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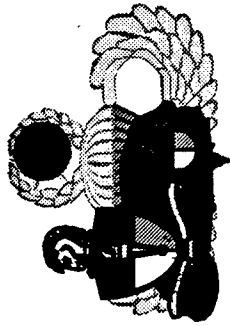
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USAFJFKSWCS



USASOC

ARMY SPECIAL OPERATIONS BATTLE LAB

ARMY SPECIAL OPERATIONS FORCES

DIGITAL

COMMAND AND CONTROL

CHALLENGES

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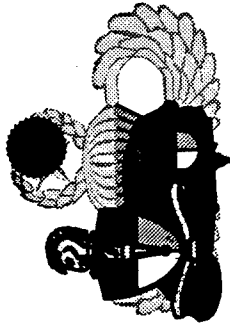
14 February 2001



AGENDA



- Army Special Operations Battle Lab Mission
- Joint and Service Digital C2
- Army Special Operations Digital C2 Emerging Environment
- Strategy to Address Challenges
- DARPA Active Templates Technology



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ARMY SPECIAL OPERATIONS BATTLE LAB MISSION



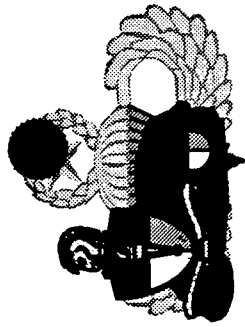
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As the architect of the future, the Battle Lab develops concepts for post POM ARSOF, conducts experiments, and assesses and operates digital C2 and simulation systems to ensure ARSOF remain relevant, dominant and capable of Advanced Full Spectrum Operations.



MAJOR FUNCTIONS

- Future visions, concepts of operation, Objective Force Capabilities, and operational and organizational concepts for post POM ARSOF
- Experiment, determine insights for DTLOMS changes, document requirements for MAA
- Assess digital C2 systems, identify those useful to ground ARSOF
- Spiral development of emerging digital C2 and simulation systems
- Support school and units with digital C2 and simulation systems

