



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Mr. Tony Davis
Director

SCIENCE AND TECHNOLOGY

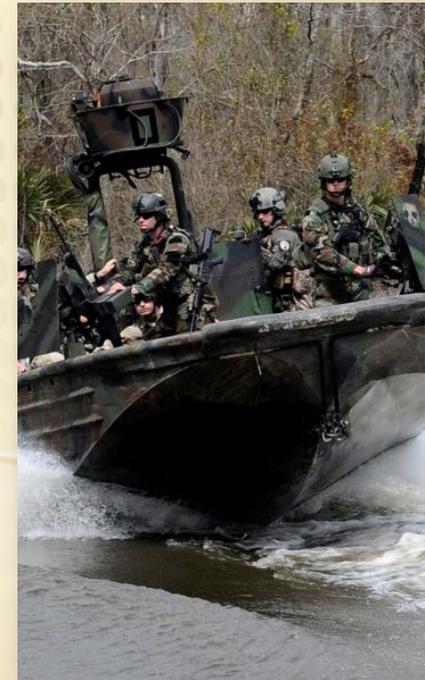
“Somewhere something incredible
is waiting to be known.”

-Carl Sagan

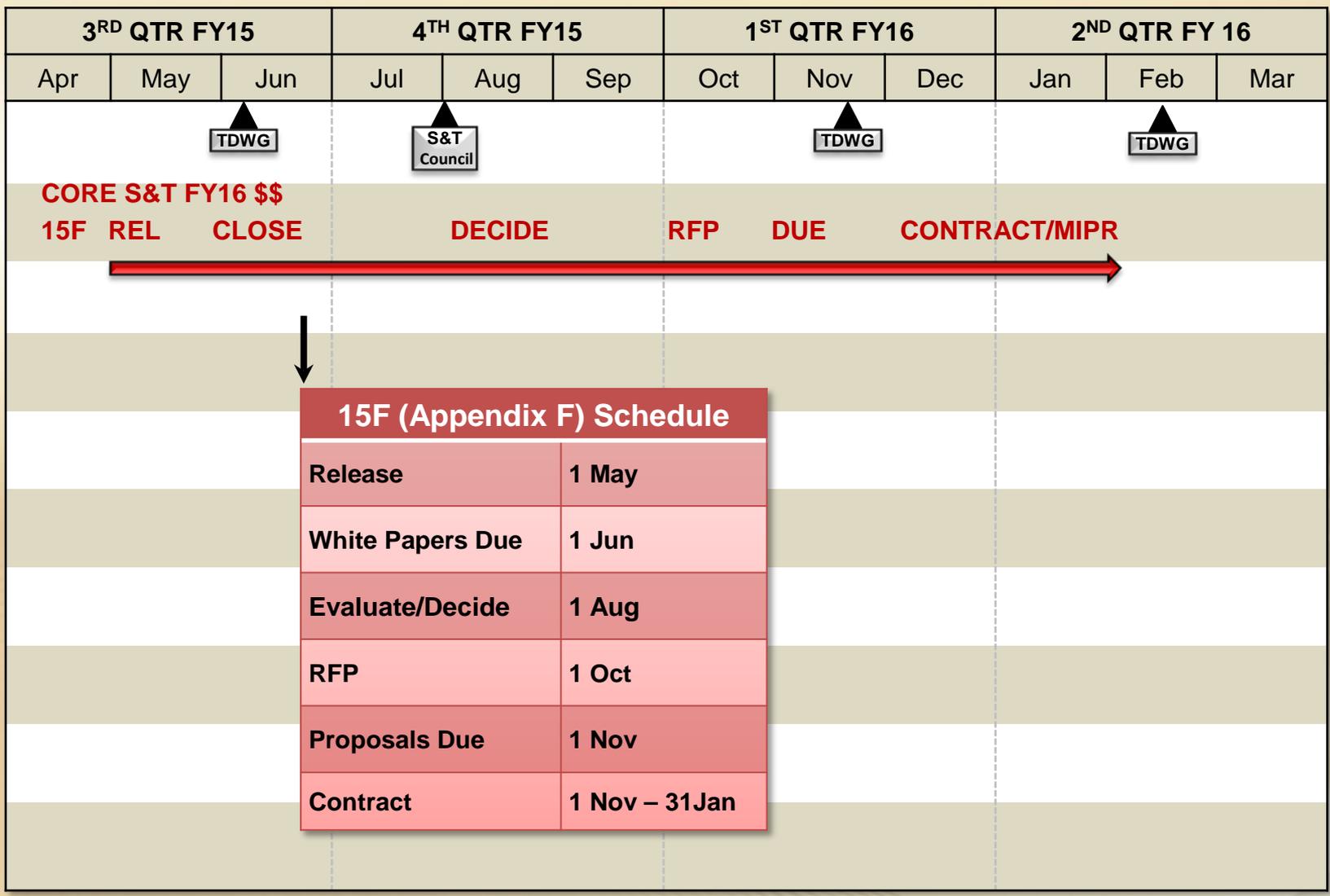
SCIENCE AND TECHNOLOGY

SCIENCE & TECHNOLOGY BROAD AGENCY ANNOUNCEMENT (BAA)

- **Consolidated and persistent BAA (USSOCOM-BAAST-2015)**
 - Incorporates TALOS, SRSE, C4 MISO, Tech Insertion Roadmap, and S&T appendices
 - Additional appendices added as necessary for targeted capability gaps

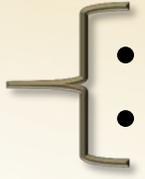


USSOCOM BAAST 2015 APPENDIX F



USSOCOM BAAST 2015 APPENDIX F AREAS OF INTEREST (1)

Bio-Med



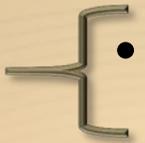
- Occupational and Environmental Health Surveillance
- Tactical Portable Oxygen Generator

C4



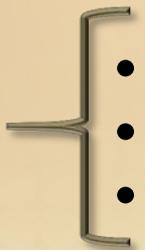
- Low Visibility/Low Profile/Conformal/Multi-Spectral Antennas
- Low Profile/Low Visibility Phased Array Radio Detection and Ranging (RADAR)

Human Performance



- Optimizing Human Performance at High Altitude and/or Under Stress

Mobility



- Armored Vehicle Extrication
- Multi-Terrain Vehicle
- Transparent Ballistic Protection

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AREAS OF INTEREST (2)

- Optics**
 - Undetectable Aiming Laser
 - Advanced Sensors
