

Special Operations Forces Industry Conference

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Ms. Lisa Sanders

Deputy Director

Science & Technology Directorate

Portfolio Review and APBI

Science & Technology

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Commander's Guidance & Direction for USSOCOM S&T / S&T Vision

- **Develop a coherent capability-based research and development effort focused on placing new capabilities in the hands of SOF operators**
- **Conduct technology discovery, coordinate research and development activities, rapidly integrate technology developments, and rapidly insert new capabilities for equipment and techniques across the force**

A Special Operations force, empowered with the newest technologies and capabilities, able to operate in any environment, work effectively with partners, and defeat all adversaries



S&T Integrated Priority List (STIPL)

- STIPLs focus on SOCOM S&T needs while complementing the SOCOM IPL
- FY13-17 S&T Priorities (Not in Order)
 - Extended Duration Incapacitation
 - Comprehensive Signature Management across electromagnetic spectrum
 - Understand and exploit the battlefield
 - “Own the Night”



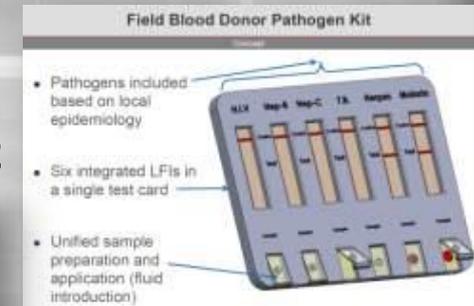
Applied Research (BA2) and Advanced Technology Development (BA3)

• BA2

- TRL 3-5
- Studies, Early lab hardware, software development models

• BA3

- TRL 5-7
- Prototypes, demonstrations



Acquisition Strategy

Full and open competition
Technology Development Opportunities
with Manageable Risk and Clear
Near-term Value

Period of Performance

Project Dependent: Typically 1-2 years

Milestones

Project Dependent

Points of Contact

SORDAC-ST
813-826-9489

Funding

FY10: \$15.718M / \$35.045M
FY11: \$23.636M / \$9.502M
FY12: \$13.467M / \$6.835M

Current Contract/OEM

Various Projects



Rapid Exploitation of Innovative Technologies for SOF (REITS)

- High risk, high payoff projects
- Focuses on rapidly inserting new technologies and capabilities into the battlefield
- Takes items and adapts, modifies, integrates, and assesses ability to rapidly meet SOF operational needs



Acquisition Strategy

Attract innovative solutions from industry through Broad Agency Announcement (BAA) process and/or existing contract vehicles

Period of Performance

Project Dependent: Typically 1-18 months

Milestones

Project dependent—solution identified, prototype tested, safety certification, operational insertion and use

Point of Contact

SORDAC-ST
813-826-9489

Funding

FY10: \$5.140M
FY11: \$5.000M
FY12: \$10.310M

Current Contract/OEM

Various Projects



Other funding sources

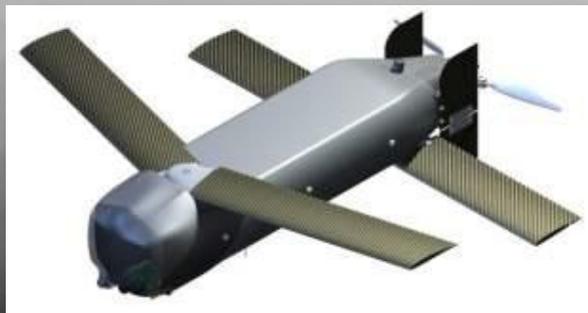
- **Small Business Innovation Research (SBIR)**
 - Phase 1: Competitively awarded topics, \$100K for feasibility studies
 - Phase 2: Sole source to Phase 1 contractors, approx \$1M per contractor
 - Phase 3: Sole source, requires program funds, no \$ limit
- **Leveraging (OSD, Service Research Labs, DARPA, Department of Energy, OGA)**





