TACTICAL COMMS

SOF Tactical Comms
Blue Force Tracking
Joint Tactical C4I Transceiver System
Advanced Special Operations Management System

Fly-Away Broadcast System
Next Generation Loudspeaker System
Mobile Communications Initiative

ENTERPRISE NETWORKS

C4 and Intelligence Automation Systems / Special Operations Command Research, Analysis, and Threat Evaluation System
Distributed Data Center
Media Production Center
Civil Affairs Data Management Processing System

Military Information Support Operations-Print
Military Information Support Operations-Enterprise

TRANSPORT

SCAMPI (not an acronym)

SOF Deployable Nodes / Product Distribution System / Mobile SOF Strategic Entry Point

Tactical Local Area Network
Radio Integration System
UNCLASSIFIED

Enterprise Networks
(Caryn Bain)
- C4I Automation System (C4IAS)
- Spec Ops Command Research, Analysis, and Threat Evaluation System (SOCRATES)
- Media Production Center (MPC)
- MISO Print System (MISO-P)
- MISO Enterprise (MISO-E)
- Civil Info Management Data Processing System (CIMDPS)

Tactical Comms
(Scott Brown)
- SOF Tactical Comms (STC)
- Blue Force Tracking (BFT)
- Joint Tactical C4I Transceiver System (JTCITS)
- Fly-Away Broadcast System (FABS)
- Next Generation Loudspeaker System (NGLS)
- Mobile Comms Initiative (MCI)
- Advanced Special Operations Management System (ASOMS)

Transport
(LtCol Rod Lewis)
- SCAMPI (not an acronym)
- SOF Deployable Node (SDN)
- Product Distribution System (PDS)
- Tactical Local Area Network (TACLAN)
- Radio Integration System (RIS)
- Mobile SOF Strategic Entry Point (MSSEP)
Increasing Demand/Complexity

- Big pipe and multiple classifications to small teams in austere locations
- Enterprise services to TSOCs and deployed forces supporting COCOMs
- Video and other big data critical to decision making/situational awareness
Tactical SATCOM

- Wide Band SATCOM On-The-Move (SOTM)
  - High bandwidth, SATCOM, Transport Capability
  - Secure voice, data, and FMV situational awareness
  - Modular and tailorable packaging
  - SOF Information Environment reach-back from a mobile platform
  - IP-based technology
- Deployable/mobile 3G/4G infrastructure
- Next generation crypto products
- Wideband SOTM-Ground capability
Maritime Operations

- USS Ponce
  - Dedicated Afloat Forward Staging Base
  - Shared multi-mission platform
- SOF requirement for dedicated pipe > existing shipboard comms
- Roll-on, roll-off capabilities for multiple Navy/USMC platforms
Tactical Comms

- Software-defined radios with SOF-unique applications
  - Type-1 encryption
  - Handheld/manpack/fixed mount/individual
  - Network extension and flexibility, IPv6

- FY13 Next Gen Radio market research
  - C2 + SA
  - Agility and Adaptability
  - Survivability and Sustainability

- Secure Wireless Mobile Ad-hoc Networking (MANET)
  - Man-portable, Airborne, and Fixed
  - High throughput (up to 30 Mbps) wireless network without relying on existing fixed infrastructure
  - Multiple bands
  - Software configurable
Mobile Comms Initiative

- Secure mobile access to apps and data
  - App repository and data sources
  - COTS smart device through commercial/Government networks

- FY13 efforts
- Implement app dev environment
- Facilitate innovative development efforts
- Research intersection with TACLAN FCD
- Assess ability to transition COTS solutions to tactical environment