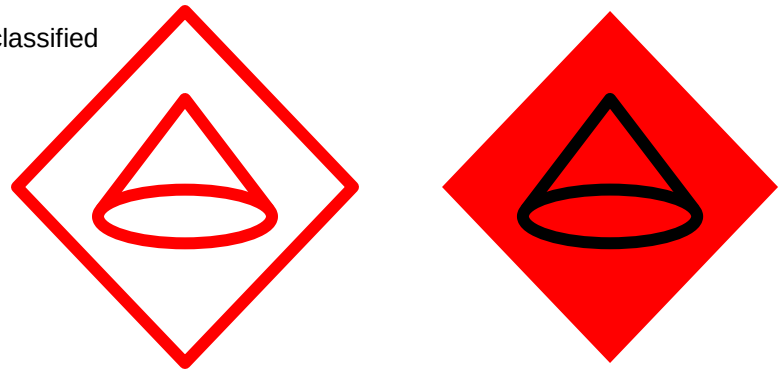
- (U) The RED DOT console is operated from multiple locations throughout the CENTCOM AOR.



(U) Symbols

(U) Once intelligence is received and transmitted by a RED DOT operator, a standard “booby trap” icon is displayed in FBCB2-BFT in all combat vehicles, TOC kits, vessels, and Aircraft throughout the CENTCOM AOR.
The “booby trap” icon is (seen below) is displayed in a live RED DOT feed within SIPR Google Earth on your BFT display screen.

Graphics are Unclassified



** display may vary by device

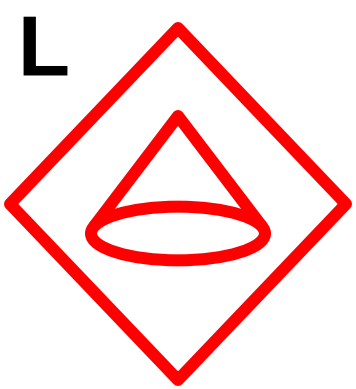
(U) This icon will help you locate suspected Improvised Explosive Devices (IED) sites and other locations suspected of enemy activity before reaching that location.

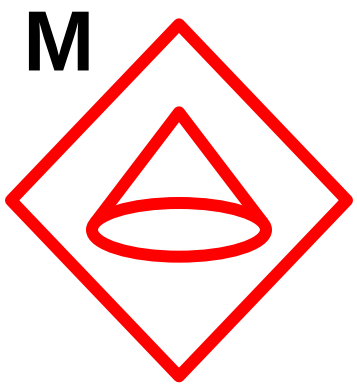
(U) Boobytrap - Operational Terms & Graphics FM 1-02, pg 9-6

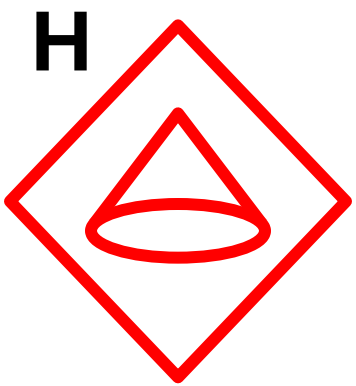
(U) Confidence Level of IED Detection

- (U) The Red Dot System is designed to enhance and increase detection of IEDs, and is not designed to replace your eyes on the battlefield.

- (U) The Booby Trap icon will appear on the SIPR Google Earth KML feed with a small L, M or H next to it. This is to indicate the confidence level (Low, Medium, High) on the presence of an IED. ******The Low, Medium, High confidence level will NOT appear on the FBCB2-BFT display******

