

Stuart F. Timerman

Director, Defense Spectrum Organization



DISA MISSION PARTNER CONFERENCE
2012

DSO provides:

- Direct Combatant Command and Joint Task Force Support
- Spectrum Advocacy - National and International electromagnetic spectrum planning
- Enterprise capabilities and services - Enables effective global spectrum operations and information dominance
- Engineering center of excellence – SME’s, experience and tools required to address the complex technical and operational issues associated with spectrum operations

Embedded Support



United Nations

International Telecommunication Union (ITU)
World Radio Conferences (WRCs)

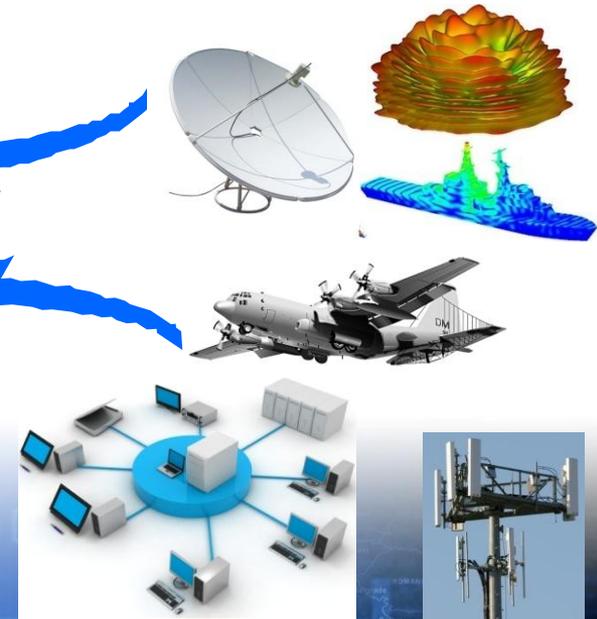
US Federal Government

Spectrum Advocacy

Engineering/SME Reach Back



Supporting the Warfighter!



