

SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Mr. Douglas Richardson
Program Executive Officer

SPECIAL
RECONNAISSANCE,
SURVEILLANCE, AND
EXPLOITATION

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

COMMANDER'S LINES OF OPERATION

- **Win The Current Fight**
- **Expand The Global SOF Network**
- **Preserve The Force/Families**
- **Responsive Resourcing**

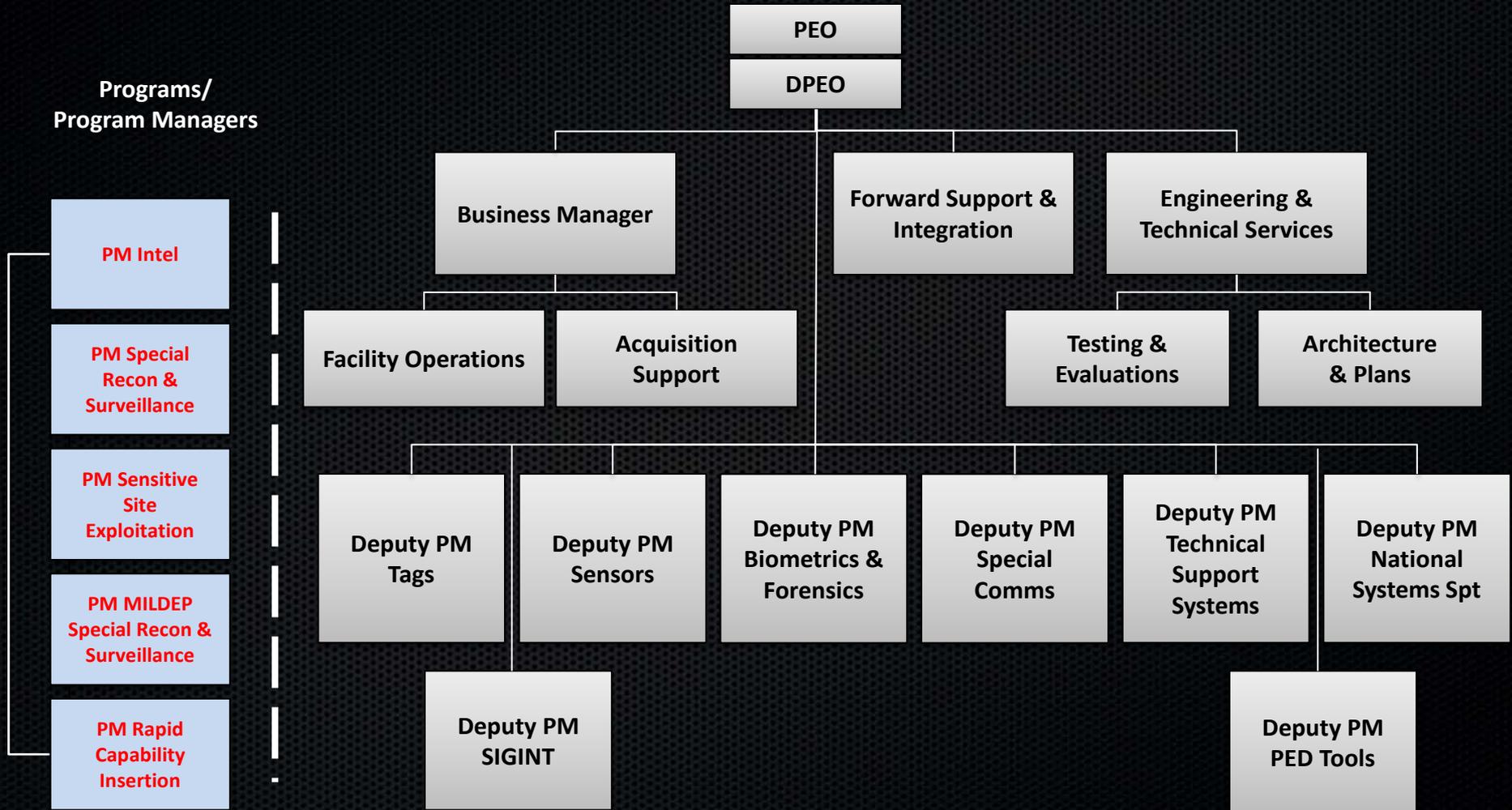
PEO SRSE Mission

Manage The Development, Acquisition, Fielding, New Equipment Training, And Sustainment Of State Of The Art Technical Collection And Exploitation Tools For Advanced Surveillance, Reconnaissance, And Intelligence Systems For Theater Forces And Special Operations Commands

