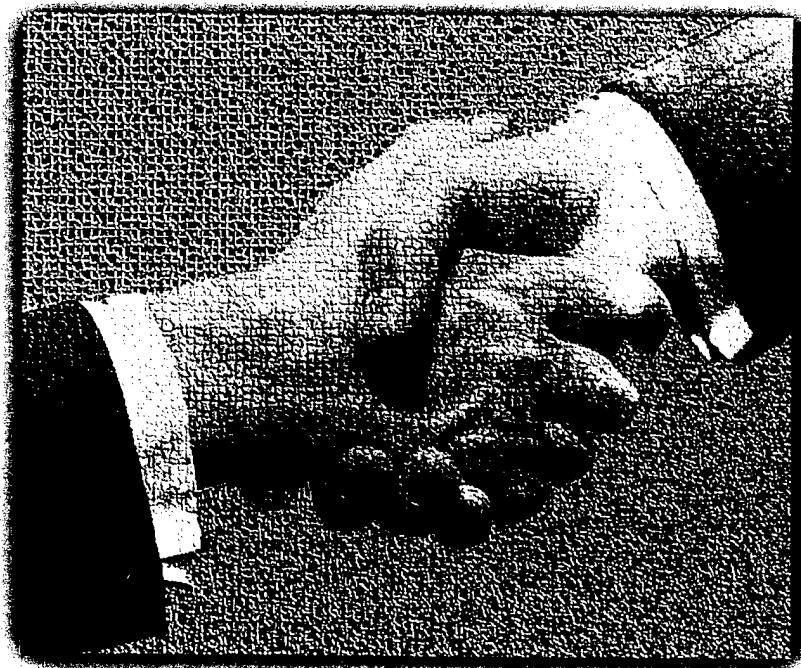


ADVANCE PLANNING BRIEFING FOR INDUSTRY



19990608 093

DISTRIBUTION STATEMENT A
Approved for Public Release
Distribution Unlimited

MAY 17-18, 1999

UNITED STATES ARMY
COMMUNICATIONS-ELECTRONICS COMMAND

AQU99-08-1367

PLEASE CHECK THE APPROPRIATE BLOCK BELOW:

AO# 499-08-1367

The Advanced Planning Briefing for Industry, May 17-18, 1999

☐ One copies are being forwarded. Indicate whether Statement A, B, C, D, E, F, or X applies.


DISTRIBUTION STATEMENT A:

APPROVED FOR PUBLIC RELEASE: DISTRIBUTION IS UNLIMITED



DISTRIBUTION STATEMENT B:

DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES ONLY; (Indicate Reason and Date). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO (Indicate Controlling DoD Office).



DISTRIBUTION STATEMENT C:

DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS; (Indicate Reason and Date). OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO (Indicate Controlling DoD Office).



DISTRIBUTION STATEMENT D:

DISTRIBUTION AUTHORIZED TO DoD AND U.S. DoD CONTRACTORS ONLY; (Indicate Reason and Date). OTHER REQUESTS SHALL BE REFERRED TO (Indicate Controlling DoD Office).



DISTRIBUTION STATEMENT E:

DISTRIBUTION AUTHORIZED TO DoD COMPONENTS ONLY; (Indicate Reason and Date). OTHER REQUESTS SHALL BE REFERRED TO (Indicate Controlling DoD Office).



DISTRIBUTION STATEMENT F:

FURTHER DISSEMINATION ONLY AS DIRECTED BY (Indicate Controlling DoD Office and Date) or HIGHER DoD AUTHORITY.



DISTRIBUTION STATEMENT X:

DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND PRIVATE INDIVIDUALS OR ENTERPRISES ELIGIBLE TO OBTAIN EXPORT-CONTROLLED TECHNICAL DATA IN ACCORDANCE WITH DoD DIRECTIVE 5230.25, WITHHOLDING OF UNCLASSIFIED TECHNICAL DATA FROM PUBLIC DISCLOSURE, 6 Nov 1984 (Indicate date of determination). CONTROLLING DoD OFFICE IS (Indicate Controlling DoD Office).



This document was previously forwarded to DTIC on _____ (date) and the AD number is _____.



In accordance with provisions of DoD instructions, the document requested is not supplied because:



It will be published at a later date. (Enter approximate date, if known).



Other. (Give Reason)

DoD Directive 5230.24, "Distribution Statements on Technical Documents," 18 Mar 87, contains seven distribution statements, as described briefly above. Technical Documents must be assigned distribution statements.

Authorized Signature/Date

Print or Type Name

Telephone Number

TOTAL P.02

Encl 2



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND
AND FORT MONMOUTH
FORT MONMOUTH, NEW JERSEY 07703-5000



Office of the Commanding General

Ladies and Gentlemen:

On behalf of the Army C4IEW and Sensors Team, I am pleased to present these proceedings of the 1999 Advance Planning Briefing for Industry (APBI) entitled "Partnering with Industry to Achieve Information Dominance for Force XXI and the Army After Next." The objective of this publication is to provide industry with a comprehensive overview of our research and development programs, sustainment efforts and corresponding contract opportunities available to industry within the next five years.

The Army C4IEW and Sensors Team is dedicated to providing the most sophisticated, technologically superior equipment for our forces in the 21st century. Partnering with industry is essential to maintaining the technological edge. Equipping our forces with new and advanced technologies will greatly enhance their capabilities to execute their missions successfully.

I welcome your participation in our APBI program and thank you for your continued support to our warfighters.

Sincerely,

Robert L. Nabors
Major General, U.S. Army
Commanding

NOTICE

This publication contains the briefings presented during this Advance Planning Briefing for Industry (APBI). Following the APBI, you may obtain a Proceedings Book in either of the following ways:

- On the World Wide Web at www.monmouth.army.mil/cecom/ac/hq/apbi**
or
- For a minimal fee by contacting the Defense Technical Information Center (DTIC). The telephone number is: (800) 225-3842.**

We hope that the above publication proves beneficial to your long-range planning efforts. If you have any additional questions and/or suggestions, please contact the Planning, Analysis and Integration Directorate, AMSEL-PE-OD, ATTN: Denise Ellison, (732) 532-8674.

DISCLAIMER

The use of trade names in this report does not constitute official endorsement of any products. This report may not be cited for purpose of advertisement.

The information provided is accurate as of the time of publication, and may be subject to change.

**THE OVERALL
CLASSIFICATION OF
THIS PUBLICATION IS
UNCLASSIFIED**

CONTENTS

	Page
WELCOMING REMARKS	1
ARE YOU READY FOR PAPERLESS CONTRACTING?.....	7
UPDATE OF MAY 1998 LEVEL I APBI CONTRACT OPPORTUNITIES	
LOGISTICS AND READINESS CENTER CONTRACT OPPORTUNITIES.....	83
SOFTWARE ENGINEERING CENTER CONTRACT OPPORTUNITIES	173
PEO STAMIS CONTRACT OPPORTUNITIES	189
PEO IEW&S CONTRACT OPPORTUNITIES	205
GUEST SPEAKER.....	253
RESEARCH DEVELOPMENT AND ENGINEERING CENTER CONTRACT.....	259
OPPORTUNITIES	
TOTAL ENGINEERING AND INTEGRATION SERVICES (TEIS) CONTRACT	317
PEO C3S CONTRACT OPPORTUNITIES.....	325
SYSTEMS MANAGEMENT CENTER CONTRACT OPPORTUNITIES.....	337
BUSINESS SUPPORT AND BASE SUPPORT CONTRACT OPPORTUNITIES.....	357
SYMPOSIUM PARTICIPANTS	375

WELCOMING REMARKS

MG ROBERT L. NABORS

**COMMANDING GENERAL
CECOM**



MAJOR GENERAL ROBERT L. NABORS

COMMANDING GENERAL

United States Army

Communications-Electronics Command

And Fort Monmouth, New Jersey

Major General Robert L. Nabors has been the Commander of the Communications-Electronics Command and Fort Monmouth since September 1, 1998.

MG Nabors was born in Boston, Massachusetts, and grew up in Lackawanna, New York. He holds a Bachelor of Science degree in Systems Engineering from the University of Arizona; a Master of Science degree in Systems Management from the University of Southern California; and served as a Senior Fellow in the National Security Affairs Program at Harvard University. He is also a graduate of the Senior Officials in National Security Program at Harvard University. His military schooling includes the Signal Officer Candidate School, the Signal Officer Basic and Advanced Courses and the Armed Forces Staff College.

MG Nabors' initial duty assignment was with the 67th Signal Battalion at Fort Riley, Kansas. After a tour in Vietnam, MG Nabors served at Fort Dix, New Jersey; Aberdeen Proving Ground, Maryland; and Worms, Germany. In November 1979, MG Nabors was selected as Aide-de-Camp for the Commanding General, VII Corps. MG Nabors was attached to the J-6 Staff of the Combined Forces Command/United States Forces, Korea and subsequently, served as the S-2/3 of the 41st Signal Battalion. In December 1983, he was assigned to the Office of the Director of Plans, Programs, and Policy at the United States Readiness Command, and was then selected to command the 509th Signal Battalion in Italy.

MG Nabors served as Special Assistant to the U.S. Army's Director of Information Systems for Command, Control, Communications, and Computers (DISC4). He was also Chief, Integration Division, Architecture Directorate. Prior to assuming command of the 2nd Signal Brigade in December 1990, MG Nabors served as Deputy Commander, White House Communications Agency. MG Nabors served as the Executive Officer for the DISC4 before his assignment as Director, Single Agency Manager for Pentagon Information Technology Services. MG Nabors assumed command of

5th Signal Command on November 22, 1995.

MG Nabors' awards and decorations include the Defense Superior Service Medal; Legion of Merit with four Oak Leaf Clusters; the Bronze Star Medal; Meritorious Service Medal with four Oak Leaf Clusters; the Joint Service Commendation Medal; the Army Commendation Medal with four Oak Leaf Clusters; the Department of the Army Staff Identification Badge; the Joint Meritorious Unit Award; and the Presidential Support Badge. MG Nabors is a member of the American Mensa Society.

MG Nabors and his wife, Valerie, have three adult children: Robert, Richard and Jonathan.

NOTES



MR. EDWARD G. ELGART
DIRECTOR
CECOM Acquisition Center
US Army Communications-Electronics Command
Fort Monmouth, New Jersey

Edward G. Elgart is the Director of the CECOM Acquisition Center, US Army Communications-Electronics Command (CECOM), Fort Monmouth, New Jersey, Fort Huachuca, Arizona, and Alexandria, Virginia. He also serves as the Principal Assistant Responsible for Contracting for that activity, Tobyhanna Army Depot, Army Signal Command, 5th Signal Command and TAO. He is responsible for the acquisition and support of Army and joint command, control, communications, computers, intelligence, electronic warfare, sensors and information management systems, estimated at \$4 billion annually.

Mr. Elgart served as the Acting Deputy Assistant Secretary of the Army for Procurement from May 1997-May 1998. In that capacity he was responsible for oversight and policy for all Army procurements, acquisition reform, and advocacy for the industrial base, as well as the proponent for the Army contracting career field. He also served during that time as the Competition Advocate General, the Commercial Items/NDI Advocate, Chairman of the Contract Adjustment Board, and the Task Order Ombudsman for the Army. Notable achievements during his tenure included execution of a \$31 billion procurement program, savings of \$16 billion in weapon systems life cycle costs, restructuring the professional and educational requirements for the contracting career field, and designing the architecture and fielding plan for the achievement of paperless contracting throughout the Army.

From 1985-1989, Mr. Elgart served in a variety of management positions with the Defense Logistics Agency, first at DCASPRO Teledyne CAE, then at DCASMA Detroit, and culminating as the Director of Contract Management for the Defense Contract Administration Services Region Chicago. In that position, he was responsible for the administration of 18,000 defense contracts valued in excess of \$19 billion.

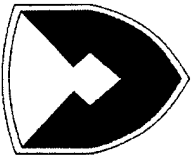
Mr. Elgart began his career in government service in 1976 as a Contract Specialist intern, procuring tactical radio equipment for the Army Electronics Command. In 1981, as the Chief,

Readiness Policy Branch, he led a task force to reduce procurement administrative lead time within the command. During his tenure as a Contracting Officer from 1983-1985, he was responsible for the negotiation and award of the \$4.3 billion contract for the Mobile Subscriber Equipment battlefield communications system.

Mr. Elgart entered the Senior Executive Service in June 1989, and is a 1996 recipient of the Presidential Meritorious Executive Rank Award. He is a Fellow of the National Contract Management Association and a previous Fort Monmouth Chapter President and Executive Director. His awards and decorations include the Meritorious Civilian Service Medal, the Honorable Order of Saint Barbara, and the Army Staff Identification Badge. He was the first recipient of the Acquisition Career Management Advocate of the Year award. Mr. Elgart holds membership in numerous professional associations and is a member of the Army Acquisition Corps and the American Mensa Society.

Mr. Elgart is a graduate of the Federal Executive Institute and the Command and General Staff Officer Course. He is also a graduate of the Brookings Institution-University of North Carolina Leadership 2000 program and the Center for Creative Leadership. He has a Bachelor's Degree in Biology from Kean College and a Masters Degree in Business Administration from Fairleigh Dickinson University.

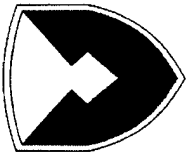
He is married to the former Mary Ellen Reed of Deal, New Jersey. They have two children; Lindsay and Stephen.



ARE YOU READY FOR PAPERLESS CONTRACTING?

**EDWARD G. ELGART
DIRECTOR
CECOM ACQUISITION CENTER**





DoD PAPERLESS CONTRACTING GOAL

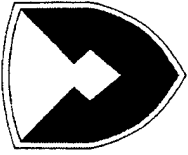


100% PAPERLESS CONTRACTING PROCESS

BY 01 JAN 2000

- **REQUIREMENTS HAND OFF**
- **SOLICITATION ISSUANCE**
- **CONTRACT AWARD**
- **CONTRACT ADMINISTRATION**
- **RECEIPT, ACCEPTANCE,
INVOICE&PAYMENT**
- **CONTRACT CLOSEOUT**





ARMY'S BUSINESS OPPORTUNITIES PAGE



<http://abop.monmouth.army.mil>

ARMY BUSINESS OPPORTUNITIES

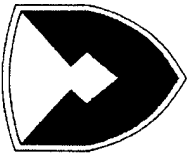
- **PUBLIC ACCESS TO VIEW AND DOWNLOAD
MESSAGES AND SOLICITATION DOCUMENTS**

SECURE SERVICES

- **VIEW AND DOWNLOAD MESSAGES &
SOLICITATION DOCUMENTS**
- **SUBMIT PROPOSALS, ASK QUESTIONS,
CONDUCT NEGOTIATIONS**
- **CONTRACT AWARD & ADMINISTRATION**

BOP HELP DESK: 1-888-414-2677





REQUIREMENTS FOR USING THE BOP



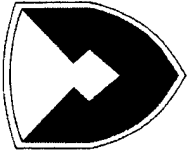
WHAT'S NEEDED TO ACCESS THE BOP?

- PERSONAL COMPUTER WITH INTERNET ACCESS
 - NETSCAPE V4 OR INTERNET EXPLORER V4 OR HIGHER VERSION BROWSERS
- SOFTWARE NEEDED TO READ BOP FILES
 - ADOBE ACROBAT READER
 - (DOWNLOAD AT NO COST FROM THE WEB)
 - MICROSOFT OFFICE 97 OR HIGHER

WHAT'S NEEDED TO UTILIZE A SECURE ACCOUNT?

- REGISTER FOR AN ONLINE ACCOUNT ON BOP
- ADOBE ACROBAT V4





SECURITY ON THE BOP

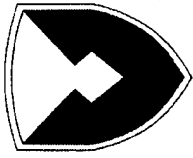
PROTECTION OF BOP SECURE SERVICES DATA

- ONLINE REGISTRATION ASSIGNS USER NAME AND PASSWORD ALLOWING FOR ENCRYPTED TRANSMISSION OF DATA USING A 128 BYTE SECURE SOCKET LAYER TECHNOLOGY
- ENCRYPTED DATA IS STORED IN CECOM'S BOP SERVER
- NO CLASSIFIED MATERIAL TRANSMITTED ON THE BOP

ENCRYPTED

TRANSMISSION





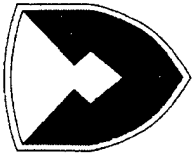
ISSUES TO BE ADDRESSED BY CONTRACTORS

CONTRACTORS NEED TO

- **BECOME COMFORTABLE WITH THE USE OF
SECURED ACCOUNTS**
- **TRUST SECURE SOCKET LAYER TECHNOLOGY**
- **SET UP THEIR NETWORKS TO RELEASE
PROPRIETARY DATA**

**YOUR FIREWALLS COULD PREVENT
PROPOSAL TRANSMISSION**



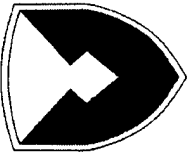


TECHNICAL IMPROVEMENTS



- CECOM WILL UPGRADE ITS BANDWIDTH BY GOING FROM A T1 TO A T3 LINE BY JUNE 99
- BOP DATA IS REPLICATED DAILY INTO A SECOND SECURE SERVER





WORK IN PROGRESS

•DoD's WEB-BASED BILL PAYING PROCESS

(Completion Date 1 Jan 2000)

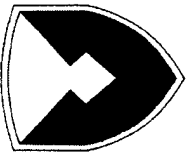
- ELECTRONIC SUBMISSION OF DD250
- ELECTRONIC SUBMISSION OF INVOICES
- ELECTRONIC PAYMENTS

•BOP DIGITAL SIGNATURE

(Completion Date 1 Jan 2000)

- CONTRACT AWARDS & CORRESPONDENCE
- BY GOVERNMENT & INDUSTRY



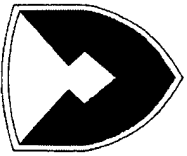


GOALS

INTEGRATED DIGITAL ENVIRONMENT GOALS

- PAPERLESS CONTRACTING BY JAN 2000
- PAPERLESS REQUIREMENTS BY JAN 2002
- ALL OTHER SYSTEMS PAPERLESS BY JAN 2005





PAPERLESS CONTRACTING INFORMATION

WEB SITES

DEPARTMENT OF DEFENSE

<http://www.acq.osd.mil/pciapt/>

SECRETARY OF THE ARMY

<http://acqnet.sarda.army.mil/paperless/default.htm>

BUSINESS OPPORTUNITY PAGE WEB SITE

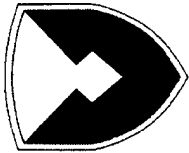
<http://abop.monmouth.army.mil>

BOP POINT OF CONTACT:

STEPHEN LASCELLES AT (732) 532-3822

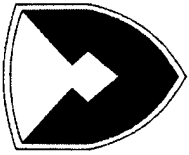
MATTHEW MEINERT AT (732) 427-1498





PAPER FREE- THE WAY TO BE

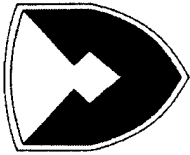




CECOM ACQUISITION CENTER

SUMMARY OF LAST YEARS CONTRACT OPPORTUNITIES

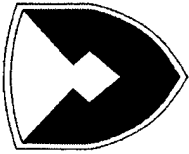
CECOM Bottom Line: The Soldier



AWARDED ON-GOING POSTPONED CANCELED

RDEC	8 \$31M	6 \$49-87M	2 \$2.5-3M	1 \$0.5-1M
ISEC	NONE	1 \$300-350M	NONE	1 \$1-6M
SMC	5 \$635M	9 \$0.7-1.4B	3 \$47-55M	2 \$0.4-1.2B

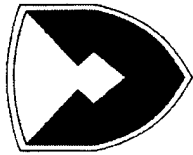
CECOM Bottom Line: The Soldier



AWARDED **ON-GOING** **POSTPONED** **CANCELED**

LRC	NONE	6	1	NONE
		\$7-1B	\$150-170M	
SEC	1	2	NONE	3
	\$147M	\$50-62M		\$140-183M
PEO	2	3	NONE	NONE
C3S	\$59M	\$245-280M		

CECOM Bottom Line: The Soldier



AWARDED **ON-GOING** **POSTPONED** **CANCELED**

PEO 4 7 NONE NONE

IEW&S \$162M \$1-1.5B

PEO NONE 5 NONE NONE

STAMIS \$1-1.4B

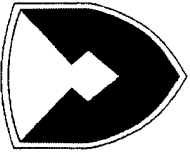
TOTAL

PROGRAMS 20 39 6 7

TOTAL

\$ AMOUNT \$1B \$4-6.1B \$.2B \$.5-1.4B

CECOM Bottom Line: The Soldier



Contract Title

•**OBJECTIVE:**

•**CONTRACT TYPE:**

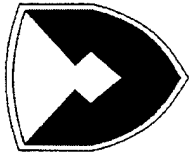
•**ESTIMATED VALUE:**

•**KEY MILESTONES:**

•**TECHNICAL CONTACT:**

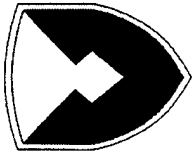
•**ACQUISITION CONTACT:**





AWARDED 1998 REQUIREMENTS

CECOM Bottom Line: The Soldier



TITLE: ARMY PERSONNEL COMPUTER-3

CUSTOMER: SMC

AWARDED: 23 FEB 99 (MULTIPLE AWARD)

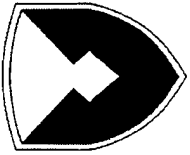
DOLLAR AMT: \$300M EACH

CONTRACTORS: INTELLISYS TECHNOLOGY CORP

GOVERNMENT TECHNOLOGY SERVICES,
INCORPORATED (GTSI)

CONTRACTING OFFICER: VERA DAVIS (703)325-3307

CECOM Bottom Line: The Soldier



TITLE: ARMY VIDEO TELECONFERENCING-1
(VTC-1)

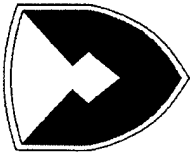
CUSTOMER: SMC

AWARDED: 15 OCT 98 - BPA
DOLLAR AMT: -0-

CONTRACTORS: ELECTRONIC DATA SYSTEMS, INC.
LUCENT TECHNOLOGIES, INC.

CONTRACTING OFFICER: GAIL CLEMENTS
(732) 532-4385

CECOM Bottom Line: The Soldier



**TITLE: INFRASTRUCTURE ARCHITECTURE
SOLUTIONS-1 (IAS-1)**

**TITLE CHANGED TO: INFRASTRUCTURE SUPPORT-1
(IS-1)**

CUSTOMER: SMC

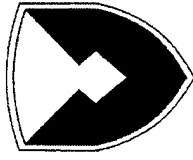
AWARDED: 16 NOV 98

**DOLLAR AMT: ID/IQ - OBLIGATED \$100,000
CEILING \$380M**

CONTRACTOR: TELOS CORPORATION

**CONTRACTING OFFICER: MARY O'HARA
(703) 325-3343**

CECOM Bottom Line: The Soldier



**TITLE: FIREFINDER BLOCK II P3I PROGRAM
(AN/TPQ-37/AN/TPQ-47 - new nomenclature)
CUSTOMER: PEO-IEW&S**

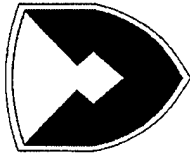
AWARDED: 19 MAY 98

DOLLAR AMT: \$11.8M

**CONTRACTOR: RAYTHEON/HUGHES AIRCRAFT COMPANY
SENSORS & COMMUNICATIONS**

**CONTRACTING OFFICER: GAIL CLEMENTS
(732) 532-4385**

CECOM Bottom Line: The Soldier

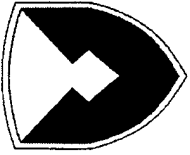


TITLE: THERMAL OMNIBUS
CUSTOMER: PEO IEW&S

AWARDED: 18 JUN 98
DOLLAR AMT: \$73,056,014
CONTRACTOR: RAYTHEON TI SYSTEMS, INC.

CONTRACTING OFFICER: JUDY ANDERSON
(703) 427-1408

CECOM Bottom Line: The Soldier



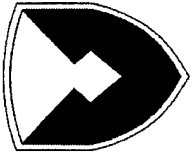
TITLE: OMNIBUS V
CUSTOMER: PEO IEW&S

AWARDED: 30 JUN 98 (MULTIPLE AWARD)
DOLLAR AMT: \$36,374,116
\$24,540,816

CONTRACTORS: LITTON SYSTEMS, INC., EOS DIV
ITT CORP, ITP NIGHT VISION DIV

CONTRACTING OFFICER: JACK KULAGA
(732) 427-1356

CECOM Bottom Line: The Soldier

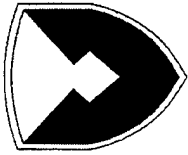


TITLE: LIFE CYCLE SYSTEM & SOFTWARE
ENGINEERING SUPPORT FOR FIRE SUPPORT
COMMAND, CONTROL, FIRE DIRECTION AND
OTHER SYSTEMS
CUSTOMER: SEC

AWARDED: 17 MAR 99
DOLLAR AMT: \$147,139,236
CONTRACTOR: TELOS CORPORATION

CONTRACTING OFFICER: DEBRA SHREVE
(732) 532-2461

CECOM Bottom Line: The Soldier



TITLE: SOLID STATE NEAR IR SENSORS
CUSTOMER: RDEC

AWARDED: (MULTIPLE AWARD)

DATE OF AWARD: 28 JUL 98

31 AUG 98

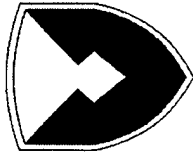
DOLLAR AMT: \$357,275.00

\$356,067.00

CONTRACTOR: FERMIONICS CORPORATION
ROCKWELL SCIENCE CENTER

CONTRACTING OFFICER: VIRGINIA KNIGHT
(732) 532-4348

CECOM Bottom Line: The Soldier



TITLE: MULTI-FUNCTION STARING SENSOR SUITE
(MFS3)

CUSTOMER: RDEC

AWARDED: 25 SEP 98

DOLLAR AMT: \$26.1M

CONTRACTOR: RAYTHEON SYSTEMS COMPANY

CONTRACTING OFFICER: KAREN CONTI

(732) 532-1984

CECOM Bottom Line: The Soldier

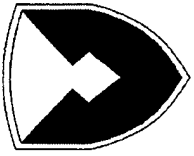


TITLE: ACUS RADIO MODERNIZATION PROGRAM
CUSTOMER: PEO C3S

AWARDED: 23 JUN 98
DOLLAR AMT: \$17,473,835
CONTRACTOR: CANADIAN MARCONI COMPANY

CONTRACTING OFFICER: KEN TEDESCHI
(732) 532-4846

CECOM Bottom Line: The Soldier

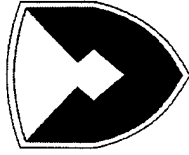


TITLE: AN/GSC-52 MODERNIZATION PROGRAM
CUSTOMER: PEO C3S

AWARDED: 29 MAY 98
DOLLAR AMT: \$41,334,134.00
CONTRACTOR: HARRIS CORPORATION

CONTRACTING OFFICER: THEODORE KORDOWER
(732) 427-6095

CECOM Bottom Line: The Soldier

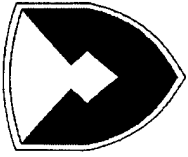


TITLE: SHF SATELLITE COMM OTM
CUSTOMER: RDEC

AWARDED: JUL 98 - BAA
DOLLAR AMT: \$683,460.00
CONTRACTOR: HARRIS CORPORATION

CONTRACTING OFFICER: LINDA MCGARRY
(732) 427-1398

CECOM Bottom Line: The Soldier



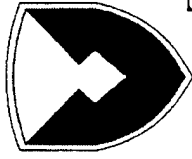
**TITLE: LOW POWER DISPLAY COMPONENTS
(SCIENCE TECHNOLOGY OBJECTIVES (STO))
CUSTOMER: RDEC**

**ITEM: ANALOG ACTIVE MATRIX ELECTRO
LUMINESCENT (AMEL) DISPLAY**

**AWARDED: 14 DEC 98
DOLLAR AMT: \$1.5M
CONTRACTOR: PLANAR SYSTEMS, INC.**

**CONTRACTING OFFICER: DEBBIE GILLIGAN
(732) 532-5454**

CECOM Bottom Line: The Soldier



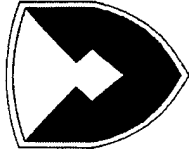
TITLE: CICM UHF COSITE MITIGATION FOR BRIGADE
LIGHT DIGITAL TOC (LDTOC)
CUSTOMER: RDEC

WIDE BAND AMPLIFIER
AWARDED: 11 FEB 99
DOLLAR AMT: \$133,000.00
CONTRACTOR: XETRON CORPORATION

UHF MULTIPLEXER/INTERFERENCE CANCELED
AWARDED: 27 FEB 98
DOLLAR AMT: \$810,622.00
CONTRACTOR: XETRON CORPORATION
CONTRACTING OFFICER: VIRGINIA KNIGHT

(732) 532-4348

CECOM Bottom Line: The Soldier

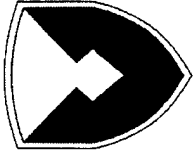


TITLE: TACTICAL C2 PROTECT
CUSTOMER: RDEC

AWARDED: 28 DEC 98
DOLLAR AMT: \$299,775.00
CONTRACTOR: GTE INTERNETWORKING

CONTRACTING OFFICER: ANDREW DELLOMO
(732) 532-3569

CECOM Bottom Line: The Soldier

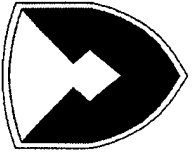


TITLE: COMMUNICATION EXPLOITATION TOOLS
CUSTOMER: RDEC

AWARDED: 09 NOV 98
DOLLAR AMT: \$525,000.00
CONTRACTOR: BOOZ ALLEN & HAMILTON, INC.

CONTRACTING OFFICER: VIRGINIA KNIGHT
(732) 532-4348

CECOM Bottom Line: The Soldier



TITLE: HIGH VALUE ASSET SECURITY CONTAINER
(HVASC) (LOW RATE INITIAL PRODUCTION (LRIP))
CUSTOMER: SMC

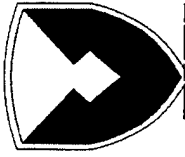
AWARDED: 10 FEB 99
DOLLAR AMT: \$100,000.00

CONTRACTOR: UNICOR - FEDERAL PRISON INDUSTRIES

CONTRACTING OFFICER: MARY BYRD
(703) 325-1714

NOTE: SEE ACTIVE REQUIREMENTS CHART FOR
FOLLOW - ON - FFP - ID/IQ BUY

CECOM Bottom Line: The Soldier



TITLE: GPS RECEIVER APPLICATIONS MODULE
(GRAM)
CUSTOMER: SMC

SEVEN COST SHARING CONTRACTS AWARDED

14 AUG 98 - EST COST: \$2.4M - DYNAMICS RESEARCH CO.

24 JUL 98 - EST COST: \$4M - TRIMBLE

04 AUG 98 - EST COST: \$6.4M ROCKWELL COLLINS

24 JUL 98 - EST COST: \$9.9M - INTERSTATE ELECTRONICS

21 JUL 98 - EST COST: \$3.8M - ALLIANT TECHSYSTEMS

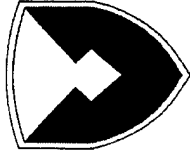
21 JUL 98 - EST COST: \$4.5M - ALLEN OSBORNE ELEC

04 AUG 98 - EST COST: \$4.04M - RAYTHEON

CONTRACTING OFFICER: LORI WILLIAMS

(310) 363-6193

CECOM Bottom Line: The Soldier



TITLE: STANDARD ADVANCED DEWAR ASSEMBLY
(SADA II)
CUSTOMER: PEO IEW&S

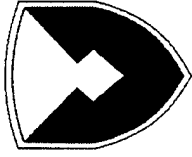
AWARDED: 11 JAN 99 (MULTIPLE AWARD)
DOLLAR AMT: \$3,588,780.00
\$6,742,360.00
\$6,161,381.00

CONTRACTORS: SOFRADIR

DRS INFRARED TECHNOLOGIES L.P.
RAYTHEON COMPANY
(DBA) RAYTHEON SYSTEMS COMPANY
CONTRACTING OFFICER: DEBORAH GILLIGAN

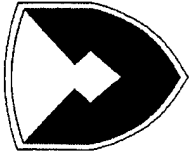
(732) 532-5454

CECOM Bottom Line: The Soldier



ACTIVE 1998 REQUIREMENTS

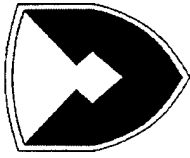
CECOM Bottom Line: The Soldier



TITLE: ARMY PORTABLE COMPUTER-3 (PORT-3)
CUSTOMER: SMC
RFP RELEASED: 14 JAN 99
FORECAST AWARD: 3QFY99
CONTRACTING OFFICER: MARY O'HARA
(703) 325-3343

TITLE: MAXI-MINIS AND ADATABASES-1 (MMAD-1)
CUSTOMER: SMC
RELEASE RFP: 2QFY02
FORECAST AWARD: 4QFY02
CONTRACTING OFFICER: CELESTE BOUCHER
(732) 532-4375

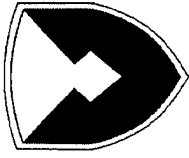
CECOM Bottom Line: The Soldier



TITLE: MOVEMENT TRACKING SYSTEM (MTS)
CUSTOMER: PEO STAMIS
RFP RELEASED: 05 FEB 99
FORECAST AWARD: 3QFY99
CONTRACTING OFFICER: KEVIN SOMMER
(703) 325-3346

TITLE: LIGHTWEIGHT VIDEO RECONNAISSANCE
CUSTOMER: PEO IEW&S
RELEASE RFP: 3QFY00
FORECAST AWARD: 4QFY00
CONTRACTING OFFICER: JACK KULAGA
(732)427-1356

CECOM Bottom Line: The Soldier



TITLE: JTACS SYSTEMS AND SOFTWARE ENGINEERING
SUPPORT FOR TACTICAL CIRCUIT/MESSAGE/PACKET
SWITCHES

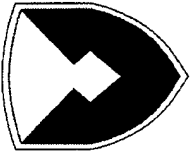
CUSTOMER: SEC

RELEASE RFP: TBD

FORECAST AWARD: TBD

CONTRACTING OFFICER: DEBRA SHREVE
(732) 532-2461

CECOM Bottom Line: The Soldier



**TITLE: INTEGRATION SITUATIONAL AWARENESS
AND COUNTERMEASURES
(SEPARATED INTO TWO SCIENCE TECHNOLOGY
OBJECTIVES (STO'S))
CUSTOMER: RDEC**

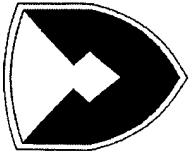
**INTEGRATED SITUATIONAL AWARENESS AND
TARGETING (ISAT)**

AND

**INTEGRATED COUNTERMEASURES (ICM)
FORECAST AWARD: 1QFY00 (ISAT)
FORECAST AWARD: TBD (ICM)**

CONTRACTING OFFICER: TDB

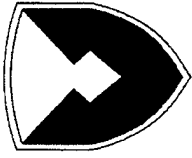
CECOM Bottom Line: The Soldier



TITLE: SINGLE CHANNEL ANTI-JAM MANPORTABLE
(SCAMP) BLOCK II
CUSTOMER: PEO C3S
RELEASE RFP: 4QFY00
FORECAST AWARD: 2QFY01
CONTRACTING OFFICER: WENDY MCCUTCHEON
(732) 532-5486

TITLE: COMMON NETWORK PLANNING SOFTWARE
(CNPS)
CUSTOMER: SMC
RFP RELEASED: 08 JAN 99
FORECAST AWARD: 3QFY99
CONTRACTING OFFICER: KATHY RIZZO
(732) 532-5798

CECOM Bottom Line: The Soldier



TITLE: OMNIBUS CONTRACT BUSINESS FUNCTIONAL
AREA SUPPORT

CUSTOMER: LRC

RELEASE RFP: TBD

FORECAST AWARD: TBD

CONTRACTING OFFICER: PHILIP DUERINCK (ACTING)
(732) 532-1125

TITLE: LRC OMNIBUS SUPPORT SERVICES WEAPON
SYSTEM ORIENTED SUPPORT

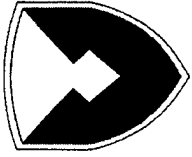
CUSTOMER: LRC

RELEASE RFP: 3QFY99

FORECAST AWARD: 4QFY99

CONTRACTING OFFICER: RICK FORSBERG(732)532-3547

CECOM Bottom Line: The Soldier

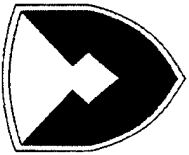


TITLE: LRC OMNIBUS SUPPORT SERVICES
READINESS ORIENTED SUPPORT
(TITLE CHANGED TO: FIELD SUPPORT)
CUSTOMER: LRC

RELEASE RFP: 3QFY99
FORECAST AWARD: 4QFY99

CONTRACTING OFFICER: RICK FORSBERG (732)532-3547

CECOM Bottom Line: The Soldier



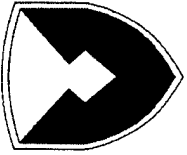
TITLE: AN/VIC-3 (VIS, VEHICULAR INTERCOM SYSTEM)
CUSTOMER: LRC

TWO BUYS: ADDITIONAL KITS - SOLE SOURCE -
NORTHROP
HEADSETS - COMPETITIVE

RELEASE RFPS: 3QFY99
FORECAST AWARDS: 1QFY00

CONTRACTING OFFICER: PATRICIA CALTIBILOTA
(732) 532-4847

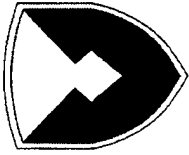
CECOM Bottom Line: The Soldier



TITLE: RECHARGEABLE BATTERY OMNIBUS
CUSTOMER: LRC
RELEASE RFP: 3QFY99
FORECAST AWARD: 1QFY00
CONTRACTING OFFICER: ROBERT REAGAN
(732) 532-1530

TITLE: AIRCRAFT BATTERY OMNIBUS
CUSTOMER: LRC
RELEASE RFP: 3QFY99
FORECAST AWARD: 4QFY99
CONTRACTING OFFICER: ROBERT REAGAN
(732) 532-1530

CECOM Bottom Line: The Soldier

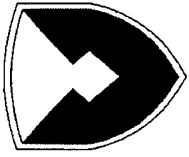


**TITLE: ADVANCED RADAR DECEPTION AND
COUNTERMEASURES
CUSTOMER: RDEC**

**KEY MILESTONES: 4QFY00 - TRANSITION DARPA
DIGITAL MODULE
4QFY02 - INTEGRATION OF
MODIFIED MODULES
4QFY04 - FIELD TESTING/WRITE
FINAL MODULES**

CONTRACTING OFFICER: TBD

CECOM Bottom Line: The Soldier

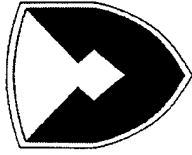


TITLE: LIGHTWEIGHT AIRBORNE MINEFIELD
DETECTION
CUSTOMER: RDEC

KEY MILESTONES: 4QFY99 - COMPLETE STUDY EFFORTS
4QFY01 - COMPLETE SENSOR BUILD
AND INTEGRATE
4QFY03 - CONDUCT SYSTEM
DEMONSTRATION

CONTRACTING OFFICER: ANNA KIMBERLY
(703) 325-5800

CECOM Bottom Line: The Soldier



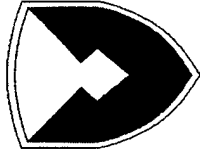
TITLE: SCATTERABLE MINEFIELD & MUNITIONS
DETECTION

CUSTOMER: RDEC

CONTRACT TYPE: BAA
FORECAST AWARD: FY00

CONTRACTING OFFICER: ANNA KIMBERLY
(703) 325-5800

CECOM Bottom Line: The Soldier



**TITLE: LOW POWER UNCOOLED IR SENSORS
(SCIENCE TECHNOLOGY OBJECTIVES (STO))
(MULTIPLE AWARDS))**

CUSTOMER: RDEC

**KEY MILESTONES: 4QFY00 - COMPLETE REQUIREMENTS
STUDIES**

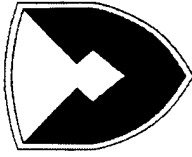
**4QFY01 - COMPLETE DESIGN OF
LOW POWER
4QFY03 - COMPLETE FABRICATION
FOR DELIVERY TO
EXISTING SYSTEMS**

INFRARED FOCAL PLANE ARRAY

FORECAST AWARD: 3QFY00

CONTRACTING OFFICER: TBD

CECOM Bottom Line: The Soldier



**TITLE: LOW POWER DISPLAY COMPONENTS
(SCIENCE TECHNOLOGY OBJECTIVES (STO))
(MULTIPLE AWARDS) (SEE ANALOG (AMEL) DISPLAY
AWARD)**

CUSTOMER: RDEC

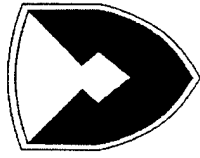
**KEY MILESTONES: 4QFY00 - DEMO MONOCHROME
1280 X102
4QFY02 - CONTINUE 1280 X 1024 X
1920 X 108
4QFY03 - COMPLETE**

**MANUFACTURING BASE
EFFORTS AND DEMO
IMPROVED DISPLAYS**

CONTRACTING OFFICER: DEBORAH GILLIGAN

(732) 532-5454

CECOM Bottom Line: The Soldier



TITLE: JTR ANTENNA

**(TITLE CHANGED TO: JTRS MULTIBAND ON THE MOVE
ANTENNA)**

CUSTOMER: RDEC

CONTRACT TYPE: CPFF (BAA)

FORECAST AWARD: 3QFY99

CONTRACTING OFFICER: VIRGINA KNIGHT (732)532-4348

TITLE: SECURITY SUPPORT SERVICES

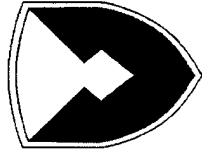
CUSTOMER: SEC

RELEASE RFP: 3QFY99

FORECAST AWARD: 1QFY00

CVONTRACTING OFFICER: DEBRA SHREVE (732)532-2461

CECOM Bottom Line: The Soldier

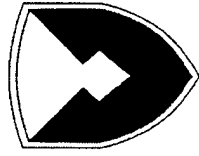


**TITLE: INFORMATION MISSION AREA (IMA III)
(TITLE CHANGED TO: TOTAL ENGINEERING AND
INTEGRATION SERVICES (TEIS))
CUSTOMER: ISEC**

**RELEASE RFP: 4QFY99
FORECASE AWARD: 1QFY00**

CONTRACTING OFFICER: SANDIE WILDE (520) 538-7472

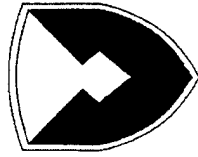
CECOM Bottom Line: The Soldier



TITLE: STAMIS COMPUTER CONTRACT (SCC III)
CUSTOMER: PEO STAMIS
RELEASE RFP: 3QFY02
FORECAST AWARD: 1QFY03
CONTRACTING OFFICER: TBD

TITLE: JCALS - SITE PREPARATION
CUSTOMER: PEO STAMIS
RELEASE RFP: 3QFY00
FORECAST AWARD: 4QFY00
CONTRACTING OFFICER: RICHARD STURGIS
(703) 806-0546

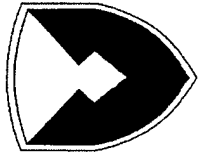
CECOM Bottom Line: The Soldier



TITLE: JCALS - COTS HARDWARE & SOFTWARE
CUSTOMER: PEO STAMIS
RELEASE RFP: 3QFY00
FORECAST AWARD: 4QFY00
CONTRACTING OFFICER: RICHARD STURGIS
(703) 806-0546

TITLE: AUTOMATIC IDENTIFICATION TECHNOLOGY
CUSTOMER: PEO STAMIS
RFP RELEASED: 23 MAR 99
FORECAST AWARD: 3QFY99
CONTRACTING OFFICER: GLORIA MCGEE
(703)325-2927

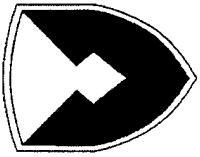
CECOM Bottom Line: The Soldier



TITLE: LOMG TERM LIFE CYCLE SUPPORT (LTLCS)
FOR NORTEL SWITCHED SYSTEMS
CUSTOMER: SMC
RELEASE RFP: 1QFY01
FORECAST AWARD: 4QFY01
CONTRACTING OFFICER: TBD

TITLE: LONG TERM LIFE CYCLE SUPPORT (LTLCS)
FOR AGCS SWITCHED SYSTEMS
CUSTOMER: SMC
RELEASE RFP: 3QFY01
FORECAST AWARD: 3QFY02
CONTRACTING OFFICER: TBD

CECOM Bottom Line: The Soldier



TITLE: REPLACEMENT DEFENSE SATELLITE
COMMUNICATIONS SYSTEM (DSCS)

CUSTOMER: SMC

RELEASE RFP: TBD

CONTRACTING OFFICER: JOHN ADAMITIS
(732) 532-3472

TITLE: MOBILE DETECTION ASSESSMENT RESPONSE
SYSTEM - INTERIOR (MDARS-I)

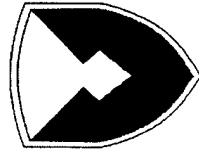
CUSTOMER: SMC

RELEASE RFP: 01 SEP 99

FORECAST AWARD: 3QFY99

CONTRACTING OFFICER: RICHARD STURGIS
(703) 325-6068

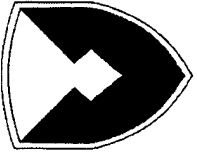
CECOM Bottom Line: The Soldier



TITLE: MOBILE DETECTION ASSESSMENT RESPONSE
SYSTEM - EXTERIOR (MDARS-E)
CUSTOMER: SMC
RELEASE RFP: 4QFY00
FORECAST AWARD: 1QFY01
CONTRACTING OFFICER: RICHARD STURGIS
(703) 325-6068

TITLE: HIGH VALUE ASSET SECURITY CONTAINER
(HVAS) (FOLLOW-ON BUY)
CUSTOMER: SMC
RELEASE RFP: 3QFY99
FORECAST AWARD: 3QFY99
CONTRACTING OFFICER: MARY BYRD (703)325-1714

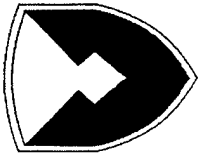
CECOM Bottom Line: The Soldier



TITLE: DEFENSE ADVANCED GPS RECEIVER (DAGR)
CUSTOMER: SMC
RELEASE RFP: TBD
FORECAST AWARD: TBD
CONTRACTING OFFICER: ART TRADER (310)363-0092

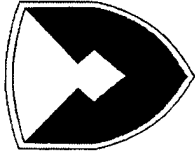
TITLE: LONG RANGE ADVANCED SCOUT SURVEILLANCE
SYSTEM (LRAS3)
CUSTOMER: PEO IEW&S
RELEASE RFP: 4QFY99
FORECAST AWARD: 1QFY00
CONTRACTING OFFICER: DEBORAH GILLIGAN
(732) 532-5454

CECOM Bottom Line: The Soldier



TITLE: HTI 2ND GENERATION FLIR
CUSTOMER: PEO IEW&S
RELEASE RFP: 4QFY99
FORECAST AWARD: 1QFY00
CONTRACTING OFFICER: DEBORAH GILLIGAN
(732) 532-5454

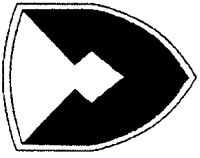
TITLE: AVIATION FLIR APACHE FLIR UPGRADE
CUSTOMER: PEO IEW&S
RELEASE RFP: 1QFY01
FORECAST AWARD: 2QFY01
CONTRACTING OFFICER: DEBORAH GILLIGAN
(732) 532-5454



TITLE: HORIZONTAL TECHNOLOGY INTEGRATION
OF TACTICAL LASER SYSTEMS
CUSTOMER: PEO IEW&S
RELEASE RFP: 2QFY00
FORECAST AWARD: 3QFY00
CONTRACTING OFFICER: DEBORAH GILLIGAN
(732) 532-5454

TITLE: PROFILER
CUSTOMER: PEO IEW&S
RELEASE RFP: 3QFY99
FORECAST AWARD: 2QFY00
CONTRACTING OFFICER: DEBORAH GILLIGAN
(732) 532-5454

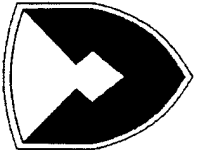
CECOM Bottom Line: The Soldier



TITLE: LIGHTWEIGHT LASER DESIGNATOR
RANGEFINDER (LLDR)
CUSTOMER: PEO IEW&S
RELEASE RFP: TBD
FORECAST AWARD: TDB
CONTRACTING OFFICER: JACK KULAGA (732) 427-1356

TITLE: ALL SOURCE ANALYSIS SYSTEM (ASA) BLOCK III
CUSTOMER: PEO C3S
RELEASE RFP: TBD
FORECASTE AWARD: 2QFY01
CONTRACTING OFFICER: MARY KOFRON
(732) 427-1461

CECOM Bottom Line: The Soldier



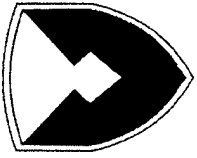
TITLE: GLOBAL COMMAND AND CONTROL SYSTEM
ARMY

CUSTOMER: PEO C3S

RELEASE RFP: FY01
FORECAST AWARD: TBD

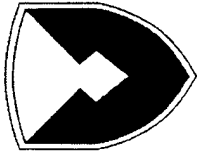
CONTRACTING OFFICER: PEGGY BUTLER
(703) 325-2858

CECOM Bottom Line: The Soldier



INACTIVE 1998 REQUIREMENTS

CECOM Bottom Line: The Soldier



TITLE: ARMY INTEROPERABILITY ENGINEERING
(AIE) DEVELOPMENT, INTEGRATION & TECHNICAL
SUPPORT

CUSTOMER: SEC

REASON: CANCELLED

CONTRACTING OFFICER: DEBRA SHREVE (732) 532-2461

TITLE: MCDS HARDWARE MAINTENANCE & TECHNICAL
SUPPORT

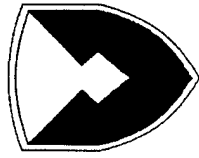
CUSTOMER: SEC

REASON: WILL BE PLACED AS AN ORDER AGAINST THE

DCI OMNIBUS CONTRACT

CONTRACTING OFFICER: DEBRA SHREVE (732) 532-2461

CECOM Bottom Line: The Soldier



TITLE: DEPT OF ARMY SOFTWARE SUPPORT
SERVICES UMBRELLA 4 (DASSS-U4)

REASON: CANCELED

CONTRACTING OFFICER: DEBBIE HOFFMAN
(703) 325-3327

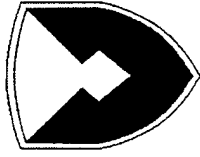
TITLE: R&D, TRAINING AND TECHNICAL SUPPORT
SERVICE (ALSO REFERRED TO AS: INTEGRATION,
TRAINING AND TECHNICAL SUPPORT SERVICES)

CUSTOMER: ISEC

REASON: CANCELED

CONTRACTING OFFICER: LAURA O'BRENNAN
(520) 538-8698

CECOM Bottom Line: The Soldier



TITLE: ELECTRONIC SUPPORT/SIGNAL INTELLIGENCE
TECHNIQUES

CUSTOMER: RDEC

REASON: CANCELED

CONTRACTING OFFICER: GREG LANDON (732)532-5562

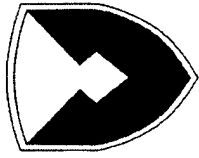
TITLE: SOLDIER RADIO ADVANCED TECHNOLOGY

CUSTOMER: RDEC

REASON: POSTPONED INDEFINITELY

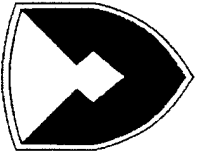
CONTRACTING OFFICER: TBD

CECOM Bottom Line: The Soldier



TITLE: NETWORK MANAGEMENT
CUSTOMER: RDEC
REASON: POSTPONED IDEFINITELY
CONTRACTING OFFICER: TBD

TITLE: GLOBAL TERRESTRIAL CRITICAL CONTROL
CIRCUIT (GTC3)
CUSTOMER: SMC
REASON: CANCELED
CONTRACTING OFFICER: KATHY RIZZO (732) 532-5798



**TITLE: HIGH VALUE ITEM SECURITY SYSTEM
(HVISS)**

CUSTOMER: SMC

REASON: POSTPONED INDEFINITELY

CONTRACTING OFFICER: TBD

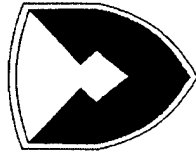
TITLE: PLATOON EARLY WARNING DEVICE-II (PEWD-II)

CUSTOMER: SMC

REASON: POSTPONED INDEFINITELY

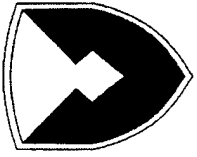
CONTRACTING OFFICER: TBD

CECOM Bottom Line: The Soldier



TITLE: ELECTRONIC TRIP FLARE (ETF)
CUSTOMER: SMC
REASON: POSTPONED INDEFINITELY
CONTRACTING OFFICER: TBD

TITLE: GPS/INERTIAL NAVIGATION SYSTEM (GPS/INS)
CUSTOMER: SMC
REASON: CANCELED
CONTRACTING OFFICER: LISA VANDERPOORTEN
(310) 363-0384



TITLE: IMPROVED ENVIRONMENTAL CONTROL UNIT
CUSTOMER: LRC
REASON: POSTPONED INDEFINITELY

CONTRACTING OFFICER: PEGGY BUTLER
(703) 325-2858

CECOM Bottom Line: The Soldier

NOTES

MR. ANTHONY A. LaPLACA
Director, CECOM Logistics and Readiness Center
Fort Monmouth, New Jersey

Mr. Anthony LaPlaca was appointed as the Director of CECOM's Logistics and Readiness Center (CECOM LRC) in August 1996.