Enterprise Services

Net-Centric Spectrum Management Vision

Today

Technology Enablers

Tomorrow

Inefficient Spectrum Usage

Effective Spectrum Usage

Long and Manual Spectrum Planning

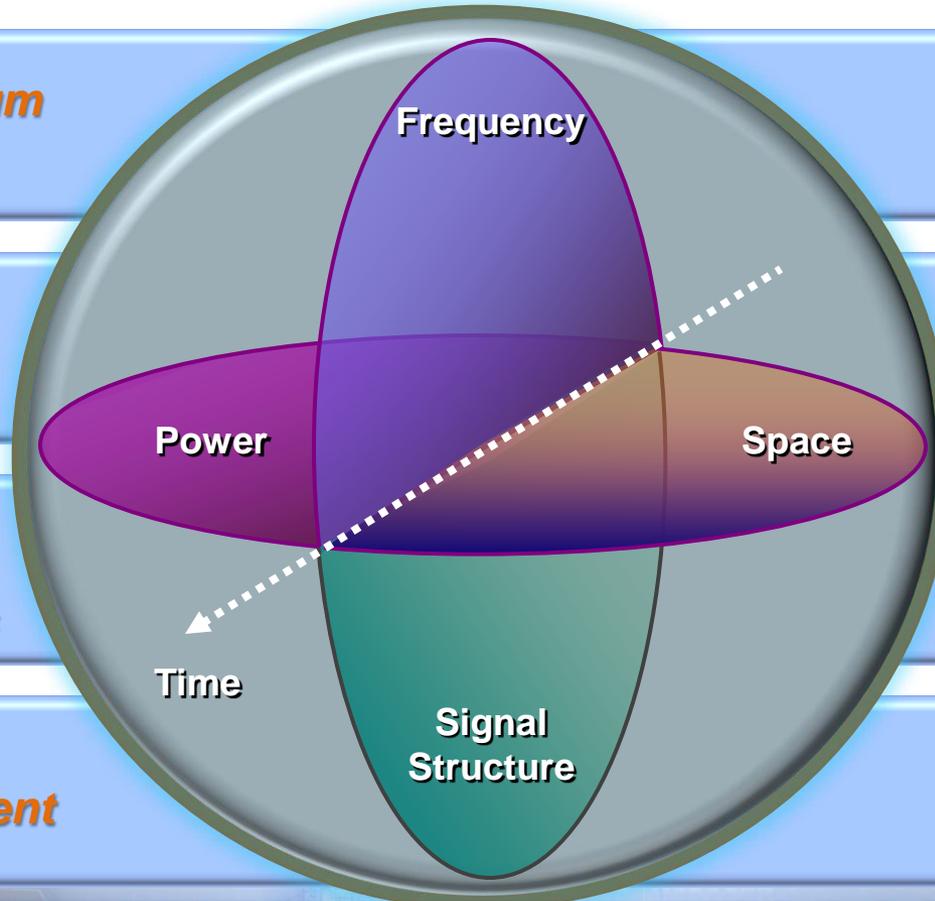
Near Real-time & Agile Spectrum Access

Stove-pipes, Not Interoperable Radios & Networks

Sensing, Reprogrammable, Interoperable

Static Frequency Assignment

Adaptive Spectrum Access



**Fully utilize all dimensions:
frequency, time, space, signal, and power**

- **Coalition Joint Spectrum Management Planning Tool (CJSMPPT) PDSS (FY13)**
- **Spectrum XXIO PDSS (FY14)**
- **Stepstone PDSS (FY14)**
- **IT Services Support (FY14)**



On the Drawing Board for DSO

- **Project** – CJSMPPT Post Deployment System Support
- **Anticipated Start Date** – 4th Quarter, FY13
- **Predecessor Contracts** – Army
- **Anticipated Small Business Involvement** – TBD
- **Anticipated Contract Type** – CPIF

CJSMPPT delivers an integrated electromagnetic (EM) spectrum management and near-real time mission planning tool capability to enable frequency managers to perform EM spectrum planning and deconfliction from tactical through combined and Joint task force levels. This acquisition procurement effort will provide for the developmental and maintenance software support for the CJSMPPT application and database.



On the Drawing Board for DSO

Project – Spectrum XXIO Post Deployment System Support

Anticipated Start Date – 1st Quarter, FY14

Predecessor Contracts – ESES

Anticipated Small Business Involvement – TBD

Anticipated Contract Type – CPIF

SXXIO is a Joint online spectrum management tool supporting DoD management of the RF spectrum in support of operations and provides integrated mapping, visualization tools, compliance checking and engineering analysis capabilities to support engineers and spectrum managers. SXXIO is a fully web-enabled application implemented in a service oriented architecture (SOA) with web-services. This acquisition effort will provide for the developmental and maintenance software support for the SXXIO application and databases.



On the Drawing Board for DSO

Project – Stepstone Post Deployment System Support

Anticipated Start Date – 2nd Quarter, FY14

Predecessor Contracts – ESES

Anticipated Small Business Involvement – TBD

Anticipated Contract Type – CPIF

Stepstone is an online web resource for data capture of parametric information for spectrum dependent equipment supporting the spectrum certification and spectrum supportability processes. This acquisition effort will provide developmental and maintenance support services for the Stepstone online web resources and operations.



On the Drawing Board for DSO

- **Project** – IT Services Support
- **Anticipated Start Date** – 3rd Quarter, FY14
- **Predecessor Contracts** – COMMITS NEXGEN
- **Anticipated Small Business Involvement** – Yes
- **Anticipated Contract Type** – FFP

This effort provides robust IT operation and maintenance support, as well as flexible software lifecycle support for the DSO's net centric spectrum applications. The IT Support team includes Systems, Web, Data, and Network administration experts who perform maintenance, vulnerability patching, and security baseline configurations on the DSO's computing infrastructure. The IT Support team also accepts spectrum applications from the DSO's development teams and successfully deploys new or upgraded applications into pre-production and production environments located at DISA Enterprise Service Centers and DISA Test Labs.