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

SRSE Operating Structure Overview

Product Centric Vs Program Centric



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

TECHNICAL COLLECTION SYSTEMS

Hostile Forces – Tagging, Tracking, and Locating



Special Operations Tactical Video System



Joint Threat Warning System



IDENTITY OPERATIONS

Biometrics and Forensics



INTEL SUPPORT SYSTEMS

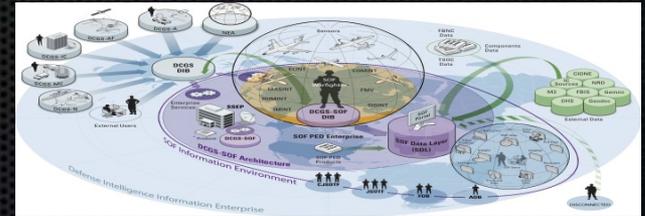
Integrated Survey Program



Distributed Mission Training and Rehearsal System



Processing, Exploitation, and Dissemination:
Distributed Common Ground/Surface System



FOCUSED RDT&E

Tagging, Tracking, and Locating Special Reconnaissance



Tactical Exploitation of National Capabilities



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

SRSE: FUTURE CHALLENGES

- **Budget Trends: *Implications***
 - ✓ **USSOCOM**
 - ✓ **Services and Other Government Agencies**
 - ✓ **Industry/Academia Partners**
- **Smaller Forward Deployed Footprint While Supporting Global Operations**
- **Keeping Pace With Technology Changes And The Demand For Reduced Acquisition Cycle Time**

HOSTILE FORCES – TAGGING, TRACKING AND LOCATING (HF-TTL)

- Provides Capability To Tag, Track And Locate High – Value Items Of Interest
- Portfolio Of Tagging / Tracking And Close – Target Audio / Video And Reconnaissance Capabilities

ACQUISITION STRATEGY

- Commodity Procurement Program

PERIOD OF PERFORMANCE

- Annually Fields Tailored Mission Sets To Component And Theater Special Operations Commands

MILESTONES

- Kit Selection: Annually
- User Testing: Annually
- Commodity Procurements: Annually
- New Equipment Training: Ongoing

POINT OF CONTACT

Technology & Industry Liaison Office
TILO@SOCOM.mil
813-826-9482

FUNDING

- FY14 Procurement: \$42M
- FY15 Procurement: \$27M

CURRENT CONTRACT/OEM

- Multiple

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

HF-TTL EQUIPMENT



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

TACTICAL VIDEO SYSTEM (TVS)

- Family Of Attended And Unattended Sensor Systems To Capture And Transfer Real And Near-Real Time Day/Night Tactical Ground Imagery

ACQUISITION STRATEGY

- Commodity Procurement Program

PERIOD OF PERFORMANCE

- Annually Fields Capital Equipment Replacement and Technology Refresh To Component And Theater Special Operations Commands

MILESTONES

- Equipment Selection: Annually
- User Testing: Annually
- New Equipment Training: Ongoing

POINT OF CONTACT

Technology & Industry Liaison Office
TILO@SOCOM.mil
813-826-9482

FUNDING

- FY14 Procurement: \$2.7M
- FY15 Procurement: \$1.8M

CURRENT CONTRACT/OEM

- Multiple

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

TACTICAL VIDEO SYSTEMS



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

SENSITIVE SITE EXPLOITATION (SSE)

- Capability To Exploit Personnel, Documents, Electronic Data, And Material On A Sensitive Site/Objective
- Collects And Transmits Unique, Measurable Biometric Signatures