As the Director of the CECOM LRC, he has direct responsibility for a Center comprised of seven directorates and a Center Staff. The LRC is the Weapons Systems Manager, National Inventory Control Point (NICP) and National Maintenance Point (NMP) for over 67,000 items. The Center's budget is over \$800 million. Of that, over \$520 million is for end item and spare parts hardware costs and \$94 million for depot level maintenance.

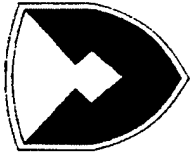
The Center's has a diverse and worldwide mission. A portion of that mission includes logistics planning, spares requirements determination, production engineering, maintenance engineering, equipment fielding, new equipment training, production quality, maintenance planning, depot level repair workloading, field technical assistance, foreign military sales, and communications-security equipment.

Prior to his appointment as the CECOM LRC Director, Mr. LaPlaca held numerous Center leadership positions to include Center Deputy Director, Center Associate Director, Director for Logistics and Maintenance, and Director for Systems Management. He came to the Center in 1987 with the inception of the CECOM LRC.

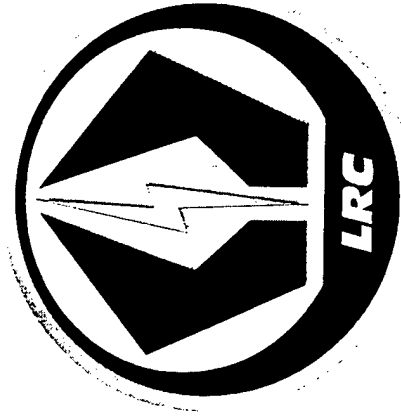
Prior to coming to the CECOM LRC, Mr. LaPlaca developed an extensive background in shelterized communications and electronic systems, radar, production engineering, material change, weapons systems life cycle management and logistics.

Mr. LaPlaca received his Bachelor of Science Degree from Newark College of Engineering, now the New Jersey Institute of Technology, and a Master of Science in Management Science from Fairleigh Dickinson University. He was appointed to the Acquisition Corps in 1992 and is certified in the three acquisition fields of Program Management, Acquisition Logistics and Systems, Planning, Research, Development and Engineering. He has received numerous awards and recognitions.

Mr. LaPlaca and his wife Bobbie have three children, Michael, Kristen and Jamie, a daughter-in-law, Nancy, and two grandchildren, Tyler and Ashley.

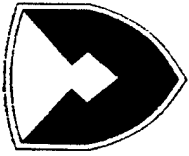


Logistics and Readiness Center Contract Opportunities



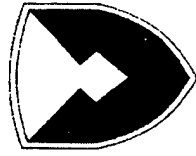
Mr. Anthony LaPlaca, Director

CECOM Bottom Line: The Soldier



FLEXIBLE LONG TERM CONTRACTS (FLTCS)

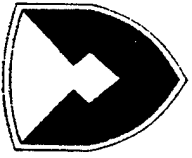
CECOM Bottom Line: The Soldier



FLEXIBLE LONG TERM CONTRACTS (FLTCs)

- FLTCs are range quantity contracts of three or more years covering the production and/or repair of one or more spare parts
- CECOM's preferred method of supporting spare parts
- 71% of spares purchases in FY 98 on FLTC
- 82% of spares purchases in FY 99 on FLTC
- Percentage will be increasing in FY 00-01

CECOM Bottom Line: The Soldier



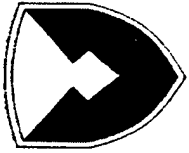
Long-Term Contract Definitions



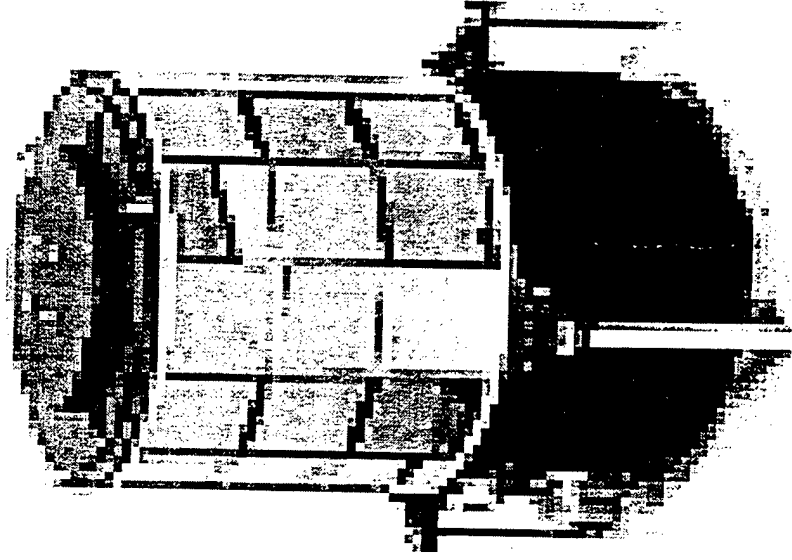
Indefinite Delivery Indefinite Quantity (IDIQ) Contract: A vehicle that provides for an indefinite quantity, within stated limits, of specific supplies or services during a fixed period, with deliveries to be scheduled by placing orders with the contractor. The Government is obligated to a stated minimum. Funds other than the minimum are obligated at the time of subsequent orders.

Requirements Contract: An instrument that provides for filling all purchase requirements of designated Government activities for specific supplies or services during a specified contract period with deliveries to be scheduled by placing orders with the contractor. No money is obligated at award; funds are obligated when delivery orders are written. There is no guaranteed minimum quantity.

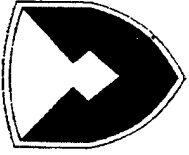
CECOM Bottom Line: The Soldier



Spares for the AN/ALQ-144 Countermeasure Set



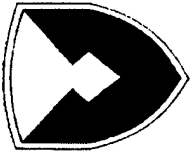
CECOM Bottom Line: The Soldier



Spares for the AN/ALQ-144 Countermeasure Set

- **SALIENT CHARACTERISTICS**
 - Infrared Jammer
 - Continuously operating, omni-directional, electrically fired infrared jammer
 - Use to decoy or confuse threat IR missile systems
 - Applicable Aircraft:
AH-1F, AH-64A/D, OH-58D,
EH-60A, UH-60A/L, MH-60K

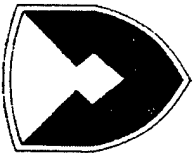
CECOM Bottom Line: The Soldier



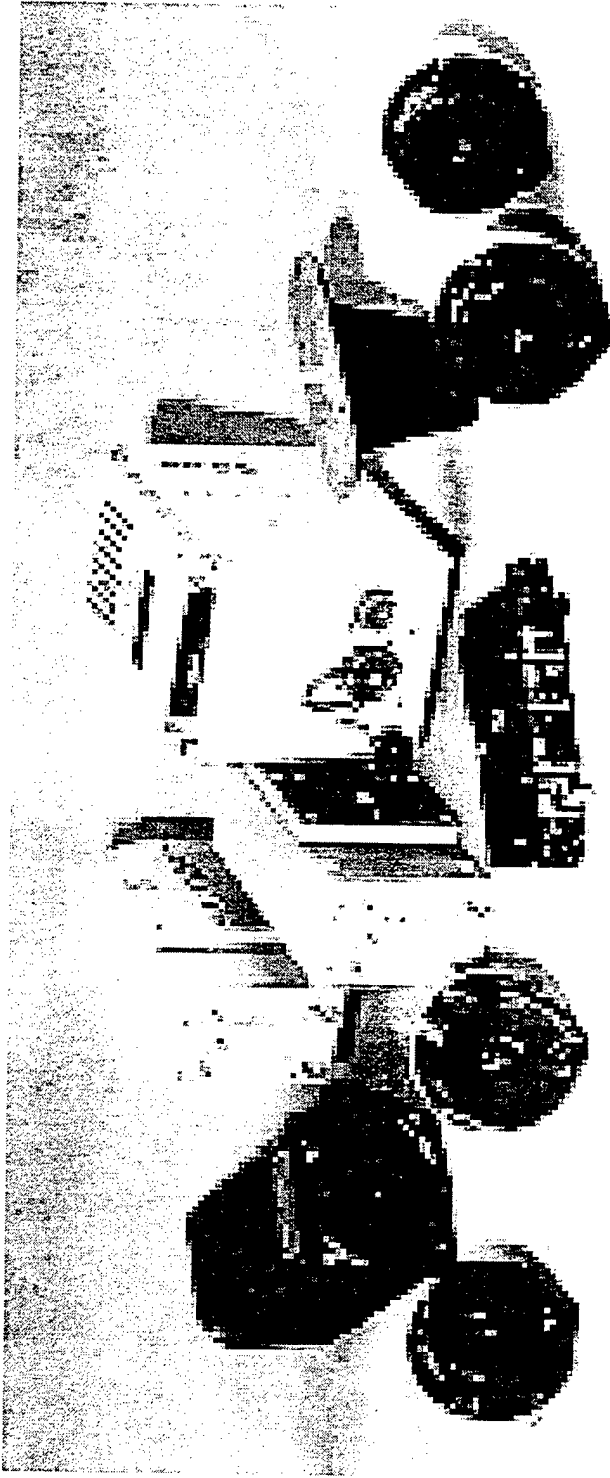
Spares for the AN/ALQ-144 Countermeasure Set

- **OBJECTIVE:** The acquisition will be split into two buys, both IDIQs. One buy will go to Small Business, the other portion will go full and open.
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$25M
- **KEY MILESTONES:** RFP: May 99
Award: Sep 99
- **TECHNICAL CONTACT:** Hae Rhee, 732-427-5178
- **ACQUISITION CONTACT:** Vernay Salas, 732-532-1257

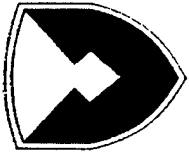
CECOM Bottom Line: The Soldier



Spares for the AN/APR-39A(V) Radar Warning Receiver



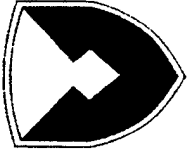
CECOM Bottom Line: The Soldier



Spares for the AN/APR-39A(V) Radar Warning Receiver

- **SALIENT CHARACTERISTICS**
 - Radar Warning Receiver
 - Provides warning of radar directed air defense threat systems
 - Upgraded version of the AN/APR-39(V) system
 - Utilizes a digital processor, alphanumeric display and a synthetic voice to warn pilot
 - Applicable Aircraft:
AH-1F, AH-64A/D, CH-47D, UH-60A/L,
UH-60Q (MEDEVAC), MH-60K, OH-58C&D

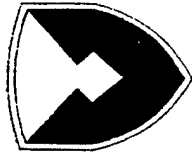
CECOM Bottom Line: The Soldier



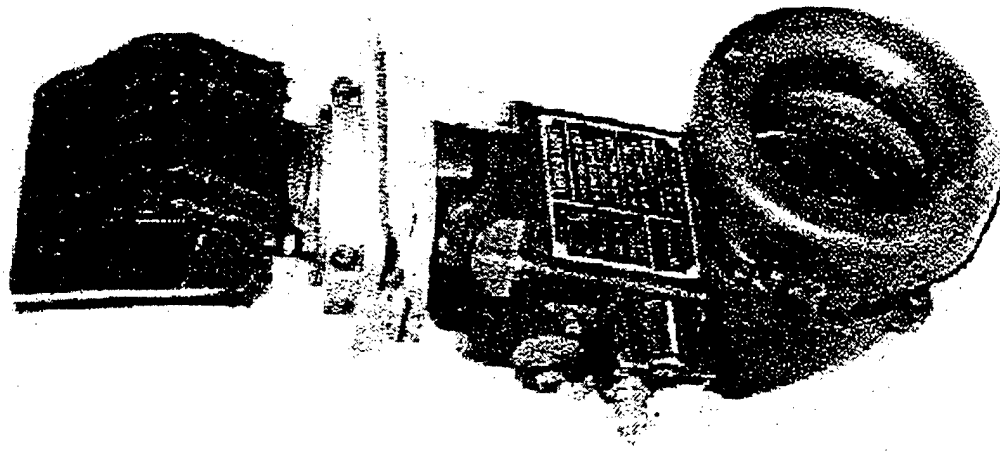
Spares for the AN/APR-39A(V) Radar Warning Receiver

- **OBJECTIVE:** To recompile the current spares contract
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** \$1M - \$20M
- **KEY MILESTONES:** RFP: Aug 99
Award: Dec 99
- **TECHNICAL CONTACT:** Skip Rummel, 732-427-5154
- **ACQUISITION CONTACT:** Linda McGarry, 732-427-1398

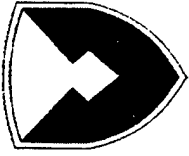
CECOM Bottom Line: The Soldier



Tube and Magnifier; p/o AN/VVS-2



CECOM Bottom Line: The Soldier

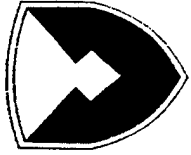


Tube and Magnifier; p/o AN/VVS-2

- **SALIENT CHARACTERISTICS**

- Located internally within the main housing assembly
- Amplifies the image output of the objective lens assembly
- Increases the image size from 25 to 47.6 millimeters
- Contains 2nd generation 25mm Image Intensifier tube and magnifier
- NSN: 5855-01-027-1554

CECOM Bottom Line: The Soldier

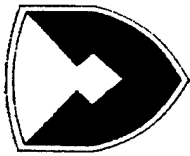


Tube and Magnifier; p/o AN/VVS-2



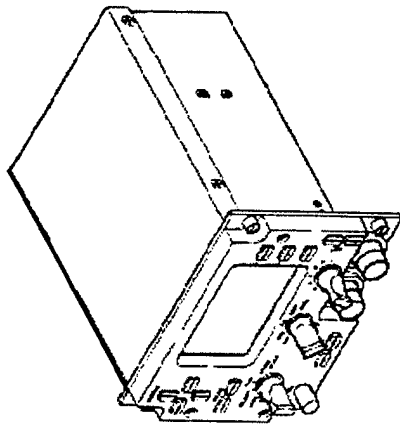
- **OBJECTIVE:** Acquisition of a minimum of 200 and a maximum of 4200 tube and magnifier assemblies. This is a spare parts production contract.
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** \$550K - \$11.6M
- **KEY MILESTONES:** RFP: Apr 99
Award: Aug 99
- **TECHNICAL CONTACT:** Barbara McKinney, 732-427-1006
- **ACQUISITION CONTACT:** Rachel Bogner, 732-532-1103

CECOM Bottom Line: The Soldier

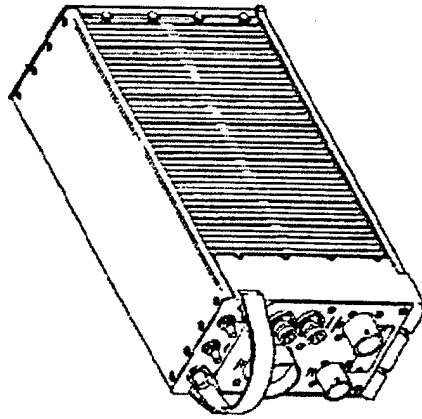


Spares for AN/ARC-220 and AN/VRC-100 High Frequency Radios

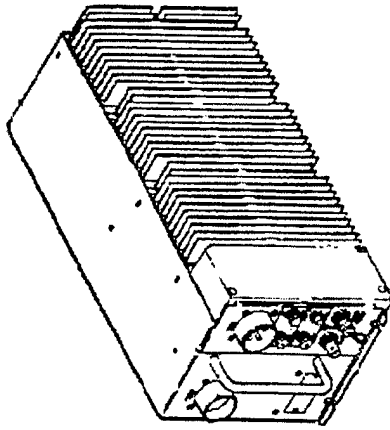
AN/ARC-220



C-12436/URC

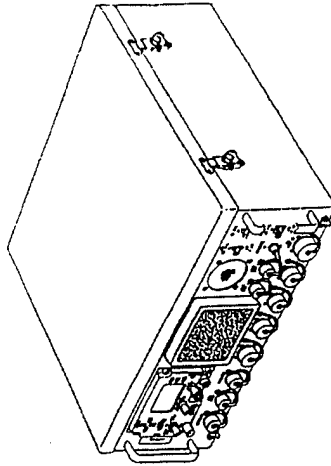


RT-1749/URC

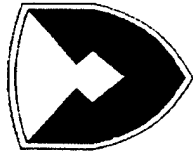


AM-7531/URC

AN/VRC-100



CECOM Bottom Line: The Soldier

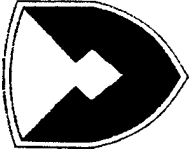


Spares for AN/ARC-220 and AN/VRC-100 High Frequency Radios

- **SALIENT CHARACTERISTICS**

- Provide Army aviators and ground troops with the ability to communicate at Non Line Of Sight (NLOS) distances or in mountainous terrain
- AN/ARC-220 is comprised of three LRUs:
 - Control Display Unit (CDU)
 - Receiver-Transmitter (RT)
 - Power Amplifier/Coupler (PAC)
- AN/VRC-100 has the same three LRUs which are housed in a metal casing along with a power supply

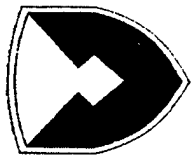
CECOM Bottom Line: The Soldier



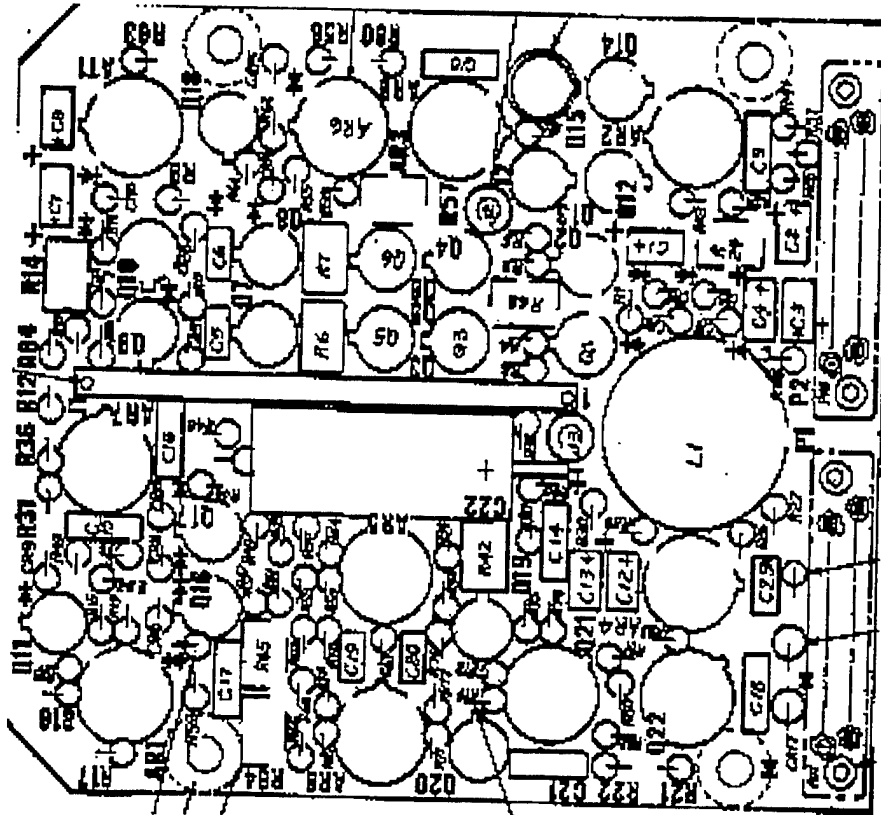
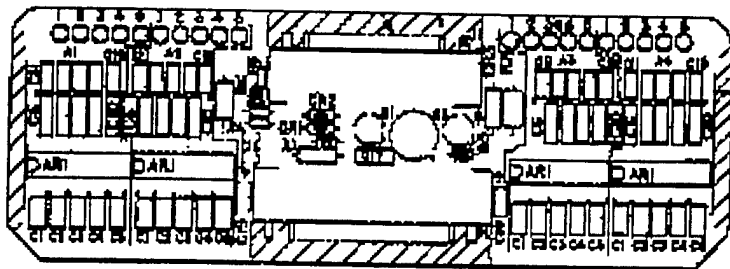
Spares for AN/ARC-220 and AN/VRC-100 High Frequency Radios

- **OBJECTIVE:** Acquisition of component spares to support replenishment demands. Approximately 15 NSNs will be procured, includes both Line Replaceable Units and Shop Replaceable Units
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** \$2M - \$5M
- **KEY MILESTONES:** RFP: Jul 02
Award: Dec 02
- **TECHNICAL CONTACT:** Dan Corwin, 732-532-3722
- **ACQUISITION CONTACT:** Sharon Wilson, 732-532-4964

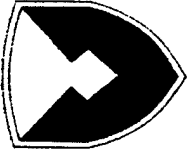
CECOM Bottom Line: The Soldier



Thermal Night Vision Circuit Card Assemblies



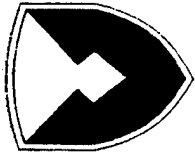
CECOM Bottom Line: The Soldier



Thermal Night Vision Circuit Card Assemblies

- **SALIENT CHARACTERISTICS**
 - Circuit Cards have multiple applications, mostly low voltage and are used to drive the support first generation thermal imaging night vision equipments (Scanners, Light Emitting Diode Arrays and regulate voltages)

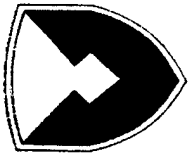
CECOM Bottom Line: The Soldier



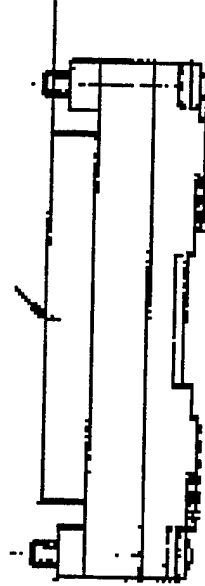
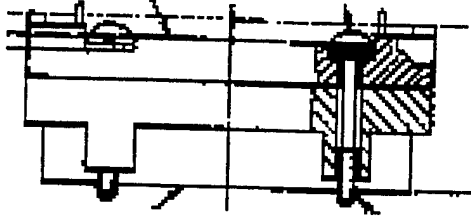
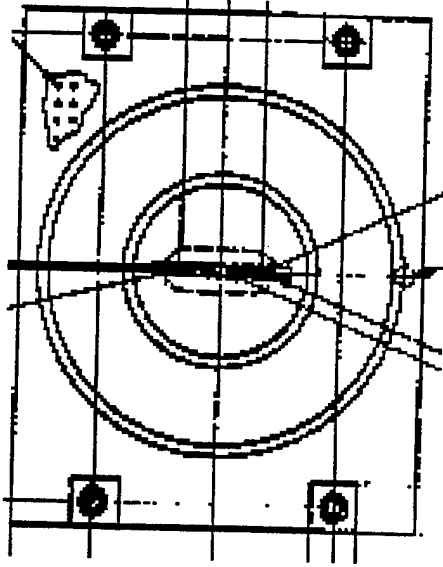
Thermal Night Vision Circuit Card Assemblies

- **OBJECTIVE:** Acquisition of First Generation Thermal Night Vision Circuit Card Assemblies (6-8 NSNs)
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$3M
- **KEY MILESTONES:** RFP: Aug 99
Award: Oct 99
- **TECHNICAL CONTACT:** Ana Cardinale, 732-427-5821
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

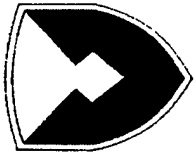
CECOM Bottom Line: The Soldier



Common Module Light Emitting Diode Arrays



CECOM Bottom Line: The Soldier

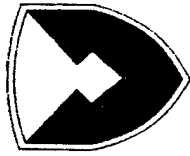


Common Module Light Emitting Diode Arrays

• **SALIENT CHARACTERISTICS**

- Thermal Imaging Night Vision systems have multiple applications
- Used in both land based and airborne applications
- Emit visible light as smaller diodes do, but they are arranged in array fashion (successive elements next to one another) they are sealed within a small 2X3 inch package
- NSNs: 5855-01-029-8733
5855-01-119-5869

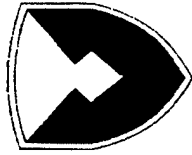
CECOM Bottom Line: The Soldier



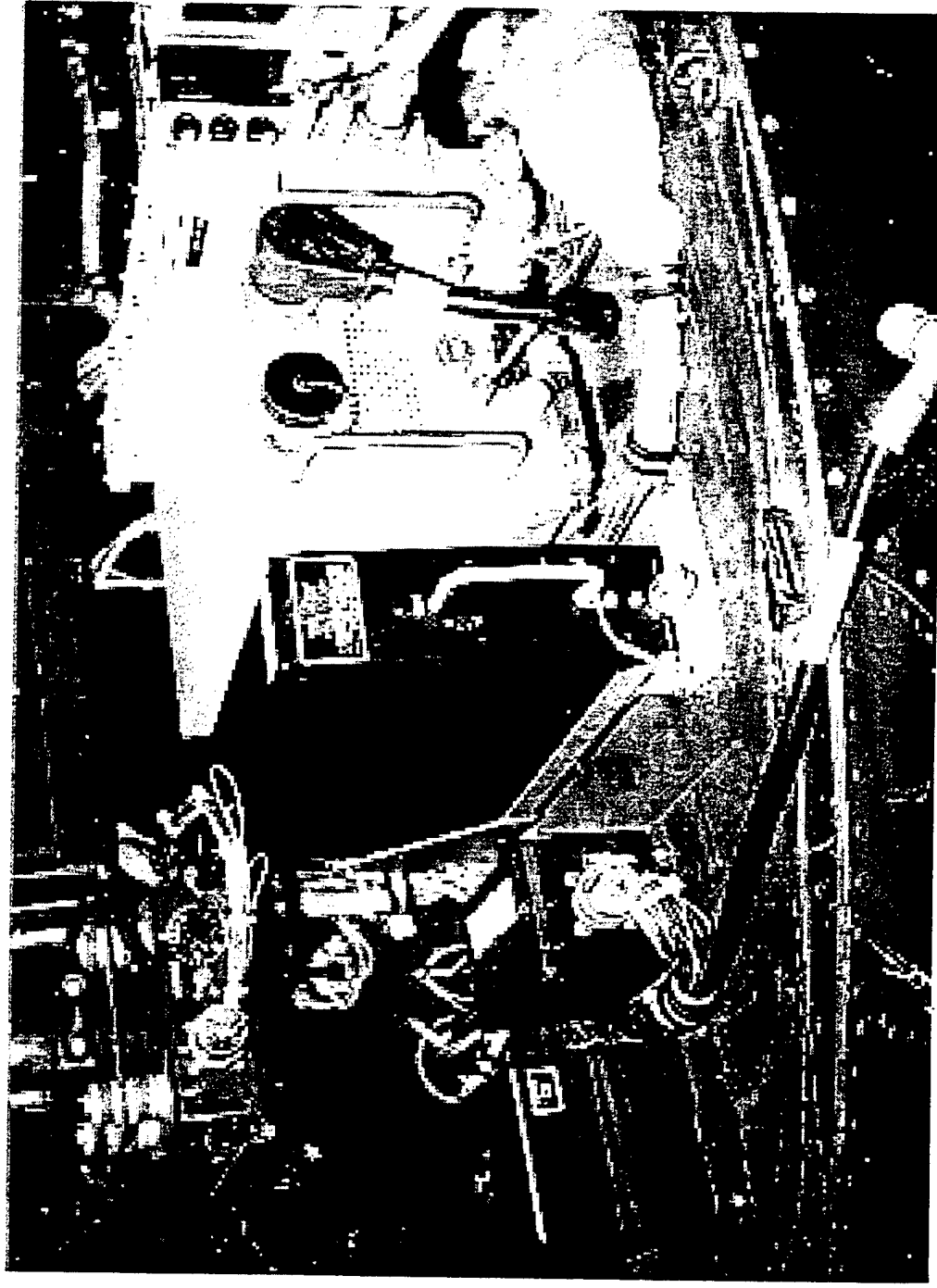
Common Module Light Emitting Diode Arrays

- **OBJECTIVE:** Acquisition of Light Emitting Diode Arrays for use in First Generation Thermal Imaging Night Vision systems.
- **CONTRACT TYPE:** IDIQ, 3-5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$5M
- **KEY MILESTONES:** RFP: Aug 99
Award: Nov 99
- **TECHNICAL CONTACT:** John Chiesa, 732-427-5804
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

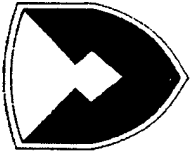
CECOM Bottom Line: The Soldier



UH60 Black Hawk CP2036/A Command Instrument Processor



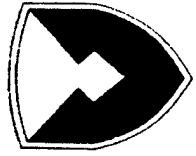
CECOM Bottom Line: The Soldier



UH60 Black Hawk CP2036/A Command Instrument Processor

- **SALIENT CHARACTERISTICS**
- Automatic flight control system that receives primary flight information from these helicopter sets: automatic flight control system (barometric altitude, airspeed, and collective stick position), attitude indicating set (pitch and roll attitudes), compass set (magnetic heading), and radar altimeter (radar altitude)
- Navigational inputs are obtained from the civil navigation set and Doppler (or Doppler GPS) navigation set.
- NSN: 6610-01-280-9729

CECOM Bottom Line: The Soldier

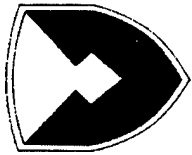


UH60 Black Hawk CP2036/A Command Instrument Processor

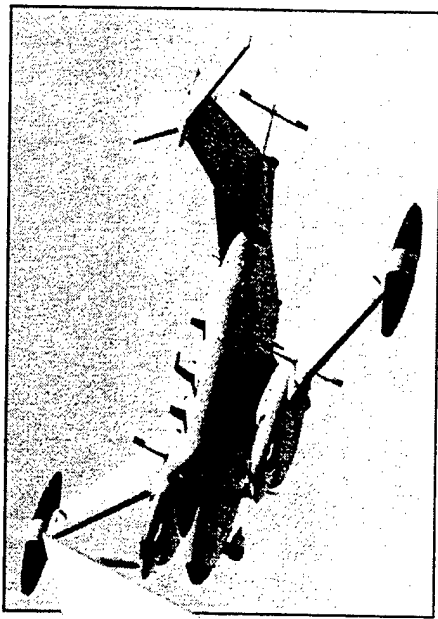
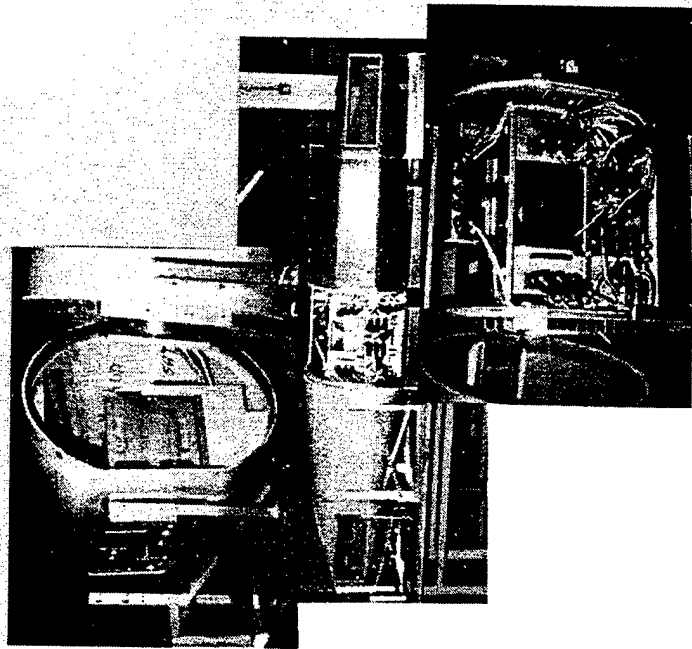


- **OBJECTIVE:** Acquisition of component spares to support replenishment demands.
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** \$1M - \$7.5M
- **KEY MILESTONES:** RFP: Dec 00
Award: Apr 01
- **TECHNICAL CONTACT:** Dave Smith, 732- 532-4865
- **ACQUISITION CONTACT:** Vernay Salas, 732-532-1257

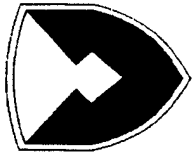
CECOM Bottom Line: The Soldier



AN/APD-13 Advanced Quicklook



CECOM Bottom Line: The Soldier

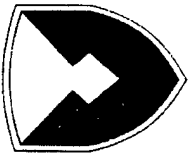


AN/APD-13 Advanced Quicklook

- **SALIENT CHARACTERISTICS**

- P/O AN/APD-13
- Provides the Electronic Intelligence Information (ELINT) for the Guardrail Common Sensor Systems

CECOM Bottom Line: The Soldier

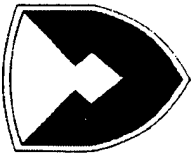


AN/APD-13 Advanced Quicklook

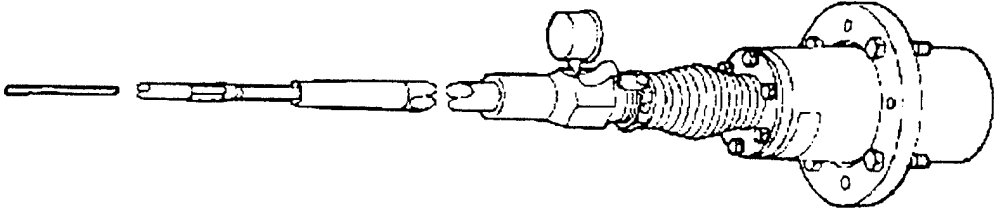


- **OBJECTIVE:** Repair, Acquisition and Field Support. Modernization through Spares and Value Engineering Concepts
- **CONTRACT TYPE:** Requirements, 10 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$20M
- **KEY MILESTONES:** RFP: May 99
Award: Sep 99
- **TECHNICAL CONTACT:** Al Bader, 732-427-5646
- **ACQUISITION CONTACT:** Rachel Bogner, 732-532-1103

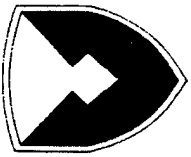
CECOM Bottom Line: The Soldier



AS-3900A antenna and component spares



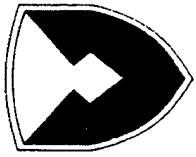
CECOM Bottom Line: The Soldier



AS-3900A antenna and component spares

- **SALIENT CHARACTERISTICS**
 - Used with SINCGARS ground radios
 - Nine foot bi-pole fiberglass whip antenna with a lexan subassembly base
 - Used with wheeled vehicles and is center fed
 - Operates over 30-88 MHz range and has a frequency hopping capability
 - Range capability of approximately 22 miles in good weather

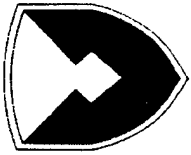
CECOM Bottom Line: The Soldier



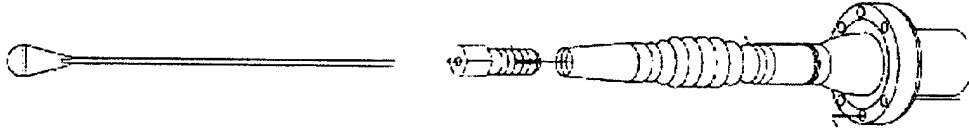
AS-3900A antenna and component spares

- **OBJECTIVE:** Acquisition of Antenna and three component spares to support replenishment demands (4 NSNs)
- **CONTRACT TYPE:** IDIQ, 3 years
- **ESTIMATED VALUE (Min-Max):** \$8M - \$10M
- **KEY MILESTONES:** RFP: May 00
Award: Jul 00
- **TECHNICAL CONTACT:** Kellie Telson, 732-532-8840
- **ACQUISITION CONTACT:** Ed Schindel, 732-532-1532

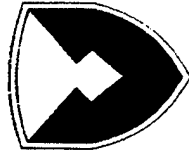
CECOM Bottom Line: The Soldier



AS-3916 antenna and component spares



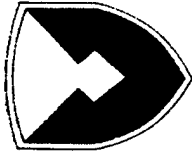
CECOM Bottom Line: The Soldier



AS-3916 antenna and component spares

- **SALIENT CHARACTERISTICS**
 - Used with SINGARS ground radios
 - Six foot mono-pole steel whip antenna with a fiberglass subassembly base
 - Used with tracked vehicles and is end fed
 - Operates over 30-88 MHz Range
 - Range capability of approximately 17 miles in good weather

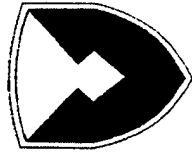
CECOM Bottom Line: The Soldier



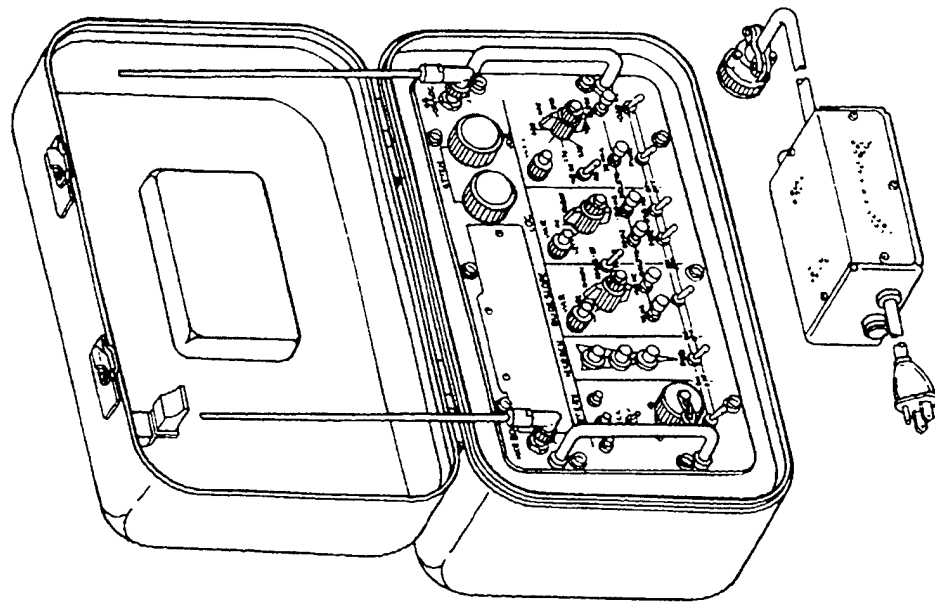
AS-3916 antenna and component spares

- **OBJECTIVE:** Acquisition of AS-3916 and component spares to support replenishment demands (5 NSNs)
- **CONTRACT TYPE:** IDIQ, 3 years
- **ESTIMATED VALUE (Min-Max):** \$5M - \$8M
- **KEY MILESTONES:** RFP: May 99
Award: Jul 99
- **TECHNICAL CONTACT:** Kellie Telson, 732-532-8840
- **ACQUISITION CONTACT:** Ed Schindel, 732-532-1532

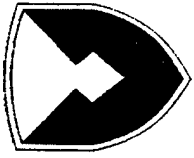
CECOM Bottom Line: The Soldier



AN/ARM-186 VOR/ILS/MB Receiver Test Set



CECOM Bottom Line: The Soldier

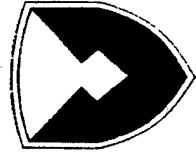


AN/ARM-186 VOR/ILS/MB Receiver Test Set

- **SALIENT CHARACTERISTICS**

- Used for troubleshooting airborne Very high-frequency OmniRange/Instrument Landing System/Marker Beacon (VOR/ILS/MB) navigation receivers.