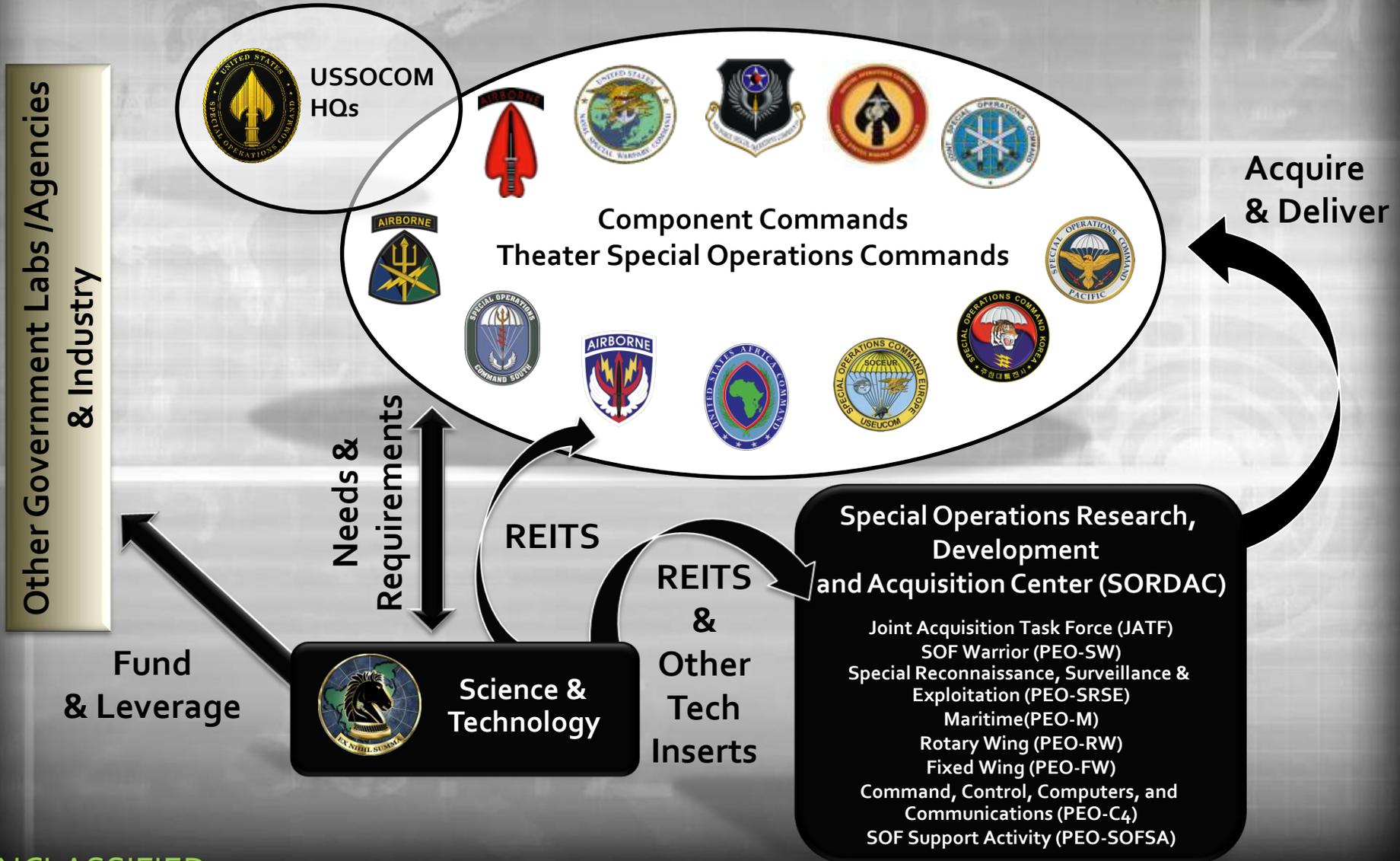
S&T Commodity Alignment

- **Four Primary Commodities**
 - Soldier Systems
 - Mobility & Materials
 - RF & Antennas
 - Power & Energy
- **Two Cross-Commodity Focus Areas**
 - Experimentation & JCTDs
 - SBIR Management





Capabilities to the SOF Operator



Questions?



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