ACQUISITION STRATEGY <ul style="list-style-type: none">• Commodity Procurement Program	PERIOD OF PERFORMANCE <ul style="list-style-type: none">• Annually Fields Capital Equipment Replacement, Technology Refresh, and New Capabilities For Component Kits	MILESTONES <ul style="list-style-type: none">• Kit Selection: Annually• User Testing: Annually• Commodity Procurements: Annually• New Equipment Training: Ongoing
POINT OF CONTACT <p>Technology & Industry Liaison Office TILO@SOCOM.mil 813-826-9482</p>	FUNDING <ul style="list-style-type: none">• FY14 Procurement: \$8.1M• FY15 Procurement: \$15.3M	CURRENT CONTRACT/OEM <ul style="list-style-type: none">• Multiple

SENSITIVE SITE EXPLOITATION



Cross Match Guardian-R

Cross Match SEEK II Fingerprint Scanner
Fingerprint & Iris Imager

Enrollment (EN) Kit



Cross Match SEEK II
Fingerprint And Iris Imager

Identification (ID) Kits



Metal Tec 1500

Metal Detector



IDEX Pens

Explosives And Trace Element Detection



Field Forensics EL-1003



DNA Swab



Latent Print
Collection Kit



Forensic Lights

DNA And Latent Print Collection

**USASOC
Enabler Kit**



SIMEX

CELLEX



XRY/XACT



ADF G-2

Low-Level MEDEX



Tableau TD-2
Imager



Digital Intelligence
FRED-L

High-Level MEDEX

Data And Information Extraction

Biometrics

Tactical Site Exploitation (Forensics)

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

SENSITIVE SITE EXPLOITATION

Exploitation Analysis Center (EAC)



Latent Print Copy Station



EAC Shelter
(Shown: 1 of 2
Shelters)



Griffin 460



Latent Print Fuming
Chambers



AFIX Tracker
Latent Print Examiner



AHURA
First Defender



AHURA
TruDefender



Latent Print
Collection Kit



BattleLite
Forensic Lights



TracER Laser Lite



SABRE 5000

Latent Print Extraction Modalities

Trace Element Analysis Modalities

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

DISTRIBUTED COMMON GROUND/SURFACE SYSTEM SPECIAL OPERATIONS FORCES (DCGS-SOF)

- Provide Processing, Exploitation & Dissemination (PED) Systems Acquisition at USSOCOM
- Projects Include: Enterprise, Full Motion Video, Silent Dagger, All Source Information Fusion

ACQUISITION STRATEGY

- Partner With IC, Services, Industry
- Annually Insert Tech Updates
- Leverage/Re-Use Opportunities
- Implement Multiple, Smaller Contracts

PERIOD OF PERFORMANCE

- Annually Fields Initial Systems, Capital Equipment Replacement & Technology Insertions To Components & TSOCs

MILESTONES

- Technology Updates: Annually
- User Testing: Annually
- New Equipment Training: Ongoing
- Fielding & Deployment: Ongoing

POINT OF CONTACT

Technology & Industry Liaison Office
TILO@SOCOM.mil
813-826-9482

FUNDING

- FY14 Procurement: \$15M
- FY15 Procurement: \$17.3M

CURRENT CONTRACT/OEM

- Multiple

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

DCGS-SOF ENTERPRISE

EST ZULU PACOM IRAQ KOREA AFG
10:47:47 14:47:57 08:47:57 17:47:47 19:15:47

DCGS-SOF

DCGS-SOF Search

Support: SOCOM Service Desk
1-813-826-7090

DCGS-SOF FEDERATED SEARCH

Search Criteria

Keywords: bomb
Start (Zulu): 2008-03-31 14:51:17
End (Zulu): 2014-04-30 14:31:17
Geo: POLY (USA)

Results

SOF_Special_Assessment_Master_Template
2013-02-0712:27:00Z ...music shops, girls schools, government buildings, including police stations, and suicide **bomb** attacks. Local government administration remains in these areas but its effectiveness is...



DCGS-SOF FEDERATED SEARCH

Search Criteria

Keywords: bomb
Start (Zulu): 2008-03-31 14:51:17
End (Zulu): 2014-04-30 14:31:17
Geo: POLY (USA)

Results

SOF_Special_Assessment_Master_Template
2013-02-0712:27:00Z ...music shops, girls schools, government buildings, including police stations, and suicide **bomb** attacks. Local government administration remains in these areas but its effectiveness is...