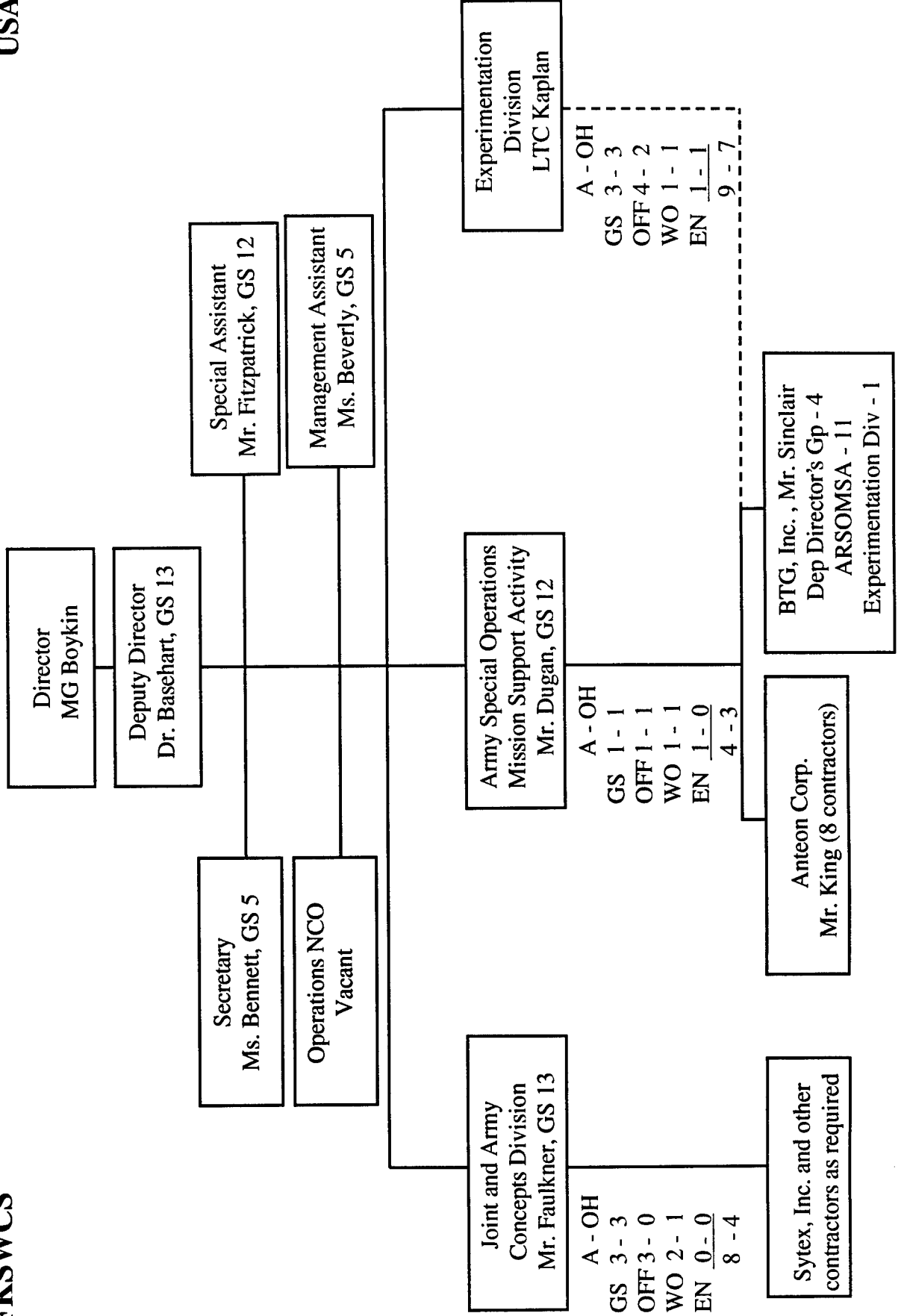


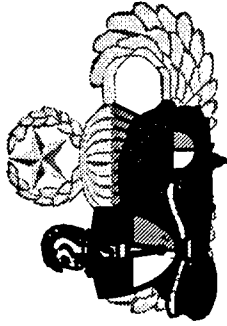
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CURRENT AND EMERGING JOINT AND SERVICE SYSTEMS



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C2 SYSTEMS

Global Command and Control System	DISA	Fielded
Army Battle Command System	USA	Developmental
Theater Battle Management Core Systems	USAF	Fielding
Global Command and Control		
System--Maritime	USN	Fielded
Tactical Combat Operations System	USMC	Fielded

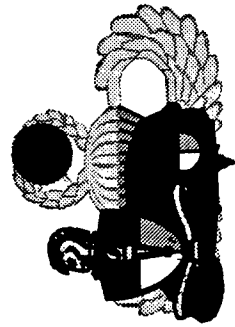
MAPPING TOOLS

Joint Mapping Tool Kit (JMTK)	DISA	Fielded
Joint Mapping Tool Kit--NT	DISA	Fielding
C2 Personal Computer (C2PC)	DISA	Fielded
Commercial JMTK (CJMTK)	DISA	Contracting
Falcon View	SOFPARS	Fielded