- Other**
 - Automated Interview Transcription
- Power & Energy**
 - Undersea Manned Power System
 - Portable Power for Extended Casualty Evacuation
- Protect**
 - Advanced Tactical Standalone (TSA) Body Armor
 - Adaptive Fibers
- SSE**
 - Document and Media Exploitation (DOMEX) Tool
 - Handheld Rapid DNA Device

USAMRAA BAA 2015-1 AREAS OF INTEREST (1)

USAMRAA Extramural Biomedical Research and Development BAA 2015-1 for USSOCOM is posted on fbo.gov and grants.gov

- Other**
 - Medical Simulation and Training Technologies
 - Prolonged Field Care
- Damage Control Resuscitation**
 - Global Treatment Strategies
 - Analgesia
 - Far Forward Blood, Blood Components, & Injectable Hemostatics
 - Austere Surgical Stabilization
- Portable Lab Diagnostics**
 - Biological
 - Occupational and Environmental Health (OEH) Hazards

USAMRAA BAA 2015-1 AREAS OF INTEREST (2)

**Force Health Protection
and Environmental
Medicine**

- **Optimal Acclimatization Strategy**
- **Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE) Rapid Diagnostics, Treatment, and Prophylaxis**
- **Chelation Solution**

**Damage Control
Resuscitation**

- **Environmental Extremes**
- **Sensory Optimization and Protection**
- **Trauma Resuscitation**
- **Non-Traditional Anesthesia Protocols**
- **Pre and Post Trauma Training/Behavioral Issues**