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

DCGS-SOF FMV PED



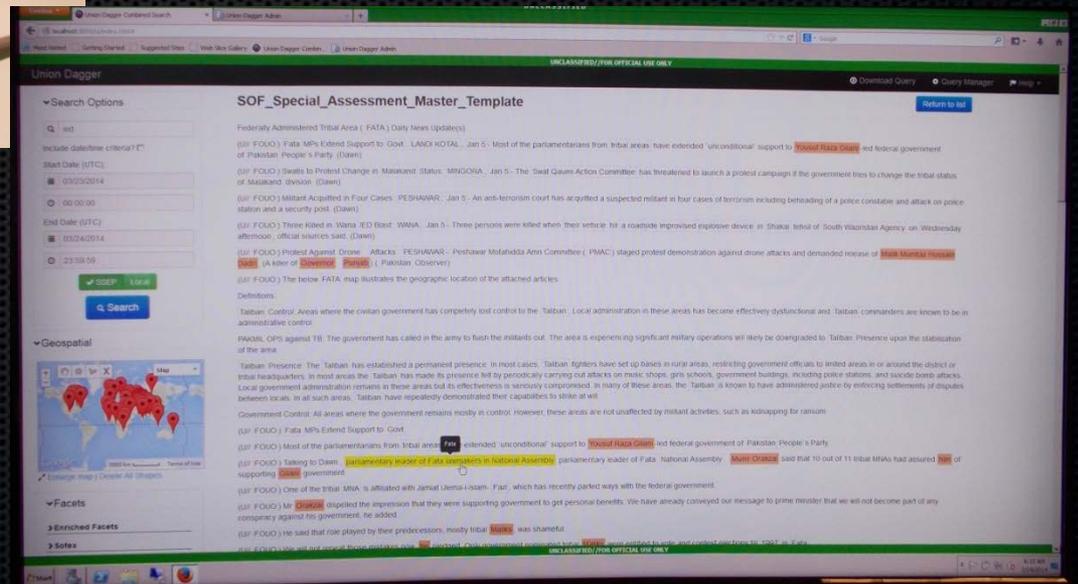
SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

DCGS-SOF SILENT DAGGER



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

UNION DAGGER



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

JOINT THREAT WARNING SYSTEM (JTWS)

- Provides A Family Of Signals Intelligence (SIGINT) Systems
- Variants Include: Ground SIGINT Kit (Mobile/Body Worn And Static Configurations), Air, Precision Geo-Location, And Maritime (CDD In Staffing)

ACQUISITION STRATEGY

- Evolutionary Strategy With Spiral Development To Insert Latest Technology Into Variants

PERIOD OF PERFORMANCE

- Annually Fields Initial Systems, Capital Equipment Replacement & Technology Insertions To Components

MILESTONES

- Fielding: Annually
- User Testing: Prior To Fielding
- Commodity Procurements: Annually
- New Equipment Training: Ongoing

POINT OF CONTACT

Technology & Industry Liaison Office
TILO@SOCOM.mil
813-826-9482

FUNDING

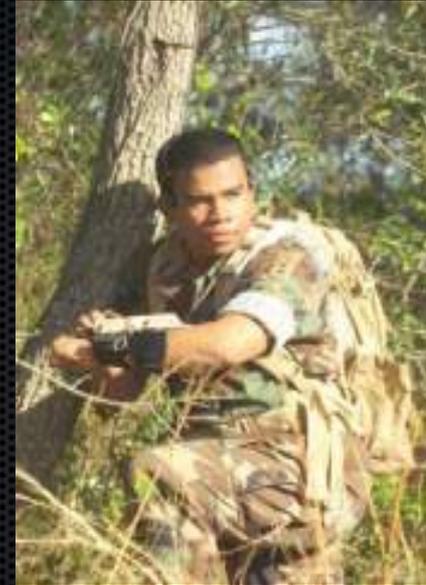
- FY14 Procurement: \$34M
- FY15 Procurement: \$30M

CURRENT CONTRACT/OEM

- Multiple

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

GROUND SIGINT KIT (GSK)