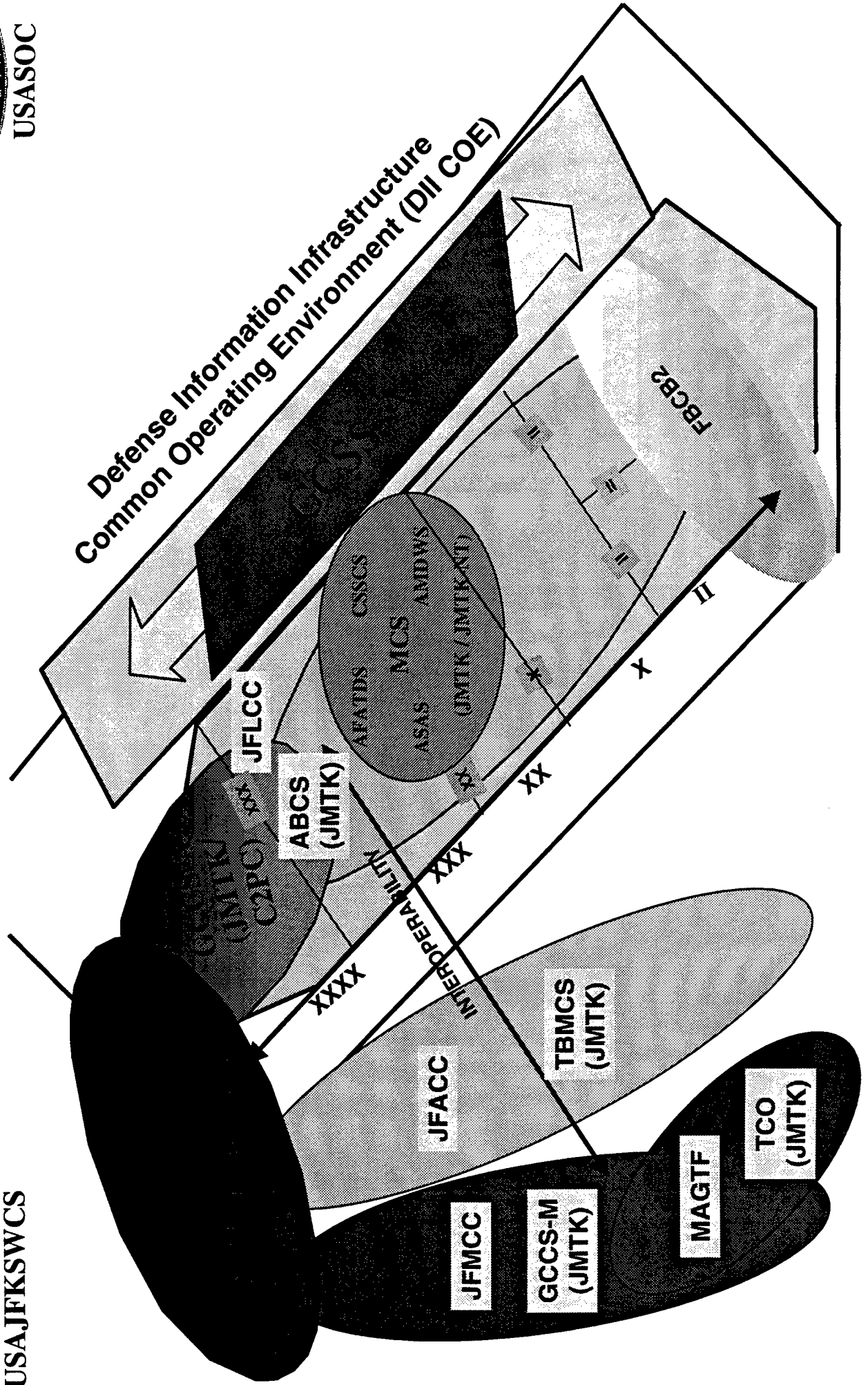


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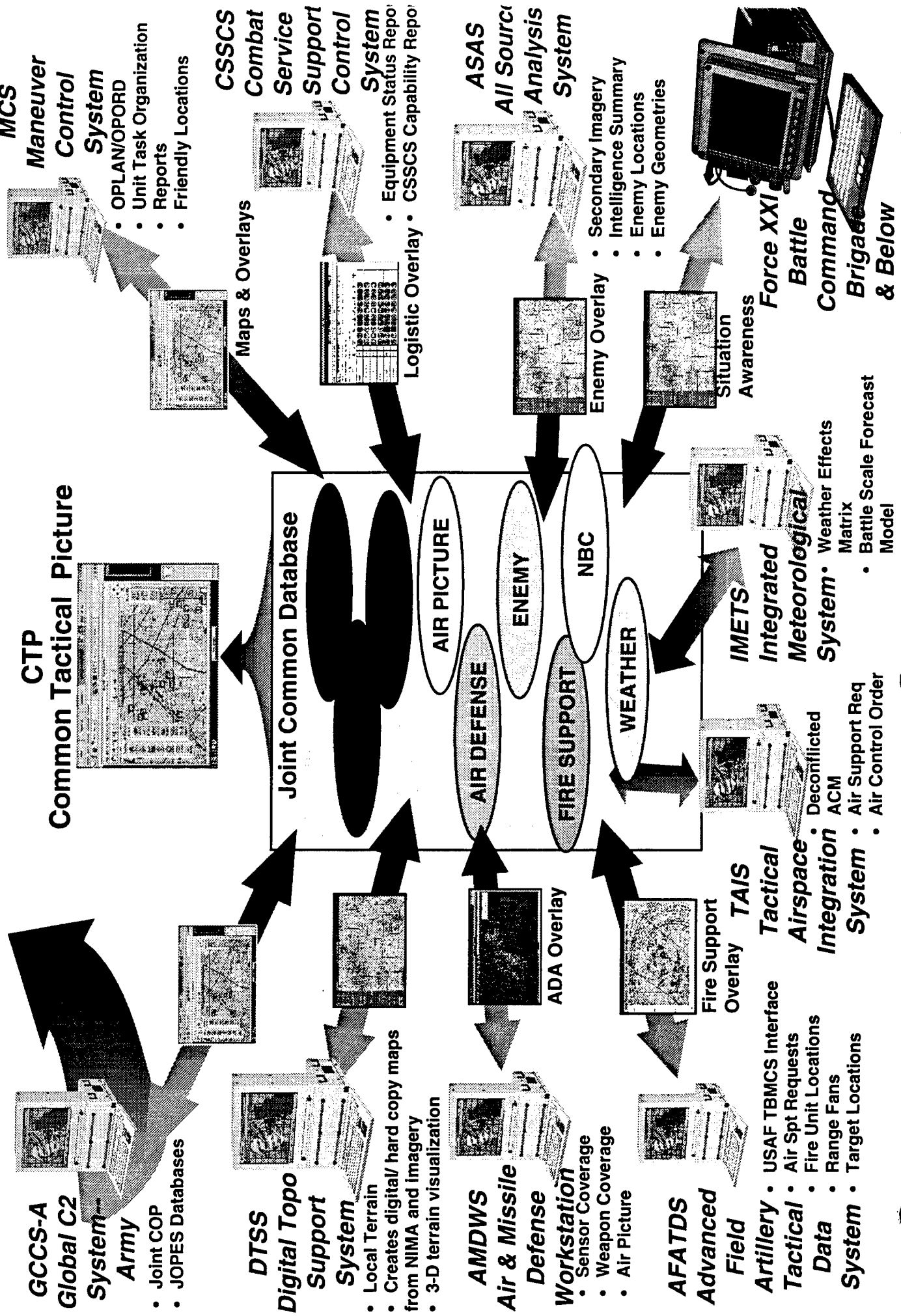
JOINT AND SERVICE DIGITAL C2 ARCHITECTURE