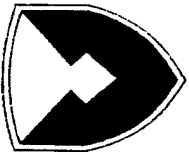
CECOM Bottom Line: The Soldier



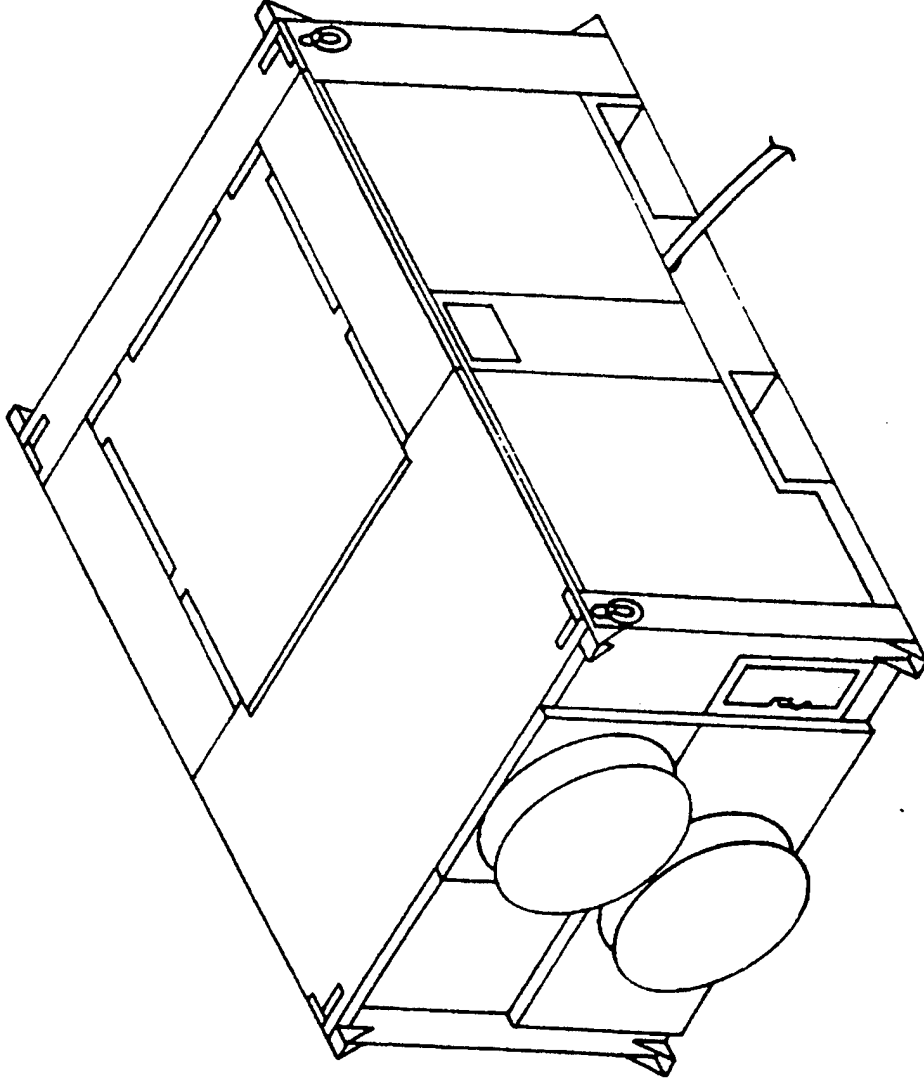
AN/ARM-186 VOR/ILS/MB Receiver Test Set

- **OBJECTIVE:** Acquisition is to support replenishment requirements.
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$1.75M
- **KEY MILESTONES:** RFP: Oct 99
Award: Jan 00.
- **TECHNICAL CONTACT:** David Savitsky, 732-532-1627
- **ACQUISITION CONTACT:** Barbara Boden, 732-532-5416

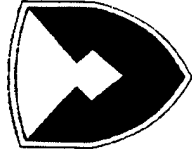
CECOM Bottom Line: The Soldier



54,000 BTUH ECU



CECOM Bottom Line: The Soldier

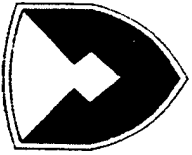


54,000 BTUH ECU

- **SALIENT CHARACTERISTICS**

- Required in support of PM Force Provider
- Provide cooling and heating for Force Provider Housing Modules, which accommodate 500+ soldiers each
- Power Required: 208/230V, 3PH, 50/60 Hz
- Cooling Capacity: 54,000 BTUH
- Heating Capacity: 32,000 BTUH
- Operating Temperature: -50° F to +120° F

CECOM Bottom Line: The Soldier

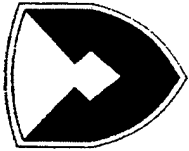


54,000 BTUH ECU

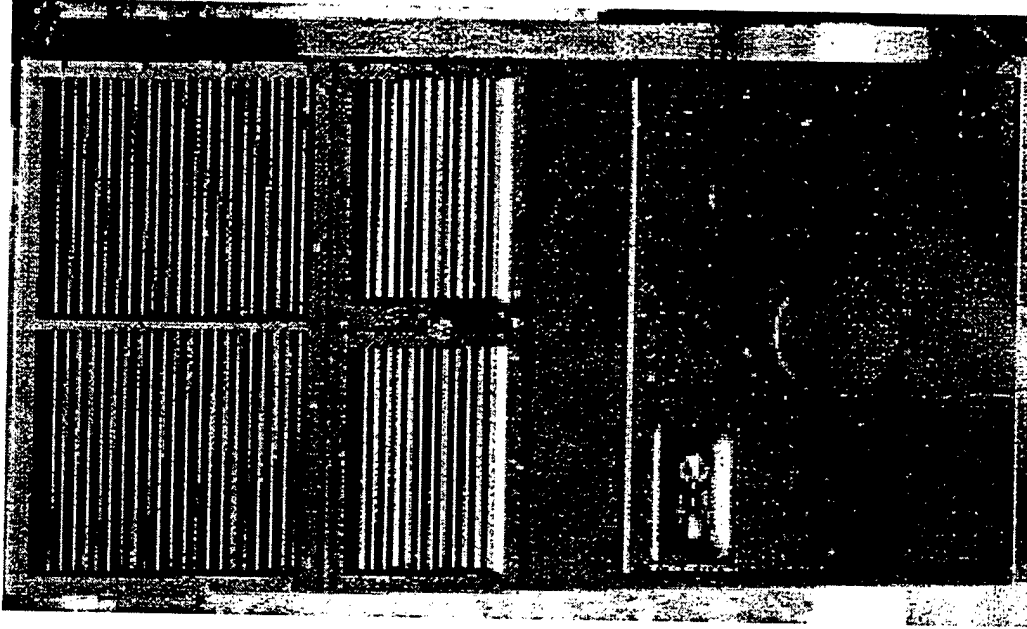


- **OBJECTIVE:** Acquisition of Environmental Control Units.
- **CONTRACT TYPE:** Requirements, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$13M
- **KEY MILESTONES:** RFP: Mar 00
Award: Jun 00
- **TECHNICAL CONTACT:** Rene Acosta, 732-532-4230
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

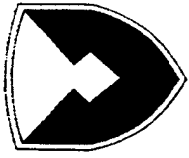
CECOM Bottom Line: The Soldier



60,000 BTUH ECU



CECOM Bottom Line: The Soldier



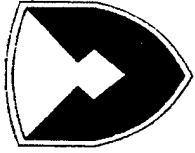
60,000 BTUH ECU



- **SALIENT CHARACTERISTICS**

- Provide heating and cooling to combat, combat support, and combat service support systems
- Power Required: 208V, 3PH, 50/60 Hz
- Cooling Capacity: 60,000 BTUH
- Heating Capacity: 47,000 BTUH
- Operating Temperature: -50° F to +120° F

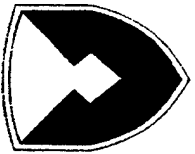
CECOM Bottom Line: The Soldier



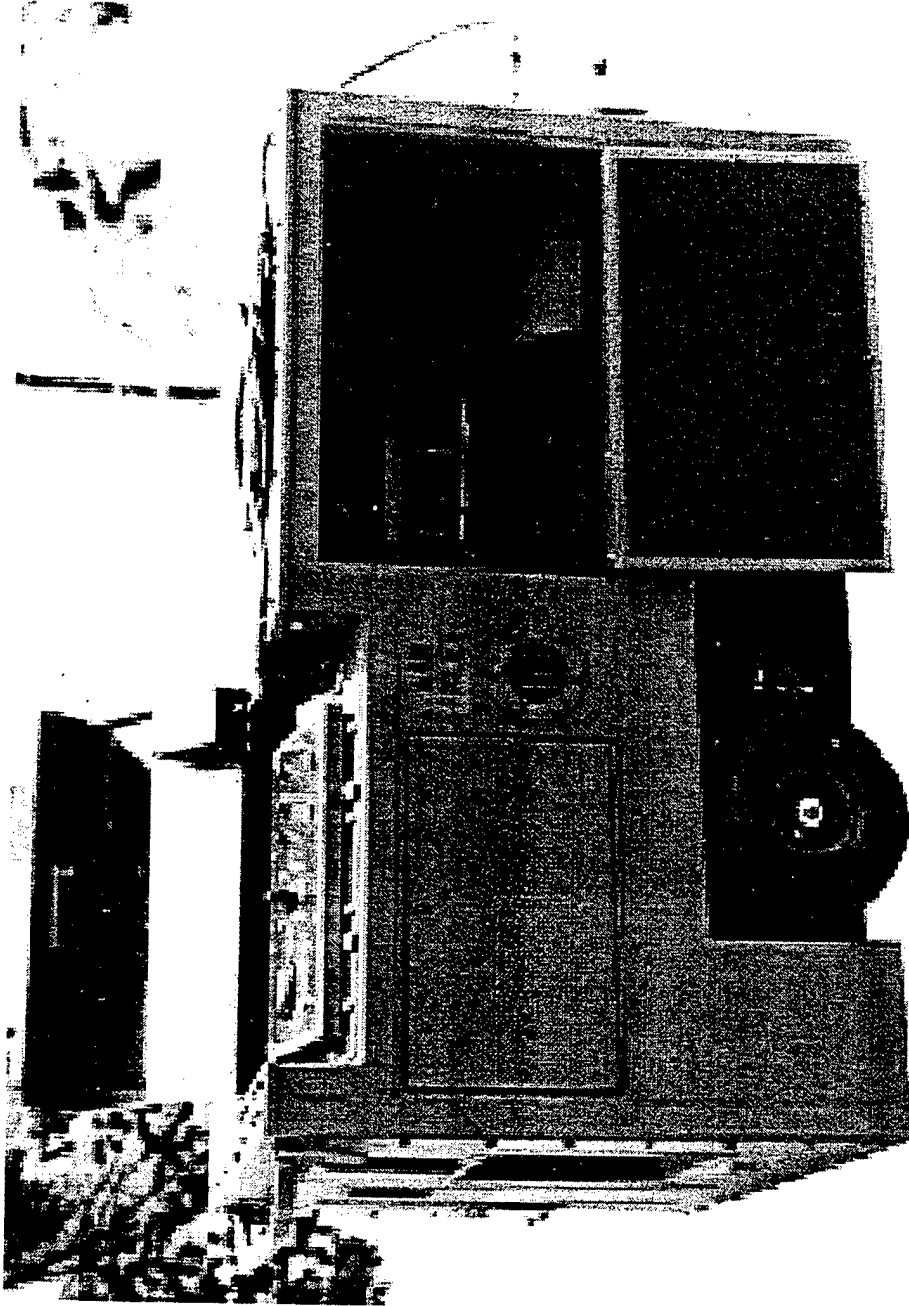
60,000 BTUH ECU

- **OBJECTIVE:** Acquisition of the Vertical Compact ECU is required to fill current authorized shortages.
- **CONTRACT TYPE:** Requirements, 3 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$2M
- **KEY MILESTONES:** RFP: Sep 00
Award: Jan 01
- **TECHNICAL CONTACT:** Rene Acosta, 732-532-4230
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

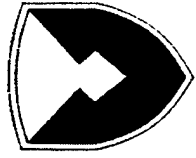
CECOM Bottom Line: The Soldier



120,000 BTU/HR Army Space Heater (ASH)



CECOM Bottom Line: The Soldier

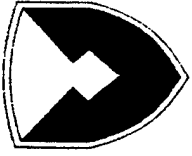


120,000 BTU/HR Army Space Heater (ASH)

- **SALIENT CHARACTERISTICS**

- Delivers clean, heated or vented air through sealed detachable ducts
- Electrically powered system requiring a maximum of 3kW of external power
- Mobile, and controlled by remote thermostat
- Uses both diesel and JP-8 fuel to produce heat
- Replaces the 250,000 Herman Nelson heaters, which are overage, unsafe, and no longer supportable.

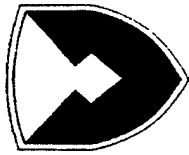
CECOM Bottom Line: The Soldier



120,000 BTU/HR Army Space Heater (ASH)

- **OBJECTIVE:** Procure to fill remaining Army Force Package requirements, plus meet needs of other services and FMS customers
- **CONTRACT TYPE:** Requirements, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$21M
- **KEY MILESTONES:** RFP: Sep 00
Award: Jan 01
- **TECHNICAL CONTACT:** Robert C. Nutter, 703-704-3802
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

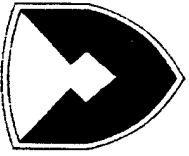
CECOM Bottom Line: The Soldier



350,000 BTU/HR Large Capacity Field Heater (LCFH)



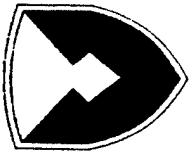
CECOM Bottom Line: The Soldier



350,000 BTU/HR Large Capacity Field Heater (LCFH)

- **SALIENT CHARACTERISTICS**
 - Replaces outdated field heaters which currently supply heated air to personnel and equipment in moderate to extreme cold environmental locations worldwide
 - Self-powered, provides re-circulatory air, and operates on JP-8 and diesel fuels
 - Delivers clean, heated and ventilated air through sealed detachable, flexible ducts
 - It shall have a protective enclosure, be trailer mounted for local movement and positioning, and withstand environmental conditions of arctic use.

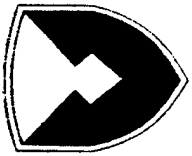
CECOM Bottom Line: The Soldier



350,000 BTU/HR Large Capacity Field Heater (LCFH)

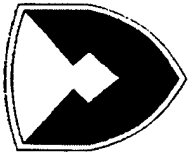
- **OBJECTIVE:** Competitive R&D with a follow-on Requirements Contract
- **CONTRACT TYPE:** Requirements, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$10.5M
- **KEY MILESTONES:** RFP: Aug 99
Award: Mar 00
- **TECHNICAL CONTACT:** Robert C. Nutter, 703-704-3802
- **ACQUISITION CONTACT:** Peggy Butler, 703-325-4994

CECOM Bottom Line: The Soldier

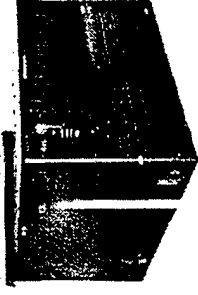
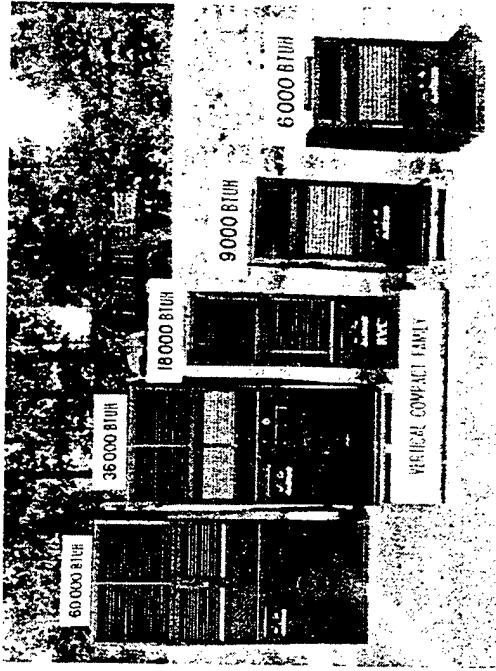


Improved Environmental Control Units

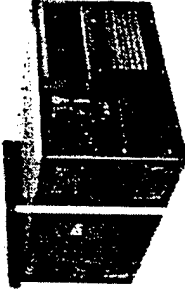
CECOM Bottom Line: The Soldier



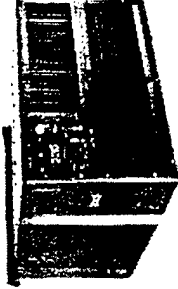
Improved Environmental Control Units



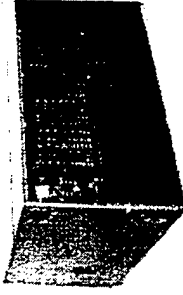
36,000 BTUH



36,000 BTUH

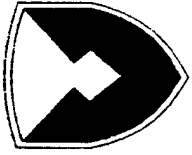


40,000 BTUH



The environmental control unit family includes horizontal and vertical mounting configurations.

CECOM Bottom Line: The Soldier

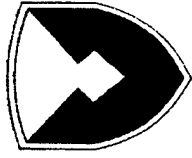


Improved Environmental Control Units



- **SALIENT CHARACTERISTICS**
 - 9, 18, 36, & 60K BTUH Cooling Capacity
 - 7, 14, 31, & 47K BTUH Heating Capacity
 - Reduced Noise (65 VS. 74 DBA)
 - Improved Reliability (2300 VS. 800 HR)
 - Increased Operating Range -50° TO 125°F ambient temperature
 - Improved power efficiency

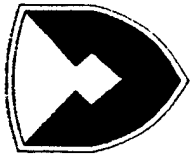
CECOM Bottom Line: The Soldier



Improved Environmental Control Units

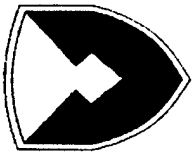
- **OBJECTIVE:** Replaces current family of environmental control units with improved version and zero ozone depleting. Initial R&D effort with a follow-on Requirements Contract
- **CONTRACT TYPE:** Requirements, 5 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$170M
- **KEY MILESTONES:** Industry Conference: 24 Aug 99
Note: Notification of details provided in Commerce Business Daily
- **TECHNICAL CONTACT:** Narinder Gulati, 703-704-2017
- **ACQUISITION CONTACT:** Peggy Butler, 703-325-3356

CECOM Bottom Line: The Soldier



Batteries

CECOM Bottom Line: The Soldier



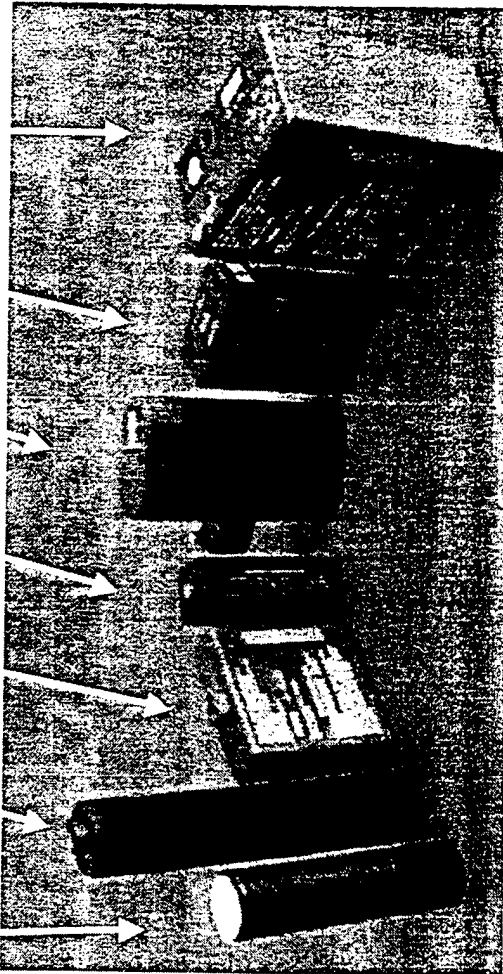
OmniCharge I



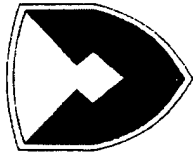
PRESENT FAMILY OF U.S. ARMY CE RECHARGEABLE BATTERIES

Recharge via PP-8444/U

BB-380	BB-2600	BB-388	BB-516	BB-503	BB-2847	BB-390
NiMH	Li-Ion	NiMH	NiCad	NiCad	Li-Ion	NiMH



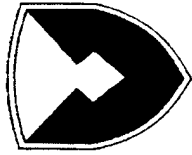
CECOM Bottom Line: The Soldier



Omnicharge I

- **SALIENT CHARACTERISTICS**
 - Universal Rechargeable Battery System: BB-XX90, XX47, XX80, XX57, XX88, XX60, XX16, BB-503; portable and vehicular chargers
 - Performance-based specifications
 - Competitive Best Value RFP requiring hardware samples (BB-XX90, XX80, XX47 and portable charger)

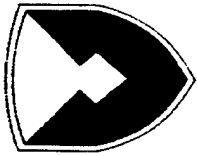
CECOM Bottom Line: The Soldier



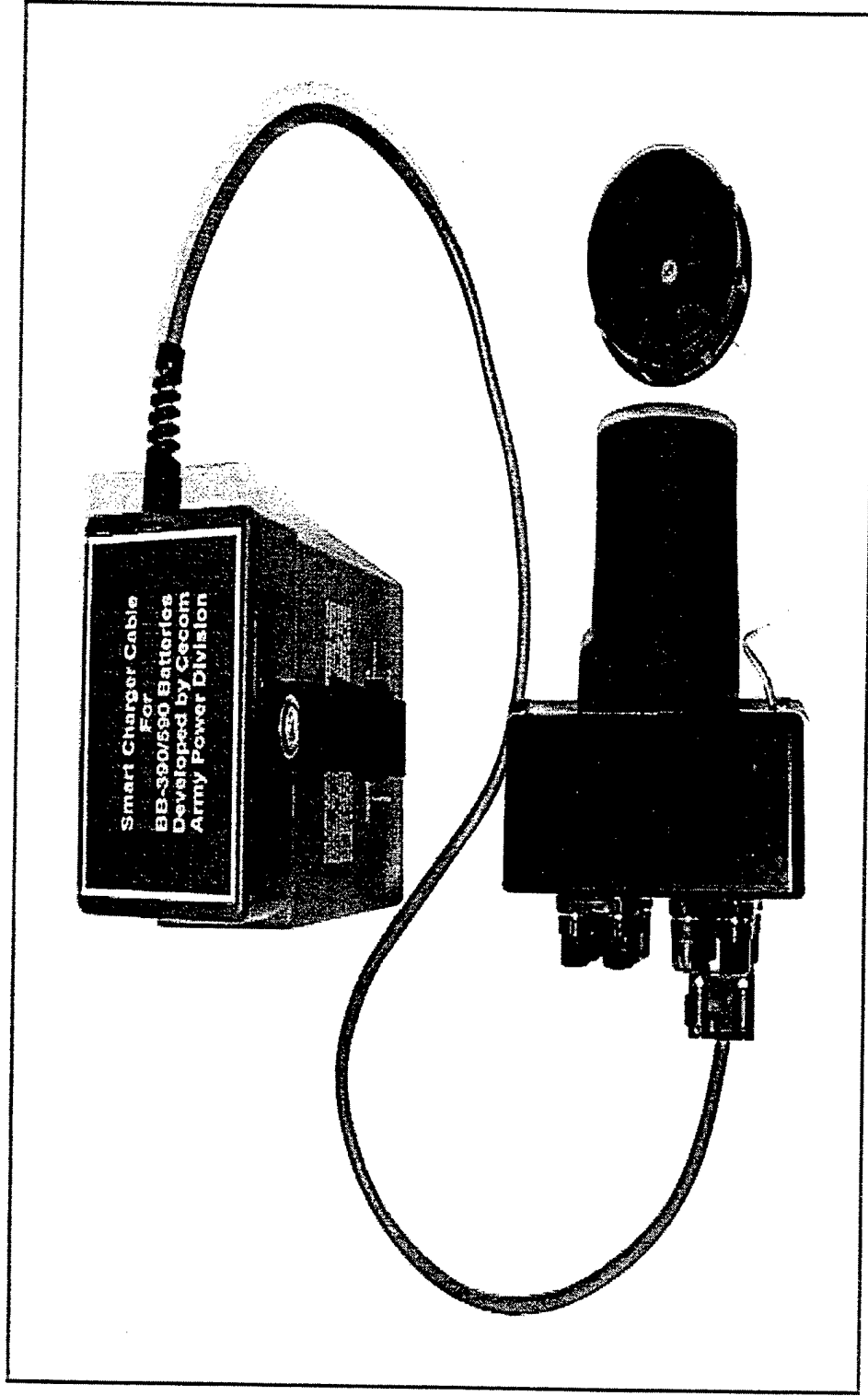
Omnicharge I

- **OBJECTIVE:** To acquire Universal Rechargeable Battery System: Batteries, chargers, and ancillary system components.
- **CONTRACT TYPE:** IDIQ, 5 years, (small business set aside)
- **ESTIMATED VALUE (Min-Max):** \$6M - \$57M
- **KEY MILESTONES:** RFP: Jun 99
Award: Nov 99
- **TECHNICAL CONTACT:** Don Brockel, 732-532-4948
- **ACQUISITION CONTACT:** Bob Reagan, 732-532-1530

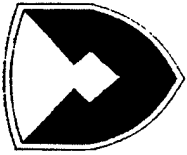
CECOM Bottom Line: The Soldier



Omnicharge II



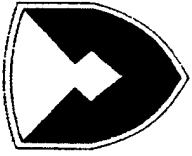
CECOM Bottom Line: The Soldier



Omnicharge II

- **SALIENT CHARACTERISTICS**
 - High Performance Rechargeable Battery System:
 - Increased capacity versions of BB-XX90 and BB-XX47
 - Lightweight, low cost ruck sack charger
 - Performance-based specifications
 - Competitive Best Value RFPs requiring hardware samples

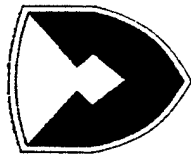
CECOM Bottom Line: The Soldier



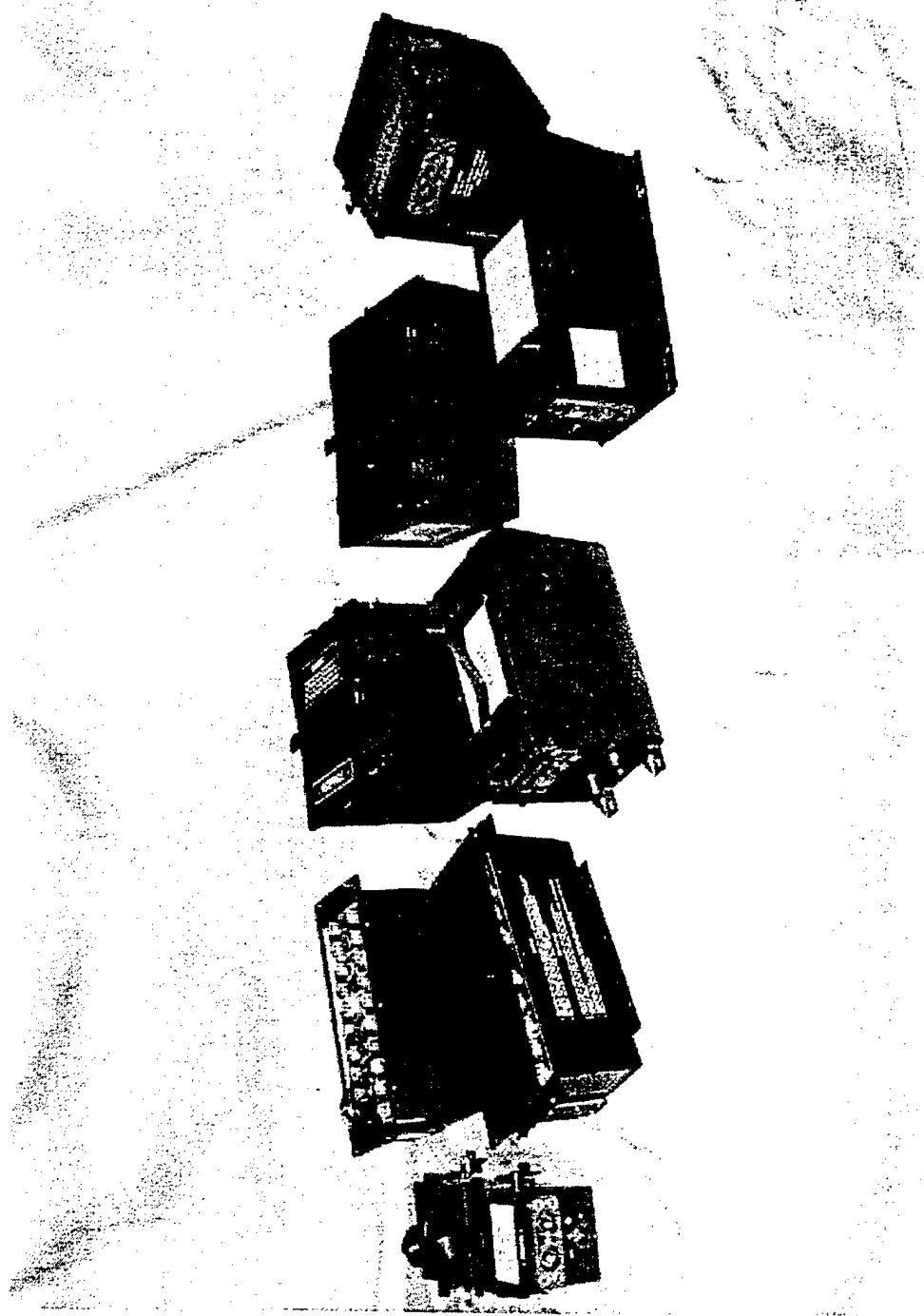
Omnicharge II

- **OBJECTIVE:** To acquire High Performance Rechargeable Battery System: High Performance Rechargeable Batteries and Lightweight Charger
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** \$5M - \$15M
- **KEY MILESTONES:** RFP: Mar 00
Award: Jun 00
- **TECHNICAL CONTACT:** Don Brockel, 732-532-4948
- **ACQUISITION CONTACT:** Bob Reagan, 732-532-1530

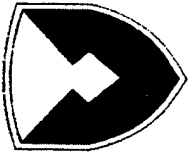
CECOM Bottom Line: The Soldier



Aircraft Batteries



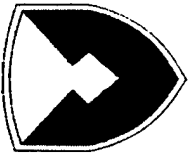
CECOM Bottom Line: The Soldier



Aircraft Batteries

- **SALIENT CHARACTERISTICS**
- Omnibus acquisition for several battery types and components:
 - BB-648 cells, BB-716 regular/low capacity cells, BB432B battery at minimum guaranteed quantities
 - Other aircraft batteries, cells, harnesses included at zero minimum quantity
- Consolidated performance specification
- All items are candidates for transfer to DLA under Consumable Item Transfer program

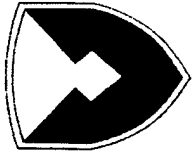
CECOM Bottom Line: The Soldier



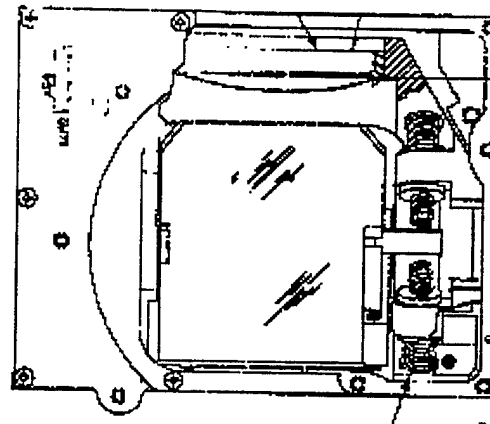
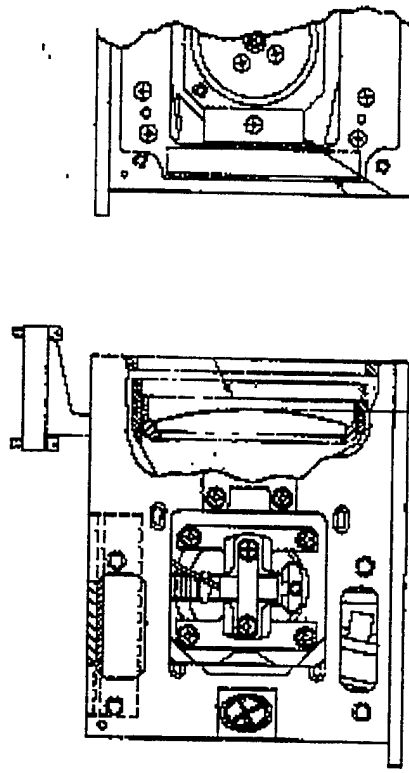
Aircraft Batteries

- **OBJECTIVE:** Acquire established design aircraft batteries and components
- **CONTRACT TYPE:** IDIQ, 3 years, 2-step Low Price/Technically Acceptable
- **ESTIMATED VALUE (Min-Max):** \$1M - \$3M
- **KEY MILESTONES:** RFP: Jun 99
Award: Aug 99
- **TECHNICAL CONTACT:** Rich Scarinzi, 732-532-1925
- **ACQUISITION CONTACT:** Bob Reagan, 732-532-1530

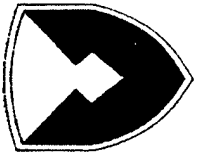
CECOM Bottom Line: The Soldier



Rework/Acquisition of Mechanical Scanners



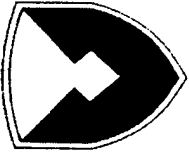
CECOM Bottom Line: The Soldier



Rework/Acquisition of Mechanical Scanners

- **SALIENT CHARACTERISTICS**
 - Models MX-10717V(2)/U through V(7)/U
 - Manufacture IAW MIL-PRF-49166B (CR), MIL-S-49307 (CR) and applicable specifications sheets
 - Acquire new and reconfigure existing mechanical scanners
 - These applications specific scanners are used in night vision equipment as part of different versions

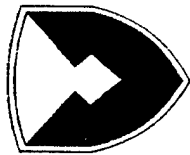
CECOM Bottom Line: The Soldier



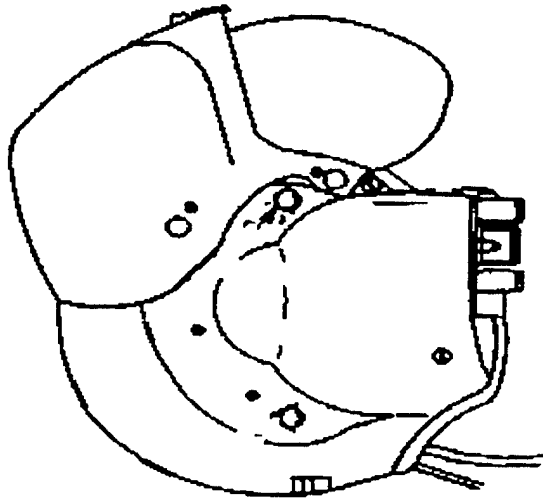
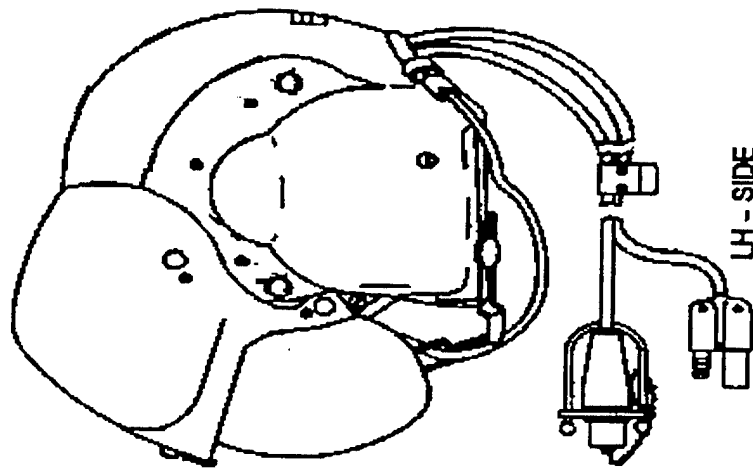
Rework/Acquisition of Mechanical Scanners

- **OBJECTIVE:** Convert in-stock excess version scanners to current version Mechanical Scanners. Provisions will be present to buy new also.
- **CONTRACT TYPE:** IDIQ, 3 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$450K
- **KEY MILESTONES:** RFP: Jun 99
Award: Aug 99
- **TECHNICAL CONTACT:** Ana Cardinale, 732-427-5821
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

CECOM Bottom Line: The Soldier



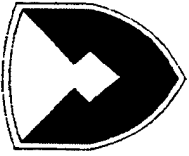
Microphone Linear AH64A



RH - SIDE

LH - SIDE

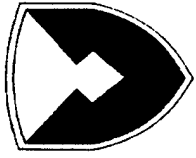
CECOM Bottom Line: The Soldier



Microphone Linear AH64A

- **SALIENT CHARACTERISTICS**
 - Differential microphone designed with excellent noise cancellation and to reduce "P-pops"
 - Used within masks and mounted on Army and Air Force booms
 - Output level in (M-170/171-3.7 mv)
(M-162/166-18.0 mv)
 - 150 ohms +/- 10% @ 1 kHz impedance

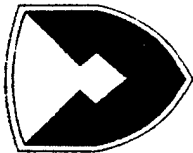
CECOM Bottom Line: The Soldier



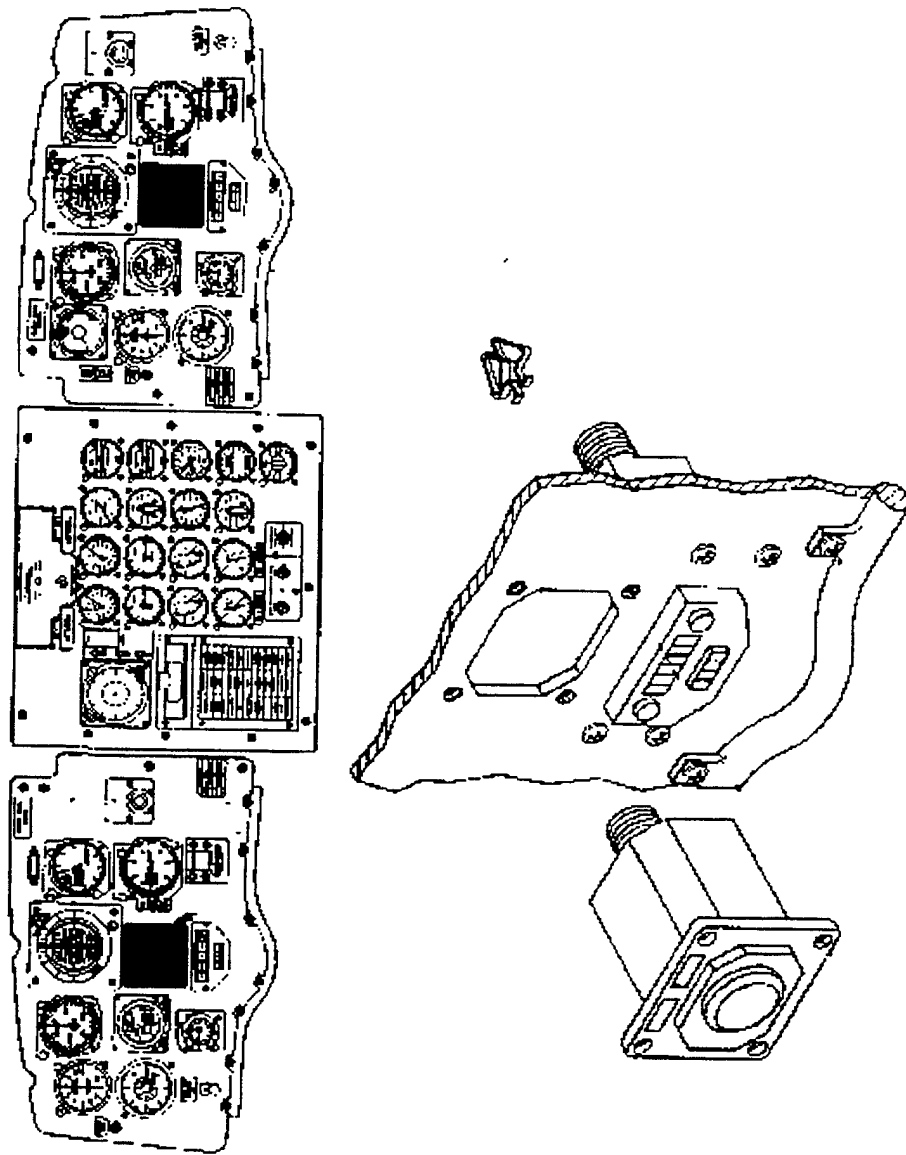
Microphone Linear AH64A

- **OBJECTIVE:** Procure spares in support of IHADSS helmet. Minimum quantity of 190 each and maximum of 350 each.
- **CONTRACT TYPE:** Requirements, 5 years
- **ESTIMATED VALUE (Min-Max):** \$24K- \$45K
- **KEY MILESTONES:** RFP: May 99
Award: Sep 99
- **TECHNICAL CONTACT:** Mike Heussner, 732-532-1138
- **ACQUISITION CONTACT:** Vernay Salas, 732-532-1257

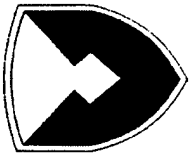
CECOM Bottom Line: The Soldier



ID-2103

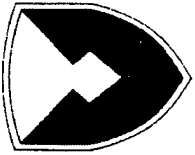


CECOM Bottom Line: The Soldier



ID-2103

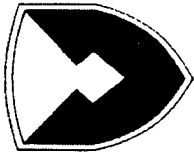
- **SALIENT CHARACTERISTICS**
 - ID-2103/A Horizontal Situation Indicator is installed in the AH-1S and CH-47D aircraft
 - Receives its inputs from selected installed navigation sets and displays various readouts utilizing a compass card, glideslope printer, course deviation bar, bearing printers, and digital range/course readout.
 - Includes heading and course selector knobs.



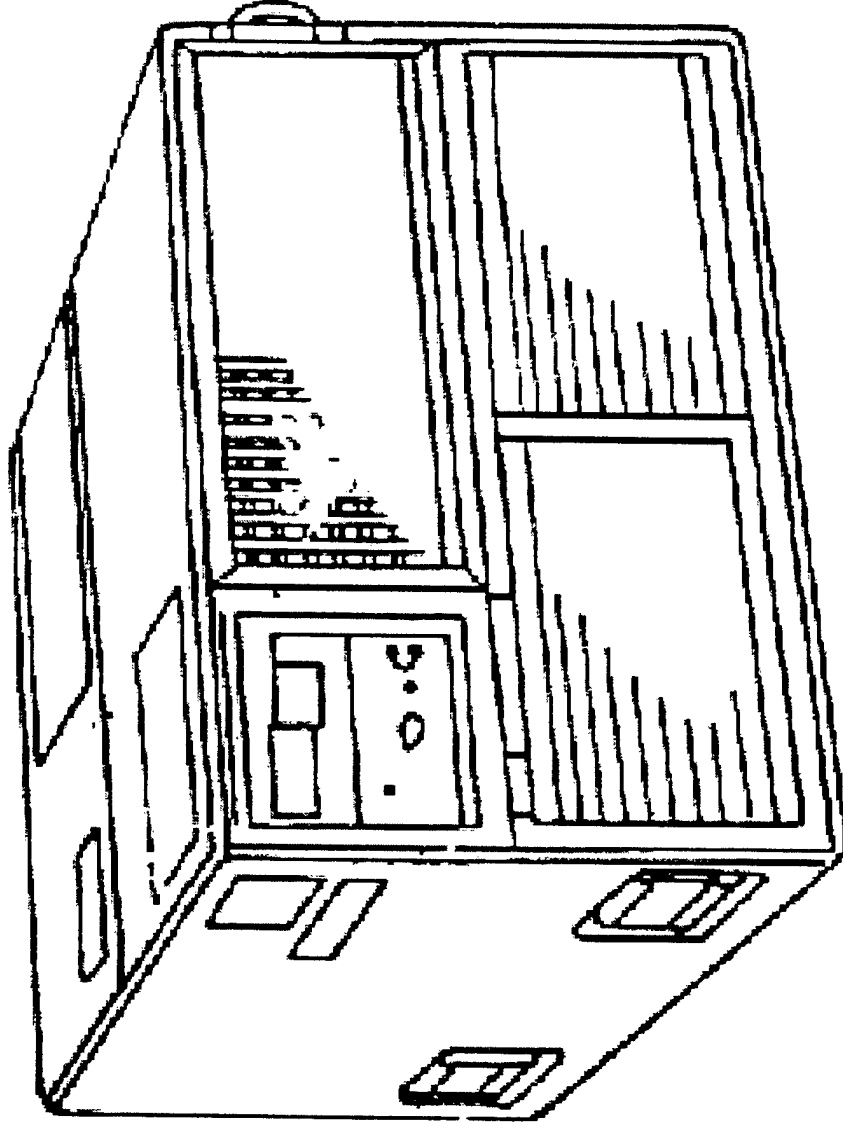
ID-2103

- **OBJECTIVE:** Procure spares in support of ID-2103
- **CONTRACT TYPE:** IDIQ, 5 years
- **ESTIMATED VALUE (Min-Max):** \$30K - \$750K
- **KEY MILESTONES:** RFP: May 99
Award: Sep 99
- **TECHNICAL CONTACT:** Mike Heussner, 732-532-1138
- **ACQUISITION CONTACT:** Vernay Salas, 732-532-1257

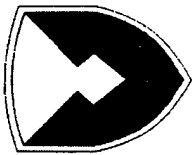
CECOM Bottom Line: The Soldier



9,000 BTU ECU



CECOM Bottom Line: The Soldier

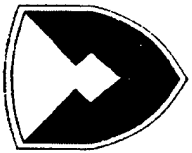


9,000 BTU ECU

- **SALIENT CHARACTERISTICS**

- Provide heating and cooling to combat, combat support, and combat service support systems
- 400hz, 208 volt, 3 phase

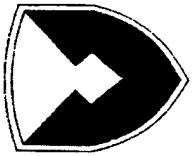
CECOM Bottom Line: The Soldier



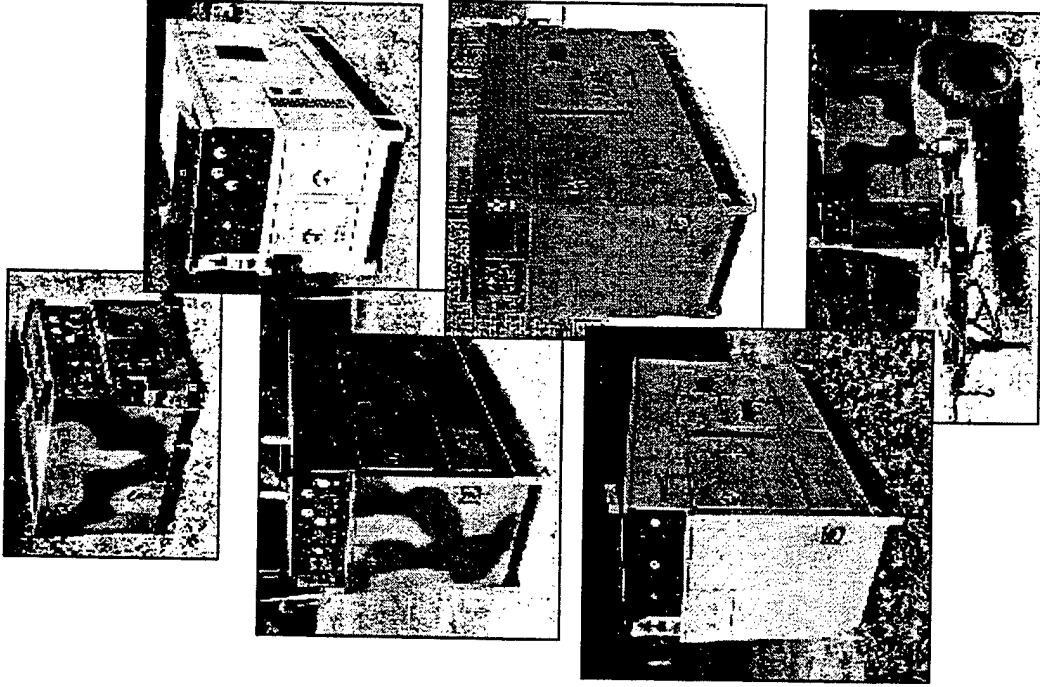
9,000 BTU ECU

- **OBJECTIVE:** Required to fill current authorized fielding shortages
- **CONTRACT TYPE:** IDIQ, 3 years
- **ESTIMATED VALUE (Min-Max):** TBD - \$1M
- **KEY MILESTONES:** RFP: Dec 00
Award: Apr 01
- **TECHNICAL CONTACT:** Ken Biles, 732-532-4635
- **ACQUISITION CONTACT:** Robert Reagan, 732-532-1530

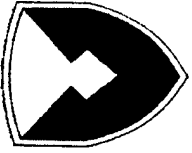
CECOM Bottom Line: The Soldier



15KW, 30KW, 60KW Generators



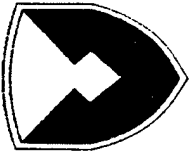
CECOM Bottom Line: The Soldier



15KW, 30KW, 60KW Generators

- **SALIENT CHARACTERISTICS**
 - Provide Power for Critical Bare Base Equipment Such As Aircraft, Maintenance Facilities, Hospitals, Personnel Tents, Kitchens
 - Environmental Capability:
 - 25° F (-65° F w/winterizing kit)
 - to 125° F/MSL; 107° @ 5000 FT
 - Four and Six cylinder generators in support of PM Mobile Electric Power

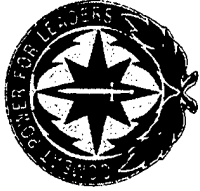
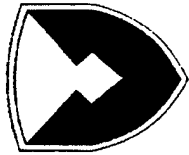
CECOM Bottom Line: The Soldier



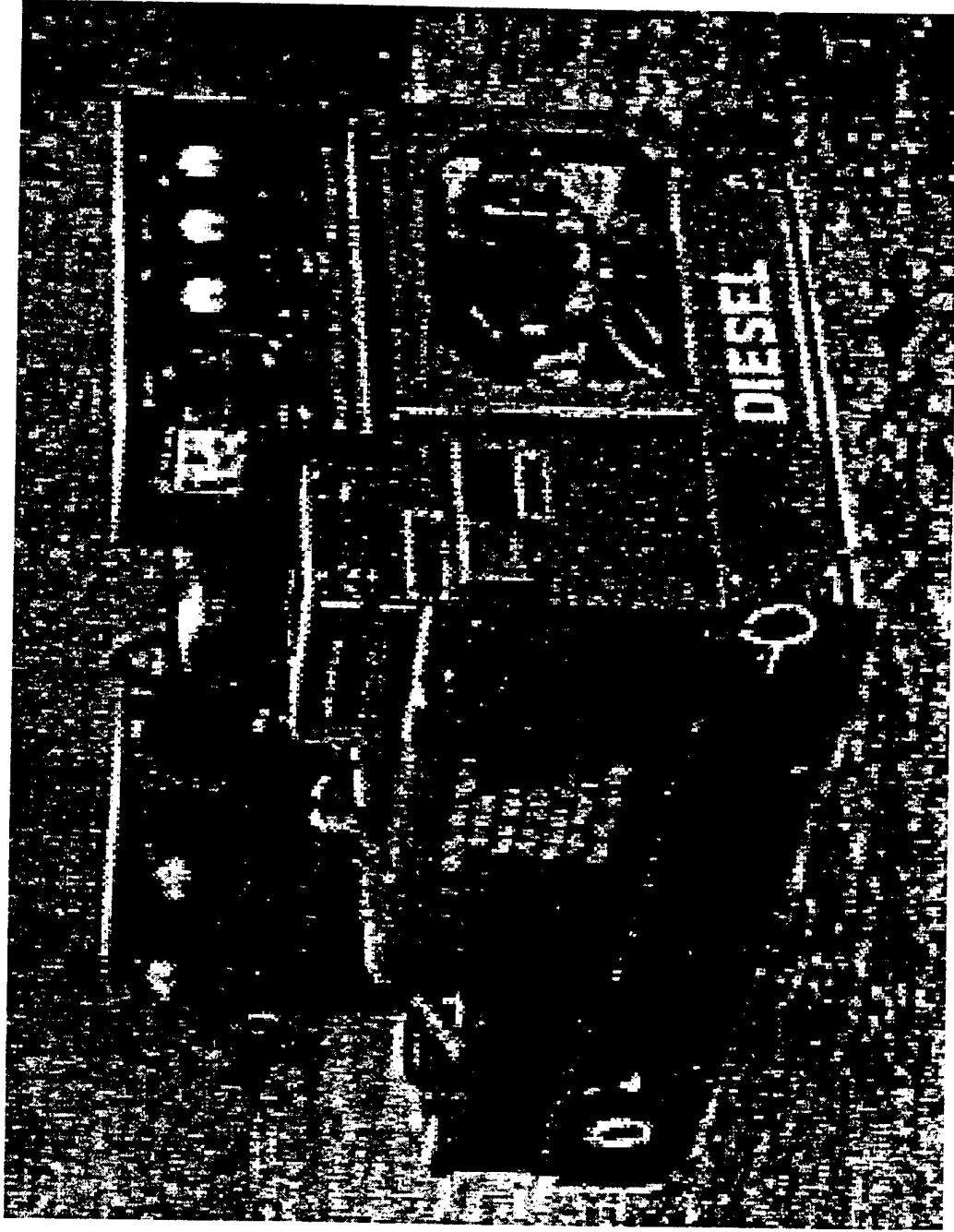
15KW, 30KW, 60KW Generators

- **OBJECTIVE:** Procure spares to support the 15KW, 30KW & 60KW Military Standard Generators
- **CONTRACT TYPE:** IDIQ, 5years
- **ESTIMATED VALUE (Min-Max):** \$100K - \$500K
- **KEY MILESTONES:** RFP: Aug 99
Award: Dec 99
- **TECHNICAL CONTACT:** Nick Petouses, 732-532-7122
- **ACQUISITION CONTACT:** Vernay Salas, 732 532-1257

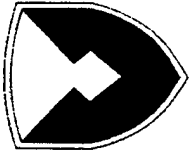
CECOM Bottom Line: The Soldier



10kw Military Standard Generator



CECOM Bottom Line: The Soldier

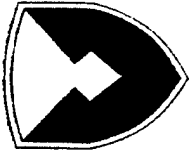


10kw Military Standard Generator



- **SALIENT CHARACTERISTICS**

- 10kw generator, 4 cylinder diesel engine driven, 60hz or 400hz (MEP-003A or MEP-112A)
- Operable in arctic and NBC clothing, -25°F to 125°F operating temp
- Skid or trailer mounted
- 120, 120/240, 120/208 VAC
- Being displaced by Tactical Quiet Generators (TQGs)