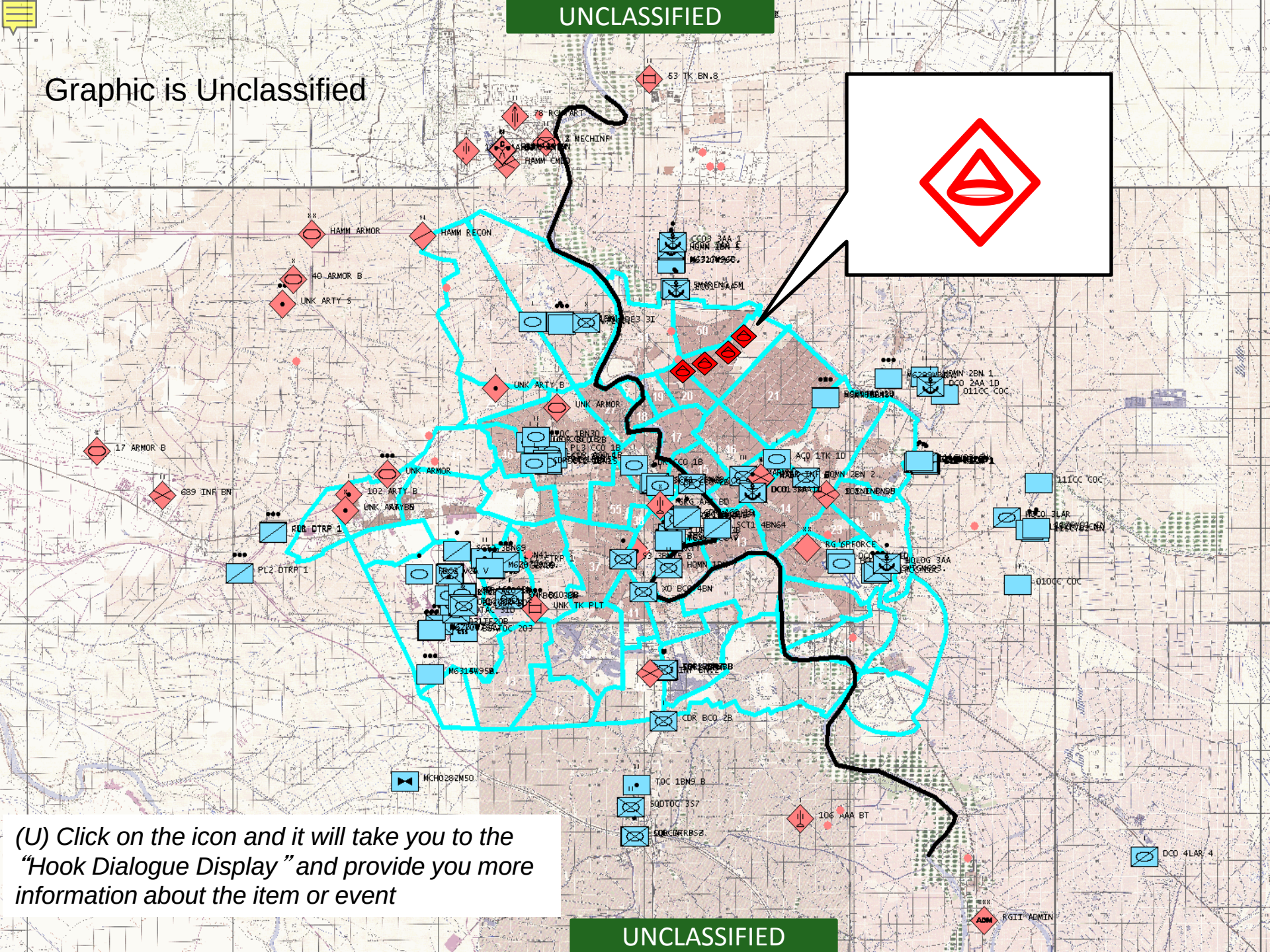






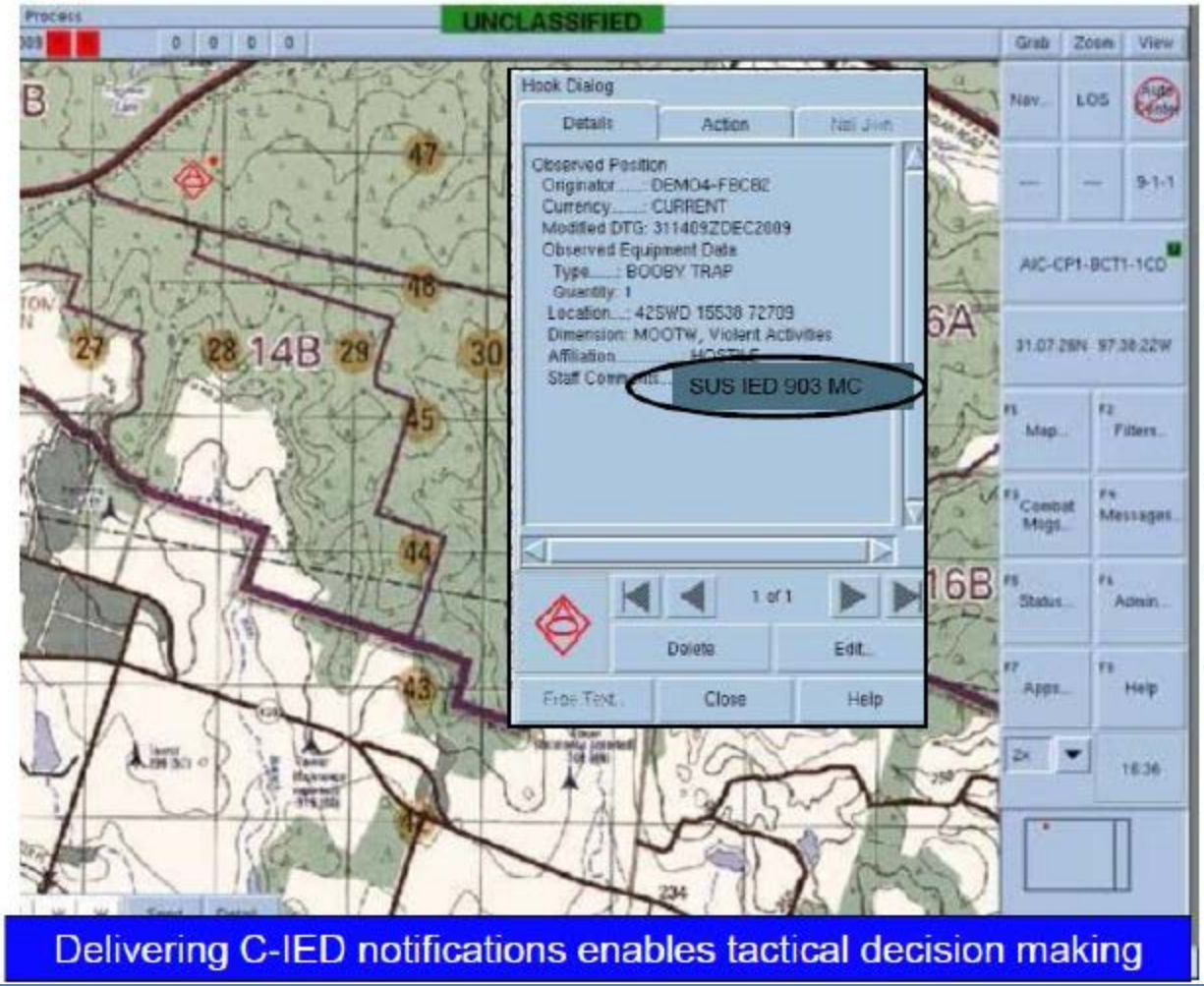
Graphics are Unclassified

Graphic is Unclassified



(U) Click on the icon and it will take you to the "Hook Dialogue Display" and provide you more information about the item or event

(U) Hook Dialogue Display



Graphic is Unclassified

- "booby trap" icon placed on map
- Minimal amplifying data
  - L, M, H confidence
  - Cross reference to GE KML for additional info
- 48 hr standard Time to Life (TTL)
- Broadcast within 30 seconds of TRANSMIT
- UNCLASSIFIED message

(U) SIPR Google Earth KML Icon display

(U) The operator can click the icon on SIPR Google Earth to display amplifying information that includes:

1. (U) IED number assigned by RED DOT

2. (U) Serial number: (Usually 6-8 digits) used by the intelligence community

3. (U) MGRS and LAT LONG

4. (U//FOUO) TOI (time of intercept)

5. (U) Text block that includes a detailed description of the suspected IED signature activity at that location

(U) Talking Points

- (U) Regardless of confidence level – a booby trap icon is disseminated to a point on the ground where a suspected IED may exist.
- (U) It is the GROUND COMMANDERS responsibility to take whatever action deemed appropriate to deal with booby traps populated in their battle-space.
- (U//FOUO) RED DOT Operators monitor the “cied_afg” mIRC chat room, the RED DOT Console, SIPR Google Earth, and FBCB2-BFT terminals to ensure all booby trap items are continuously broadcast. These same operators can also remove the icons.
- (U//FOUO) Battlespace owners can also remove the icons. The icons will remain in the system for a time determined by the division-level command. The icon remains in the system for up to 30 days unless a Closeout Report is issued in the “cied_afg” mIRC chat room.
- (U//FOUO) RCP or ground units can also remove icons through the SIPR mIRC C-IED chatroom