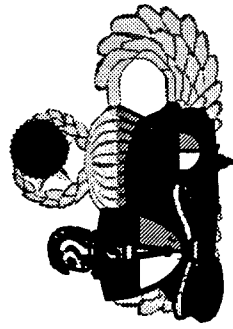


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ARMY BATTLE COMMAND SYSTEM 6.2





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JOINT SPECIAL OPERATIONS EMERGING DIGITAL ENVIRONMENT



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Global Command and Control System	DISA	Fielded
Army Battle Command System	USA	Developmental
Theater Battle Management Core Systems	USAF	Fielding
Special Warfare Automated Mission Planning System	NSWC	Fielded
JDISS-SOCRATES	USSOCOM	Fielded
Joint Tactical Terminal		
Global Broadcast System		Fielding
SOF Tactical Assured Connectivity System	USSOCOM	Developmental
Tactical LAN	USSOCOM	Developmental
Joint Base Station with Outstation	USSOCOM	Fielding
JSOTF Tools	USSOCOM	Developmental
SOFPARS Air--Portable Flight Planning System	USSOCOM	Fielded
SOFPARS Ground	USSOCOM	Developmental
Multi-Mission Advanced Tactical Terminal		Fielding
Secure Enroute Communication Package--Improved	USSOCOM	Developmental
SPEAR / Land Warrior	USSOCOM	Developmental
Special Operations Tactical Video System	USSOCOM	Developmental
Lightweight Video Reconnaissance System	USA	Fielded
Advanced SO Planning & Rehearsal Parachute Simulation	USSOCOM	Developmental