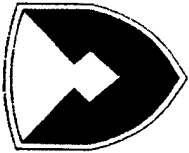


10kw Military Standard Generator

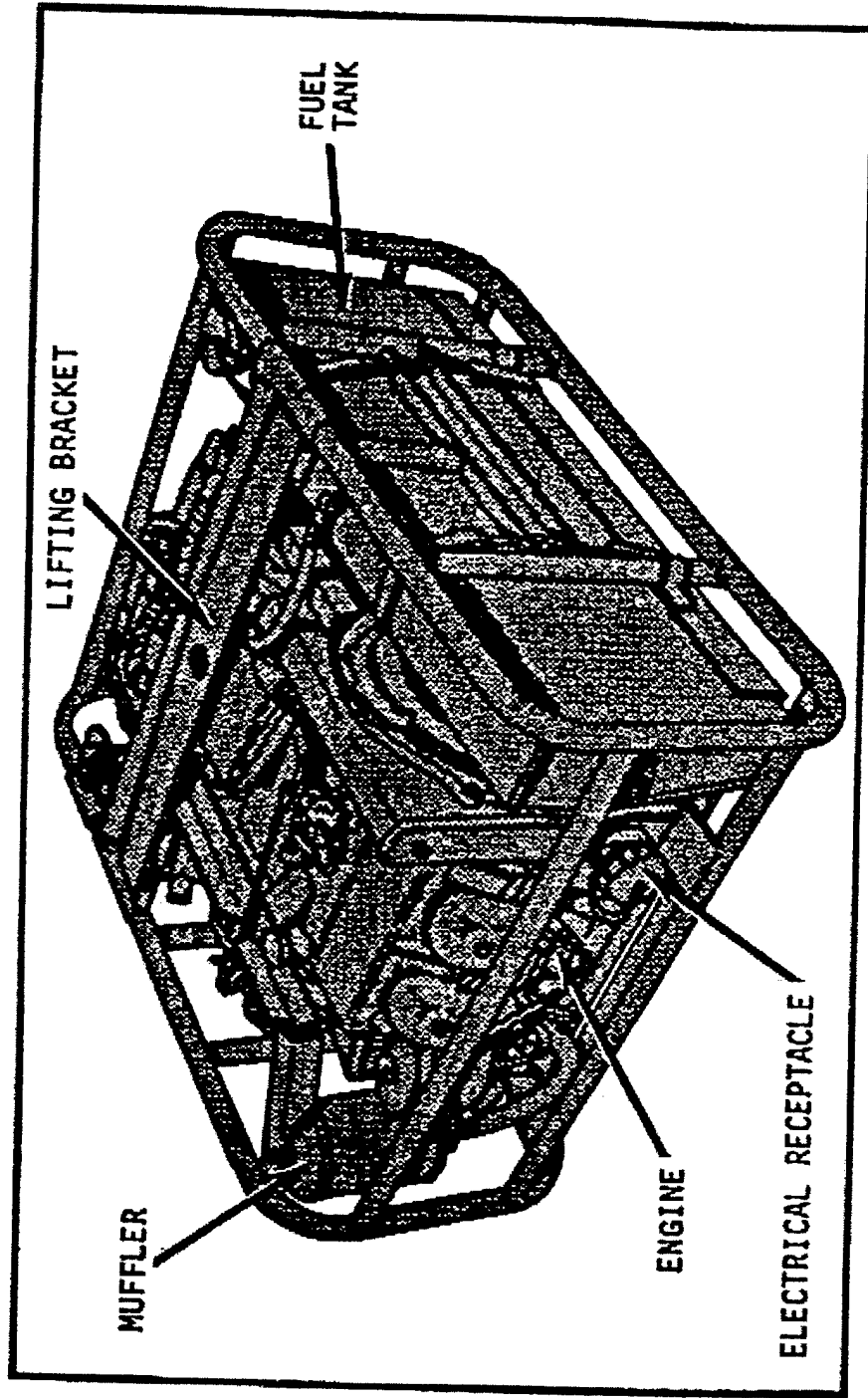


- **OBJECTIVE:** Procure distribution box for the 10kw Military Standard Generator
- **CONTRACT TYPE:** IDIQ, 5years
- **ESTIMATED VALUE (Min-Max):** \$100K - \$300K
- **KEY MILESTONES:** RFP: Oct 99
Award: Feb 00
- **TECHNICAL CONTACT:** Nick Petouses, 732-532-7122
- **ACQUISITION CONTACT:** Vernay Salas 732-532-1257

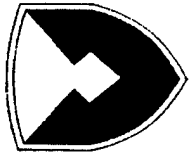
CECOM Bottom Line: The Soldier



4.2kw APU



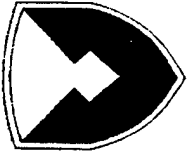
CECOM Bottom Line: The Soldier



4.2kw APU

- **SALIENT CHARACTERISTICS**
 - Generator Set, Gasoline Engine Driven
 - 4.2KW, 150 AMP, 28V, DC
 - Mounted on M577 Carrier, Light Tracked
 - 225 Pounds, Rope Starting, -53.9 and 48.8 Celsius, 36" L, 16" H, 29' W
 - Being displaced by 5KW 28 VDC Auxiliary Power Unit (APU)
 - Model DC 4.2 – ORD/28
 - NSN: 6115-00-857-1397

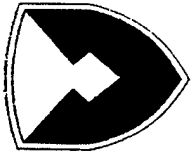
CECOM Bottom Line: The Soldier



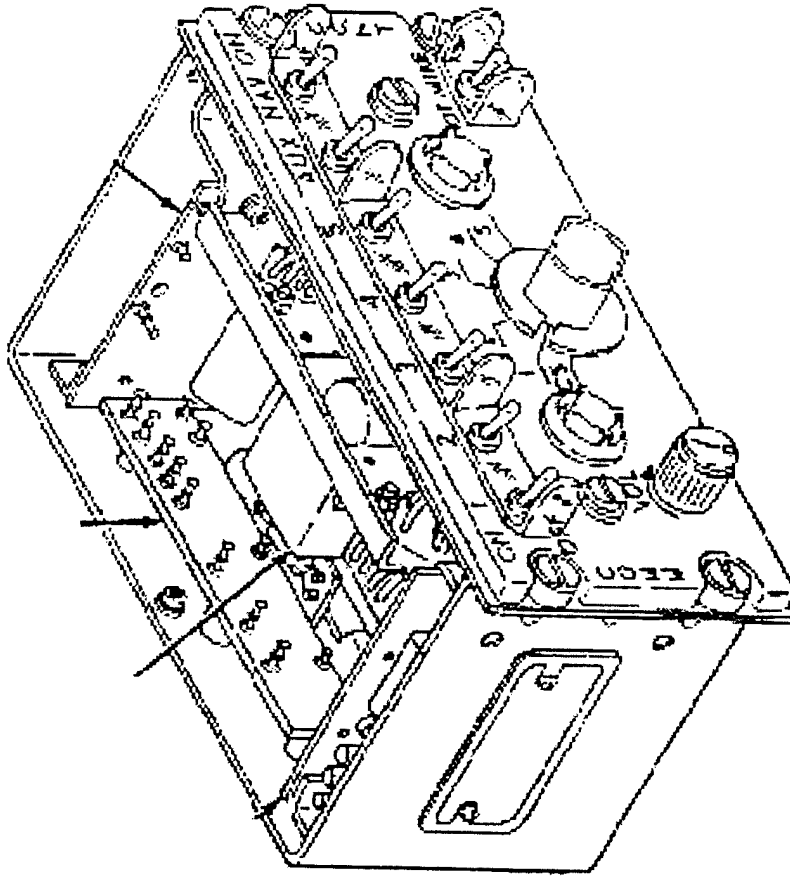
4.2kw Auxiliary Power Unit

- **OBJECTIVE:** Procure spares to support the 4.2kw Auxiliary Power Unit
- **CONTRACT TYPE:** IDIQ, 5years
- **ESTIMATED VALUE (Min-Max):** \$100K - \$500K
- **KEY MILESTONES:** RFP: Aug 00
Award: Dec 00
- **TECHNICAL CONTACT:** Nick Petouses, 732-532-7122
- **ACQUISITION CONTACT:** Vernay Salas, 732-532-1257

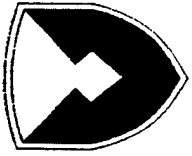
CECOM Bottom Line: The Soldier



C-6533/ARC Inter-Communications Set (ICS)



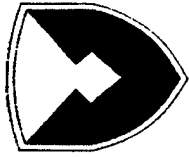
CECOM Bottom Line: The Soldier



C-6533/ARC Inter-Communications Set (ICS)

- **SALIENT CHARACTERISTICS**
- Used by aircraft pilots and crew members to communicate and access VHF/UHF radios inside various helicopters

CECOM Bottom Line: The Soldier



C-6533/ARC Inter-Communications Set (ICS)

• **OBJECTIVE:** Projected to be a competitive 5 year contract with delivery orders placed as needed.

• **CONTRACT TYPE:** IDIQ

• **ESTIMATED VALUE (Min-Max):** \$136 - 453K

• **KEY MILESTONES:** Draft RFP: Apr 00

Final RFP: Jul 00

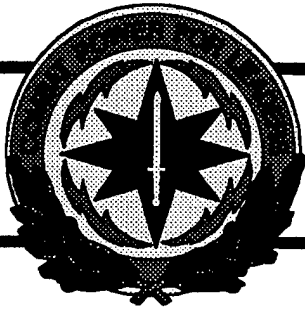
Award Date: Dec 00

• **TECHNICAL CONTACT:** Daniel Corwin 732-532-3724

• **ACQUISITION CONTACT:** Vernay Salas 732-532-1257

CECOM Bottom Line: The Soldier

NOTES



BIOGRAPHY

DENNIS J. TURNER

Director

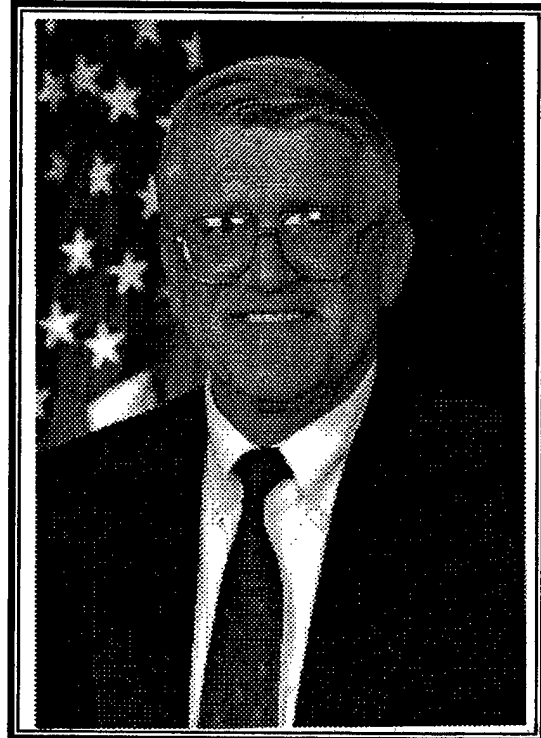
SOFTWARE ENGINEERING CENTER

UNITED STATES ARMY

**COMMUNICATIONS-ELECTRONICS COMMAND
FORT MONMOUTH, NEW JERSEY**

As the Director of the CECOM Software Engineering Center (SEC), Mr. Dennis J. Turner has executive responsibility for the overall mission of the organization, which is the largest of its kind in DOD. The SEC was formed as a result of DA and AMC directed consolidations and its mission encompasses software engineering support across all phases of the life cycle in functional domains from the desktop to the foxhole. Specifically, the SEC and its subordinate organizations, the C4IEW&S Directorate, the Information Systems Software Center (ISSC), the Logistics Systems Software Center (LSSC) and the Industrial Logistics Software Center (ILSC), provides software engineering support for systems in the tactical communications, satellite communications, command and control, avionics/intelligence electronic warfare, intelligence fusion, fire support, sustaining base, and AMC logistics/depot business areas.

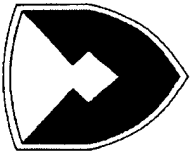
The SEC currently has responsibility for the development and support of over 450 types of systems, as well as related work in interoperability and software technology. The SEC resources are distributed across eight principal geographic sites and consist of over 1500 government personnel and approximately 2000 support contractors, and has an annual budget of over \$3000 million. Current organizational priorities include wholesale logistics modernization, horizontal integration of systems across all domains, reducing total cost of automation ownership, and overall integration of the new suborganizations into a cohesive SEC to enable unified Army software support from the desktop to the foxhole.



Before selection to the Army's Senior Executive Service in 1997, Mr. Turner served as the Acting Director of the SEC for three years and before that, he served as the organization's Deputy Director for six years. Before joining the SEC, he served as the Associate Director for Information Processing Technology within the CECOM Center for Command, Control, and Communications Systems. Prior to that he was the Chief of the Software Engineering Division within the Center for Tactical Computer Systems. He has also held a number of industrial positions with Electronic Associates Incorporated, Frequency Engineering Laboratories, and Atlantic Technology Corporation.

Mr. Turner holds Bachelors and Masters degrees in Electronics Engineering from Monmouth University in 1969 and 1973, respectively.

Mr. Turner resides in Middletown, New Jersey with his two sons, Chris, currently in the Air Force, and Jay, a Senior at The College of New Jersey.

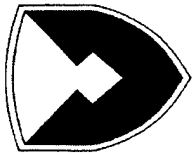


SOFTWARE ENGINEERING CENTER CONTRACT OPPORTUNITIES



DENNIS J. TURNER
DIRECTOR

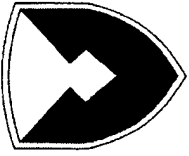
CECOM Bottom Line: The Soldier



SEC SECURITY SUPPORT SERVICES



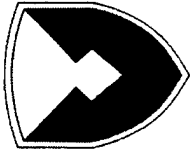
CECOM Bottom Line: The Soldier



SEC SECURITY SUPPORT SERVICES

- **PLACES OF PERFORMANCE: FORT MONMOUTH, NJ; FORT SILL, OK; AND FORT HUACHUCA, AZ**
- **CUSTOMERS: CECOM SEC & RDEC COMPONENTS**
- **SKILLS REQUIRED: POSSESS TECHNICAL, ADMINISTRATIVE AND FUNCTIONAL SKILLS IN THE AREAS OF PERSONNEL SECURITY, INFORMATION SECURITY, PHYSICAL SECURITY, AND COMMUNICATIONS SECURITY**
- **AREAS SUPPORTED: ALL SEC FACILITIES AND OTHER CECOM AND GOVERNMENT FACILITIES**

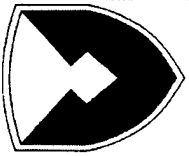
CECOM Bottom Line: The Soldier



SEC SECURITY SUPPORT SERVICES

- **OBJECTIVE: PROVIDE FULL RANGE OF SECURITY SUPPORT SERVICES TO THE SEC ORGANIZATION AS WELL AS OTHER FORT MONMOUTH REQUIREMENTS**
- **CONTRACT TYPE: TIME & MATERIALS
BASIC & 4 OPTION YEARS**
- **ESTIMATED VALUE: \$10M - \$12M**
- **KEY MILESTONES: RFP RELEASE: 4QTR FY99
CONTRACT AWARD: 1QTR FY00**
- **TECHNICAL CONTACT: GENE BOYLE, (732) 532-8220**
- **ACQUISITION CONTACT: DEBRA SHREVE, (732) 532-2461**

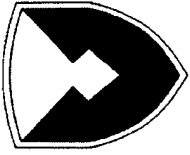
CECOM Bottom Line: The Soldier



DEPARTMENT OF THE ARMY SOFTWARE SUPPORT SERVICES UMBRELLA 4 (DASSS-U4)



CECOM Bottom Line: The Soldier

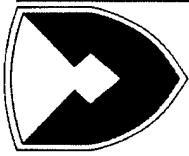


DEPARTMENT OF THE ARMY SOFTWARE SUPPORT SERVICES UMBRELLA 4 (DASSS-U4)



- **PLACES OF PERFORMANCE: FORT MEADE, MD; FORT BELVOIR, VA; AND FORT MONMOUTH, NJ**
- **CUSTOMERS: SDC-W (PM HOMES, PM AIM, ASAFM, PM SIDPERS-3), AND ISSC HQ (DISC4/PEO STAMIS - SBIS)**
- **SKILLS REQUIRED: SYSTEMS DESIGN AND ANALYSIS, SOFTWARE DEVELOPMENT AND MAINTENANCE, SOFTWARE REUSE, SOFTWARE TESTING AND INSTALLATION, CONFIGURATION MANAGEMENT, RISK MANAGEMENT, ECONOMIC ANALYSIS, SOFTWARE ENGINEERING**
- **SYSTEMS SUPPORTED: SIDPERS-3, COLD WAR RECOGNITION, HOMES, AIM, SBIS, COMMUNICATIONS SYSTEM CONTROL ELEMENT, COMMON DATA ANALYSIS AND PROCESSING, SBIS/AIX, FINANCIAL MANAGEMENT REDESIGN**

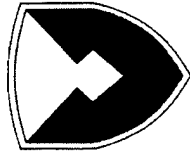
CECOM Bottom Line: The Soldier



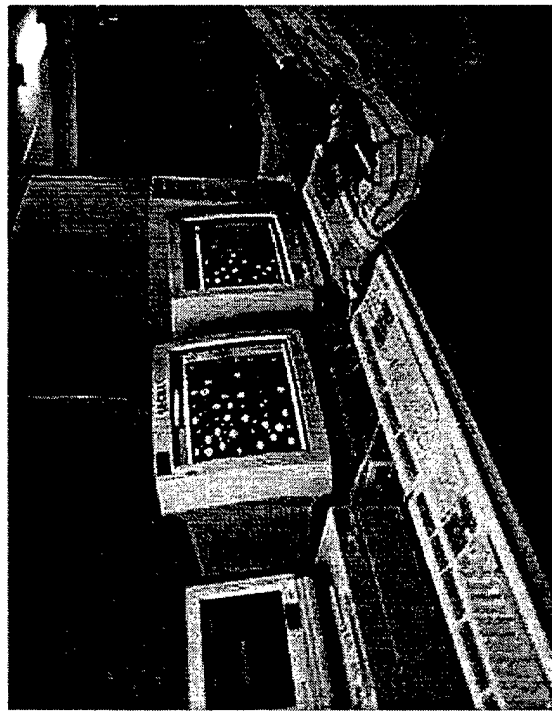
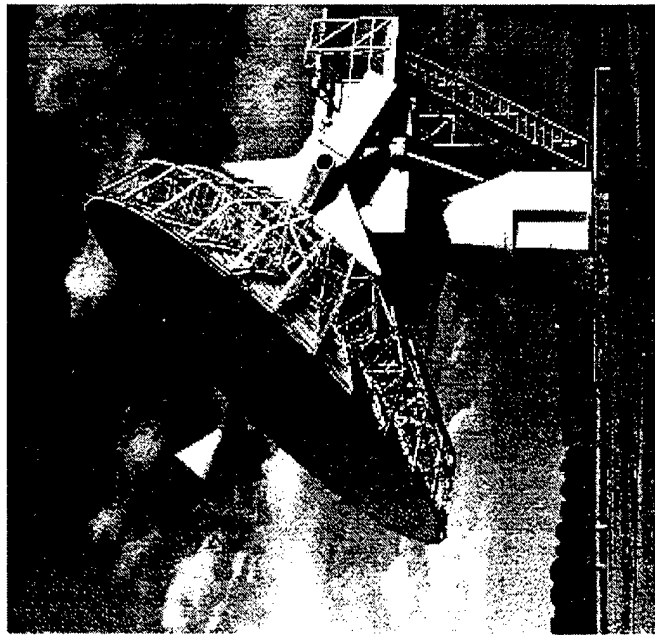
DEPARTMENT OF THE ARMY SOFTWARE SUPPORT SERVICES UMBRELLA 4 (DASSS-U4)

- **OBJECTIVE: PROVIDE SOFTWARE SUPPORT SERVICES FOR SUSTAINING BASE SYSTEMS WORLD-WIDE. COMMERCIAL SOFTWARE, HARDWARE AND PROCESSES/PRACTICES WILL BE UTILIZED TO SATISFY USER REQUIREMENTS**
- **CONTRACT TYPE: TIME AND MATERIALS
BASIC & 4 OPTION YEARS**
- **ESTIMATED VALUE: \$80M - \$100M**
- **KEY MILESTONES: RFP RELEASE - 3QTR FY00
CONTRACT AWARD - 4QTR FY00**
- **TECHNICAL CONTACT: ROBERT F. BARB, (703) 806-4172**
- **ACQUISITION CONTACT: DEBBIE HOFFMAN, (703) 325-3341**

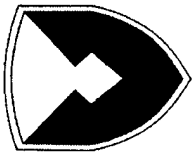
CECOM Bottom Line: The Soldier



SYSTEMS AND SOFTWARE ENGINEERING SUPPORT FOR COMMUNICATIONS, COMMAND & CONTROL SYSTEMS



CECOM Bottom Line: The Soldier

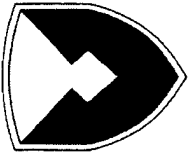


SYSTEMS AND SOFTWARE ENGINEERING SUPPORT FOR COMMUNICATIONS, COMMAND & CONTROL SYSTEMS



- **PLACES OF PERFORMANCE: FORT MONMOUTH, NJ; FORT GORDON, GA; GERMANY; AND KOREA**
- **CUSTOMERS: PEO C3S, PM WIN-T, PM TRACS, PM MILSATCOM, PM DCATS, PM OPTADS, U.S ARMY SPACE COMMAND, AND THE DEFENSE INFORMATION SYSTEMS AGENCY**
- **SKILLS REQUIRED: SOFTWARE AND SYSTEMS ENGINEERING EXPERTISE IN SATELLITE, TACTICAL AND COMMAND & CONTROL SYSTEMS. EXPERTISE IN INFORMATION OPERATIONS/ INFORMATION ASSURANCE, HOST SYSTEMS MANAGEMENT, JOINT INTEROPERABILITY TESTING, CONFIGURATION MANAGEMENT AND SOFTWARE QUALITY ASSURANCE**
- **SYSTEMS SUPPORTED: TACTICAL SWITCHING SYSTEMS, SATELLITE COMMUNICATIONS SYSTEMS AND COMMAND & CONTROL SYSTEMS**

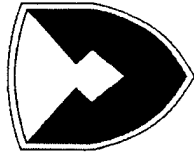
CECOM Bottom Line: The Soldier



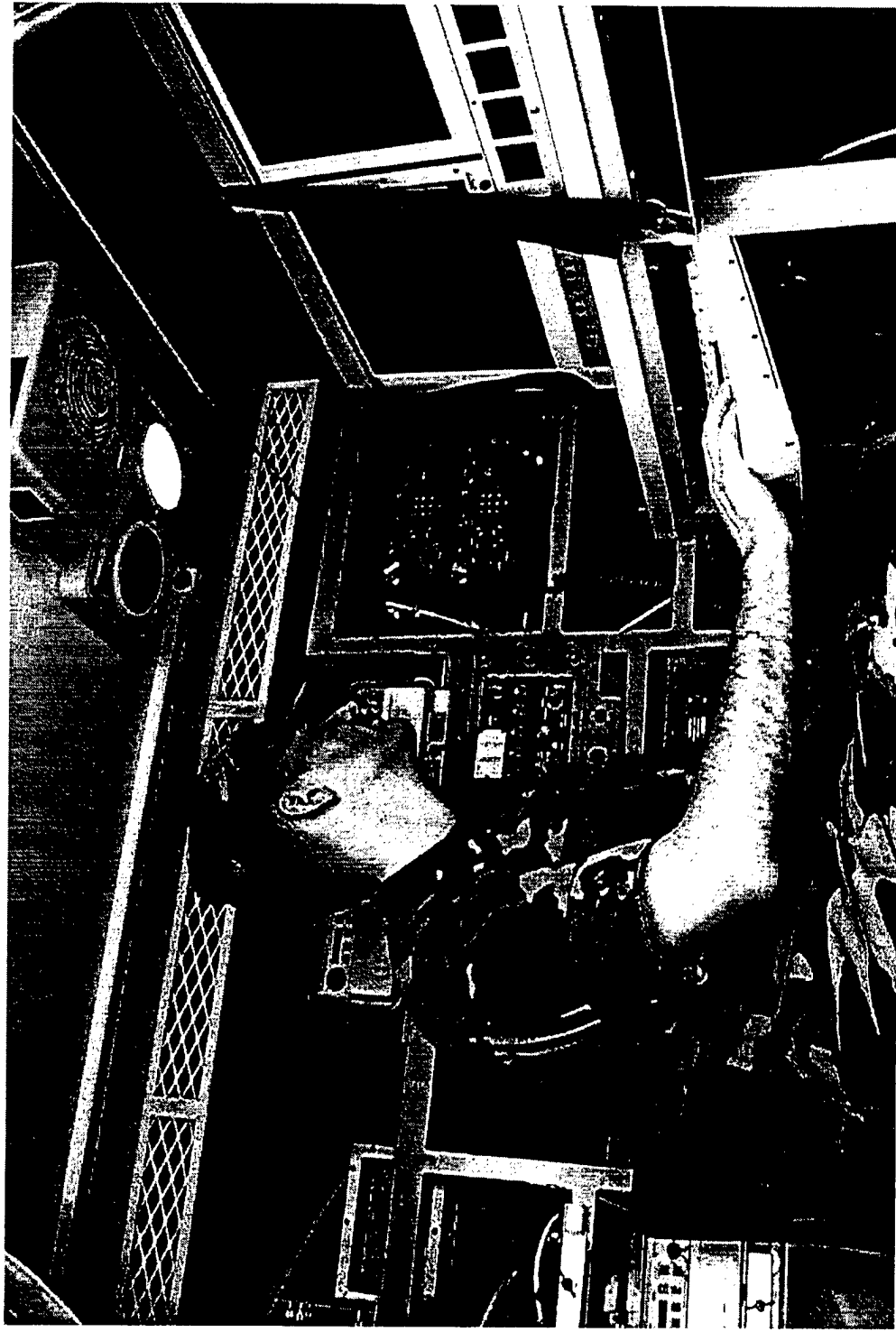
SYSTEMS AND SOFTWARE ENGINEERING SUPPORT FOR COMMUNICATIONS, COMMAND & CONTROL SYSTEMS

- **OBJECTIVE: PERFORM POST PRODUCTION SOFTWARE SUPPORT, AND PROVIDE THE GOVERNMENT WITH SOFTWARE AND SYSTEMS ENGINEERING EXPERTISE IN THE COMMUNICATIONS, COMMAND & CONTROL FUNCTIONAL AREAS**
- **CONTRACT TYPE: TIME & MATERIALS WITH AWARD FEE
BASIC & 4 OPTION YEARS**
- **ESTIMATED VALUE: \$100M - \$125M**
- **KEY MILESTONES: RFP RELEASE - 4QTR FY00
CONTRACT AWARD - 2QTR FY01**
- **TECHNICAL CONTACT: GENE BOYLE - (732) 532-8220**
- **ACQUISITION CONTACT: DEBRA SHREVE - (732) 532-2461**

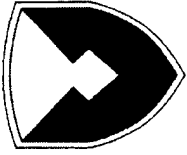
CECOM Bottom Line: The Soldier



SOFTWARE AND SYSTEMS ENGINEERING SUPPORT FOR AIEW SYSTEMS



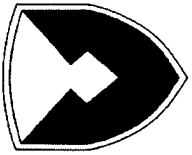
CECOM Bottom Line: The Soldier



SOFTWARE AND SYSTEMS ENGINEERING SUPPORT FOR AIEW SYSTEMS

- **PLACE OF PERFORMANCE: FORT MONMOUTH, NJ; FORT HUACHUCA, AZ; FORT SILL, OK; EUROPE; AND KOREA**
- **CUSTOMERS: PEO IEW&S, PM INTEL FUSION, PM AEC, CECOM LRC, CECOM RDEC**
- **SKILLS REQUIRED: IEW SYSTEMS & TECHNOLOGIES, TACTICAL DATA FUSION, SOFTWARE DEVELOPMENT/ SUSTAINMENT/POST-PRODUCTION SUPPORT**
- **SYSTEMS SUPPORTED: ALL SOURCE, GUARDRAIL/ ACS, JOINT STARS, AIRCRAFT SURVIVABILITY EQUIPMENT/ ELECTRONIC COMBAT, AVIONICS**

CECOM Bottom Line: The Soldier



SOFTWARE AND SYSTEMS ENGINEERING SUPPORT FOR AIEW SYSTEMS

- **OBJECTIVE: TO PROVIDE LIFECYCLE SOFTWARE AND SYSTEMS ENGINEERING SUPPORT FOR ARMY AVIONICS/ INTELLIGENCE ELECTRONIC WARFARE SYSTEMS**
- **CONTRACT TYPE: TIME & MATERIALS WITH AWARD FEE
BASIC & 4 OPTION YEARS**
- **ESTIMATED VALUE: \$100M - \$125M**
- **KEY MILESTONES: RFP RELEASE - 1QTR FY01
CONTRACT AWARD - 3QTR FY01**
- **TECHNICAL CONTACT: GENE BOYLE (732) 532-8220**
- **ACQUISITION CONTACT: DEBRA SHREVE (732) 532-2461**

CECOM Bottom Line: The Soldier

NOTES

COL Scipio de Kanter

Deputy Program Executive Officer, Standard Army Management Information Systems

COL de Kanter was named Acting Program Executive Officer on 14 September 1998. He is responsible for the design, development, fielding and sustainment of standard management information systems for the Army.

Prior to his current assignment, COL de Kanter served as the Project Manager, Information Management and Telecommunications Pentagon Renovation. He was responsible for modernizing the information management and telecommunications infrastructure of the Pentagon, the world's largest low-rise office building.

Entering active duty as a second lieutenant in July 1974 COL de Kanter was initially assigned to the 11th Signal Group, Ft. Huachuca, Arizona. There he served with both the 40th Signal Battalion (Construction) and the 526th Signal Company. In June, 1976, he was selected as the aide-de-camp to the Commander, U.S. Army Communications Systems Agency / Project Manager, Defense Communications Systems (Army) Communications Systems, Ft. Monmouth, N.J.

In January 1980 he was assigned as the communications-electronics staff officer for the 1st Battalion, 94th Field Artillery, Fuerth, Germany. In August 1980 he assumed command of Headquarters and Headquarters Battery, 1-94 FA and served as its commander until January, 1983.

In February 1983, COL de Kanter was assigned as a project officer with the Program Executive Office, Networks/U.S. Army Information Systems Management Activity. There he was responsible for the material acquisition management of strategic transmission systems for U.S. forces deployed in Honduras and for the enhancement of the Defense Communications System which supported the CINCPAC, U.S. Southern Command in Panama.

In July 1988 COL de Kanter was assigned to Supreme Headquarters Allied Powers Europe (SHAPE), Casteau, Belgium, where he served as a command, control, communications engineer with the Combat Management Branch, Assistant Chief of Staff for Operations Division.

Returning to Ft. Monmouth, N.J. in July 1991, COL de Kanter was assigned as the Product Manager, Western Hemisphere Transmission Systems for the Program Manager, Army Information Systems. He developed, acquired, tested, improved and fielded transmission systems in support of the Army's portion of the Defense Communications System and Army Transmission Systems in the Western Hemisphere.

Afterwards he served as the Deputy Program Manager for the Defense Information Systems Network Program Office, Defense Information Systems Agency, Arlington, Virginia.

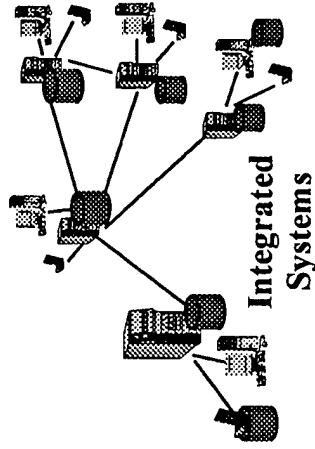
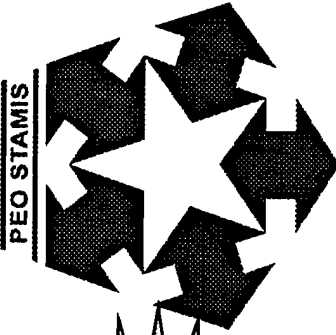
COL de Kanter's decorations include the Defense Superior Service Medal, the Defense Meritorious Service Medal, the Meritorious Service Medal with three oak leaf clusters and the Army Commendation Medal with one oak leaf cluster.

A graduate of the Florida Institute of Technology with a Bachelor of Science degree in Electrical Engineering (1972), COL de Kanter received a Master of Science degree in Electrical Engineering from Fairleigh Dickinson University in 1986. He is a graduate of the U.S. Army War College Senior Service College Fellowship Program at the University of Texas at Austin; the U.S. Army Command and General Staff College; the Armed Forces Staff College; the Defense Systems Management College and the Signal Officer Advance and Basic Courses.

Born on April 30, 1949 in Mexico City, DF, Mexico, COL de Kanter is married to the former Mary Frances Boyd of Middletown, N.J. They have three daughters: Caitlyn Boyd, Christine Alison and Kimberly Ann.

Program Executive Office Standard Army Management Information Systems

*Supporting the Warfighter
with Effective/Efficient
Combat Service Support*



Key Combat Service Support and Sustaining Base Information Systems



CSS Systems



Transportation Mgmt



Medical Comm's

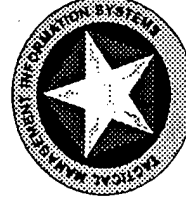
Support



Global
Messaging



Personnel Mgmt -Recruiting
Distance Learning Programs



Acquisition/Logistics Mgmt
and Enabling Technologies



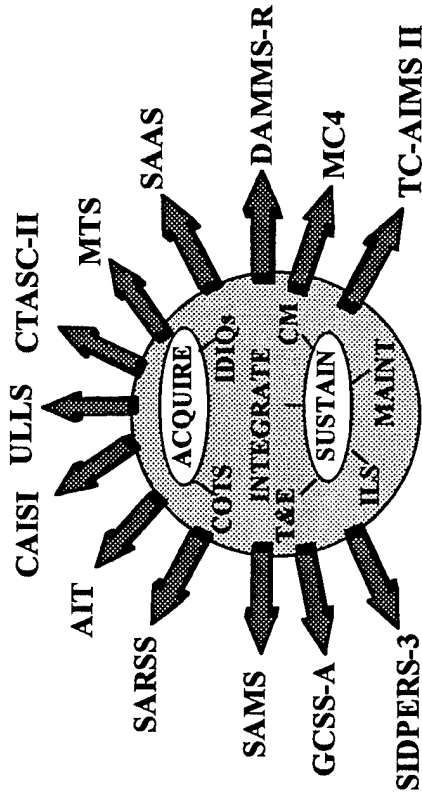
**Program Executive Officer
Standard Army Management Information Systems**

**COL Scipio de Kanter
Deputy PEO STAMIS
(703) 806-4200
dekanTERS@peostamis.belvoir.army.mil**

visit our website at: www.peostamis.belvoir.army.mil



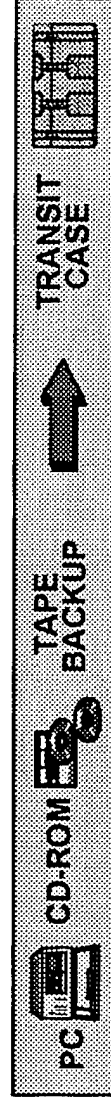
STAMIS Tactical Computers (STACOMP) Contract



**CURRENTLY SUPPORTED
FUNCTIONAL COMMUNITIES**

Benefits:

- Stabilized hardware configurations 
- Integrated and tested components/configurations



- Synchronized, on-site fieldings 
- Life cycle maintenance

COMPLETE, SUPPORTED, AND PROVISIONED HARDWARE SYSTEMS USING COTS PRODUCTS



STAMIS COMPUTER CONTRACT (SCC-III)

Characteristics

- Indefinite Delivery/Indefinite Quantity (IDIQ) Contract for the Acquisition of State-of-the-Art, Commercial Off-The-Shelf Hardware - Software - Support Services for Standard Army Management Information Systems, to include:
 - Hardware: Desktops, Laptops, Servers, Peripherals
 - Software: Operating Systems, Communications
 - Support Services: Site Surveys, Integration, Studies
- Operational Environments
 - Tactical and Non-Tactical
 - Worldwide support to PEO STAMIS programs



STAMIS COMPUTER CONTRACT (SCC-III)

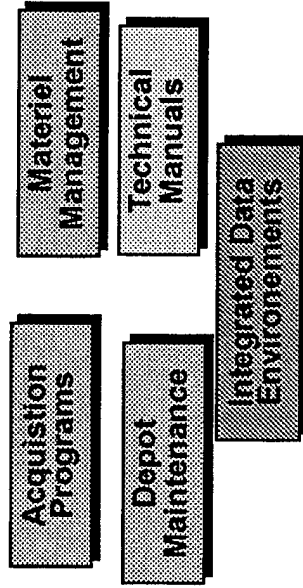
- **OBJECTIVE:**
Procure Commercial Off-The-Shelf Hardware, Software, and Support Services for PEO STAMIS programs
- **PROPOSED CONTRACT TYPE:**
-5-Yr Indefinite Delivery/Indefinite Quantity (IDIQ)
-3-additional years for Technical Support & Maintenance
- **KEY MILESTONES:**
-RFP release: 2Q FY 2002. Contract Award: 1Q FY 2003
- **ESTIMATED VALUE:** \$500 -700 Million
- **POC NAMES/TELEPHONE NUMBERS:**
-PO STACOMP: Ms. Jan Runyon, (703) 806-3956
-Acquisition KO: Mr. Andrew Sweet, CAC-W, (703) 325-8727

Joint Computer-Aided Acquisition and Logistics Support (JCALS)

JCALS System

- ADPE and Telecommunications that support:
 - Infrastructures for Electronic Technical Manuals
 - Integrated Digital Environment for systems management
- Automated processes to assist with:
 - Streamlining DoD Logistics and Acquisition processes
 - Reduced Total Ownership Costs
 - Program Management concepts
 - Deployment of systems to the warfighter

JCALS Applications



JCALS Products

- * Automated Technical Manual services
- * Global Data Management System
- * Workflow Manager
- * Reference Library
- * PC Client
- * Data Communications
- * Network Management & Security
- * User Interfaces

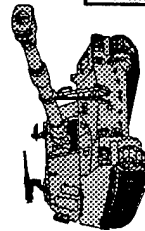
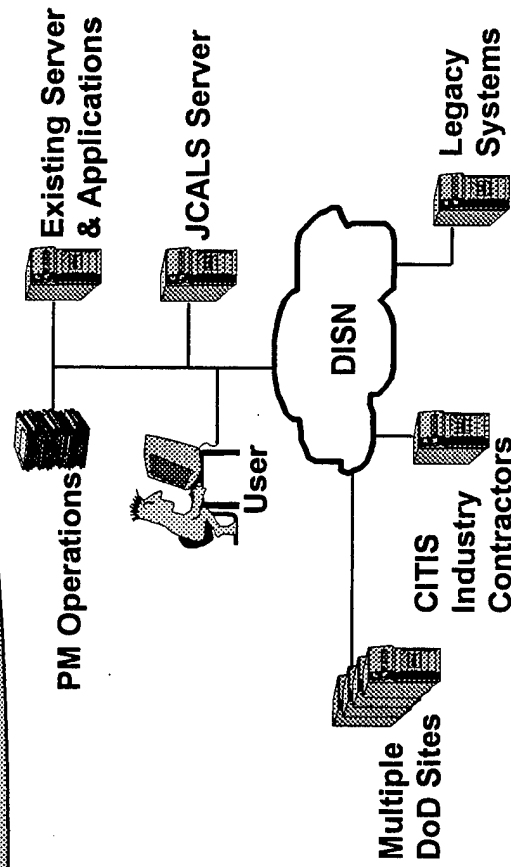
JCALS Key Features

- * Flexible, Scalable Interoperable Architecture
- * Continuous Process Improvement
- * Electronic Shared Workfolders
- * Legacy Systems Data Capture
- * Reduced Electronic Signature

Targeted Deployment

424 DoD sites

17000 + JCALS users at over 55 DoD locations as of Apr 99





Joint Computer-Aided Acquisition and Logistics Support (JCALS)

Characteristics

- **Digital - Distributed Data Environment to exchange Logistical and Technical Information for all Services**
- **Support for Business Process Re-Engineering and Continuous Process Improvement Efforts**
- **JCALS APPLICATIONS/SERVICES:**

-ADPE and Infrastructures for:

Electronic Technical Manuals

Paperless Acquisition / Contracting

-Global Data Manager

-Reference Library

-Workflow Manager



Joint Computer-Aided Acquisition and Logistics Support (JCALS)

•OBJECTIVE:

Acquire JCALS Site Preparation and Installation Services

-Perform Site Surveys, Site Preparation and System

Installation, to include upgrade of:

-LAN/WAN Backbone Systems

-Facility-specific services

•PROPOSED CONTRACT TYPE:

-Indefinite Delivery/Indefinite Quantity (IDIQ) / T&M

•KEY MILESTONES:

-RFP release-2QFY00. Contract Award - 4QFY00

•ESTIMATED VALUE: \$50-55 Million

•POC NAMES/TELEPHONE NUMBERS:

-PM JCALS: Mr. John Kahrs, (732) 532- 0400

-Acquisition KO: Mr. Rick Sturgis, CAC-W, (703) 325-6068



Joint Computer-Aided Acquisition and Logistics Support (JCALS)

•OBJECTIVE:

Procure JCALS Hardware and Software

-Commercial Off-The-Shelf Hardware and Software to support the deployment and installation of the JCALS Capability PC's, Servers, Peripherals, Storage Devices, COTS Software

• PROPOSED CONTRACT TYPE:

-Indefinite Delivery/Indefinite Quantity (IDIQ) / FFP

•KEY MILESTONES:

-RFP release-2QFY00. Contract Award - 4QFY00

•ESTIMATED VALUE: \$200-\$250 Million

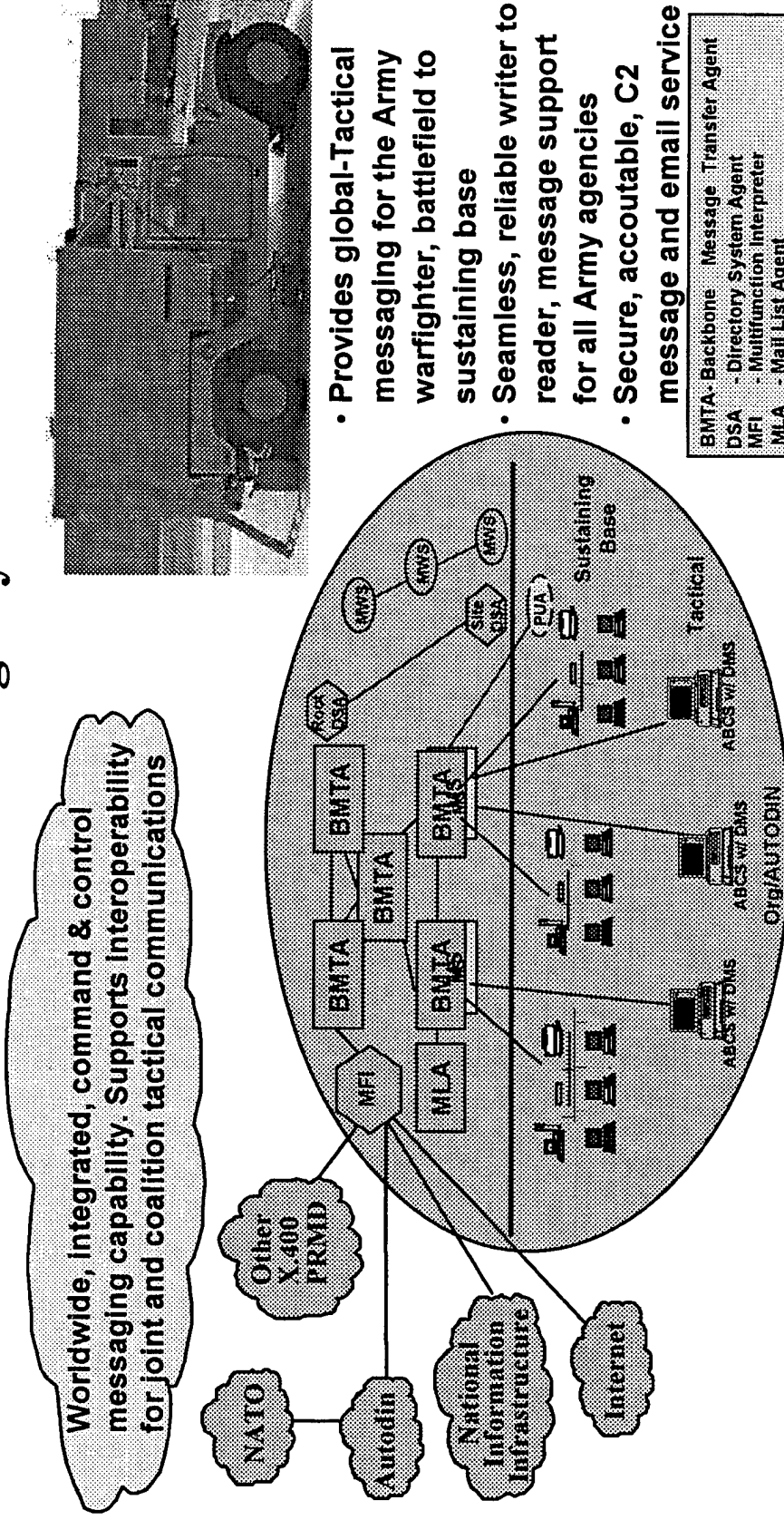
•POC NAMES/TELEPHONE NUMBERS:

-PM JCALS: Mr. John Kahrs, (732) 532-0400

-Acquisition KO: Mr. Rick Sturgis, CAC-W, (703) 325-6068

Defense Message System - Army (DMS-Army)

Tactical Message System



DMS-Army replaces the 1960s AUTODIN and Telcom Centers. Tactical Message System provides a deployable Command and Control messaging capability.



Defense Message System - Army (DMS-Army)

Tactical Message System

Characteristics

- Utilizing standardized communication configurations, provides global command and control messaging for the Army, battlefield to sustaining base.
- Implements seamless, reliable writer-to-reader message support.
- DMS-Army Tactical Message System Features:
 - Uses COTS Hardware and Software mounted in military standard vehicle shelters (HMMWV)
 - Provides secure (Secret) and unclassified messaging support
 - Provides secure Command and Control email
 - Replaces aging legacy tactical messaging system(s)



Defense Message System - Army (DMS-Army)

•OBJECTIVE:

Acquire DMS-Army - Tactical Message System

**-72 ea. Tactical Message System (TMS) configurations for
HMMWV mounted shelter integration:**

- Command & Control Messaging and Communications Equipment**
- Integration Services**

•PROPOSED CONTRACT TYPE:

FFP - Multi-Year (FY2000-2003)

•KEY MILESTONES:

RFP release -2QFY00; Contract Award - 3QFY00

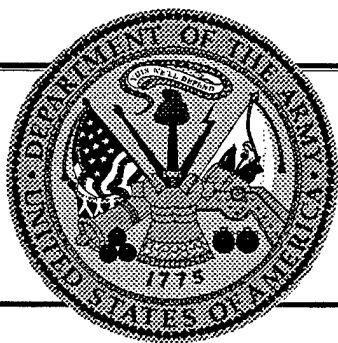
•ESTIMATED VALUE: \$40-50 Million

•POC NAMES/TELEPHONE NUMBERS:

-PM DMS: COL Robert Raiford (732) 532-7913

-Acquisition KO: CECOM Acquisition Center-Fort Monmouth

NOTES



BIOGRAPHY

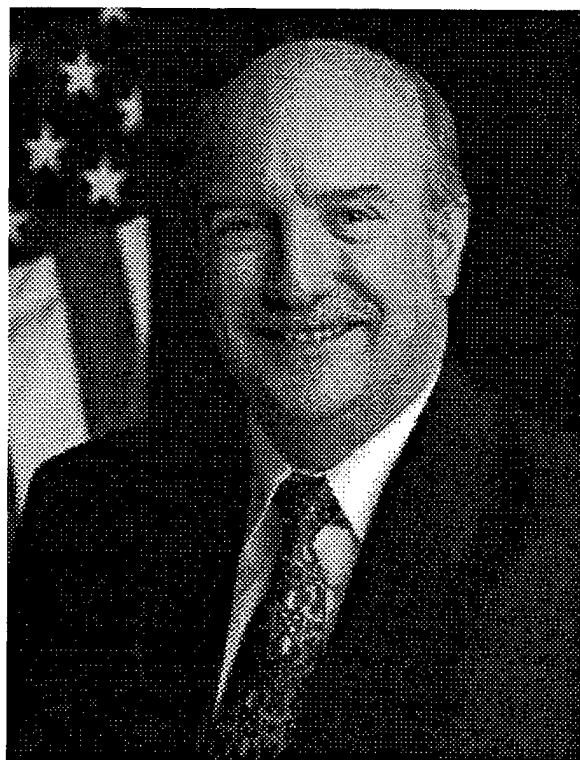
EDWARD T. BAIR
Deputy Program Executive Officer
Intelligence, Electronic Warfare
and Sensors
Fort Monmouth, NJ 07703

As the United States Army's Deputy Program Executive Officer of Intelligence, Electronic Warfare and Sensors (PEO IEW&S), Mr. Bair is responsible for executive leadership, oversight, direction, and total cost of ownership, for Army IEW&S modernization strategies and program capabilities.

