



SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

Mr. Scott Brown

Division Chief, Tactical Comms

COMMAND, CONTROL,
COMMUNICATIONS,
AND COMPUTERS

COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS

TACTICAL COMMUNICATIONS



STC



BFT



Mobile Computing Initiative



FABS V2 / BSV



JTCITS



ASOMS



NGLS

COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS

SOF TACTICAL COMMS (STC)

- Provides Next Generation SOF Communication Systems
- Capabilities Include: Real Time, Hostile and Friendly Force Information; Line of Sight (LOS) and Beyond LOS (BLOS) Communications; and Access to Situational Awareness in the Form of Intelligence Inputs, Broadcasts, and Networks
- Consists of Five Form Factors: 1) Manpack, 2) High Frequency, 3) Handheld, 4) Individual Radio, and 5) Mobile Computing Device

ACQUISITION STRATEGY

- Operational System in Sustainment with Evolutionary Technology Insertions

PERIOD OF PERFORMANCE

- Variable, dependent on variant

MILESTONES

- Post Milestone C, Sustainment & Capital Equipment Replacement

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY14: RDT&E \$1.7M PROC \$33.7M O&M \$13.5M
- FY15: RDT&E \$1.7M PROC \$23.8M O&M \$15.4M

CURRENT CONTRACT/OEM

- Harris Corp
- Thales Communications Inc

COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS

STC AREAS OF INTEREST

- Dual-channel Communications
 - Cross-band communication
- Broadband BLOS (SATCOM)
 - INMARSAT / MUOS / Man-pack X-Band / Other Waveforms
- Low Probability of Intercept /Low Probability of Detection for BLOS
- Mobile Computing Infrastructure Integration Into STC Systems
- High Bandwidth Technologies
 - Full Motion Video
 - Sensor Feeds
 - Wideband HF
- Antenna Profile Reduction
 - Retain Performance of Current Antennas
 - Better Fit on the Body
 - Reduced Visual Signature

TACTICAL MISO

- Provides Systems That Can Transmit Live or Recorded Audio, Audio-visual and Cellular Messages to Diverse Sets of Target Audiences in a Variety of Tactical Environments.
- Consists of: 1) Fly Away Broadcast System, 2) Next Generation Loudspeaker System (Mounted / Dismounted / Scatterable Media), and 3) MISLink (Cellular)

ACQUISITION STRATEGY

- Operational System in Sustainment with Evolutionary Technology Insertions

PERIOD OF PERFORMANCE

- Variable, dependent on variant

MILESTONES

- Post Milestone C, Sustainment & Capital Equipment Replacement

POINT OF CONTACT

- 813.826.9482 (TILO)

FUNDING

- FY14: RDTE \$5.7M O&M \$4.6M
- FY15: RDTE \$7.5M O&M \$4.2M

CURRENT CONTRACT/OEM

- Multiple

COMMAND, CONTROL, COMMUNICATIONS, AND COMPUTERS

TACTICAL MISO AREAS OF INTEREST

- Scatterable Media / Electronic Paper
 - Completely Printed Product Capable of:
 - Printed Leaflet Capable of Audio Augmentation
 - Printed Leaflet Capable of Audio-Visual Augmentation
 - Printed Leaflet Capable of Radio / TV / WiFi Reception
 - Printed Leaflet / Newspaper Capable of Remote Electronic Update
- Holographic Imaging
 - Ground, Air, and Space Based Projection
 - Stealth Projection Capability (i.e., Projection Source Not Visible to Target Audience)
- Pod-based Radio/TV/Cellular Broadcast (for UAV)
 - Less than 340 lbs
 - Interested in multi-mission payload (i.e., MISO, EW, C4, etc.)