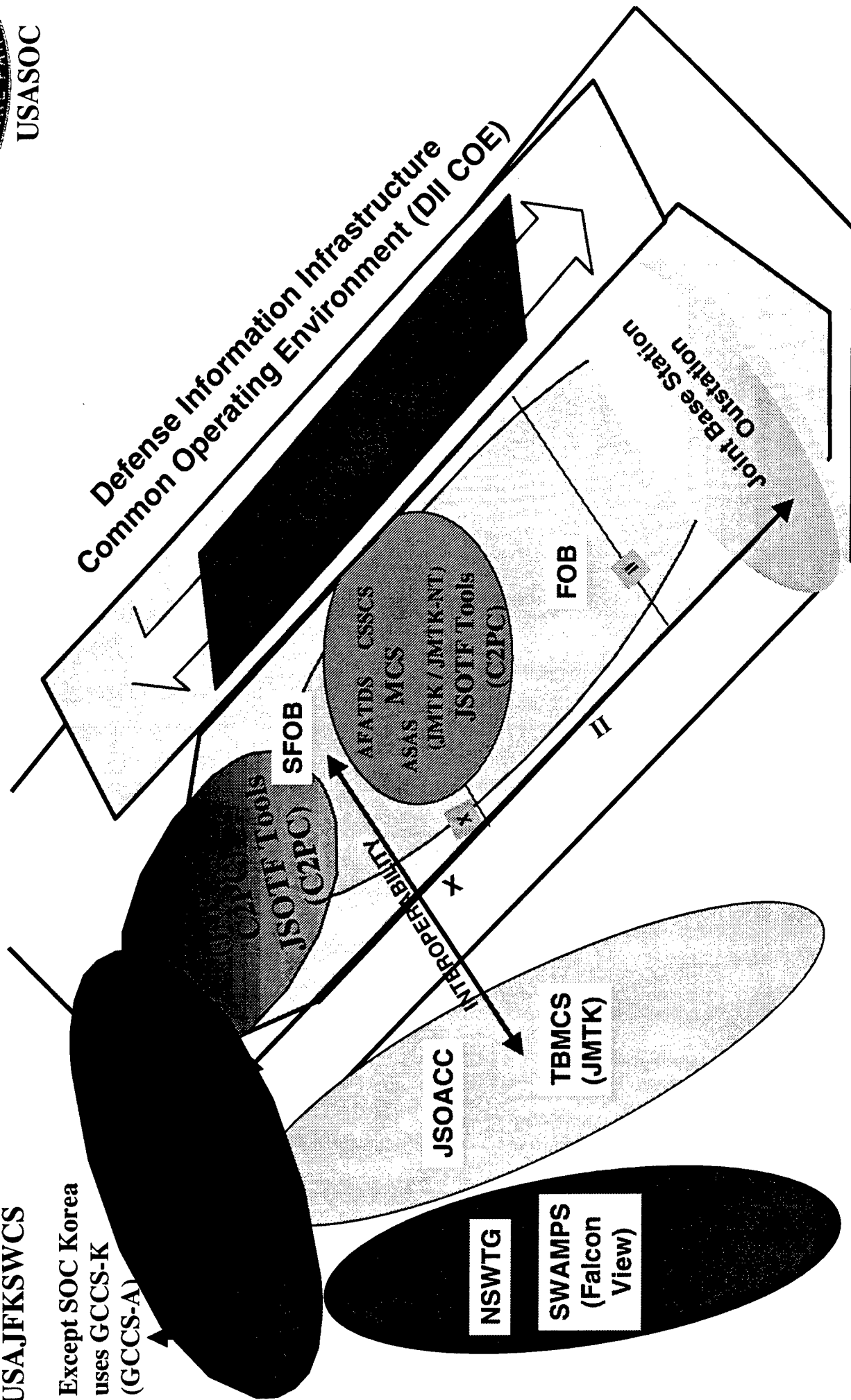


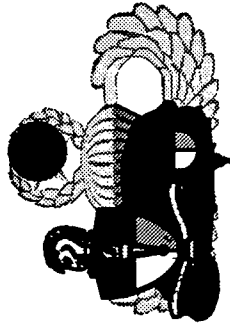
**Except SOC Korea
uses GCCS-K
(GCCS-A)**



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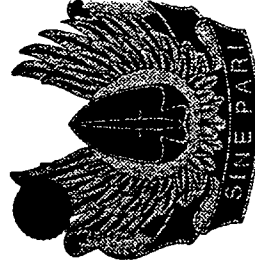
JOINT SPECIAL OPERATIONS FORCES DIGITAL C2 ARCHITECTURE





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STRATEGY TO ADDRESS ARSOF DIGITAL C2 CHALLENGES



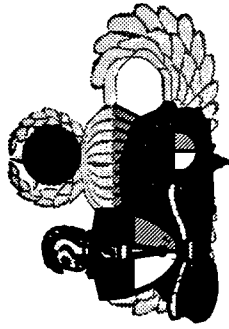
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- Identify ABCS functions useful to ARSOF
 - Robust ARSOF BOIP
 - Ensures interoperability with conventional Army
 - Leverages Army developed Joint and other Service interoperability
- Examine current / emerging DOD and SOF systems
 - Defense Information Systems Agency--Global C2 System JSOC
 - SOAL, USSOCOM--JSOTF Tools, etc.
 - SOFPARS for detachment route planning, MDMP, etc.
 - Joint Base Station, etc.
- Develop concept / demonstrate efficient use of appropriate systems
- Digital C2 ICT/RIPT document requirements and interoperability voids
- Leverage DARPA Active Templates technology and other Programs



ACTIVE TEMPLATES TECHNOLOGY

- Concept
- Joint Special Operations Task Force Tools
 - Synchronization Matrix
 - Checklist



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DIGITAL C2 ASSESSMENT EVENTS



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- 23 Apr - 8 Jun 01 Unified Vision (USJFCOM)
- 14-18 May 01 Prairie Warrior
- 15-19 Oct 01 Division Capstone Exercise, Phase 2
- 6-13 May 02 Prairie Warrior
- 18 Jul-9 Aug 02 Millennium Challenge (USJFCOM)
- 11-19 Dec 02 Corps Advanced Warfighting Experiment
- TBD Initial Brigade Combat Team JRTC



ARMY SPECIAL OPERATIONS BATTLE LAB



DISCUSSION