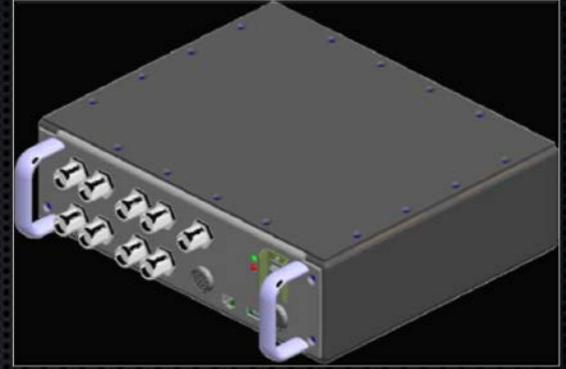
SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

JTWS AIR



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

PRECISION GEO-LOCATION (PGL)



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

JTWS MARITIME



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

DISTRIBUTED MISSION & TRAINING REHEARSAL SYSTEM (DMTRS)

- Produces Enhanced Geospatial Intelligence (GEOINT) Data And 3D Scene Visualization Databases To Support SOF Mission Planning And Rehearsal Requirements.
- Disseminates And Manages GEOINT Archive Of SOF-P Data And Imagery In Common & Proprietary Formats

ACQUISITION STRATEGY

- Partner With IC, Service, Industry
- Annually Insert Technology Updates
- Leverage/Re-Use Opportunities
- Implement Multiple, Smaller Contracts

PERIOD OF PERFORMANCE

- Annually Fields Updates, Capital Equipment Replacement, And Technology Insertions

MILESTONES

- Project Dependent

POINT OF CONTACT

Technology & Industry Liaison Office
TILO@SOCOM.mil
813-826-9482

FUNDING

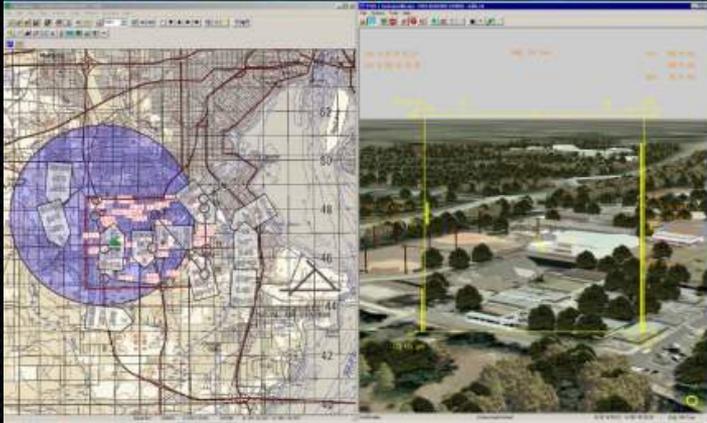
- FY14 O&M: \$6.8M
- FY15 O&M: \$6.1M

CURRENT CONTRACT/OEM

- Multiple

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

DMTRS



SOF Units Know The Area They Will Fight In Before They Arrive!

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

INTEGRATED SURVEY PROGRAM (ISP)

- Performs Comprehensive Technical Surveys Worldwide Where US Citizens Or National Interests May Be At Risk
- Produce Detailed Tactical Planning Data To Support SOF Operational Planners, Partner Nations, And The Interagency Community

ACQUISITION STRATEGY

- Partner With IC, Service, Industry
- Annually Insert Technology Updates
- Leverage/Re-Use Opportunities
- Implement Multiple, Smaller Contracts

PERIOD OF PERFORMANCE

- Annually Fields Updates, Capital Equipment Replacement, And Technology Insertions