Mr. Bair was selected for the Senior Executive Service (SES) in April 1996. He, previously, was the Chief of Business Management for the Army's Program Executive Office for Intelligence and Electronic Warfare Systems (PEO IEW, now Intelligence, Electronic Warfare and Sensors, PEO IEW&S), from September 1987 to July 1993. As the PEO's Business Manager, he oversaw and provided resource, acquisition and program planning guidance and risk assessments for all Army tactical IEW and stand-alone battlefield sensor programs (a \$4 billion business sector), reporting through the Program Executive Officer to the Army Acquisition Executive.

Mr. Bair's prior assignments included Chief of the Procurement Appropriations, U.S. Army Communications-Electronic Command (CECOM), Fort Monmouth, where he was responsible for staff analysis and advocacy of \$3 billion annually of acquisition (investment) resources, spanning the full spectrum of Army tactical communications-electronics and sensors equipment, both major weapons systems and sustaining spares. He also served as Chief of the Customer Control Operations, USACECOM, and as Budget/Program Analyst for weapons systems.

Mr. Bair holds a Masters of Science Degree in National Resources Strategy from the National Defense University, and a Bachelor of Science Degree in Industrial Management from Purdue University. He is also a graduate of the Defense Acquisition University's Senior Acquisition Capstone Course.



Mr. Bair's recognitions include: Distinguished Graduate from National Defense University; ICAF/ADPA Award of Merit for Excellence in Research; MG Theodore Antonelli Award for Industry Study Excellence; U.S. Army Meritorious Civilian Service Award (twice); U.S. Army Field Artillery St. Barbara's Award; USACECOM Comptroller Leadership Award, Secretary of the Army Outstanding Achievements in Material Acquisition Nominee; and #1 Dad Award. Mr. Bair is the author of three publications as well, all addressing Defense Acquisition Reform and the Industrial Base.

A native of Albany, New York, Mr. Bair is married to the former Joann Drahos, of Oakhurst, NJ. They have three children, Melissa, Brett and Brandon.



Team C4LEWS APBI

Exclusively Opportunity

with

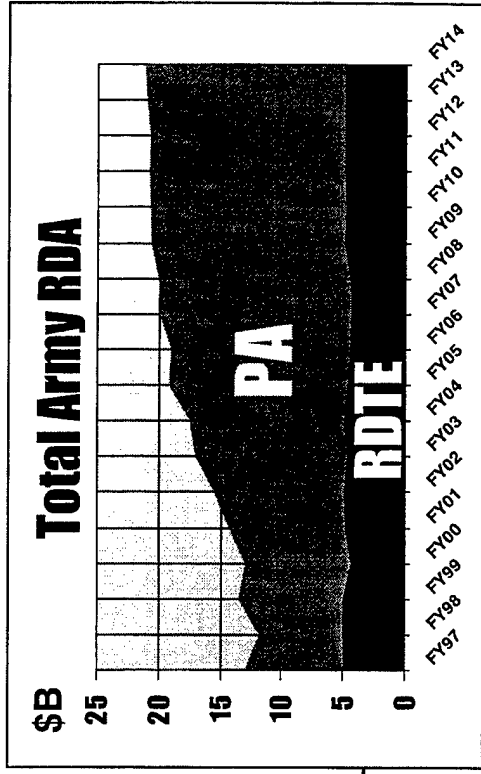
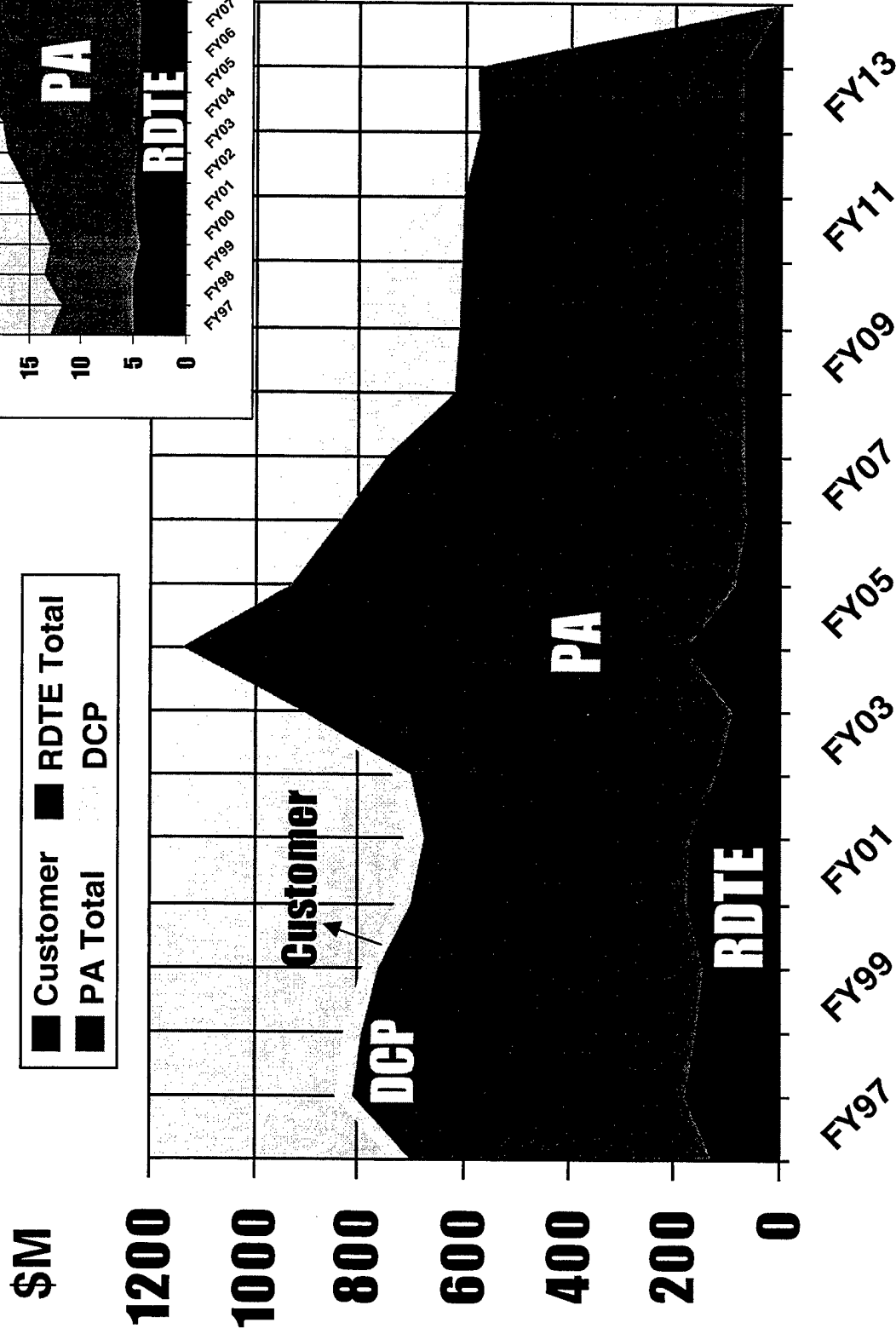
PEO LEW&S

Mr. Edward T. Bair - DPEO

bair@mail1.monmouth.army.mil



PEO IEW&S





Leveraging Technology Support to the XXI Century Warfighter

The Way Ahead...

Estimated Business Opportunity: \$2.9B

EO/IR & Lasers

Thermal

J2

TUAV (EO/IR)

HTI FLIR

LVRS

SIGINT

ACS

Prophet

Radar

**TUAV
(SAR/MTI)**

Profiler

Multi-Function

ACS



EO/IR & Lasers

MELIOS

MNVD

25mm

ELDR



SNS



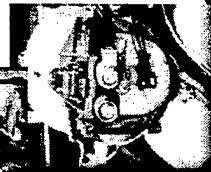
PVS-7



ANVIS/HUD



ANVIS



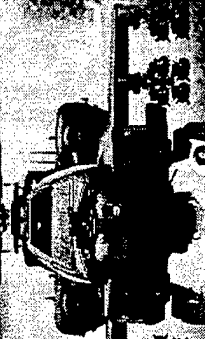
LRAS3



CIDDs



HTI Laser



NOW

Filmless MCP

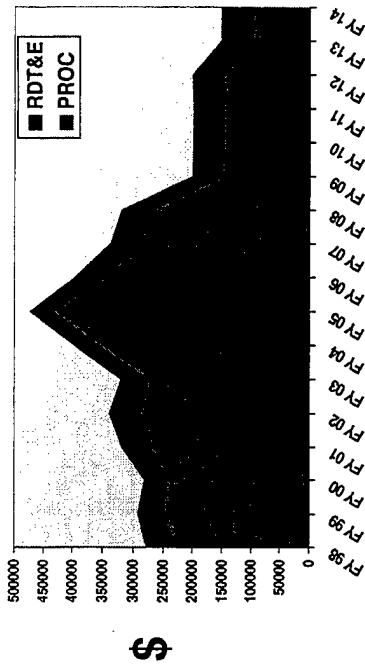
Sensor Fusion

Aviation FLIR

GEN III FLIR

FUTURE

HYPER Spectral Imaging



Thermal Omnibus II

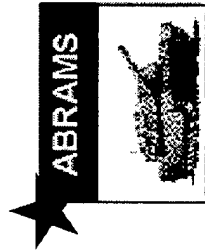
Thermal Weapon System (TWS)



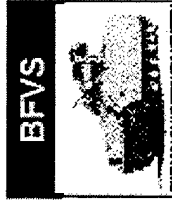
*TWS Provides a
Day/ Night,
Thermal Imaging
System for
Individual and
Crew Served
Weapons*



Thermal Omni II Driver's Vision Enhancer (DVE)



ABRAMS



BFVS



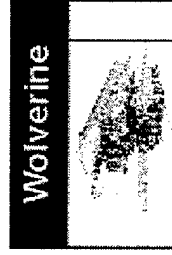
M58 Smoke



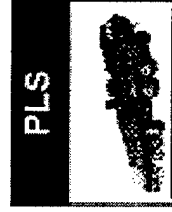
GRIZZLY



M56



Wolverine



PLS



AAV

* Driver's Vision Enhancer (DVE) Provides Driving Capability for Combat and Tactical Wheeled Vehicles During Daylight, Darkness, and in Degraded Battlefield Conditions



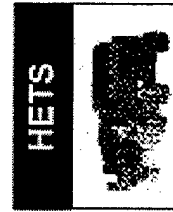
LAV



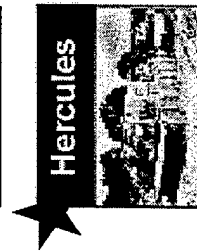
HEMTT



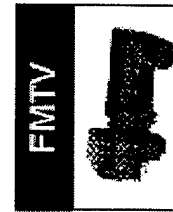
AVLB



HETS



Hercules



FMTV



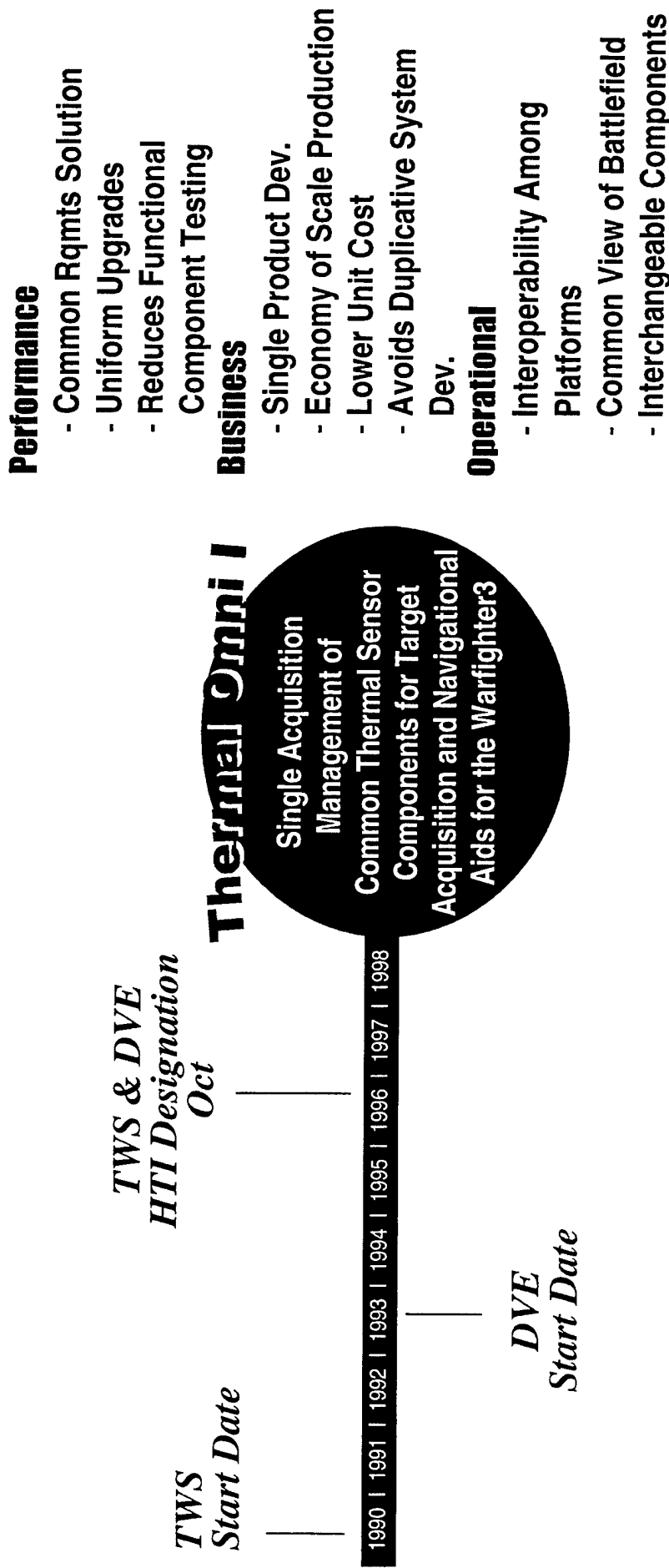
Common Technical Solution Ensures All Drivers Have Same View of Battlespace



Marines



Thermal Omni: How We Got Here



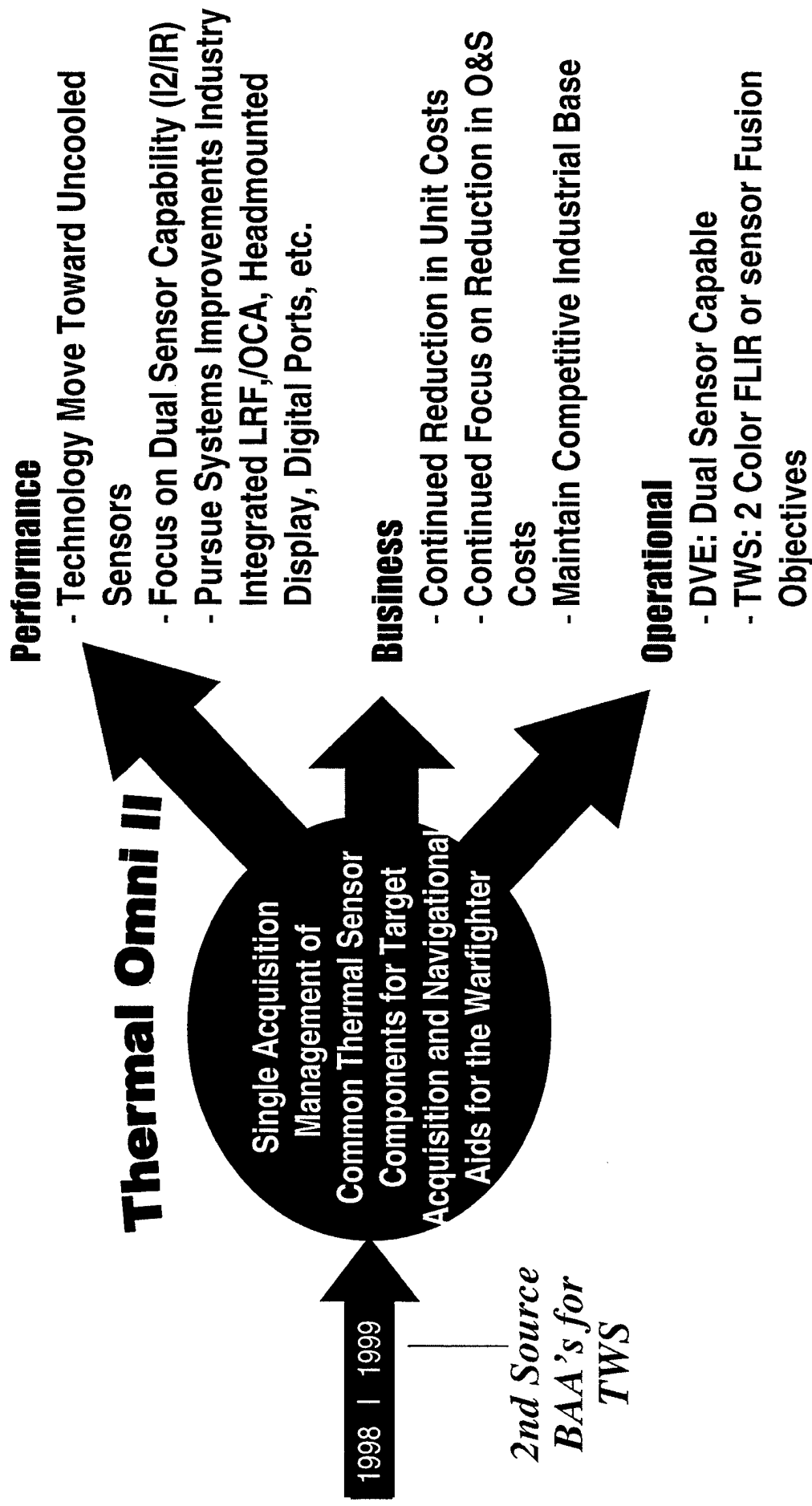
“Horizontal Technology Integration(HTI) is the Linchpin of Our Modernization Strategy for the Future - “

GEN Ronald H. Griffith Army Vice Chief of Staff - Oct 95

Thermal Omni I
Awarded June 98



Thermal Omni: Where We're Going





TWS Characteristics

Requirement	Type	Threshold	Objective
Weight (w/ Battery)	H/M/L	6.0/5.0/3.0 lbs	5.0/4.5/2.0 lbs
Range	H/M/L	1.9/1.0/0.55 km	2.2/1.1/0.55 km
Operating time, Full On, w/ Battery, @ 25°C		7.0 hrs	8.0 hrs
Narrow Field of View	H/M/L	3.0°/6.0°/14.0°	4.0/9.0/27.0°
Audio Security	H	10 m	5 m
	M,L	5 m	5 m
Minimum Operating Temp		-37°C	-46°C

L: Light TWS

M: Medium TWS

H: Heavy TWS



DVE Characteristics

Requirement	Threshold	Objective
FOV (in degrees)	20X40	30X180
Detect rocks, trees, ditches, standing personnel	110 meters	156 meters
Cold start to full operation	5 minutes	5 seconds
Silent Watch Mode not transmit audible sounds	beyond 50 m	beyond 5 m
Installation w/ Mission Oriented Protective Posture	MOPP 0 w/I 30 seconds	MOPP IV within 2 min.
Minimum Temperature	-37 C	-51 C

Thermal Omnibus Contract Opportunity

Objective:

Full Rate Production

- 8,000 - 10,000 TWS Units
- 400 - 600 DVE Units
- Logistics Supports
- Options for Systems/Spares
- Above Basic Buy

Contract Type:

FFP, 3 Year Multiyear

Structure:

Split Award (60/40) for TWS

Estimated Qty/value:

\$200-240 M
(Not Including Options)

Key Milestones:

RFP Release: 2QFY01

Award: 3QFY01

Technical Contact:

Joe Brooks (703) 704-1251

Acquisition Contact:

Judith Anderson (732) 427-1048

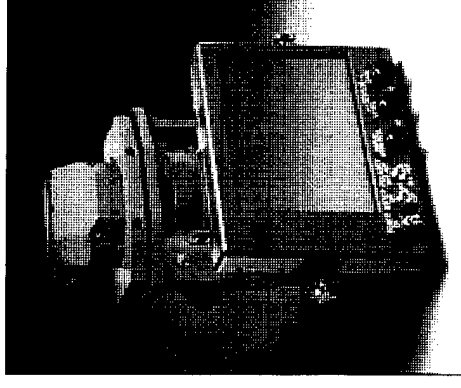
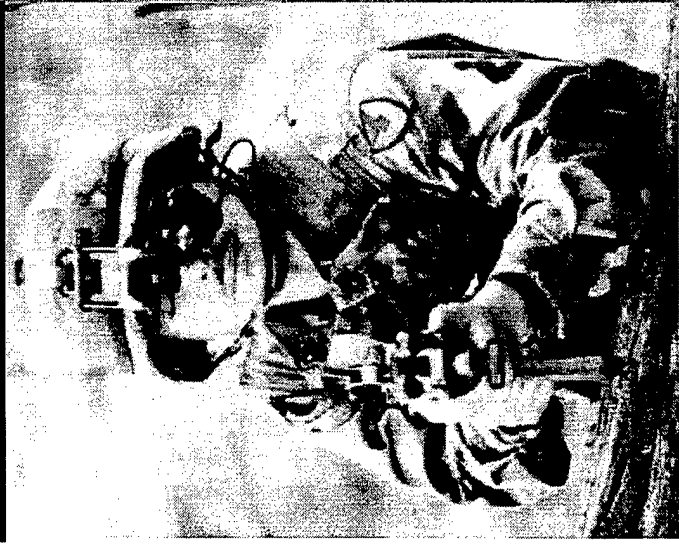


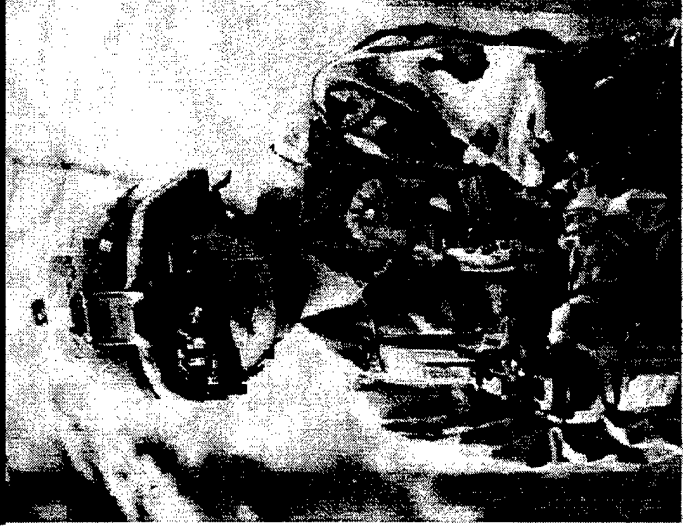
Image Intensification (I²) Systems OMNIBUS

PVS-14



- AN/PVS-14 (MNVD) Provides Leaders of Combat Infantry Units with a Light Weight, Gen III NV Device for Observation and Command & Control
- Mountable on Small Arms Rail

PVS-7



- AN/PVS-7 (NVG) Provides Soldiers with a Capability to Perform Missions

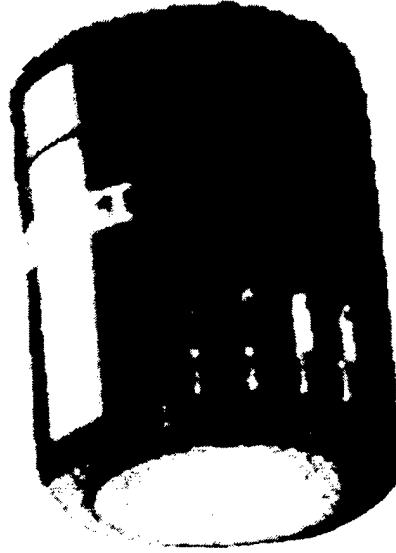
Image Intensification (I²) Systems OMNIBUS

AN/AVS-6



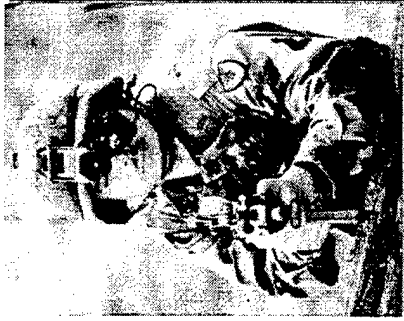
*AN/AVS-6 Provides Capability for
Night Time Flying Including
Nap-of-the-Earth*

25mm GEN III Tube



*25mm Gen III Tube Provides an
Upgrade to the AN/PVS-4,
AN/VVS-5 and the AN/VVS-2
Sights.*

Image Intensification Systems Characteristics



•AN/PVS-7:

Range: 150 meters - Starlight
Field of View: 40° Circular
Magnification: Unity
Weight 0.7 kg

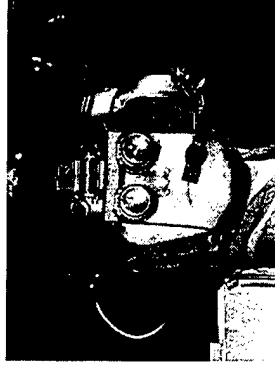


•AN/PVS-14:

Range: 150 meters - Starlight
Field of View : 40° Circular
Magnification: Unity
Weight: 0.4kg



Image Intensification Systems Characteristics



- AN/AVS-6(V)1A: Resolution: 1.3 cycles/mr
FOV: 40° Circular
Magnification: Unity
Weight: 0.6 kg



- 25mm Tubes:
MX-11620: Upgrade
for AN/PVS-4 & AN/TVS-5
MX-11619: Upgrade for AN/VVS-2



Image Intensification Systems OMNIBUS Contract Opportunity

Objective:

- Full Rate Production**
- Over 22,000 PVS-7/14s
 - Logistics Support
 - Options for Spares and System Including over 9000 AN/AVS-6 and 14,000 25mm Tubes

Contract Type:

**Firm Fixed Price; 3 Year Multiyear
60/40 Split Award**

Key Milestones:

**RFP 4QFY00
Award 2QFY01**

Estimated Value:

\$80-100m not including options

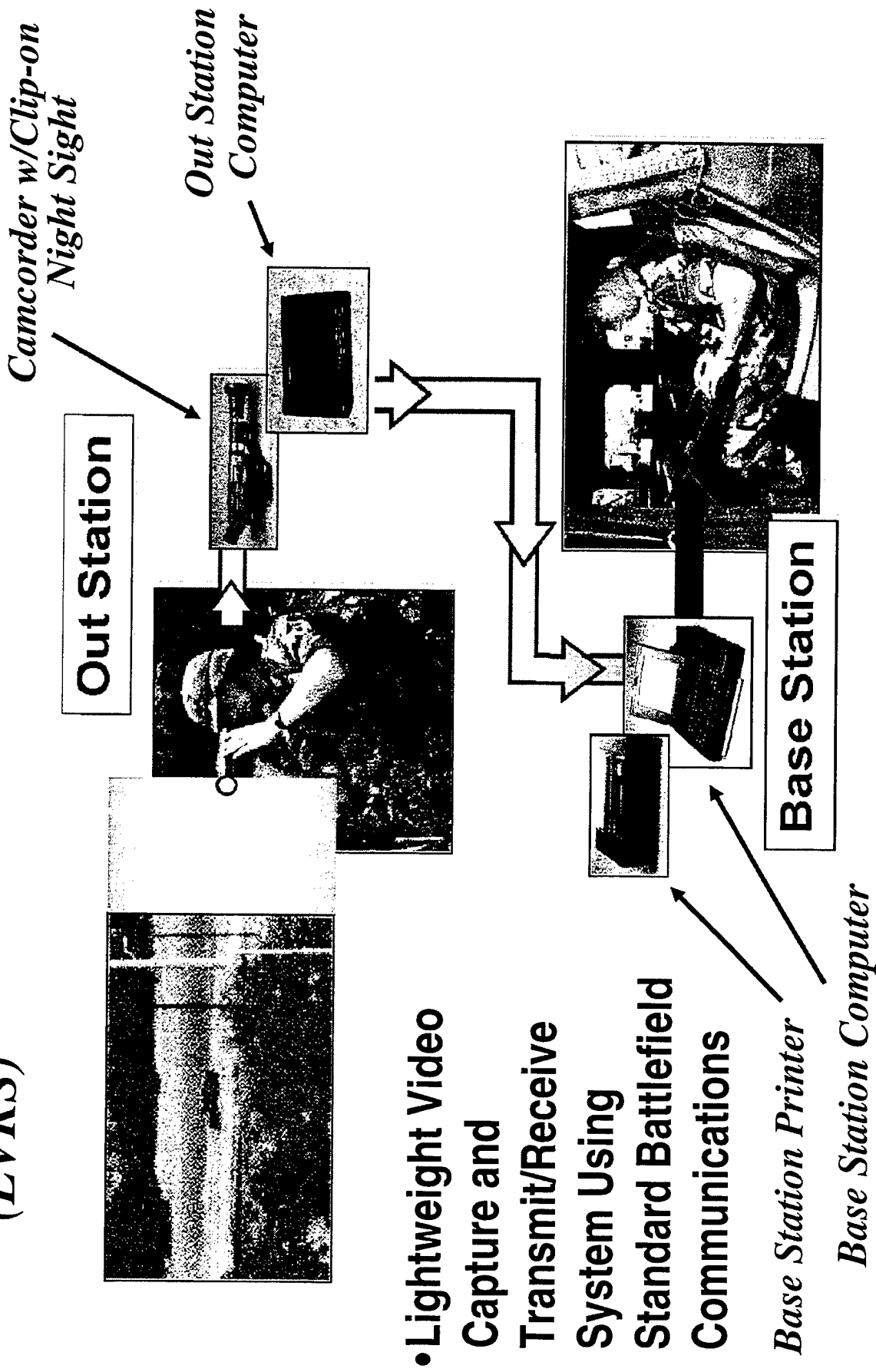
Technical Contact:

Jennifer McCormick (703) 704-3455

Acquisition Contact:

Jack Kulaga (732) 427-1356

Lightweight Video Reconnaissance System (LVRS)





Lightweight Video Reconnaissance System (LVRS) Characteristics

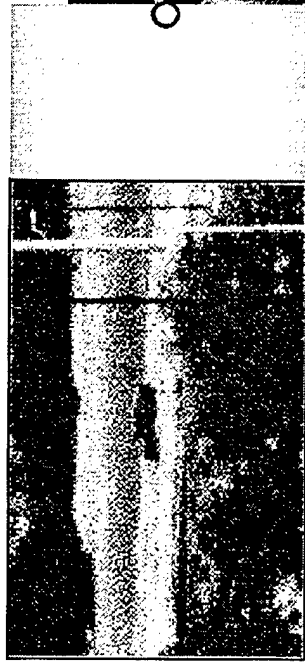
- **Target Acquisition:**
Night: 500 Meters Day: 1500 Meters
- **Out Station Weight:**
8.9 Pounds
W/batteries
- **Single Time Frame
Transmission:**
<40 Seconds
- **Ruggedization:**
Limited Environmental



Lightweight Video Reconnaissance System (LVRS)

*Camcorder w/Clip-on
Night Sight*

Out Station



*Out Station
Computer*



- Lightweight Video Capture and Transmit/Receive System Using Standard Battlefield Communications

Base Station Printer



Base Station



Base Station Computer



LVRS Contract Opportunity

Objective:

- Full Rate Production
- 55 Base Stations/ 165 Out Stations
 - Logistics Support
 - Options

Contract Type:

Firm Fixed Price;
3 Year Multiyear

Estimated Value:

\$5-6M (Not Including Options)

Key Milestones:

RFP Release 2QFY00
Award 3QFY00

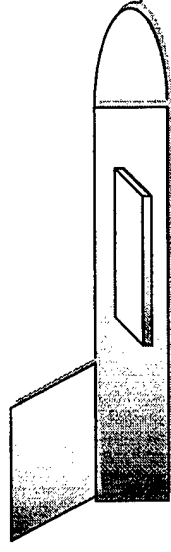
Technical Contact:

Jaime Gonzalez (703) 704-3212

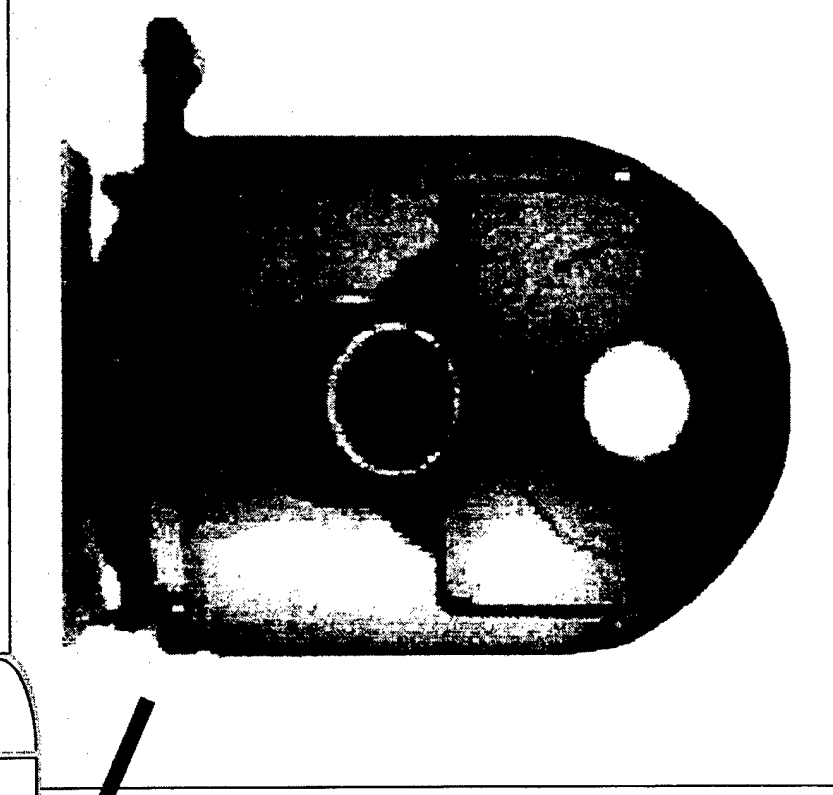
Acquisition Contact:

Jack Kulaga (732) 427-1356

Enhanced Electro-Optic/Infrared EO/IR Sensor for the Tactical UAV (TUAV) Program



Army TUAV



*The Enhanced EO/IR
Sensor Provides the TUAV
System with Extended
Range Performance and
Improve Imager with
Growth to a Laser Target
Designation Capability
(First TRADOC Sensor
Priority for TUAV)*



Enhanced EO/IR Sensor Characteristics

- **Weight 35-50 lbs with Turret Diameter of 9-11 inches**
- **Multi-mode Day/Night, Autotrack / Autosearch Capability**
- **Detect/Recognize APC-sized Targets at 4-5 km Standoff Range**
- **50-80 m Target Location Accuracy**
- **Laser Target Designator/LTD Growth into the EO/IR Payload Sensor**
- **Unit Cost Target (CAIV): <\$120 at 33rd System (w/o LTD)**



Enhanced EO/IR Contract Opportunity

Objective: FRP for 200-275 Units along with Spares, Training and Support.

Contract Type: Fixed-Price

Estimated Value: \$55-70M

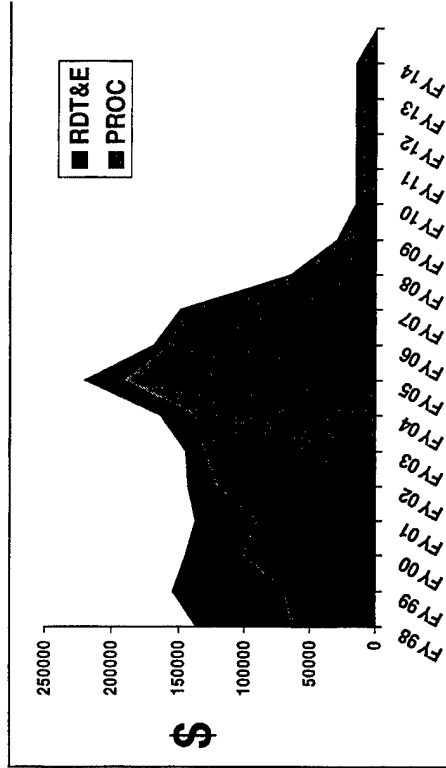
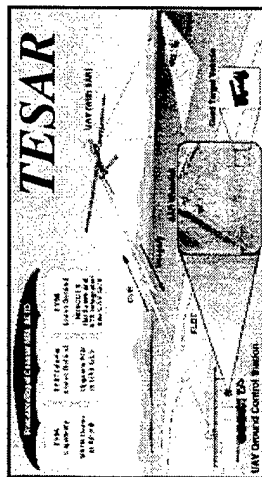
Key Milestones: RFP Release: 1Q FY01
Award: 3Q FY01

Technical Contact: Michael Ferrazzara (732) 427-5686

Acquisition Contact: Judith Anderson
(732) 427-1048



Radar



NOW

RTV

(LIT SAR on ARL)

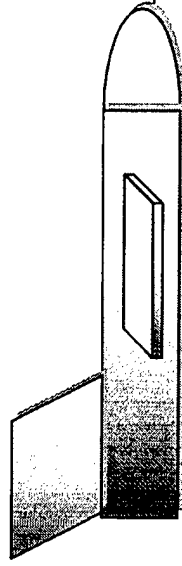
TUAV (SAR/MTI)

Profile Sentinel P31

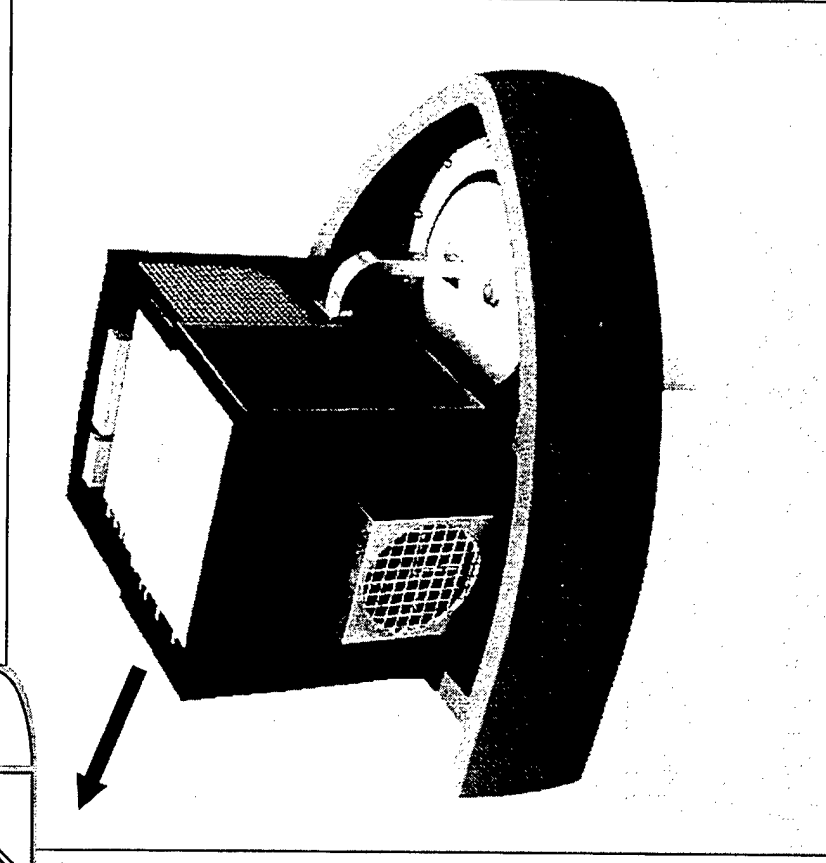
FUTURE

FUTURE

Synthetic Aperture Radar/Moving Target Indicator (SAR/MTI) Payload for Tactical UAV



Army TUAV



*The SAR/MTI Sensor
for the TUAV will Allow
an all Weather RSTA
Capability with
Detection of Moving
Targets (2nd TRADOC
Sensor Priority for
TUAV)*



SAR/MTI Characteristics

SAR Payload Requirements

	Threshold	Objective
Range	7 km	15 km
Resolution with Wide Area Search Mode of 1 m	.3 m Spot Mode	.1 m Spot Mode
Target Geolocation Accuracy	80 m	50 m

MTI Payload Requirements

Probability of Detection @ 14 km*	75%	90%
Range	10 km	20 km
Target Geolocation Accuracy @ 10 km (Objective 20 km)*	80 m	50 m
Field of View Capable of Revisiting a 120° FOV	60 seconds	30 seconds

SAR/MTI Payload Requirement

80 lbs 60 lbs

SAR/MTI Growth Capabilities

Aided Target Cueing — Aided Target Recognition — Aided Target Identification

Unit Cost for Targets

\$450K \$350K

* For a 10m²-sized target

** Multi-Mission Common Modular



SAR/MTI Contract Opportunity

Objective: An Engineering & Manufacturing Development (EMD) Contract Phase to Facilitate Transition of the CR-TUAV SAR/MTI Capability to Production.

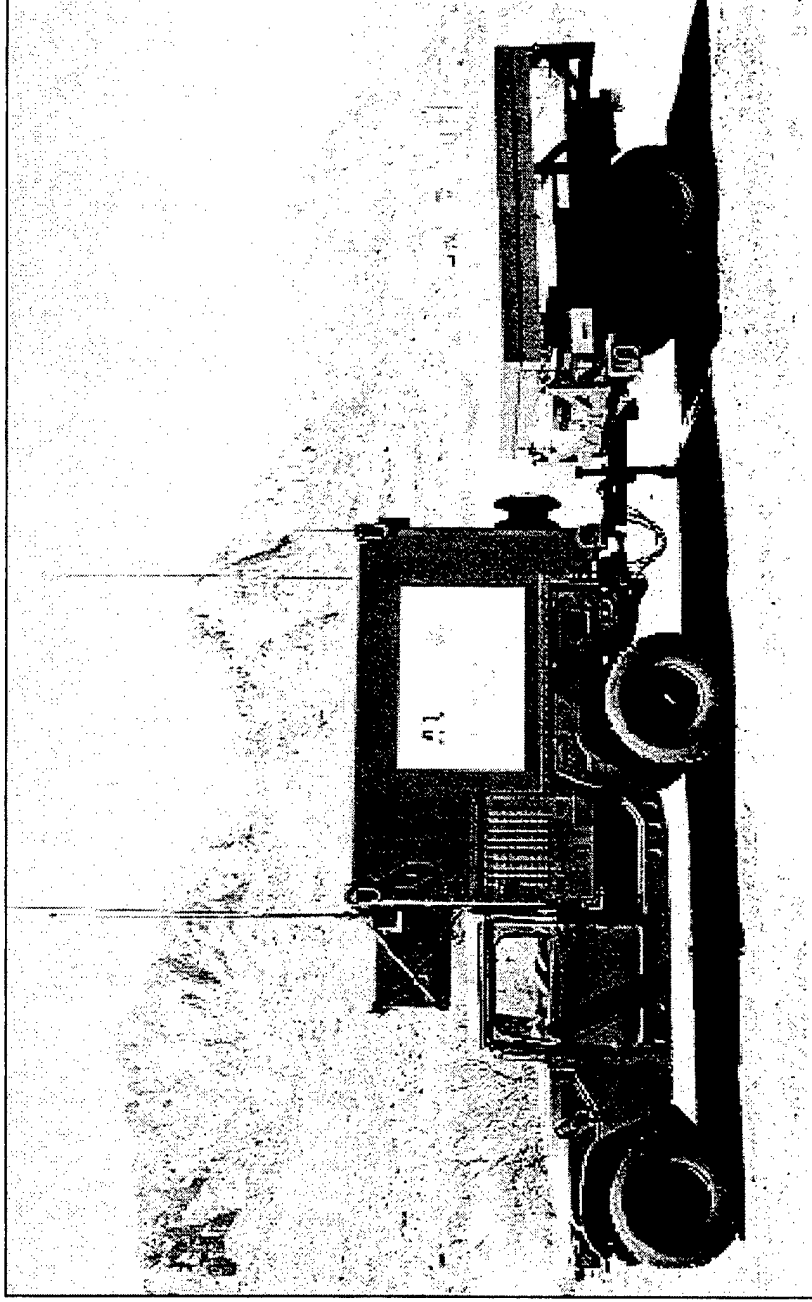
Contract Type: Competitive Award

Estimated Value: \$5.5 M

Key Milestones: RFP Release: 4Q FY00
Contract Award: 2Q FY01

Technical Contact: Roland Willuweit (732) 427-4983

Acquisition Contact: Jack Kulaga (732) 427-1356



Suite of Meteorological Sensors and Associated Software/Models that Provide Predicted Weather Conditions to Support Field Artillery Systems



Profiler Characteristics

- **Provide Target Area Met (Meteorological Data) Out to 500 Km**
- **Provide Improved Met Data/Messages Every 30 Minutes**
- **Connectivity to Currently Fielded Meteorological Measuring Set.**
- **Use Army Battlefield Command System Common Hardware**
- **Interface With AFATDS/compliant with Joint Technical Architecture-Army (JTA-A**
- **Goal: Eliminate Balloon, Reduce Crew Personnel**



Profiler Contract Opportunity

Objective:

EMD Program to Develop and Test Two prototype Systems (w/Training & Spares).