(U//FOUO) Icon Closure Procedures

- (U//FOUO) As directed by unit procedures or SOPs following clearance of a suspected IED location, the unit simply types into the “cied_afg” mIRC chat room:

CLOSEOUT / SERIAL NUMBER / REASON and DESCRIPTION FOR CLOSEOUT

Example is U//FOUO

Example: CLOSEOUT / OCD FFF / Found and Cleared 2 PPIED with 25 lbs HME

- (U//FOUO) Note the serial number used here is the one found in the Google Earth KML assigned and used by the intelligence community.
- (U//FOUO) This is not the 3 digit IED number assigned by RED DOT.
- (U) Once the Closeout Report is entered, the booby trap icon will disappear from FBCB2-BFT terminals and from the RED DOT Live KML in Google Earth.
- (U) RED DOT operators can periodically extract performance data from the RED DOT console and provide this to battlespace owners for analysis and assessments of intelligence sources.

(U) RED DOT / In the News

Satellite Spy Office Turns 50, Kee

Published September 16, 2011

| Associated Press

AP

April 14: An Atlas 5 rocket blasts off at 9:24 p.m. (PDT) fr
a National Reconnaissance Office satellite into orbit.

WASHINGTON – As it turns 50, the ultra-secretive National Re
casting its spy satellites on new enemies, from al Qaeda bomb

The NRO was founded during the Cold War
against communism. Today it operates satellites to spot
deadliest weapon in America's latest war. The NRO still

CURRENT NEWS

EARLY BIRD

September 16, 2011

12. Ultrasecret Satellite Spy Shop NRO Turns 50
(Yahoo.com)...Kimberly Dozier, Associated Press
As it turns 50, the ultra-secretive National Reconnaissance Office is putting a multibillion-dollar misstep behind it and casting its spy satellites on new enemies, from al-Qaida bomb planters to North Korean nuclear engineers, according to its chief.

U.S. "Red Dot" spy program hunts bombs in war zones

Thu, Sep 15 2011

By Tabassum Zakaria

WASHINGTON (Reuters) - The U.S. agency that operates spy satellites is helping the mili
kill A
nade bombs before they
nistan and Iraq.

ago puts a red dot on a
sts to alert military
sive devices (IEDs),
ombat casualties in

tect the bombs with
s from the detonator
, the agency's director

ake a picture someplace and fuse it with signals intelligence that you might have a million
n told a defense writers group.

n geolocate it rapidly is a difficult process," he said. "But in many cases we are able to do
less."

y detonated because they use shaped charges for more precision, Carlson said.

The NRO, which designs, builds and operates U.S.
Agency and oth

IEDs have kille
Afghanistan, IE

"Even though w
Despite false po
"We get a lot of false positives but we don't report a lot of false positives," he said.
"We try to make sure that we balance between conservatism and driving people crazy. If you just put a red dot every
said.

hat the NRO is helping to locate are push-to-talk radios, essentially a transmitter
sively in combat zones and are "incredibly difficult to locate."

nentially over the last three years to do that, Carlson said.

years ago where if you asked us to geolocate a push-to-talk radio we could
probably get you within 3 miles," he said. "Now ... we measure it in meters and that means it's targetable."

(Editing by Anthony Boadle and Bill Trott)

"*One key NRO program, called Red Dot, is focused on finding improvised bombs, primed to attack U.S. troops in the war zone.*" – Fox News / AP

"*There was a time…where if you asked us to geolocate a push-to-talk radio we could get you within 3 miles…now we measure it in meters and that means it's targetable.*" – NRO Director Bruce Carlson (Reuters)

Discovery Channel Special Program in development on the National Reconnaissance Office's 50th Anniversary. Will include discussion on RED DOT. Scheduled to air in 2013.

(U) Points of Contact

(U) RED DOT Points of Contact: Current RED DOT Operators at CAOC and ARCENT FWD OCP are the ARCENT Subject Matter Experts for RED DOT.

(i) (U//FOUO) CAOC: DSN 318-436-3107/1643
SVOIP 308-436-2057/2083
TSVOIP 998-1517/2205

(ii) (U//FOUO) ARCENT OCP: DSN 318-430-6258
SVOIP 308-430-5617

(iii) (U) RED DOT Website:
http://intelshare.intelink.sgov.gov/sites/reddot/SitePages/Home.aspx

(U) USARCENT Red Dot Program

(U) Questions?