MILESTONES

- Project Dependent

POINT OF CONTACT

Technology & Industry Liaison Office
TILO@SOCOM.mil
813-826-9482

FUNDING

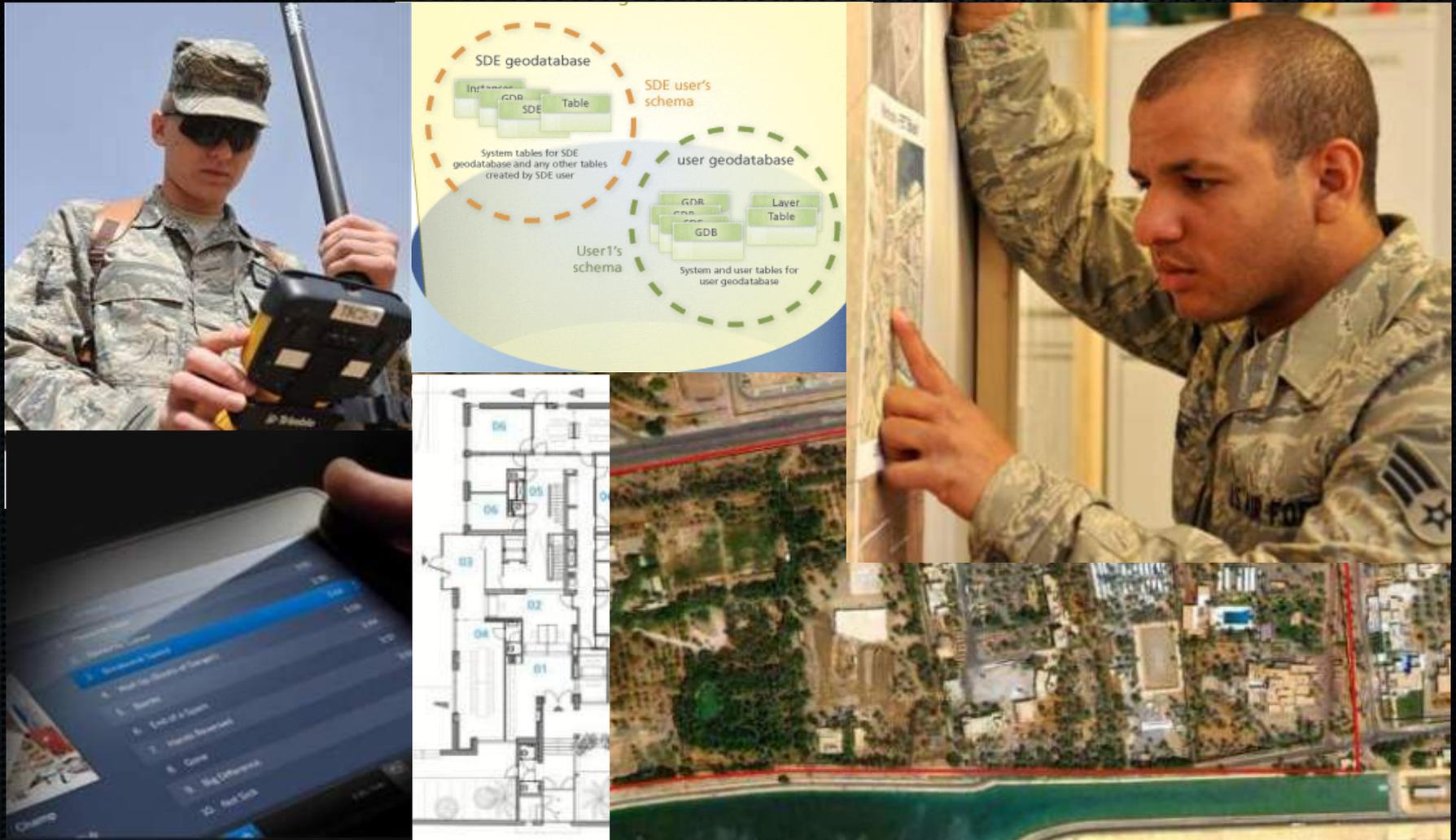
- FY14 O&M: \$1.5M
- FY15 O&M And RDTE: \$1.5M