Contract Type:

CPFF with Firm Fixed Price

Key Milestones:

3QFY99 Release Draft RFP

2QFY00 EMD Contract Award

Estimated Value:

\$9-10M (EMD); \$160-180M

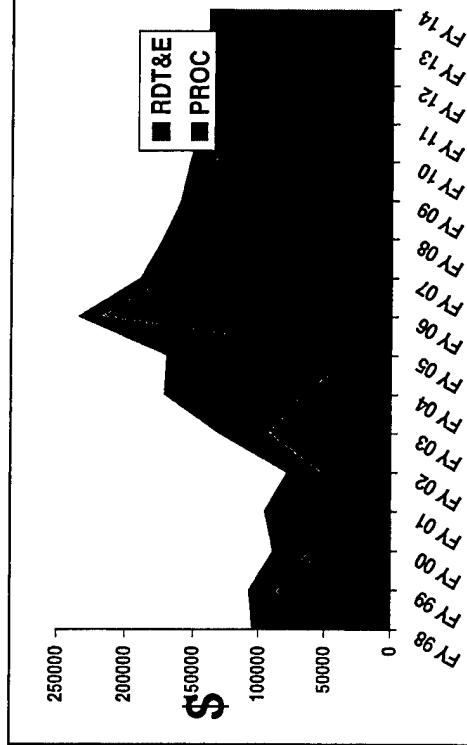
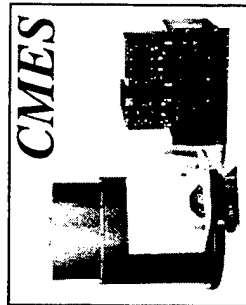
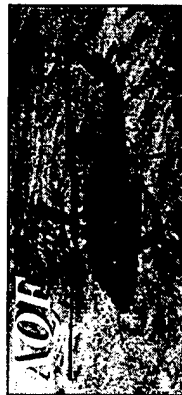
Production Not Including Options

Technical Contact:

Mr. Charles Crook (540) 542-5218

Acquisition Contact:

Deborah Gilligan (732) 532-5454



COMMON SENSE
WISDOM
VIGILANT
PM AERIAL

ACS IN ELIL

PROPHET
INTELLIGENCE
SURVEILLANCE
TARGETING

TACJAM

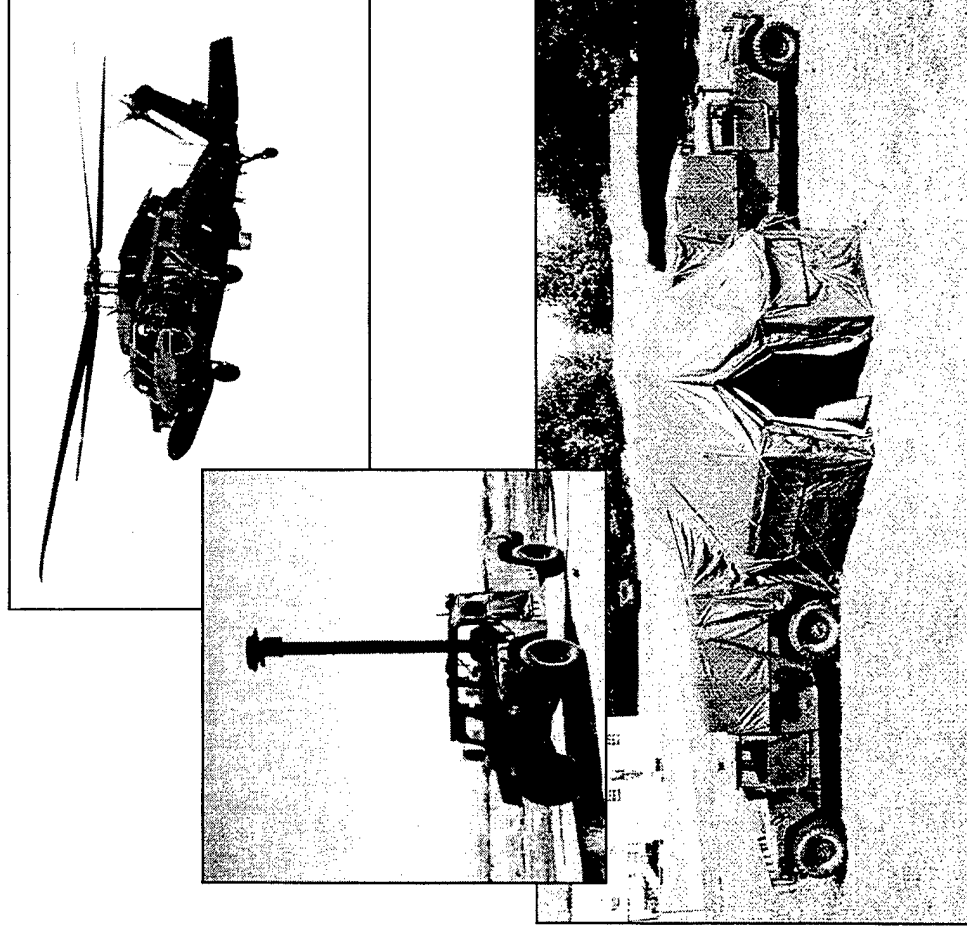
NOW

CIBS-M JTT

CMES

CCT

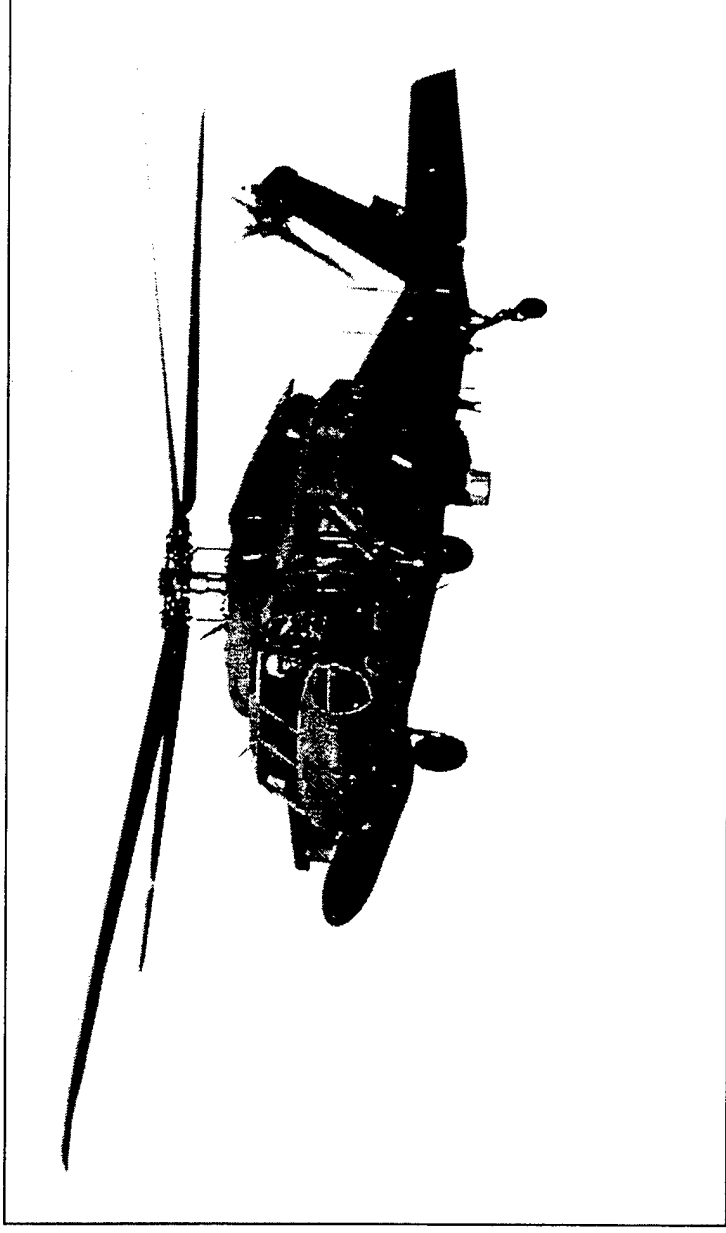
CHALS-X



*The Division's Principal
Signals Intelligence
(SIGINT) and Electronic
Warfare (EW) System That
Gives a Comprehensive
Near-Real-Time Picture of
Electronic Emitters On the
Battlefield.*

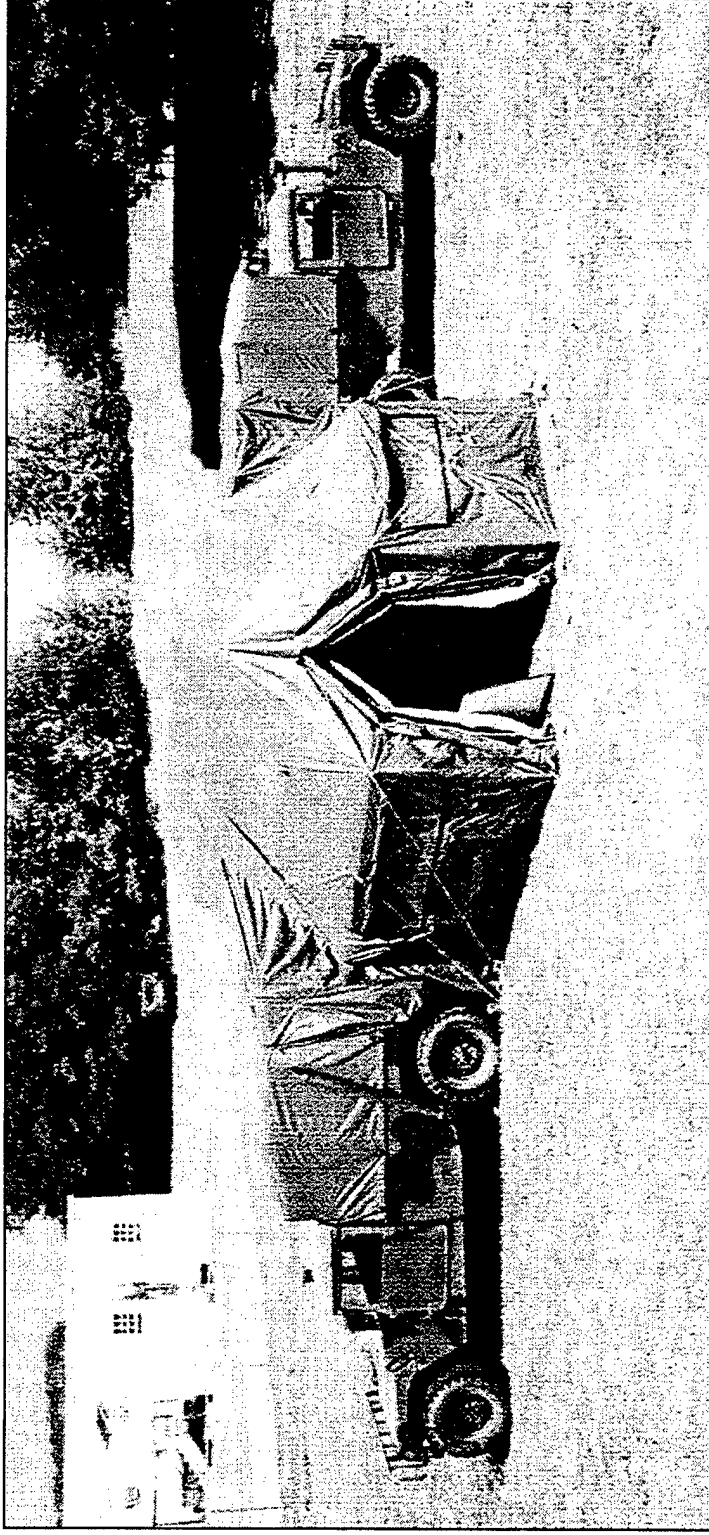
*Consists of : Prophet Air,
Prophet Control, and
Prophet Ground.*

Prophet Air



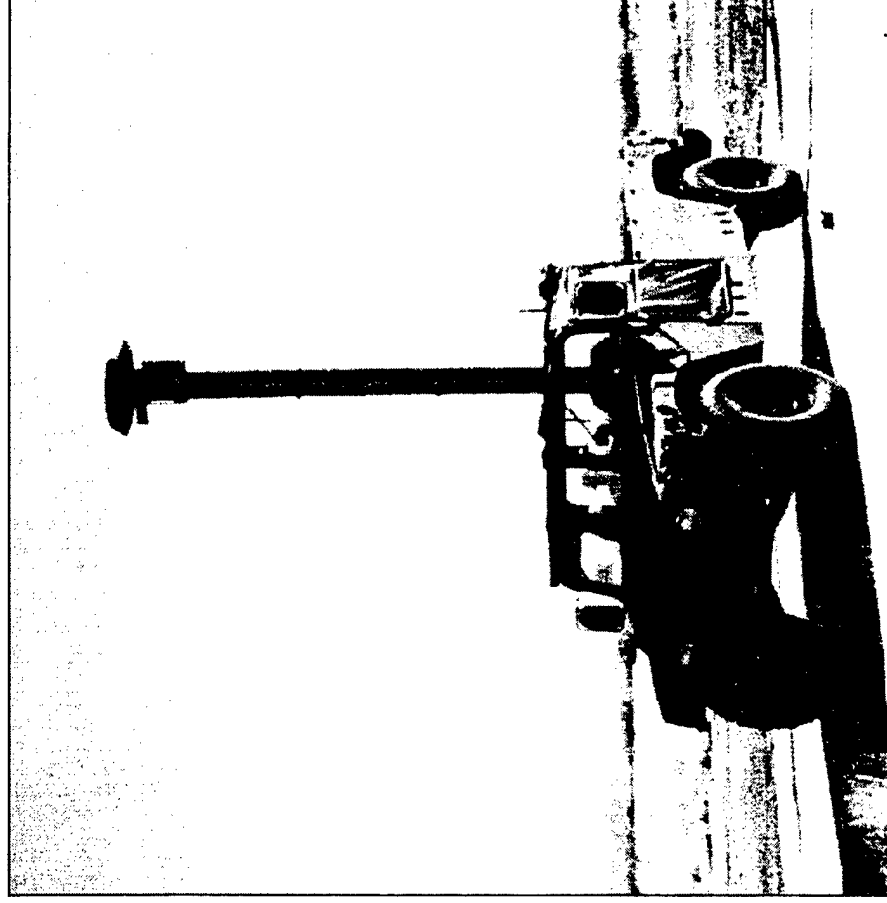
Provides the Division Commander with a Deep Looking Platform Capable of Detecting, Identifying and Locating Radio Frequency (RF) Emitters Throughout the Area of Operations. Prophet Air Will Also Have Electronic Attack Capabilities.

Prophet Control



Remotely Controls the Receivers on the Prophet Air Platforms, Tasks the Prophet Ground Sensors, and Provides Electronic Mapping of the Battlefield to the All Source Analysis System (ASAS).

Prophet Ground



Identifies General Lines of Bearing, and Provides Exploitation of Single Channel, PTT Unencrypted Tactical Voice Signals. Provide Electronic Attack Capabilities. Primarily a Force Protection Asset (Provides the Soldier an Ability to Detect and Assess Possible Adversarial RF Threats and Respond Appropriately.)



Prophet Air Characteristics

- **Provide Detection, Identification, Locational and Tracking Information on RF Emitters to Prophet Control for Electronic Mapping**
- **Identify Presence and Location of GPS Interface to Prophet control**
- **Removable Electronic Attack Capability (Quick IIB Equivalent)**
- **All Electronic Warfare/Attack Equipment Remotely Controlled by Prophet Control**



Prophet Control Characteristics

- **Electronic Mapping (Using Data from Prophet Air)**
- **Exchange Standard Message Reports and Provide Near-Real-Time Electronic Mapping Graphical Information to All Source Analysis System**
- **Remote Control of Electronic Warfare/Attack Equipment on Prophet Air**
- **Task Prophet Ground Sensors**
- **Configured for Split Based, Force Projection, Displacement (e.g., Hot Jump), and/or OTM Operations**
- **Maintain the Collateral SIGINT Product Library**



Prophet Air/Control Contract Opportunity

Objective: 6 Year Effort for EMD and Fabrication of Prophet Air (5) and Prophet Control (1) Prototype Systems to be used for IOT&E Testing

Contract Type: Competitive, CPFF

Estimated Value: \$270 - \$280M

Key Milestones: 4Q FY99: RFP Release
Contract Award: 3Q FY00

Technical Contact: MAJ Carl Wilk, APM Prophet (732) 427-1992
Dowell Black, I²WD (732) 427-1968

Acquisition Contact: Mr. Andrew Dellomo (732) 532-3569



Prophet Ground Characteristics

	Threshold	Objective
• Radio Frequency Emitter Detection and Location	20 MHz to 2 GHz	.5 MHz to 40 GHz
• Voice Intercept	20 MHz to 500 MHz	20 MHz to 2000 MHz
• Stationary and On-The-Move Direction Finding (5° RMS/ 22.5° RMS)		
• Stationary and On-The-Move Electronic Attack (AN/TLQ-17A(V)3) Equivalent		
• Manpackable Version for Early Entry, Airborne Insertion		



Prophet Ground Contract Opportunity

Objective: Acquisition of Production Quantity of 68 Systems to Include Contractor Logistics Support

Contract Type: Competitive

Estimated Value: \$40 - \$50M

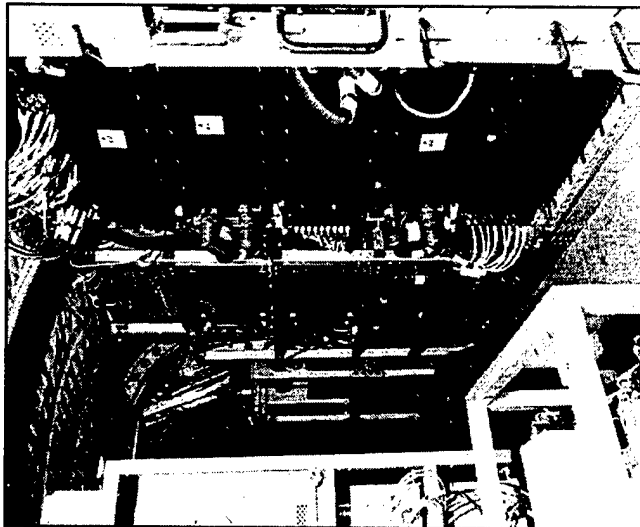
Key Milestones: RFP Release: 4QFY00
Contract Award: 1QFY01

Technical Contact: MAJ Carl Wilk, APM Prophet (732)427-1992
Dowell Black, I²WD (732) 427-1968

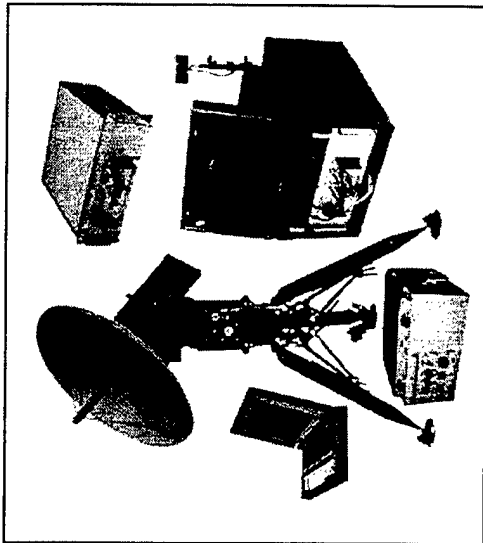
Acquisition Contact: Mr. Andrew Dellomo (732) 532-3569

Aerial Common Sensor

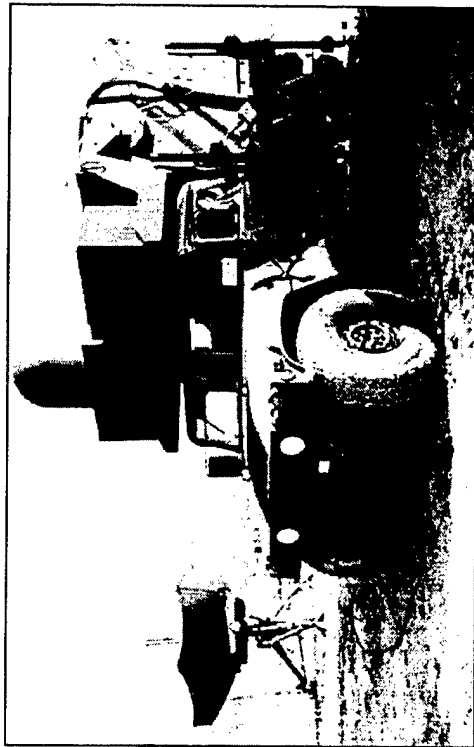
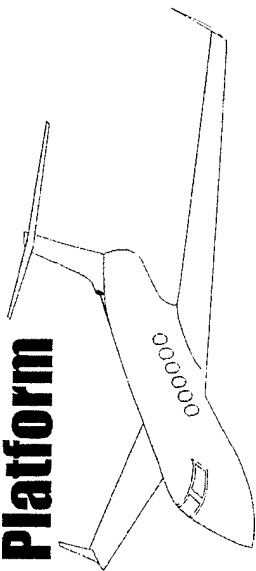
Sensors



Data Link



Platform



Ground Stations



Aerial Common Sensor

Description

Aerial Common Sensor Will Be a Multi-Function System Which Will Satisfy the Army's Critical Need for a Worldwide, Self-Deployable, Airborne, Reconnaissance, Intelligence, Surveillance, and Target Acquisition Capability.

Aerial Common Sensor System Characteristics

- **Provide a Design for a Multi-Intelligence Airborne Intelligence, Surveillance, and Reconnaissance System in a Three Phased Approach:**
 - Concept Development (M&S)
 - Engineering Manufacturing and Development
 - Production and Deployment
- **Non-Developmental Items, Off-the-Shelf Solutions are Preferred**

ACS Sensors

- **Signals Intelligence Sensors**
 - Communications Intelligence Sensors (Low-Band Subsystem Technologies)
 - Electronic Intelligence Sensor (High-Band Subsystem Technologies)
- **Imagery Intelligence Sensors**
 - Electro-Optical Sensors
 - Infrared Sensors
 - Synthetic Aperture Radar
 - Moving Target Indicator
- **Future Growth Sensors**
 - Hyper Spectral Imaging Sensors
 - Foliage Penetration Radar
 - Masked Target Sensor
 - Measurement and Signatures Intelligence Sensors



ACS Contract Opportunity

- Objective:** Goal for Multiple (2 or more) Contractor Consortia to Provide Modeling and Simulation Based Designs for the Aerial Common Sensor System Integration. Down Select Follow-on for EMD and Production Contracts
- Contract Types:** Best Value Award Emphasis on Total LCC (M&S & EMD)
Cost Plus Fixed Fee (Phase I & II)
Firm Fixed Price (Production)
- Estimated Value:** ~\$2 Billion (All Phases) Through 2014
- Key Milestones:**
- | Industry Days | |
|--------------------|---------|
| - Ft Huachuca, AZ: | 4Q FY99 |
| - Ft Monmouth, NJ: | 4Q FY99 |
| RFP Release: | 1Q FY00 |
| Contract Award: | 2Q FY00 |
- Technical Contact:** Mr. Richard Wittstruck (732) 427-5757
- Acquisition Contact:** Kevin Coakley (732) 532-5250

NOTES

GUEST SPEAKER

LTG JAMES M. LINK

**DEPUTY COMMANDING GENERAL
U.S. ARMY MATERIEL COMMAND**

Lieutenant General James M. Link

Deputy Commanding General



Lieutenant General James M. Link became the Deputy Commanding General, U.S. Army Materiel Command on August 3, 1998.

A veteran of Vietnam and Desert Storm, General Link has held numerous command and staff positions leading to his current assignment. Most recently, he was Chief of Staff of U.S. Army Materiel Command. Prior to that, he served as Commander, U.S. Army Missile Command, Redstone Arsenal, AL. (now Aviation and Missile Command) from June 1994 to July 1997 and Deputy Commander, 21st Theater Army Area Command, U.S. Army Europe and Seventh Army, from July 1993 to June 1994. From January 1992 to June 1993, he served as the MICOM Deputy Commanding General. He also served at MICOM from 1986 to 1989 as Director of Materiel Management Directorate in what is now the Integrated Materiel Management Center, and served as the Acting Director of this organization for eight months.

General Link was born in Columbus, Ohio, but grew up in North Carolina. He was commissioned a Second Lieutenant in the U.S. Army Ordnance Corps in 1967 after completing undergraduate work at Methodist College and graduate work at the University of North Carolina at Chapel Hill. He also has a master's degree in business administration from the University of Tennessee. His military education includes the Army Command and General Staff College and the Industrial College of the Armed Forces. He holds honorary doctorate degrees from Methodist College and the University of Alabama, Huntsville.

He has held various logistical and staff assignments. While Commander, 16th Corps Support Group, V Corps, Hanau, Germany, he deployed to Southwest Asia in support of VII Corps during Operations Desert Shield and Storm. He was Deputy for Training Developments, U.S. Army

Combined Arms Support Command; Chief, Ordnance Assignment Branch, MILPERCEN; Commander, 194th Maintenance Battalion, Camp Humphreys, Korea; and Department of the Army Staff Officer, Office of the Deputy Chief of Staff, Logistics. In Vietnam, he served as Company Commander and Technical Supply Officer, 173rd Airborne Brigade.

General Link's awards and decorations include: Distinguished Service Medal, Legion of Merit (with 3 Oak Leaf Clusters), Bronze Star Medal (with 2 Oak Leaf Clusters), Meritorious Service Medal (with 3 Oak Leaf Clusters), Army Commendation Medal (with Oak Leaf Cluster), Army Achievement Medal, Senior Army Parachute Badge, and the Army General Staff Identification Badge.

NOTES

DAVID W. KEETLEY
Director, Space & Terrestrial Communications
Research, Development and Engineering Center
U. S. Army Communications-Electronics Command
Fort Monmouth, New Jersey

Mr. David W. Keetley was appointed as Director for Space and Terrestrial Communications, U.S. Army Communications-Electronics Command (CECOM), Research, Development and Engineering Center (RDEC), on 17 August 1997. He is the focal point for providing the technology, system and network integration and engineering design to implement tactical communications systems for America's warfighters. Mr. Keetley is responsible for the research, development, testing and engineering support for initial acquisition, system integration, first fielding and support of space and terrestrial communications and information security networks and systems for use by the Army, Joint Services and other Government agencies.

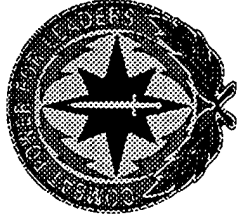
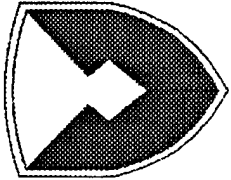
He received his Bachelor of Science degree in 1969 in Electrical Engineering from Southeastern Massachusetts University, now the University of Massachusetts - Dartmouth. Mr. Keetley also received a Master of Science degree in Management Science from Fairleigh Dickinson University in 1974.

Prior to his current assignment as the Director for Space and Terrestrial Communications, Mr. Keetley was the Director of the Army Systems Engineering Office at Fort Monmouth, NJ, since its formation in November 1994. He was responsible for supporting the Army Systems Engineer in developing, maintaining, and implementing the Army Technical Architecture and evaluating system requirements and designs for architecture compliance and proper application of standards.

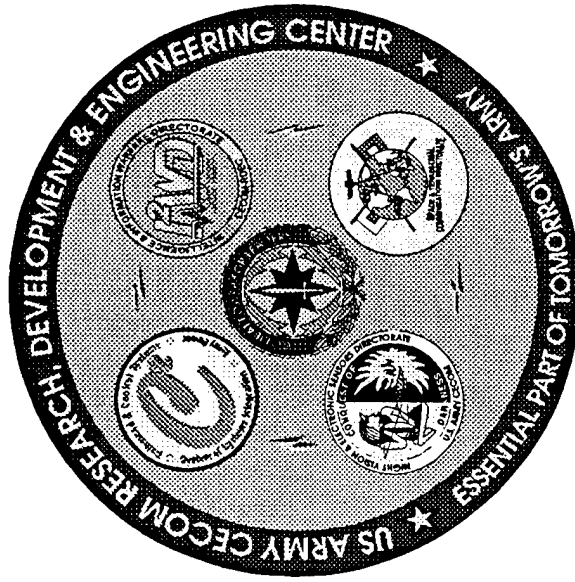
Previous technical and managerial assignments at Fort Monmouth include: Chief of the Systems Engineering Office in the Program Executive Office for Communications Systems from 1992-1994; Deputy Project Manager for Systems and Engineering; and Chief Engineer for the Mobile Subscriber Equipment program from 1988-1992 where he was responsible for the system design, test, production, field operation and product improvement.

He began his Government career with the U.S. Army Electronics Command in 1969 and held various project engineer and technical management positions in the telecommunications field until accepting a project management position in 1983 with PM Army Tactical Communications Systems.

A native of Swansea, Massachusetts, Mr. Keetley now resides in West Long Branch, New Jersey with his wife, Janice. They have two daughters, Jennifer and Meredith.



Research Development And Engineering Center Contract Opportunities



By:

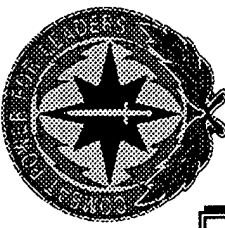
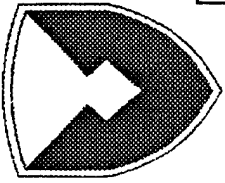
Mr. David W. Keetley

Director

Space & Terrestrial Communication

Directorate

CECOM Bottom Line: THE SOLDIER



BUSINESS AREAS

RESEARCH, DEVELOPMENT & ENGINEERING CENTER

Dr. Louis C. Marquet - Director

Night Vision

Electronic Sensors

- Thermal Imaging
- Image Intensification
- Sensor Fusion
- Aided Target Recognition
- Lasers/Laser Radar
- Mine Detection

Intelligence & Information Warfare

- Intelligence Data Fusion / Dissemination
- Signal Intelligence & Electronic Support
- Information Warfare
- Tactical UAV

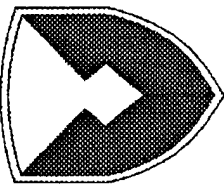
Space & Terrestrial Communications

- Tactical On The Move Comm
- Information Security
- Range Extension
- Soldier Comm
- Network Management

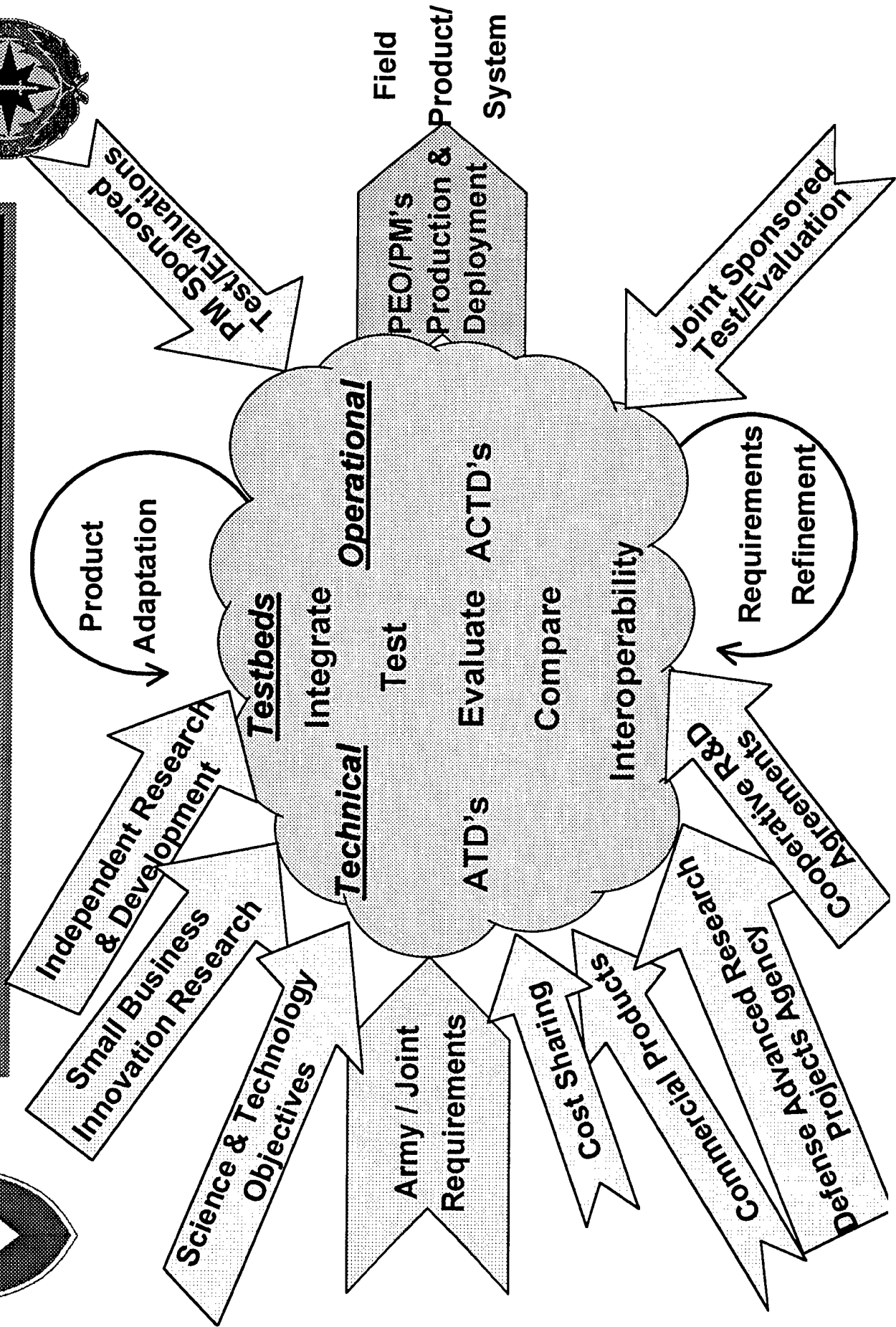
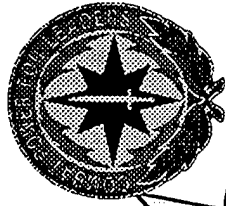
Command & Control

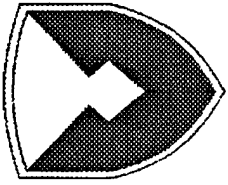
- Advanced C2 Systems
- Intelligence & Log Databases
- Modeling & Simulation
- Battlefield Visualization
- Navigation
- Power Generation

CECOM Bottom Line: THE SOLDIER



Continuous Evolutionary Development





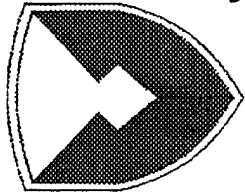
RDEC Contract Opportunities



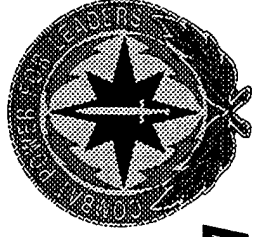
RDEC Wide Opportunities: up to \$350M

- **Small Business Innovation Research**
- **Dual Use Science and Technology**
- **New Technologies Omnibus**
- **Intelligence & Information Warfare Directorate Omnibus**

CECOM Bottom Line: THE SOLDIER



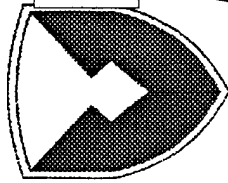
RDEC Contract Opportunities



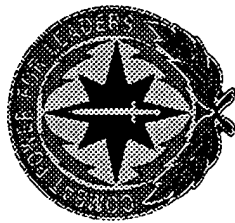
Specific Business Area Opportunities: up to \$90M

- Multifunctional On-the-move Secure Adaptive Integrated Comm.
- On-the-Move Satellite Communications
- Joint Tactical Radio System UHF Broadband Antenna
- Multiband Multiplexer and Extended Wide Band Power Amplifier
- Advanced Protocols for Joint Tactical Radio System
- Tactical C2 Protect
- C2 Protect Vulnerability Analysis
- Soldier's Antenna, Body Borne
- Vehicle Mounted Forward Looking Mine Detection
- Advanced Integrated Targeting Suite
- Warrior Extended Battlespace Sensors
- Advanced Night Vision Goggles

CECOM Bottom Line: THE SOLDIER



Small Business Innovation Research

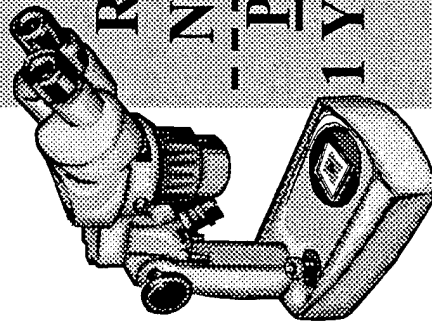


FY00 Program - 33 Topics

website: <http://www.dtic.mil/dtic/sbir/>

Topic Areas

Microelectronics & Photonics	6
Sensors	16
High Performance Computing & Simulation	8
Power and Directed Energy	2
Engineering Sciences	1



Phase II

R&D 2 Years

NTE \$750,000

Phase II Plus

1 Year - \$100,000

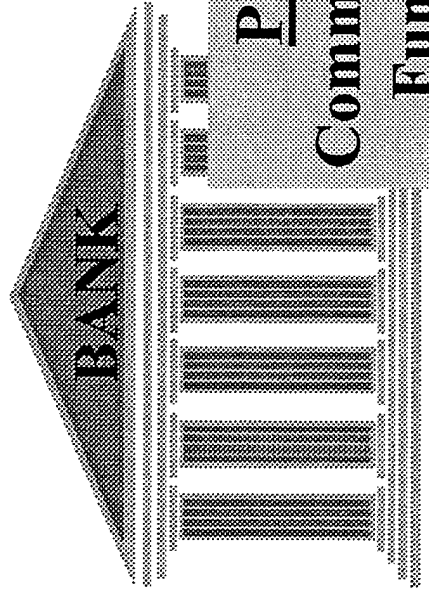
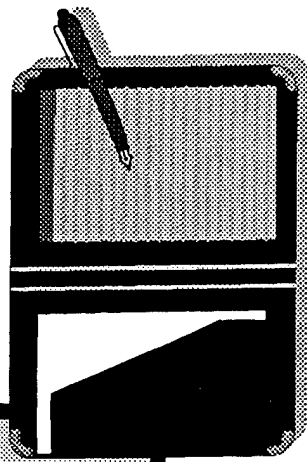
Matching

Phase I

Feasibility Study

6 Months

NTE \$100,000



BANK

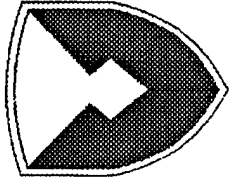
Phase III

Commercialization

Funding from

Non-SBIR Source

CECOM Bottom Line: THE SOLDIER



Small Business Innovation Research (SBIR) Program Opportunities

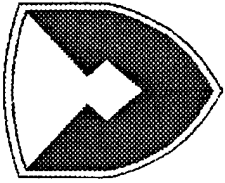


- **OBJECTIVE:** To stimulate technological innovation, strengthen role of small business in DoD R&D needs, foster & encourage participation by minority/disadvantaged persons, increase commercial application of DoD supported research in R&D results.
- **CONTRACT TYPE:** Firm Fixed Price (FFP)
- **ESTIMATED VALUE:** Up to \$3.3M
- **KEY MILESTONES:** (Phase I)

Pre-solicitation	1 May 99
Solicitation Opens	1 Jul 99
Solicitation Closes	11 Aug 99
Contract Award	17 Dec 99
- **TECHNICAL CONTACT:** Topic Author
- **PROGRAM CONTACT:** Joyce Crisci (732) 427-2665

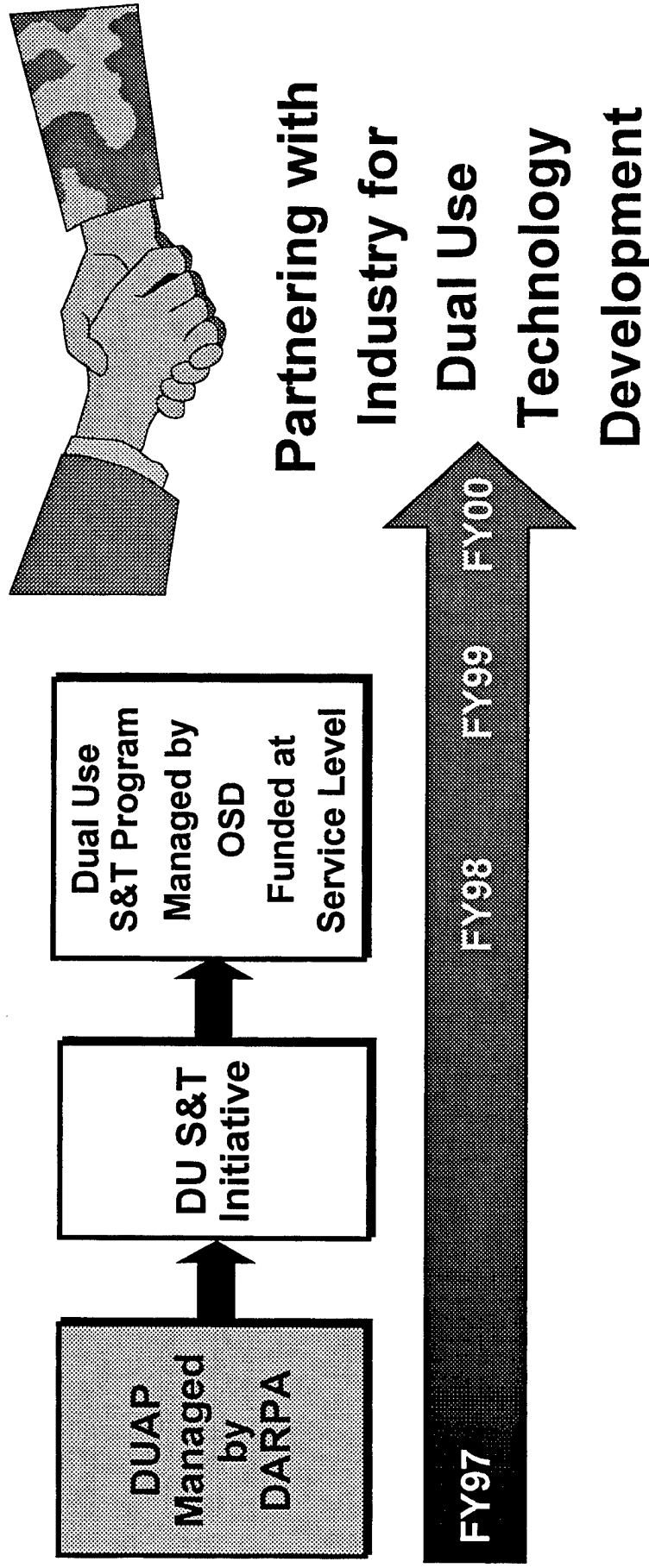
Phase I Opportunities Now Available

CECOM Bottom Line: THE SOLDIER

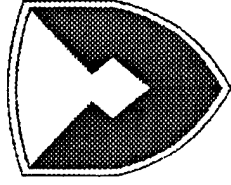


DUAL USE PROGRAMS

Cost Sharing Programs - Post Technology Reinvestment Program



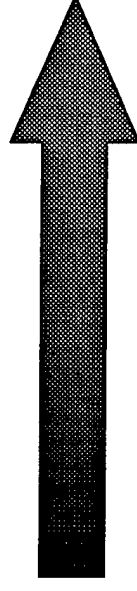
CECOM Bottom Line: THE SOLDIER



Dual Use Science & Technology (DU S&T) Overview

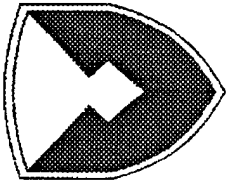
- Leverage Science & Technology funding
- Provides for cost sharing partnerships with commercial firms and universities
- Attracts non-traditional potential DoD suppliers and provides greater access to commercial technologies
- Competitive awards must have 50% cost share paid by partner
- Supports FY98 Defense Authorization Act with goals for the Services as percentages of advanced development (6.2) research

5% for FY98



15% for FY00

CECOM Bottom Line: THE SOLDIER

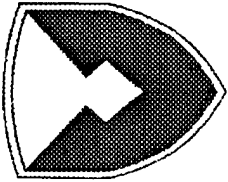


Dual Use Science & Technology (DU S&T) Opportunities

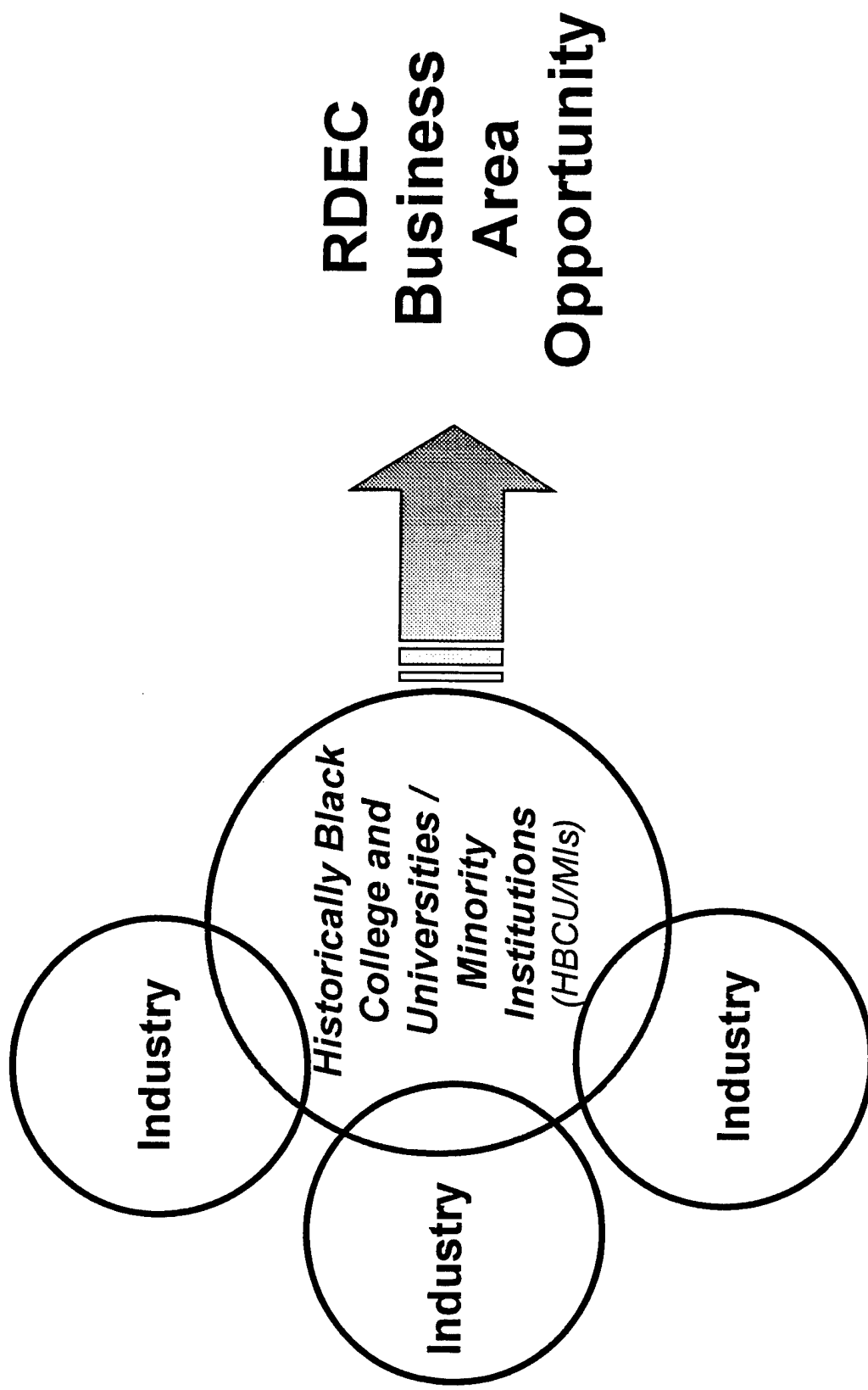
- **OBJECTIVE:** To partner with industry in dual use technologies to maintain technological superiority and promote commercialization.
- **CONTRACT TYPE:** Technology Investment Agreements
(Other Transactions)
- **ESTIMATED VALUE:** Up To \$40M (Total Army)
- **KEY MILESTONES:**

BAA	Jan 00
White Papers	Mar 00
Proposals	May 00
- **TECHNICAL CONTACT:** Randolph Jackson (732) 532-0364
- **PROGRAM CONTACT:** Andrew Dellomo (732) 427-1341

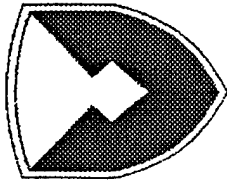
CECOM Bottom Line: THE SOLDIER



New Technologies Omnibus



CECOM Bottom Line: THE SOLDIER

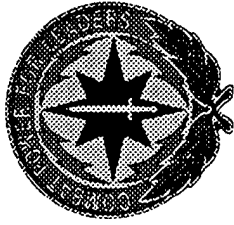
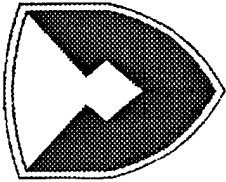


New Technologies Omnibus Opportunities

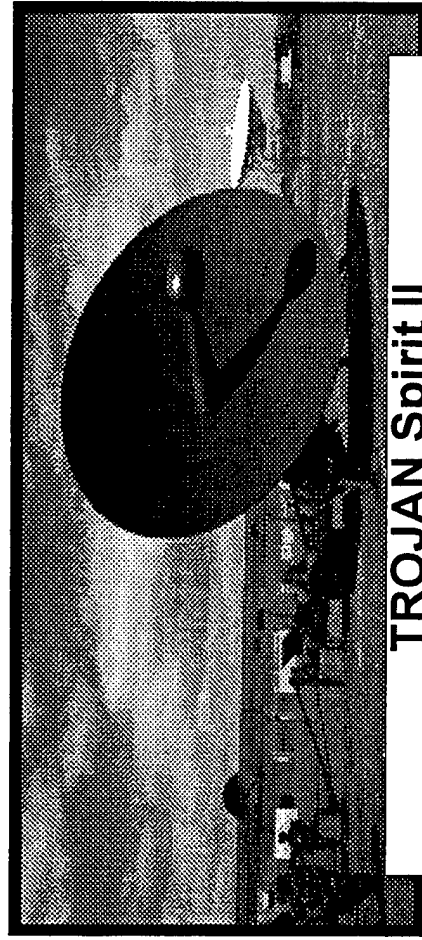
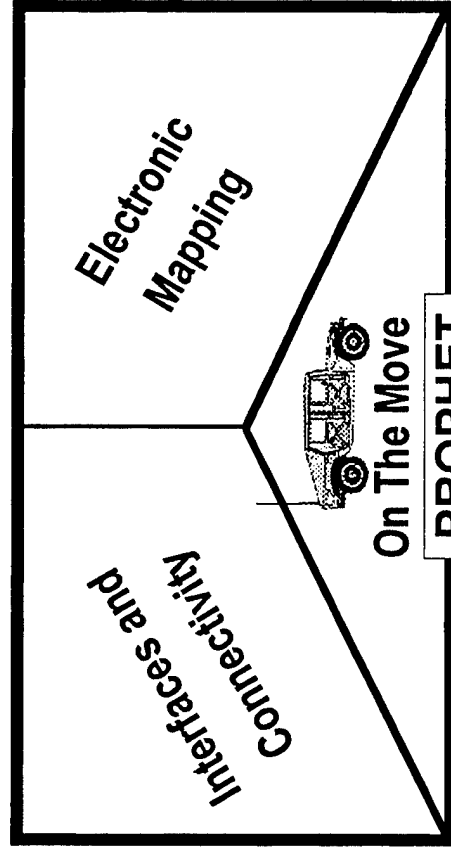
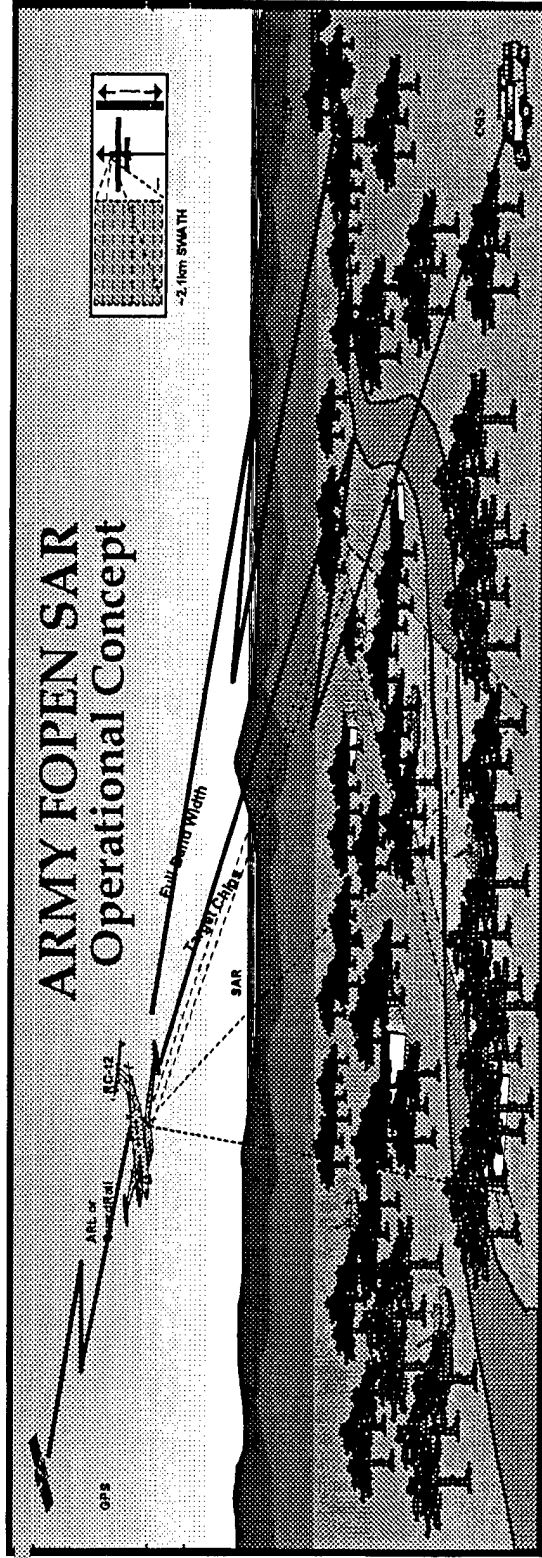
- **OBJECTIVE:** To support RDEC R&D efforts by promoting partnerships with HBCU/MI with industry support
- **CONTRACT TYPE:** Indefinite Delivery/Indefinite Quantity (HBCU/MI Set-aside)
- **ESTIMATED VALUE:** \$50K - \$25M
- **KEY MILESTONES:**