CURRENT CONTRACT/OEM

- Multiple

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

INTEGRATED SURVEY PROGRAM



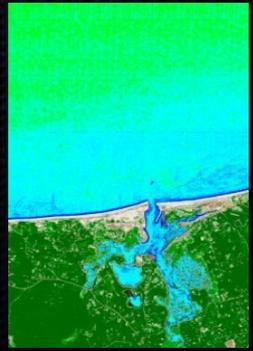
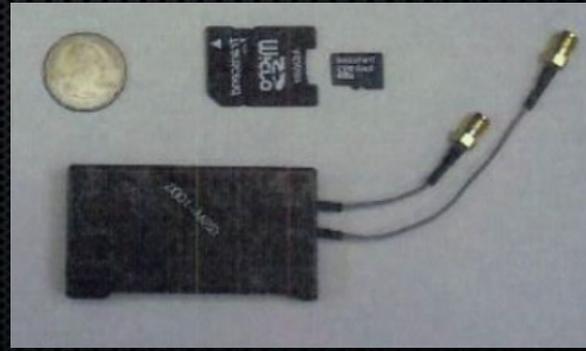
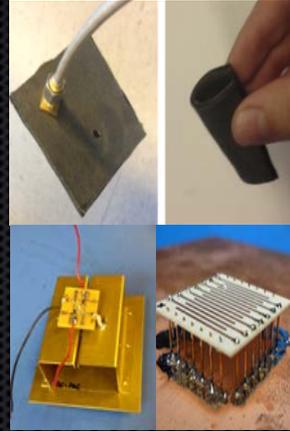
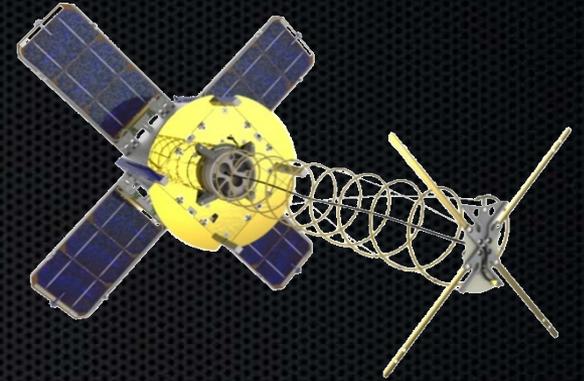
SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

RAPID CAPABILITY PROGRAM

- TTL Device Size, Weight, Power, and Cost Reductions
 - RF and Non-Traditional (e.g. Optical/Multi-Band) Tags & R/Xs
- Unique LPI/LPD Communication Mechanisms
- Reprogrammable, Remotely-Controlled Miniature Sensors (A/V/RF)
- Devices Able To Be Used In GPS-Denied/GPS-Mitigated Environments (i.e. Alternative Tracking Architectures)
- Stand-Off/Remote Recognition And Matching
 - Iris/Facial/Other
- Non-Traditional Sensors For Fingerprinting Capture & Matching
- Alternate Power Sources & Power Management Equipment

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

RAPID CAPABILITY PROGRAM



SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

RAPID CAPABILITY PROGRAM

- Tagging Tracking And Locating (TTL): Develops And Prototypes Innovative TTL Capabilities Through Applied Research And Development (R&D)
- Special Reconnaissance Capabilities (SRC): Provides R&D Of Novel Reconnaissance Devices, Special Communications Equipment And Unattended Ground Sensors
- Tactical Exploitation Of National Capabilities (TENCAP): Serves As The Command's TENCAP Office And Leverages Existing And Future Space-Related Technologies

ACQUISITION STRATEGY

- Rapid Prototyping, Technology Demonstrations, Combat Evaluations

PERIOD OF PERFORMANCE

- Project Dependent: Focus On 12-18 Month Project Lifecycle

MILESTONES

- Project Dependent

POINT OF CONTACT

Technology & Industry Liaison Office
 TILO@SOCOM.mil
 813-826-9482

RDT&E FUNDING

	FY13	FY14
• CTTL	\$34.475M	\$24.386M
• SRC	\$10.839M	\$6.872M
• TENCAP	\$0.783M	\$0.783M

CURRENT CONTRACT/OEM

- Project Dependent

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

PEO-SRSE BRIEFINGS

- **Portfolio Review & Business Opportunities:**
 - Wed Sessions 1115-1215 & 1430-1530
- **Program/Product Line Focused Presentations:**
 - Thu Sessions 0900-1000 & 1045-1145

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

IN-HOUSE BROAD AGENCY ANNOUNCEMENT (BAA)

- FY 2014-2015 SORDAC Consolidated BAA
(H92222-14-BAA-SORDAC-SRSE)
 - Efficient Contract For Relevant RDT&E Efforts
 - Updated Annually Within Special Reconnaissance, Surveillance, And Exploitation (SRSE) Areas Of Technological And Scientific Importance
 - Valid Through 2015

SPECIAL RECONNAISSANCE, SURVEILLANCE, AND EXPLOITATION

Questions?