Presolicitation	20 May 99
RFP	Jun 99
Contract Award	Sep 99
- **TECHNICAL CONTACT:** Clinton Brown (732) 427-2257
- **PROGRAM CONTACT:** Dennis Allen (732) 532-1531

CECOM Bottom Line: THE SOLDIER

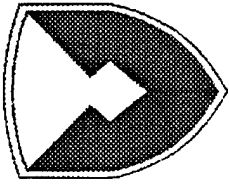


OMNIBUS Contract for Intelligence and Information Warfare Directorate



TROJAN Spirit II
6.1 Meter Mobile Antenna Platform

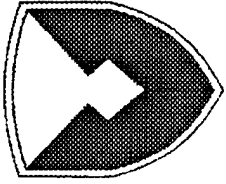
CECOM Bottom Line: THE SOLDIER



OMNIBUS Contract for Intelligence and Information Warfare Directorate

- **5 Yr. Contract - Base Year with 4
Option Years**
- **On-Site and Off-Site Technical &
Operations Support**
- **Requires TS-SCI/TK Clearances**
- **Quick Reaction Capability Required**

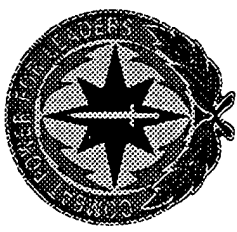
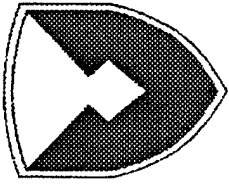
CECOM Bottom Line: THE SOLDIER



OMNIBUS Contract for Intelligence and Information Warfare Directorate

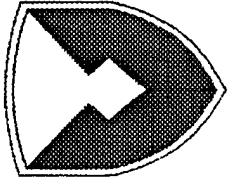
- **OBJECTIVE:** Omnibus Contract for Technical, Engineering and Fabrication Support (TEFS) Services for the Intelligence & Information Warfare Directorate
- **CONTRACT TYPE:** Indefinite Delivery/ Indefinite Quantity (ID/IQ) Time-and-Materials
- **ESTIMATED VALUE:** \$200 - \$300M
- **KEY MILESTONES:** Award FY-01
- **TECHNICAL CONTACT:** Jackie Messina (732) 427-2257
- **ACQUISITION CONTACT:** Debbie Shreve (732) 532-2461

CECOM Bottom Line: THE SOLDIER



SPECIFIC BUSINESS AREA OPPORTUNITIES

CECOM Bottom Line: THE SOLDIER



RDEC Contract Opportunities

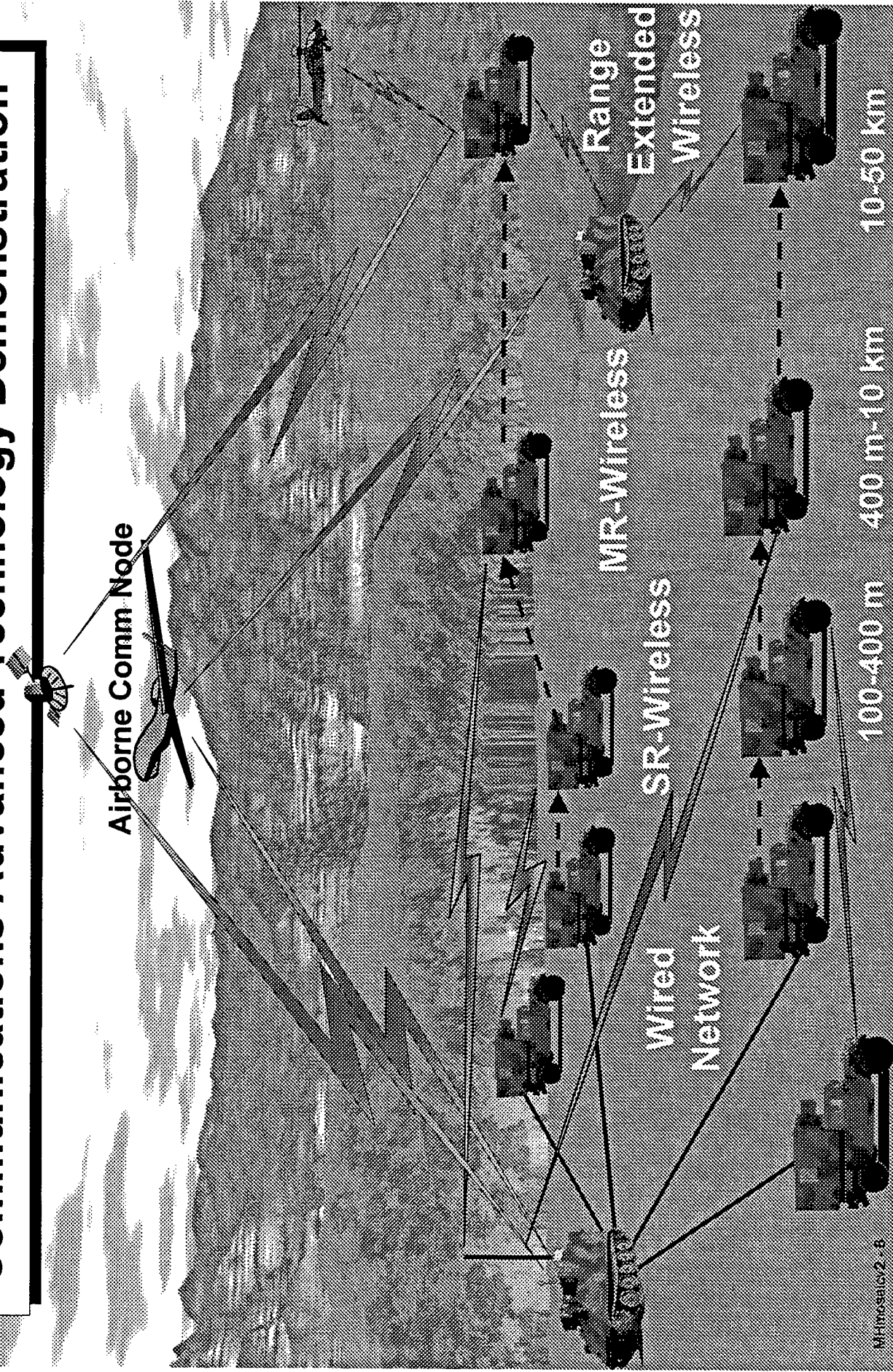


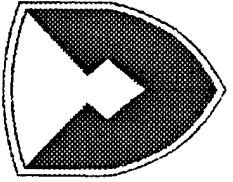
Specific Business Area Opportunities: up to \$90M

- Multifunctional On-the-Move Secure Adaptive Integrated Comm.
- On-the-Move Satellite Communications
- Joint Tactical Radio System UHF Broadband Antenna
- Multiband Multiplexer and Extended Wide Band Power Amplifier
- Advanced Protocols for Joint Tactical Radio System
- Tactical C2 Protect
- C2 Protect Vulnerability Analysis
- Soldier's Antenna, Body Borne
- Vehicle Mounted Forward Looking Mine Detection
- Advanced Integrated Targeting Suite
- Warrior Extended Battlespace Sensors
- Advanced Night Vision Goggles

CECOM Bottom Line: THE SOLDIER

Multifunctional On-the-Move Secure Adaptive Integrated Communications Advanced Technology Demonstration





Multifunctional On-the-Move Secure Adaptive Integrated Communications (MOSAIC)

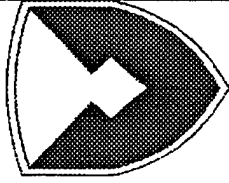


MAJOR THRUST AREAS:

- Adaptive Network Protocols to Support Mobility
- Bandwidth Management
- Security framework

**Multiple Contract Awards
for Individual Technologies**

CECOM Bottom Line: THE SOLDIER

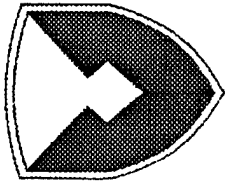


Multifunctional On-the-Move Secure Adaptive Integrated Communications (MOSAIC)

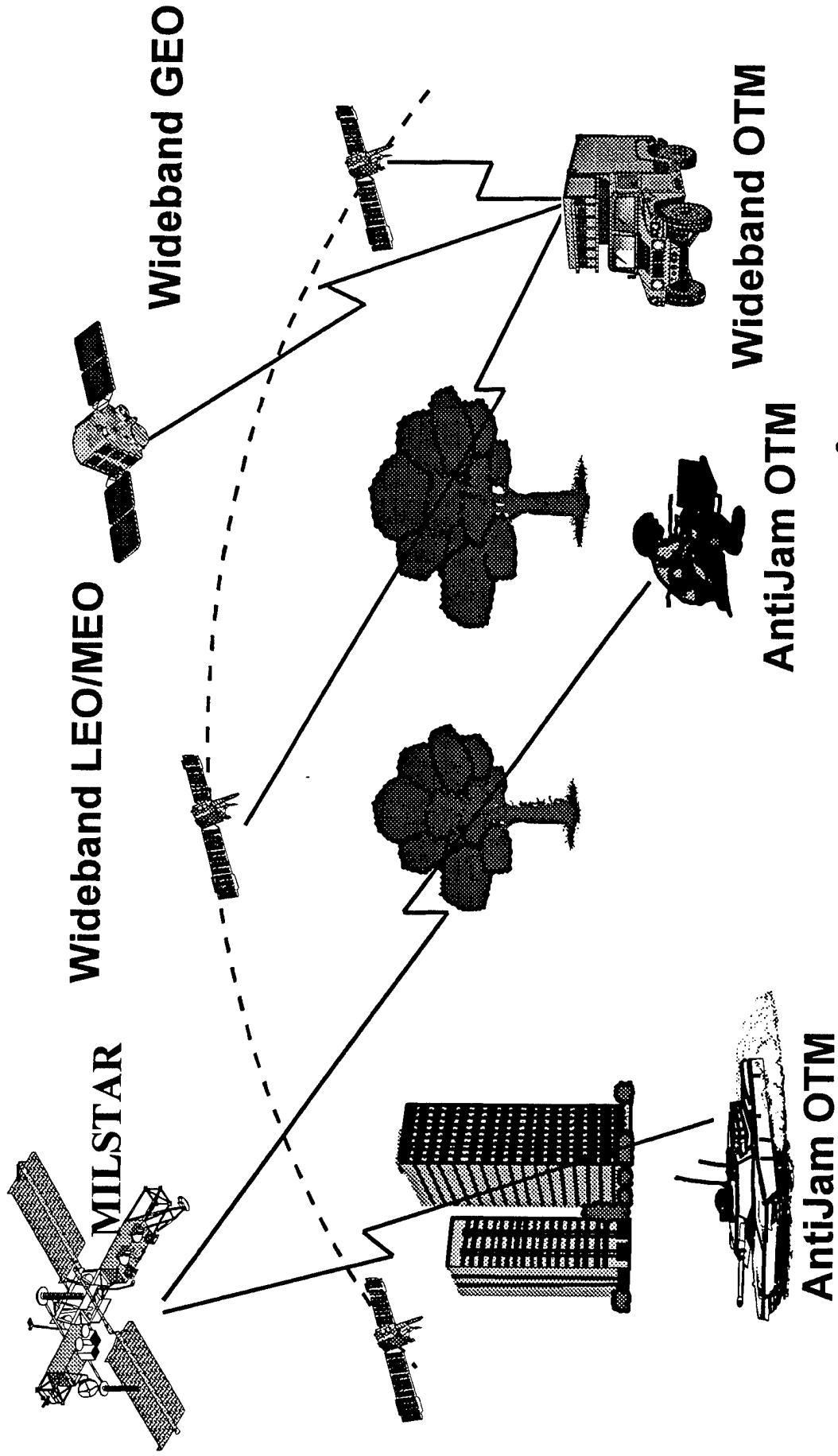


- **OBJECTIVE:** To provide mobile communications and networking technologies to support Battle Command mobility
- **CONTRACT TYPE:** Combination of Other Transactions, CPFF (Dual Use, BAA)
- **ESTIMATED VALUE:** \$10 - \$25M over 5 Years
- **KEY MILESTONES:**
 - Initial award, multiple awards thereafter 2QFY00
 - Initial demo with DARPA Airborne Comm Node FY01/02
 - Final demonstration FY04
- **TECHNICAL CONTACT:** Gary Blohm (732) 427-4277
- **ACQUISITION CONTACT:** Andrew Dellomo (732) 427-1341

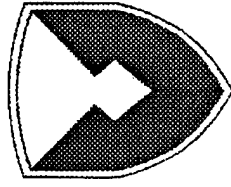
CECOM Bottom Line: THE SOLDIER



On-The-Move Satellite Communications System Concept



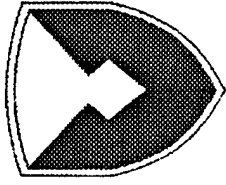
CECOM Bottom Line: THE SOLDIER



On-The-Move Satellite Communications



- Develop fast recovery modem that can quickly recover from signal blockages (i.e., buildings, terrain, atmospheric effects etc)
- Identify, evaluate and tailor candidate link layer protocol schemes
- Identify, evaluate and tailor candidate coding schemes
- Target SATCOM systems include:
 - Advanced EHF Narrowband (Next Generation MILSTAR)
 - Defense Satellite Communications System
 - Emerging commercial wideband LEO's and MEO's



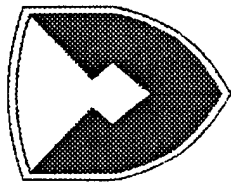
On-The-Move Satellite Communications



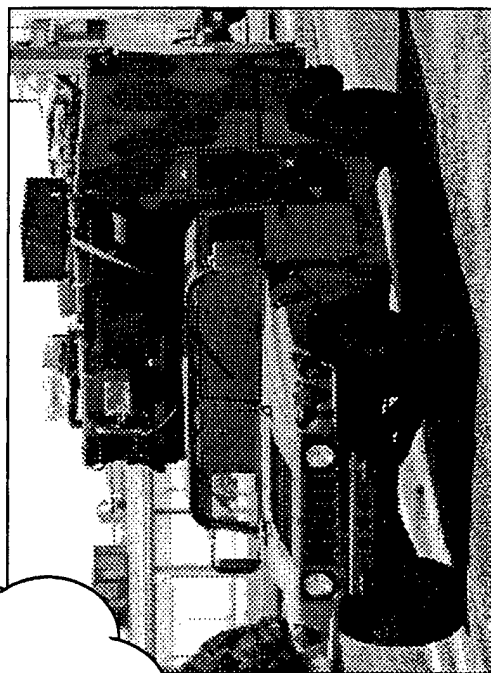
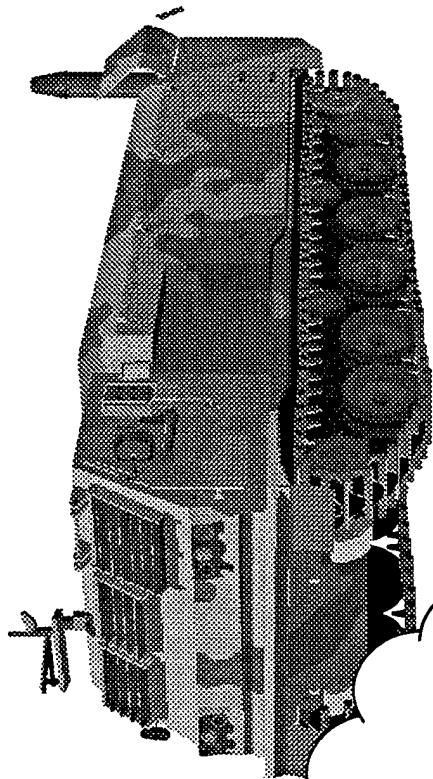
- **OBJECTIVE:** Develop On-the-Move SATCOM ground terminal capabilities for use with military and emerging commercial satellites
- **CONTRACT TYPE:** Combination of Other Transactions, CPFF (Dual Use, BAA)
- **ESTIMATED VALUE:** \$3.5 - \$4M Contract - FY00-03 (Narrowband)
\$4 - \$4.5M Contract - FY01-04 (Wideband)
- **KEY MILESTONES:**

Award	- Narrowband (MILSTAR)	2QFY00
	- Wideband (Commercial Constellations)	2QFY01
Demo	- Narrowband (MILSTAR)	2QFY03
	- Wideband (Commercial Constellations)	2QFY04
- **TECHNICAL CONTACT:** Thom Nelson (732) 427-2339
- **ACQUISITION CONTACT:** Andrew Dellomo (732) 427-1341

CECOM Bottom Line: THE SOLDIER



Joint Tactical Radio System (JTRS) UHF Multiband Antenna



UHF MULTIBAND ANTENNA

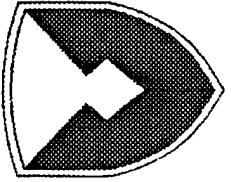
450 MHz - 3 GHz
continuous

High power capability ~
200 Watts

On-the-Move Operation in
wheeled and track vehicles

Omi-directional Line
of Sight

CECOM Bottom Line: THE SOLDIER

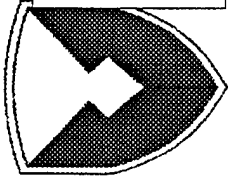


Joint Tactical Radio System (JTRS) UHF Broadband Antenna

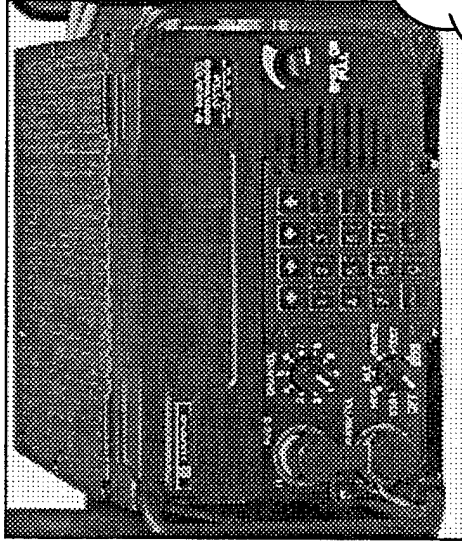


- **OBJECTIVE:** Develop a high power, low cost, 450 MHz to 3 GHz omnidirectional antenna for tactical on-the-move (OTM) communications
- **CONTRACT TYPE:** Cost Plus Fixed Fee (BAA)
- **ESTIMATED VALUE:** \$200-400K, 1 year effort
- **KEY MILESTONES:**
 - Award 1Q FY01
 - Prototype Delivery 1Q FY02
- **TECHNICAL CONTACT:** Steve Goodall (732) 532-0445
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER



Multiband Multiplexer and Extended Wide Band Power Amplifier



- VHF/UHF Power Amplifier to provide modular, programmable JTRS waveform capability

- Support simultaneous waveform & reconfigurable class of operation

- Power out: 100 Watts

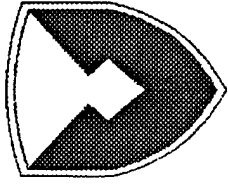
- Minimum efficiency: 30%

**VHF / UHF
MULTIPLEXER**

- Operates in 2MHz → 2 GHz frequency range

- Intermodulation Distortion less than -55 dBc

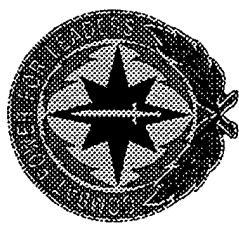
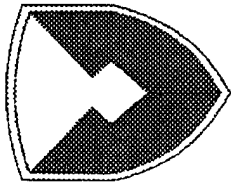
CECOM Bottom Line: THE SOLDIER



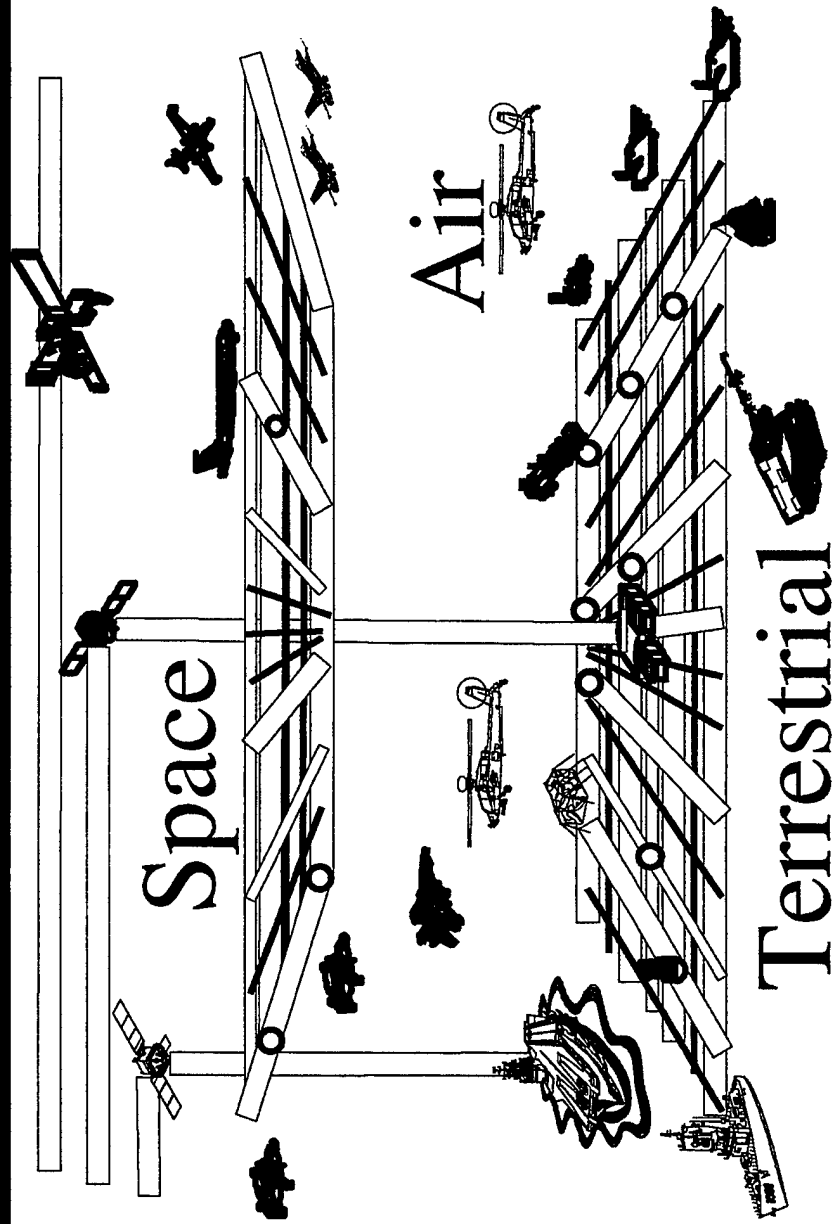
Multiband Multiplexer and Extended Wide Band Power Amplifier

- **OBJECTIVE:** Develop multiband VHF/UHF Power Amplifier to eliminate Legacy Amplifiers and Logistics Infrastructures
- **CONTRACT TYPE:** Firm Fixed Price (BAA)
- **ESTIMATED VALUE:** \$1- \$2 M
- **KEY MILESTONES:**
 - Award Wideband PA 2Q FY01
 - Prototype delivery 2Q FY02
- **TECHNICAL CONTACT:** Steve Goodall (732) 532-0445
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER

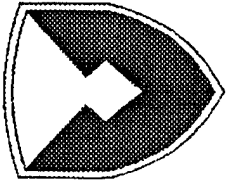


Advanced Protocols for Joint Tactical Radio System (JTRS)



**PROTOCOLS TO ENABLE MOBILITY/RE-ADDRESSING OF RADIOS
(JTRS) IN MULTI-TIERED ARCHITECTURE**

CECOM Bottom Line: THE SOLDIER

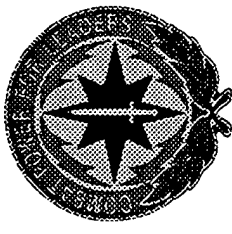
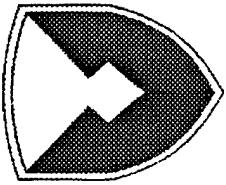


Advanced Protocols for Joint Tactical Radio System (JTRS)



- **Develop solutions to reconstitute networks impacted by the node mobility and battle damage, for JTRS/Vision 2010/Army After Next (AAN)**
- **Multi-tiered environment (Satellite, Airborne, Terrestrial), without fixed infrastructure**
- **Focus on emerging mobile agent technologies:**
 - **Mobile Agent implemented via Object Oriented Entities**
 - **Functions include: Mobility management, configuration, reconfiguration**

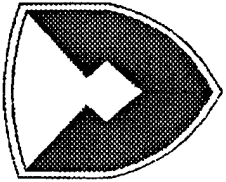
CECOM Bottom Line: THE SOLDIER



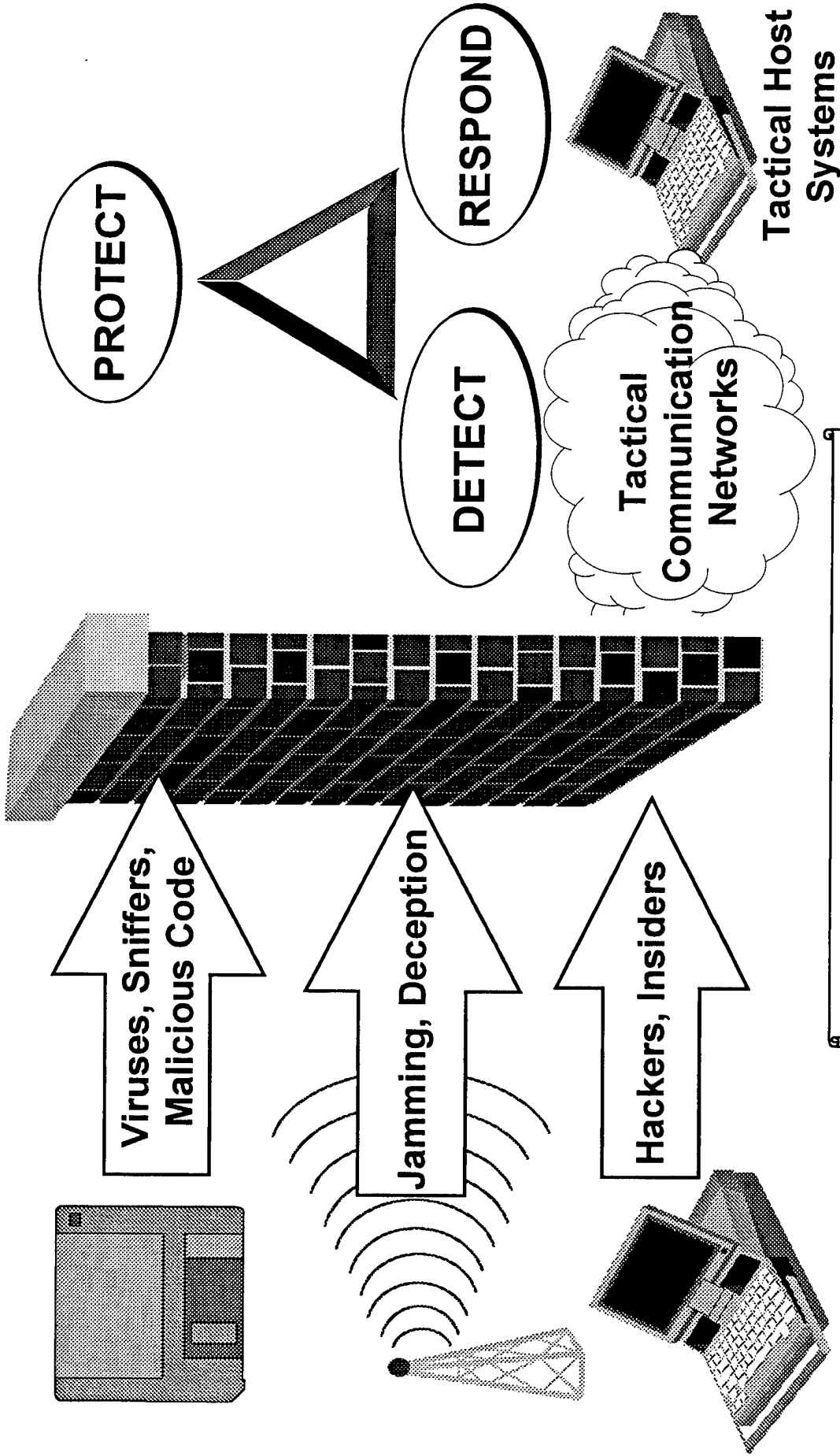
Advanced Protocols for Joint Tactical Radio System (JTRS)

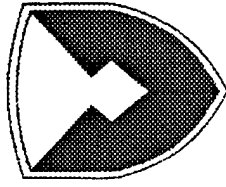
- **OBJECTIVE:** To define a high level architecture and deliver protocol to support dynamic addressing in lower echelon military operations
- **CONTRACT TYPE:** Combination of Other Transactions, CPFF (Dual Use, BAA)
- **ESTIMATED VALUE:** \$1.5 - \$4.5M Over 5 Years
- **KEY MILESTONES:**
 - Award** 2Q FY01
 - Integration into platform** 1Q FY03
 - (Wideband Radio Network Testbed)**
 - Validation/Simulation and Transition to JTRS** FY04/05
- **TECHNICAL CONTACT:** Dr. Charles Graff (732) 427-4191
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER



Tactical C2 Protect

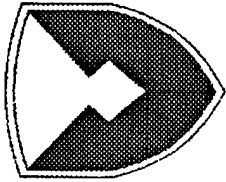




Tactical C2 Protect

- **Key areas of investigation are:**
 - **Network access control**
 - **Intrusion detection and response**
 - **Host level improvements**
 - **Automated Security Management**
- **Solutions must effectively protect against, detect, and respond to information warfare attacks**
- **Solutions must be integrated and proven within the bandwidth and connectivity constraints of the Army's tactical networks**

CECOM Bottom Line: THE SOLDIER

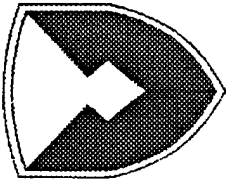


Tactical C2 Protect



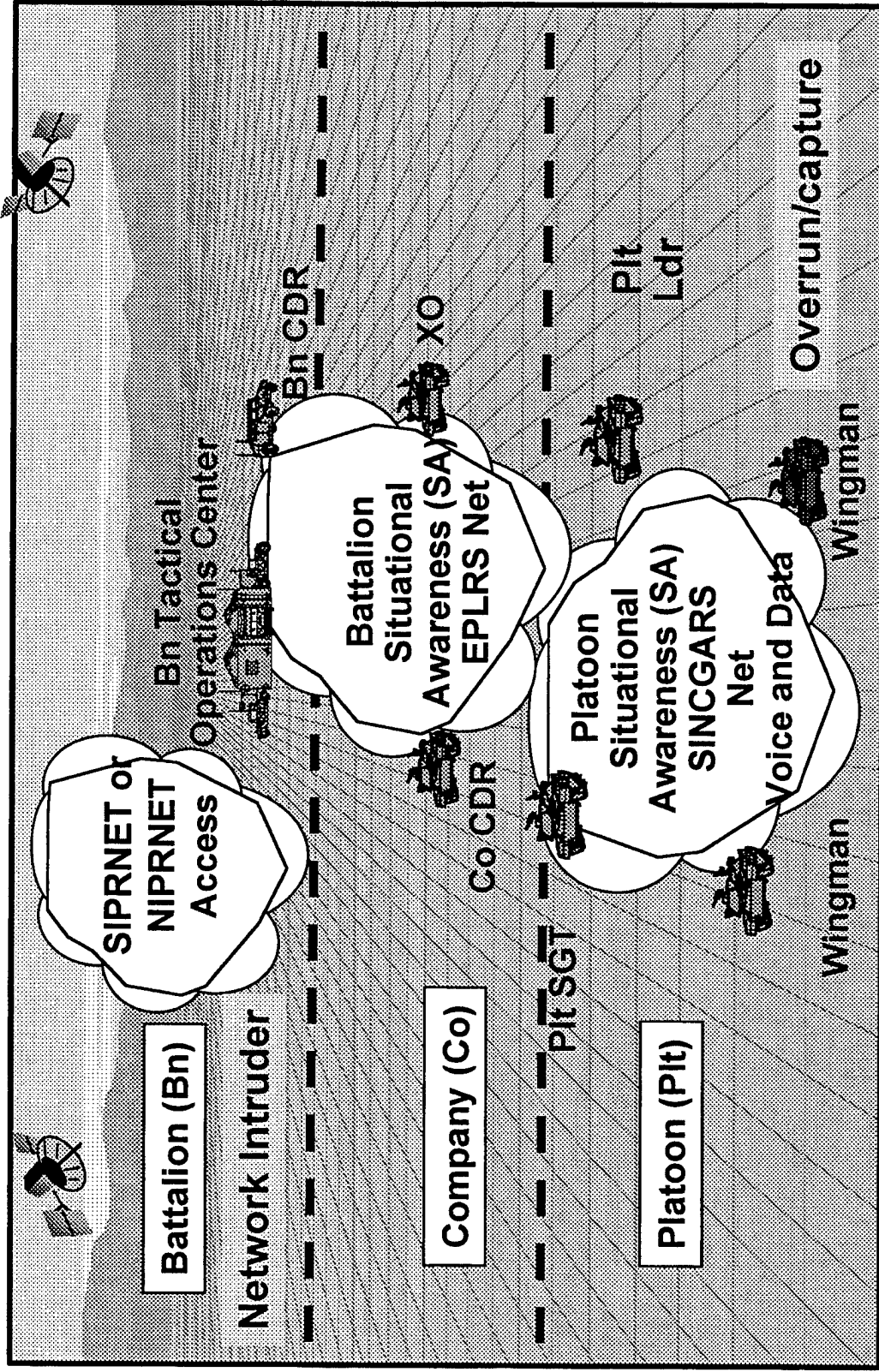
- **OBJECTIVE:** Develop, integrate and validate network access control, intrusion detection/response, host level improvements, and security management that will secure the systems and networks of the First Digitized Division (FDD) and beyond.
- **CONTRACT TYPE:** Combination of Other Transactions, CPFF (Dual Use, BAA)
- **ESTIMATED VALUE:** \$4.0 - \$6.0M, 3 Year Effort
- **KEY MILESTONES:**
 - Awards - Multiple, 2Q each FY FY00-02
 - NTE \$800K per contract, per year
- **TECHNICAL CONTACT:** Pete Van Syckle (732) 427-4647
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER



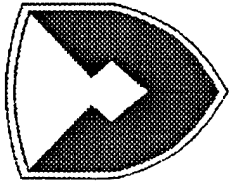
C2 PROTECT VULNERABILITY ANALYSIS

Tactical Internet Exploitation Scenarios



R - Router
INC - Tactical Router

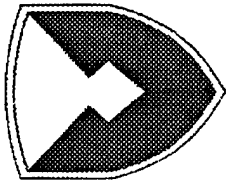
CECOM Bottom Line: THE SOLDIER



C2 Protect Vulnerability Analysis



- Development of hardware and software tool kit to perform vulnerability assessment of tactical C4I systems
- Tools will support red teaming; accessing protected computers and network components, corruption of data, and disruption of network performance.
- Tools must support multiple network architectures with varying bandwidth

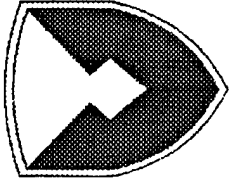


C2 Protect Vulnerability Analysis

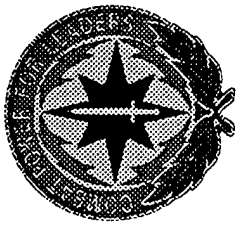
- **OBJECTIVE:** Development of assessment tools for penetration testing and vulnerability analysis of Army tactical C4I systems.
- **CONTRACT TYPE:** COST PLUS FIXED FEE (BAA)
- **ESTIMATED VALUE:** \$2 - 3M
- **KEY MILESTONES:**

BAA Award	3Qtr FY00
BAA Award	1Qtr FY01
- **TECHNICAL CONTACT:** Vince Simpson (732) 532-3793
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER

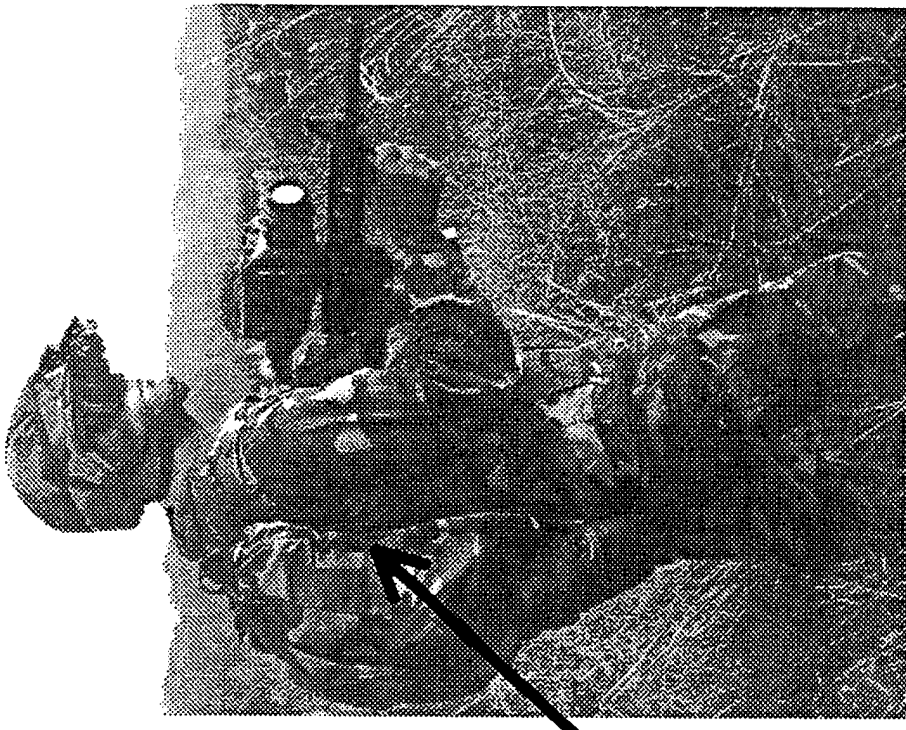


Soldier's Antenna, Body Borne

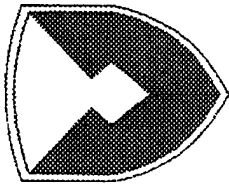


- Conformal body borne that operates while soldier is standing or prone
- Communicate in VHF/UHF Bands
- Address cosite effects with other Soldier Systems
- Power efficiency +8dB → +10dB

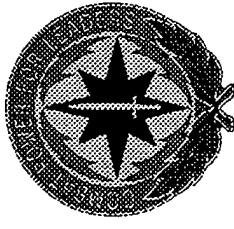
Soldier's Antenna, Body Borne



CECOM Bottom Line: THE SOLDIER

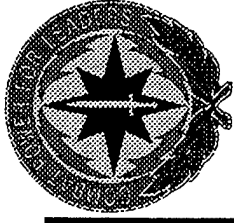
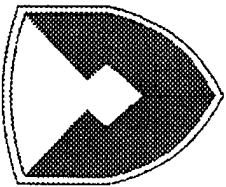


Soldier's Antenna, Body Borne



- **OBJECTIVE:** Develop and Demonstrate a VHF/UHF body borne antenna for the soldier that has the same or greater power efficiency and range of legacy manpack antennas.
- **CONTRACT TYPE:** COST PLUS FIXED FEE (BAA)
- **ESTIMATED VALUE:** \$350-750K
- **KEY MILESTONES:**
 - Award & Alternate Designs 1Qtr FY00
 - Antenna Prototype 3Qtr FY00
 - Optimize Antenna Design 1Qtr FY01
 - Demonstrate Antenna 3Qtr FY01
 - Deliver Antenna 4Qtr FY01
- **TECHNICAL CONTACT:** V. J. Procopio, 732-427-2077
- **ACQUISITION CONTACT:** Virginia Knight 732-532-4348

CECOM Bottom Line: THE SOLDIER



Vehicle Mounted Forward Looking Mine Detection

Critical Technologies:

Forward Looking Sensors:

- Uncooled FLIR
- GPR w/SAR processing

Operational Benefits:

- 10X improvement over VMMD ATD vehicle speeds
- 25X improvement over current route clearance mission speeds

SAR/IR combination

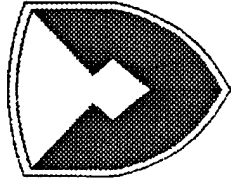
Physically marked mine

Mixture of surface and buried mines

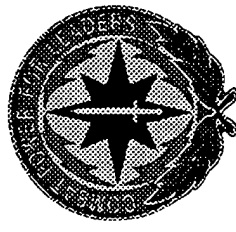
• Forward Looking Field of View
3 x (7 - 30) m

Provides a new standoff mine detection capability to enable
on-route clearance mission times << 18 hrs for 20 km

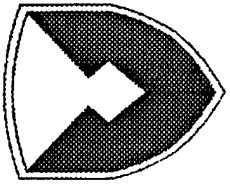
CECOM Bottom Line: THE SOLDIER



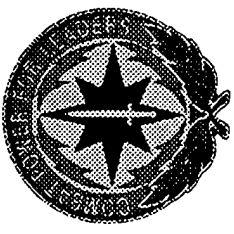
Vehicle Mounted Forward Looking Mine Detection



- Investigate, develop, and field-evaluate sensor technologies for detection of anti-tank mines in front of host vehicle
- Demonstrate detection algorithms for forward looking mine detection
- Develop techniques for correlating data imagery and detection icons to actual mine locations in front of vehicle



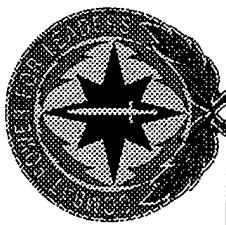
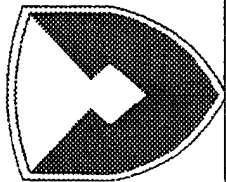
Vehicle Mounted Forward Looking Mine Detection



- **OBJECTIVE:** Enhance the operational tempo for vehicular-based mine detection systems while providing increased survivability to the soldier through a forward-looking sensor/detection algorithm development program
- **CONTRACT TYPE:** Cost Plus Fixed Fee
- **ESTIMATED VALUE:** \$7-10M
- **KEY MILESTONES:**

Award date	2QFY00
Brassboard Fabrication	4QFY02
Technology Demonstration	4QFY03
- **TECHNICAL CONTACT:** Mr. Kelly Sherbondy (703) 704-2448
- **ACQUISITION CONTACT:** Karen Conti (732) 532-1984

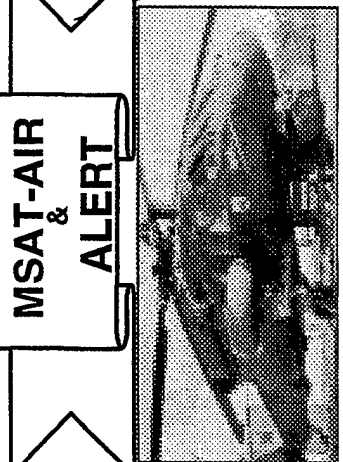
CECOM Bottom Line: THE SOLDIER



Advanced Integrated Targeting Suite

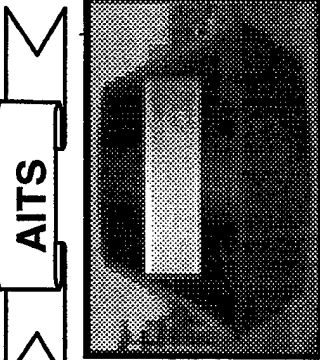
KEY ENABLING TECHNOLOGY SCALABLE / RECONFIGURABLE FOR ROTORCRAFT

MSAT-AIR
&
ALERT



LONGBOW FCR & 2ND GEN
FLIR LASER PROFILER

AITs



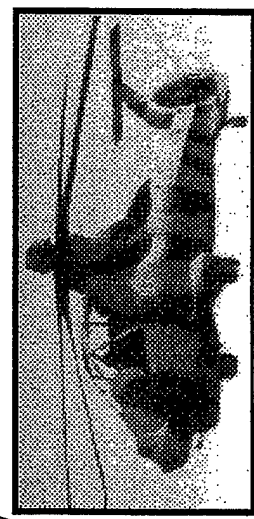
ESCAN RADAR

USER



APACHE

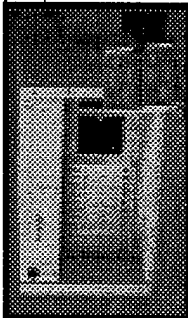
ALL SENSORS
FUSED FOR ATR
ON THE MOVE
MAXIMIZED TARGETING
PERFORMANCE



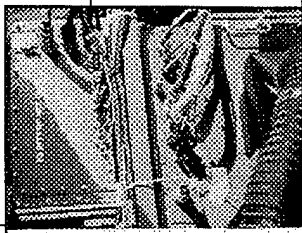
COMANCHE



ADVANCED IR & LASER
SENSOR COMPONENTS

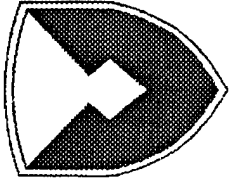


COTS PROCESSOR /
OPEN ARCHITECTURE



COTS PROCESSORS /
ATR ALGORITHMS

CECOM Bottom Line: THE SOLDIER

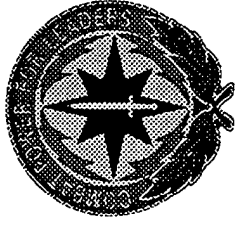
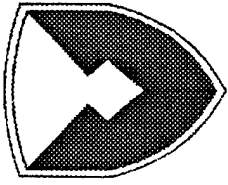


Advanced Integrated Targeting Suite



- Image fusion of radar and FLIR for target acquisition under adverse visibility and on-the-move aviation applications
- Application of technology to ground vehicles

CECOM Bottom Line: THE SOLDIER

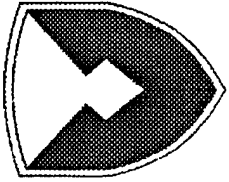


Advanced Integrated Targeting Suite

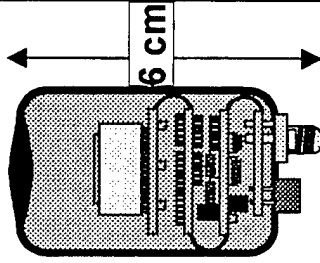
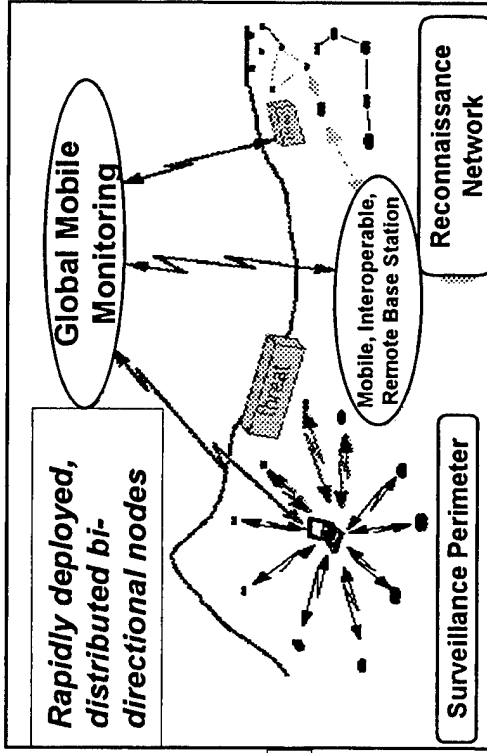
- **OBJECTIVE:** Provide radar/forward looking infrared (FLIR) sensor fusion for improved on-the-move target acquisition performance with an affordable, light-weight, electronically scanned, mast mounted assembly radar for Army aviation with application to ground combat vehicles
- **CONTRACT TYPE:** COST PLUS FIXED FEE
- **ESTIMATED VALUE:** \$12-18 M
- **KEY MILESTONES:**

Award date	2Qtr FY00
Hardware Design/Build	1Qtr FY03
User Demonstrations	4Qtr FY03
- **TECHNICAL CONTACT:** Mr. Howard Kessler (703) 704-1382
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER



Warrior Extended Battlespace Sensors

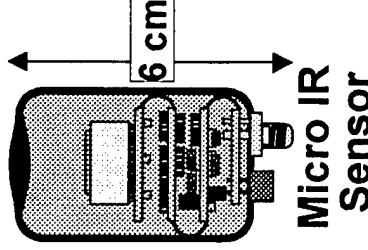
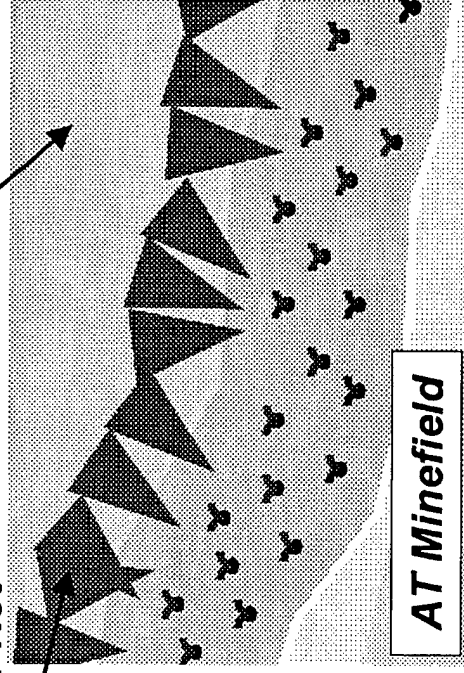


Micro IR
Camera

Notional WEBS Network

Acoustic Cueing Net

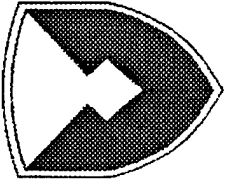
Micro IR Sensor Net



Micro IR
Sensor

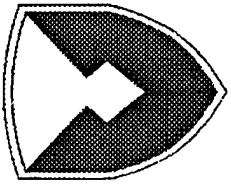
Notional WEBS Network

CECOM Bottom Line: THE SOLDIER



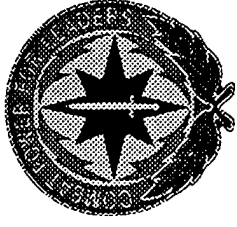
Warrior Extended Battlespace Sensors

- Reduce weight, power, and logistics burden
- Enhance the warfighter's cognitive capabilities
 - To speed decision making
 - Enhance reaction times
- Provide responsive situational awareness to extend the battlespace



Warrior Extended Battlespace

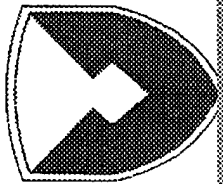
Sensors



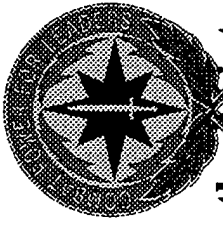
- **OBJECTIVE:** Develop a family of sensors based on micro electronics and micro electro-mechanical systems (MEMS) technology, to enable overarching situational awareness and provide a common operational picture across all echelons of Army After Next.
- **CONTRACT TYPE:** COST PLUS FIXED FEE
- **ESTIMATED VALUE:** \$4 - 7 M
- **KEY MILESTONES:**

Award date	4QFY01
Acoustic/seismic net	4QFY03
Micro-inertial navigation	4QFY03
Munitions deployable	4QFY04
- **TECHNICAL CONTACT:** Dr. James Brown (703) 704-3064
- **ACQUISITION CONTACT:** Karen Conti (732) 532-1984

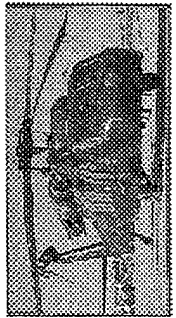
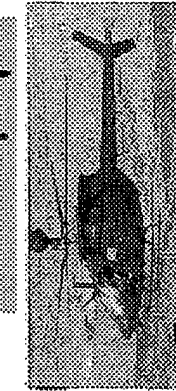
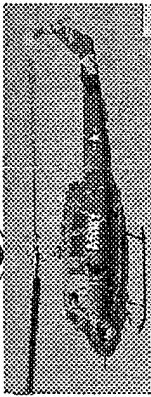
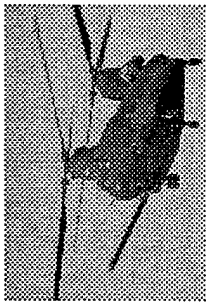
CECOM Bottom Line: THE SOLDIER



Advanced Night Vision Goggles

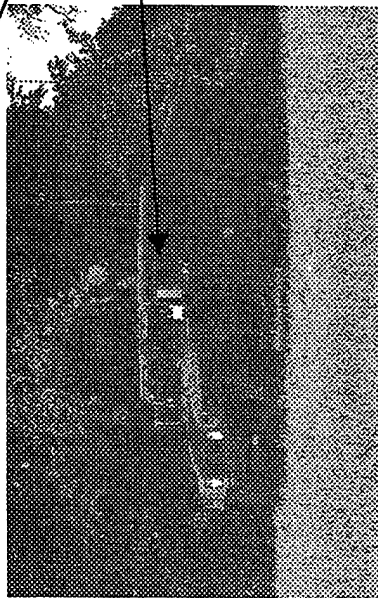
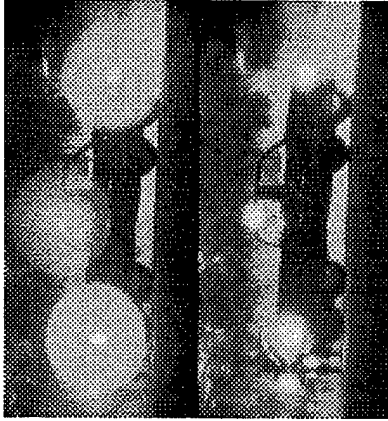


Standard

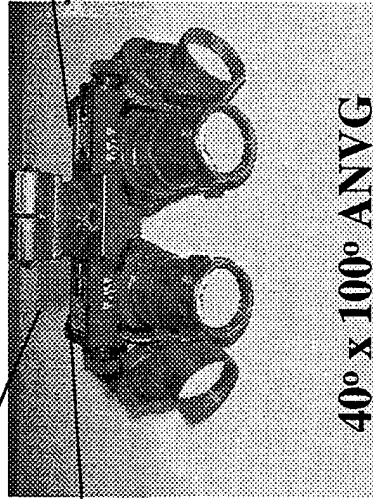


I² for Aviation

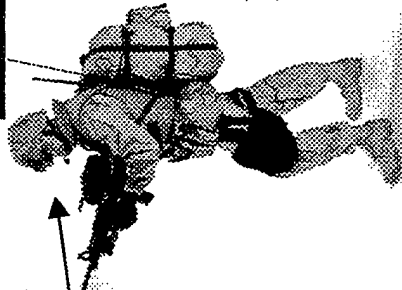
Low Halo



I² for Driving

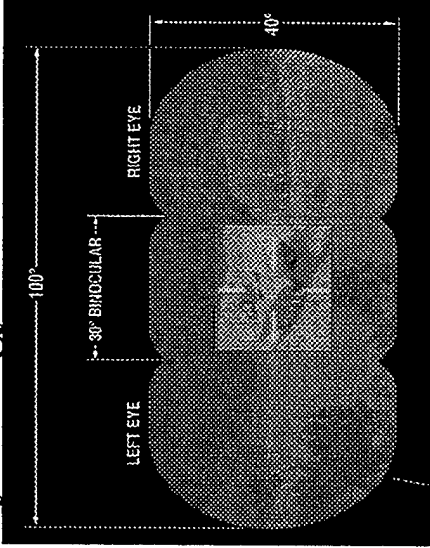


40° x 100° ANVG



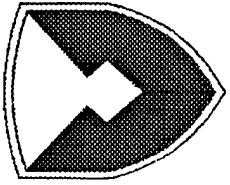
Fused I² and IR for
dismounted soldier

Symbology for the Aviator



- Improved situation awareness and safety of flight with wider FOV
- Added IR target detection capability for dismounted soldiers
- HTI approach for Aviation and Infantry

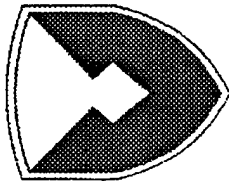
CECOM Bottom Line: THE SOLDIER



Advanced Night Vision Goggles



- Improved performance for pilotage, driving, and ground based operations under night battlefield, adverse weather and military operations urban terrain (MOUT) conditions
- Application to all aircraft across the aviation fleet except Comanche
- Increased Safety-of-Flight through improved situational awareness

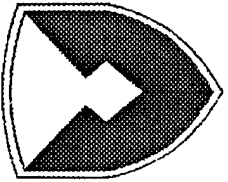


Advanced Night Vision Goggles

- **OBJECTIVE:** Demonstrate a high resolution, wide field of view (40°X100°), helmet mounted, pilotage sensor for low light level Air Warrior applications and a modular concept for driving and dismounted applications with thermal or short-wave IR insert for poor visibility conditions
- **CONTRACT TYPE:** CPFF
- **ESTIMATED VALUE:** \$3-5 M
- **KEY MILESTONES:**

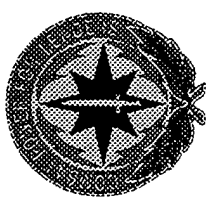
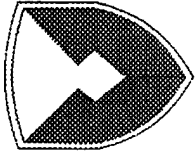
Award date	2QFY00
I2/Thermal/SWIR Insert Fabrication	4QFY02
Final Testing/User Demo	4QFY03
- **TECHNICAL CONTACT:** Mr. Howard Kessler (703) 704-1382
- **ACQUISITION CONTACT:** Virginia Knight (732) 532-4348

CECOM Bottom Line: THE SOLDIER



Websites

- **Broad Area Announcement (BAA):**
<http://abop.monmouth.army.mil/> Once on the page get to “Requiring Activity”, “RDEC” and find the solicitation DAAB07-98-R-D003.
- **Dual Use Science & Technology (DUST) Program:**
<http://www.dtic.mil/dust/>
- **Small Business Innovation Research (SBIR) Program:**
<http://www.acq.osd.mil/sadbu/sbir> (Phase I Solicitation)
<http://www.aro.army.mil/arowash/rt/> (Phase II Plus)



SUBJECT MATTER EXPERTS

MANAGERS AVAILABLE AT CECOM EXHIBIT

- DUAL USE SCIENCE AND TECHNOLOGY
- SMALL BUSINESS INNOVATION RESEARCH
- INDEPENDENT RESEARCH AND DEVELOPMENT
- COOPERATIVE RESEARCH AND DEVELOPMENT AGREEMENTS
- PATENTS AND PATENT LICENSING AGREEMENTS

•CECOM Bottom Line: The Soldier

NOTES

NOTES

Biographical Sketch

FRANK D. JENIA, Ph.D.

**Deputy/Technical Director
U.S. Army Information Systems Engineering Command
Fort Huachuca, Arizona 85613-5300**

**520-538-8792 Facsimile 520-538-7614
jeniaf@emh1.hqisec.army.mil**

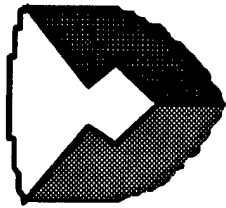
Dr. Jenia is the Deputy/Technical Director of the U.S. Army Information Systems Engineering Command (USAISEC) at Fort Huachuca, Arizona. He is a senior interdisciplinary computer scientist and electronic engineer.

Dr. Jenia earned a Master of Arts Degree in Management and Communications from the University of Northern Colorado in 1980 and a Master of Science Degree in Electrical-Computer Engineering from the University of Colorado in 1985. He earned his Doctor of Philosophy Degree in Computer Information Systems in 1993 with his dissertation titled "Migrating the Army to an Open-Systems Environment."

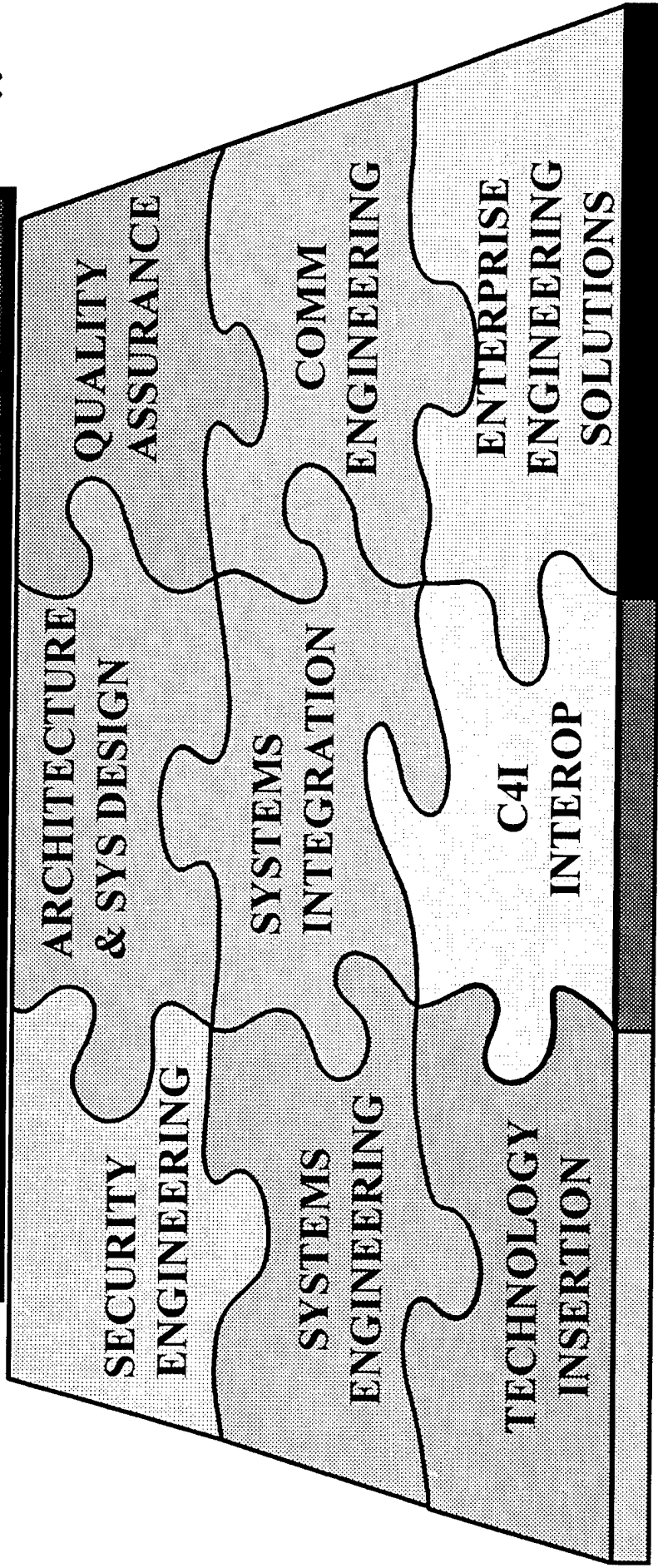
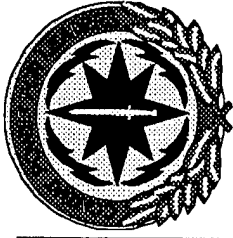
As the senior technical civilian in USAISEC, Dr. Jenia provides executive-level, technical direction and leadership for a world-wide engineering organization performing information systems (automation and communications) design, development, engineering, installation, quality assurance, and life-cycle technical support for Department of Defense and U.S. Army programs.

Dr. Jenia began his career as a software engineer in 1970 for the U.S. Army and he has worked in and with all the global organizations in the U.S. Army's Information Systems Engineering Command for the past two and a half decades. In over 25 years of active civilian service, Dr. Jenia has held a series of key senior civilian positions. He is the recipient of numerous distinguished medals and awards from both the Department of Defense as well as the local community.

Dr. Jenia and his wife, Margaret, live in Sierra Vista, Arizona, and have three children: Jill, Justin, and Joy.

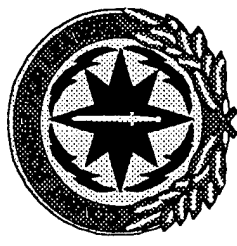
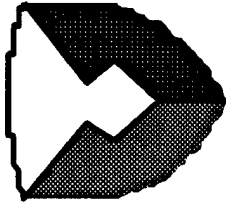


U.S. ARMY INFORMATION SYSTEMS ENGINEERING COMMAND

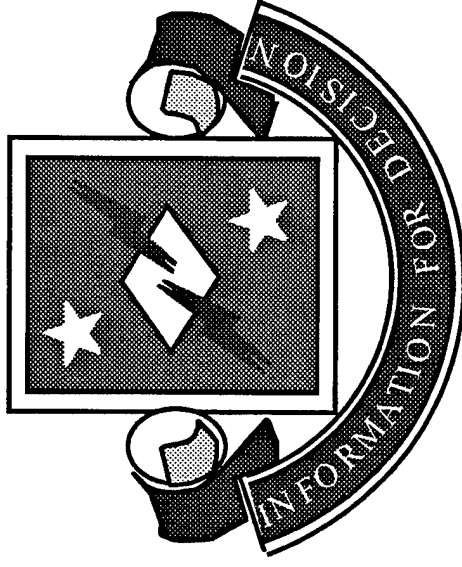
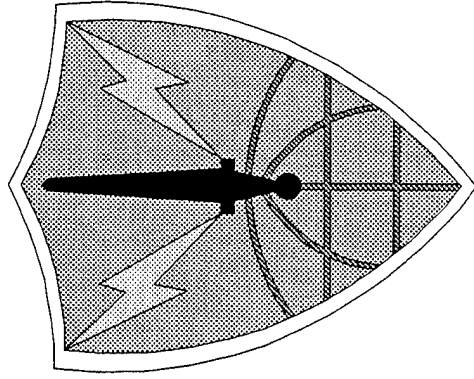


PROFESSIONALS PROVIDING TOTAL ENTERPRISE SOLUTIONS

CECOM Bottom Line: The Soldier

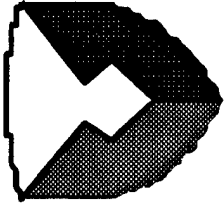


U.S. ARMY INFORMATION SYSTEMS
ENGINEERING COMMAND
CONTRACT OPPORTUNITIES



DR. FRANK JENIA
DEPUTY/TECH DIRECTOR
U.S. ARMY INFORMATION
SYSTEMS ENGINEERING COMMAND

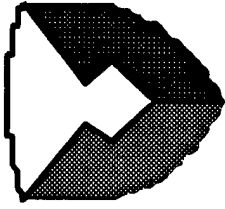
CECON Bottom Line: The Soldier



TOTAL ENGINEERING AND INTEGRATION SERVICES (TEIS) CONTRACT

- **SYSTEMS ENGINEERING**
- **QUALITY ASSURANCE TESTING**
- **INFORMATION SECURITY ENGINEERING**
- **TECHNICAL INTEGRATION/INSERTION**
- **ARCHITECTURAL DESIGNS**

CECOM Bottom Line: The Soldier



TOTAL ENGINEERING AND INTEGRATION SERVICES (TEIS) CONTRACT

- **OBJECTIVE: PROVIDE USAISEC WITH TOTAL INTEGRATED MISSION SUPPORT**
- **CONTRACT TYPE: INDEFINITE DELIVERY, INDEFINITE QUANTITY, WITH FIXED PRICED, (PRENEGOTIATED LOADED HOURLY LABOR RATES) AND REIMBURSABLE LINE ITEMS. BASE YEAR WITH 4 OPTION YEARS. MULTIPLE AWARD.**
- **ESTIMATED VALUE: \$600M - \$700M**
- **KEY MILESTONES: DRAFT RFP-MAY 99, PRESOLICITATION CONF-JUN 99, FINAL RFP AUG-99, AWARD-DEC 1999**
- **TECHNICAL CONTACT: DR. FRANK JENIA
TEL: (520) 538-8792**
- **ACQUISITION CONTACT: SANDIE WILDE
TEL: (520) 533-2232**

CECOM Bottom Line: The Soldier

NOTES



BIOGRAPHY

ROBERT R. LEHNES
DEPUTY PROGRAM EXECUTIVE OFFICER
COMMUNICATIONS SYSTEMS
PEO COMMAND, CONTROL AND
COMMUNICATIONS
SYSTEMS
FORT MONMOUTH, NEW JERSEY

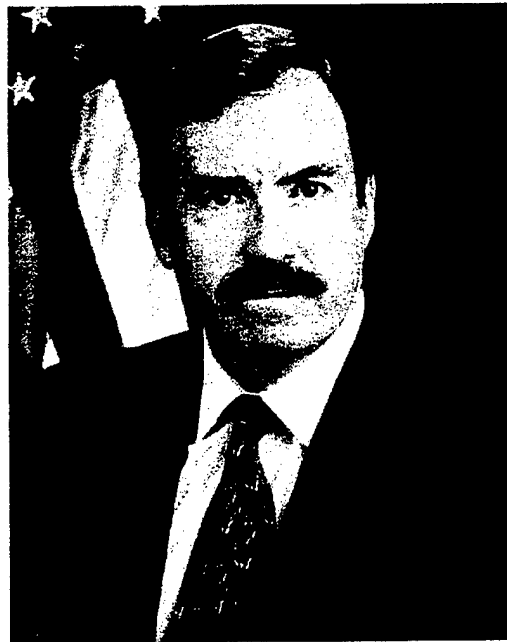
As Deputy Program Executive Officer, Communications Systems, Mr. Robert R. Lehnese is responsible for executive oversight, planning, resourcing, guidance and direction for assigned communications systems and the subordinate Project Managers that execute those programs. Mr. Lehnese is responsible for the integration of technical and programmatic objectives and the management of implementations to ensure milestones and overall goals and objectives are met.

Mr. Lehnese was selected for Senior Executive Service (SES) in 1 September 1996. He was previously Chief of Horizontal Technology Integration Office for Command, Control and Communications Systems. As the PEO's senior engineer he oversaw the systems engineering and integration as well as technology integration efforts into the Army's command, control, and communications systems.

Mr. Lehnese's previous assignments included Chief of Operations for PEO Communications Systems, where he was responsible for management oversight, acquisition management policy, guidance and direction of a two billion dollar annual budget for over 100 acquisition programs. He also served as the Chief of Systems Engineering for PEO Communications Systems.

Mr. Lehnese holds a Bachelor of Science Degree in Electrical Engineering from the Newark College of Engineering, a Masters of Science in Management Science and Computer Science from Fairleigh Dickinson University and a Masters of Science Degree in National Resource Strategy from the National Defense University. He is also a graduate of the Program Management Course from the

Defense Systems Management College, the



Industrial College of the Armed Forces, and the Senior Acquisition Course from the Defense Acquisition University.

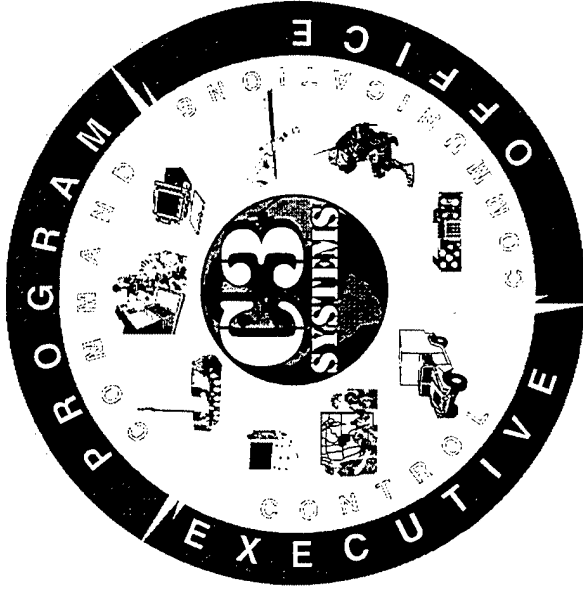
Mr. Lehnese's recognitions include: Magna Cum Laude from Fairleigh Dickinson University; Commander's Award for Civilian Service; numerous performance awards; and Vice President Gore's "Hammer Award" for Acquisition Improvement Excellence. Mr. Lehnese is the author of numerous technical papers dealing with tactical communications and integrated system control and

has published articles dealing with defense acquisition management.

A native of New Jersey, Mr. Lehnese resides in Ocean Grove with his wife Joanne. Their son, Russell, is a cadet at the Massachusetts Maritime Academy, Buzzards Bay, Massachusetts.



**SCAMP
Block II**



WIN-T

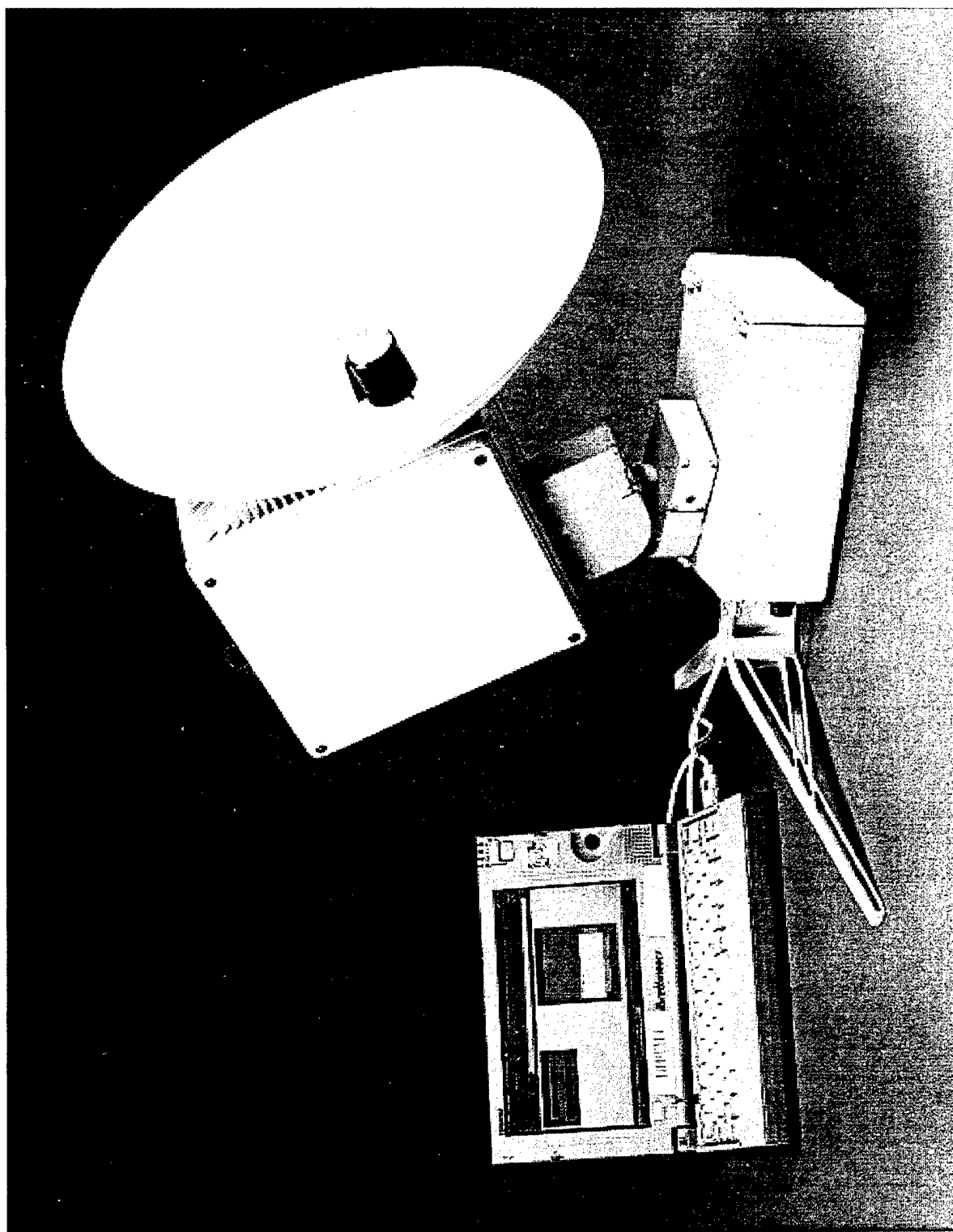
PEO C3S Contract Opportunities

Mr. Robert Lehnies

**Deputy Program Executive Officer
Command, Control, and Communications Systems**



SCAMP Block II





SCAMP Block II



- **Manportable, lightweight (12-15 lb.) Milstar and Advanced EHF satellite terminal**
- **Worldwide range extension of critical C4I information**
- **Provides anti-jam, low probability of intercept/detection**
- **Special operations and all Army echelons**
- **EMD/LRIP contracts include partnering with prototype developer MIT/Lincoln Laboratory**



SCAMP Block II



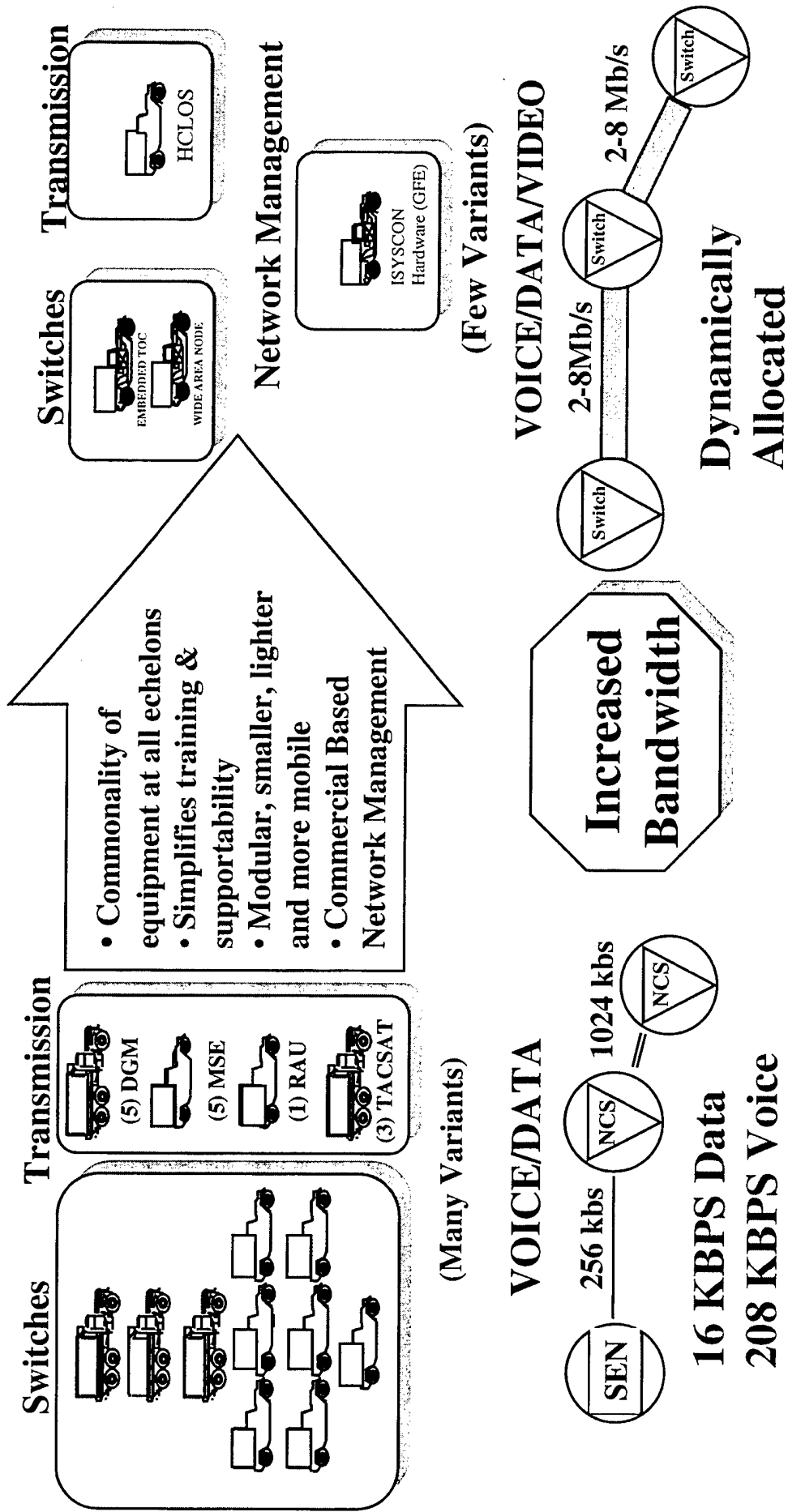
- **OBJECTIVE:** Spiral Development with Industry/
Government partnering to develop/test & evaluate 20
Block II SCAMP EMD/LRIP Terminals.
Two (Competitive Development) contracts
- **CONTRACT TYPE:** Cost Plus Award Fee
- **ESTIMATED VALUE:** \$10-20M
- **KEY MILESTONES:**
 - RFP 4Q FY 00
 - Award 2Q FY01
- **TECHNICAL CONTACT:** Carl Swenson (732) 532-9645
x4508
- **ACQUISITION CONTACT:** Joann Lee (732) 532-1889



Warfighter Information Network- Terrestrial (WIN-T) Evolution to WIN-T Objective System

1990 MSE/TRITAC

WIN-T





Warfighter Information Network - Terrestrial (WIN-T)



- New “TOC-centric” architecture with commonality of equipment at all echelons
- “Open Systems Design” leveraging off commercial technologies



Warfighter Information Network - Terrestrial (WIN-T)



- **Performance based acquisition**
- **Contractor logistics support required**
- **Network Management and System Security included as part of basic contract**



Warfighter Information Network - Terrestrial (WIN-T)



- **OBJECTIVE:** Replace MSE & TRI-TAC with a commercially-based digital area communications system for tactical echelons (Division, Corps and Echelons Above Corps (EAC)) and provide all management functionality necessary to support objective WIN-T
- **CONTRACT TYPE:** Firm Fixed Price Production with EPA adjustments with Cost options as required
- **ESTIMATED VALUE:** Total Program (FY01-FY14)>\$2B
- **KEY MILESTONES:**
 - Aug '99 - Market Survey Ends
 - Jan '00 - Request for Proposal Issued
 - Dec '00 - Contract Award
- **TECHNICAL CONTACT:** John Monette, 732-532-2994
- **ACQUISITION CONTACT:** Ken Tedeschi, 732-532-4846

NOTES

ACTING DEPUTY DIRECTOR

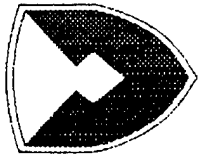
MICHAEL ALBARELLI

Since joining the CECOM System Management Center (SMC) in June 1998, Mr. Albarelli has held several key management positions. As of February 1999, he has been assigned as the Acting Deputy Director of SMC. Prior to this assignment, he was assigned as the SMC Technical Director and Director of the Horizontal Technology Integration Office. In these technical management positions, he was responsible for technical oversight and guidance for Y2K, information technology and assurance, business process re-engineering, interoperability, and system engineering activities within the organization.

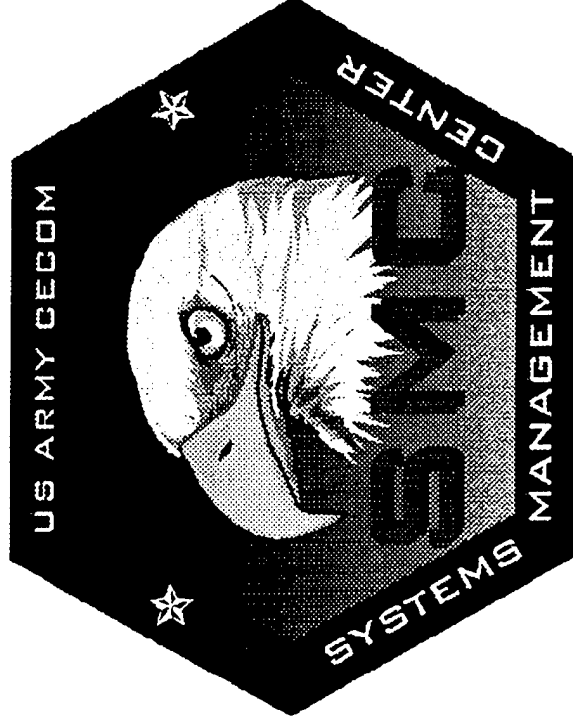
Before joining the CECOM SMC, Mr. Albarelli served as Chief of the System Engineering Office of the Program Executive Office, Command, Control and Communications (C3S). At the PEO, Mr. Albarelli was responsible for the system engineering and integration of the Army Tactical Command and Control System, as well as system engineering oversight of the Maneuver Control System (MCS), Army Field Artillery Tactical Data System (AFATDS), All Source Analysis System (ASAS), Air Defense Command and Control System (ADCCS) and the Combat Service Support Control System (CSSCS).

Prior to the PEO C3S assignment, Mr. Albarelli served as Deputy Project Manager for Electronic Warfare/RSTA, where he was responsible for the administration, management, development, and fielding of the Guardrail Common Sensor, REMBASS, Commanders Tactical Terminal, STINGRAY, Meteorological Data System, Remote Relay, and TEAMPACK.

Mr. Albarelli holds a B.S. IN Electrical Engineering and an M.S. in Management Science, both from Fairleigh Dickinson University. He also holds an M.S. in National Resource Strategy from the Industrial College of the Armed Forces (ICAF), Fort McNair, Washington DC.

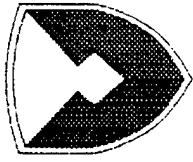


Systems Management Center Contract Opportunities



**Mr. Michael Albarelli
Acting Deputy Director, CECOM
Systems Management Center**



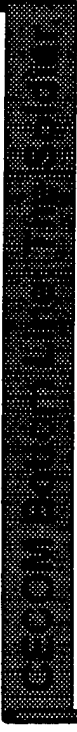


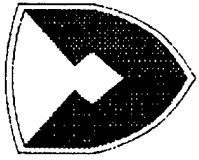
Long Term Life Cycle Support

- **Commercial-off-the-Shelf Telephone Systems**
- **Open to DoD and other Federal Agencies**
- **Products and Services**
 - **Hardware/Software Enhancements & Upgrades**
 - **Remote Diagnostics**
 - **Technical Assistance, Training, &**

Documentation

- **Spare Parts & Parts Repair**





Long Term Life Cycle Support

- **OBJECTIVE:** Customers with Nortel Network switched systems can obtain the supplies and support services required for an installation's telephone switching and telephone management system.
- **CONTRACT TYPE:** ID/IQ, 1 year with 4 one year options
- **ESTIMATED VALUE:** \$85M - \$95M
- **KEY MILESTONES**

PROPOSED RFP DATE: 1QFY01

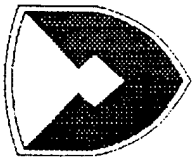
FORECASTED AWARD: 3QFY01

• **TECHNICAL CONTACT:** Eric Swenson (732) 532-7976

• **ACQUISITION CONTACT:** Ms. Celeste Boucher

(732) 532-4375



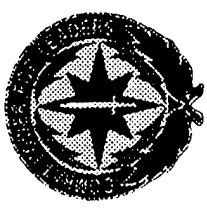
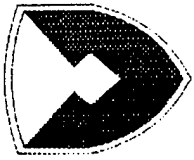


Long Term Life Cycle Support



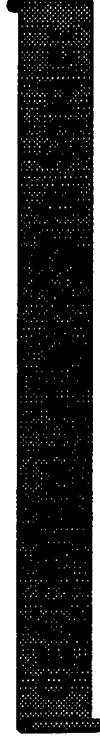
- **OBJECTIVE:** Customers with AG Communications Systems can obtain the supplies and support services required for an installation's telephone switching and telephone management system.
- **CONTRACT TYPE:** ID/IQ, 1 year with 4 one year options
- **ESTIMATED VALUE:** \$15M - \$20M
- **KEY MILESTONES**
 - PROPOSED RFP DATE:** 1QFY02
 - FORECASTED AWARD:** 3QFY02
- **TECHNICAL CONTACT:** Eric Swenson (732) 532-7976
- **ACQUISITION CONTACT:** Ms. Mary Kofron (732) 427-1461

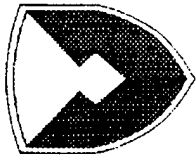




Long Term Life Cycle Support

- **OBJECTIVE:** Customers with Lucent Technologies switched systems can obtain the supplies and support services required for an installation's telephone switching and telephone management system.
- **CONTRACT TYPE:** ID/IQ, 1 year with 4 one year options
- **ESTIMATED VALUE:** \$75M - \$80M
- **KEY MILESTONES**
 - PROPOSED RFP DATE:** 3QFY02
 - FORECASTED AWARD:** 1QFY03
- **TECHNICAL CONTACT:** Eric Swenson (732) 532-7976
- **ACQUISITION CONTACT:** Ms. Mary Kofron (732) 427-1461

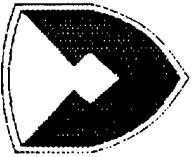




Replacement DSCS Frequency Division Multiple Access Control Subsystem (RDFCS)

- **Orderwires control**
- **Multi-band (X, C, Ku, Ka) capable (Military & Commercial)**
- **Maintain optimal allocation of satellite transponder power and bandwidth**
- **Control wider range of terminals operating over increased bandwidths**

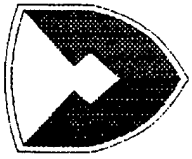




Replacement DSCS Frequency Division Multiple Access Control Subsystem (RDFCS)

- **OBJECTIVE:** Replace the current DFCS with an open architecture COTS system, based on MIL-STD 188-166/7, that includes orderwires control
- **CONTRACT TYPE:** Firm Fixed Price (FFP)
- **ESTIMATED VALUE:** \$12-22M
- **KEY MILESTONES:**
 - Request for Proposal released - 1QFY00
 - Contract Award - 2QFY00
- **TECHNICAL CONTACT:** Jay Hicks (732) 532-9728 x 5824
- **ACQUISITION CONTACT:** Kathy Rizzo (732) 532-5798



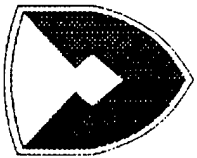


DSCS Spectrum Management System (DSMS)



- **Monitor, measure, analyze selected RF carriers / spectrum bands**
- **Compare downlink performance vs. network scenario**
- **Characterize known / unauthorized accesses and provide alarms**
- **Provide Advanced Signal Analysis**



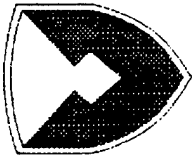


DSCS Spectrum Management System (DSMS)



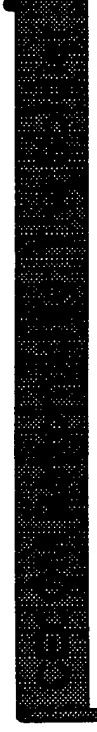
- **OBJECTIVE:** Replace current Defense Satellite Communication System (DSCS) Automatic Spectrum Analyzer with a Digital Signal Processing based spectrum monitoring system that extends the frequency range (X, C, Ku, Ka) to allow monitoring of commercial / future satellite systems
- **CONTRACT TYPE:** Firm Fixed Price (FFP)
- **ESTIMATED VALUE:** \$4-7M
- **KEY MILESTONES:**
 - Request for Proposal released - 1QFY01
 - Contract Award - 2QFY01
- **TECHNICAL CONTACT:** Jay Hicks (732) 532-9728 x 5824
- **ACQUISITION CONTACT:** Kathy Rizzo (732) 532-5798

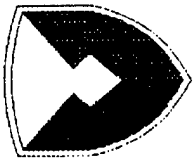




Replacement Radio Frequency Interface System (RRFIS)

- **Processor controlled RF switching**
- **Increased number of ports**
- **Potential use of fiber optics**

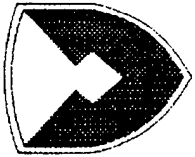




Replacement Radio Frequency Interface System (RRFIS)

- **OBJECTIVE:** Replace the current RF Switching equipment in the DSCS Operations Centers with state of the art technology
- **CONTRACT TYPE:** Firm Fixed Price (FFP)
- **ESTIMATED VALUE:** \$10-22M
- **KEY MILESTONES:**
 - Request for Proposal - 1QFY04
 - Contract Award - 2QFY04
- **TECHNICAL CONTACT:** Jay Hicks (732) 532-9728 x5824
- **ACQUISITION CONTACT:** Kathy Rizzo (732) 532-5798





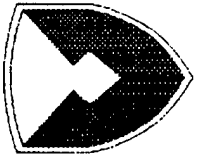
MAXI-MINIS AND DATABASES-1



- **PERTINENT SALIENT CHARACTERISTICS:**

- 1 Base Year Ordering, 4 - 1 Year Options
- State of the Art Platforms
 - + Hardware
 - + Software
 - = Multi-User Operating System
 - = Multiple Database Systems
 - + Information Technology (IT) Services
 - = System, Network, Engineering Services
 - = Database, Network Administration
 - = Site Survey, Installation, Outside Plant Support

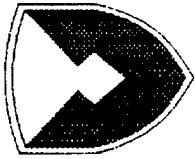




MAXI-MINIS AND DATABASES-1

- **OBJECTIVE:**
 - Follow-on to Super Minicomputer Contract and Database Machine Contracts.
 - To provide a vehicle for medium to large size computers and database machines to DoD users.
 - Software shall comply with Open System Standards.
- **CONTRACT TYPE:** FFP, ID/IQ, Best Value
- **ESTIMATED VALUE:** \$250-\$350M
- **KEY MILESTONES:** RFP - 1QFY00, Award - 2QFY00
- **TECHNICAL CONTACT:** Bob Germond (732) 427-6789
- **ACQUISITION CONTACT:** Ms. Celeste Boucher
(732) 532-4375

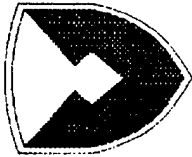




Mobile Detection Assessment Response System-Exterior

- Operates in general storage yards, arsenals, petroleum storage areas, airfields, rail yards and port facilities
- Randomly navigates exterior perimeters and roadways, while performing intrusion detection
- Operates and communicates at least 300 meters from a remote area control unit or signal relay device
- Verifies the status of barriers and products within a six meter line-of-sight range
- Achieves a required minimum response speed of 15 kilometers per hour with a goal of 30 kilometers per hour

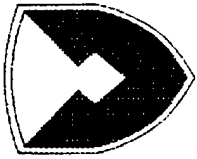




Mobile Detection Assessment Response System-Exterior

- **OBJECTIVE:** Complete Engineering and Manufacturing Development and begin Production of MDARS-E to protect external DoD storage/operational facilities
- **CONTRACT TYPE:** Cost Plus Incentive Fee/Fixed Price Incentive
- **ESTIMATED VALUE:** \$14 to \$30 Million
- **KEY MILESTONES:** RFP release, 4QFY00, Contract Award 1QFY01
- **TECHNICAL CONTACT:** Mr. Jerry Edwards, Office of the Product Manager, Physical Security Equipment, (703) 704-2412
- **ACQUISITION CONTACT:** Mr. Richard Sturgis - (703) 325-6068

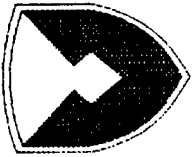




Integrated Commercial Intrusion Detection System - III (ICIDS-III)

- Consists of a family of commercially available reliable, state of the art, standardized, intrusion detection equipment using open systems architecture
- System includes interior and exterior sensors, closed circuit television, and entry control equipment
- Provides early warning of compromise or attempted compromise of a protected area
- Replaced aging and obsolete equipment and upgrades installation security to required levels without an increase in manpower
- Provides annunciator which integrates existing IDS and provides Contractor Logistics Support for existing ICIDS installations





Integrated Commercial Intrusion Detection System - III (ICIDS-III)

- **OBJECTIVE:** Continue Production and Fielding of ICIDS to replace aging and obsolete IDS equipment
- **CONTRACT TYPE:** Indefinite Delivery, Indefinite Quantity ID/IQ
- **ESTIMATED VALUE:** \$60-\$65M
- **KEY MILESTONES:** RFP release, 4QFY01, Contract Award, 3QFY02
- **TECHNICAL CONTACT:** Mr. Thomas C. Endler, Office of the Product Manager, Physical Security Equipment (703) 704-2413
- **ACQUISITION CONTACT:** Mr. Richard Sturgis - (703) 325-6068



NOTES

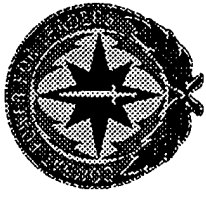
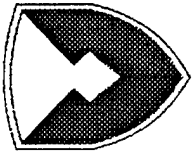
LAWRENCE A. SMITH
DEPUTY DIRECTOR, PLANNING, ANALYSIS AND INTEGRATION

Lawrence A. Smith was born in Dunkirk, New York on May 5, 1953. He received a bachelor of business administration degree from Ohio University, Athens, Ohio in June 1975.

He is currently serving as Deputy Director, Planning Analysis and Integration (PA&I). His responsibilities include: managing overall staff coordination for Command-wide management matters, strategic long-range planning, command mission resource planning, systems analysis support, staff direction of operational issues crossing organizational boundaries, program management of the DoD (less Air Force) MITRE contract support and operation of the Emergency Operations Center.

Prior to his current responsibilities, Mr. Smith served in a number of management analyst positions dealing with Commercial Activities and organization structure issues within the Command until his selection as the Deputy Director, Program Analysis and Evaluation (an antecedent of PA&I) in February 1991.

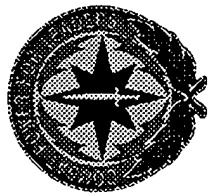
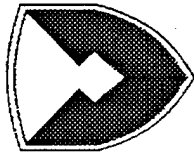
Mr. Smith is a member of the American Society of Military Comptrollers and the Association of the U.S. Army. A graduate of the Army Management Staff College in 1990, Mr. Smith has received the Superior Civilian Service Award, Commander's Award for Civilian Service and the Achievement Medal for Civilian Service and was selected the CECOM Civilian Employee of the Year in 1989.



BUSINESS SUPPORT AND BASE SUPPORT CONTRACT OPPORTUNITIES

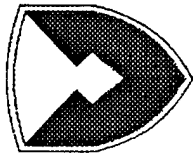
**MR. LAWRENCE A. SMITH
DEPUTY DIRECTOR, PLANNING,
ANALYSIS AND INTEGRATION**

CECOM Bottom Line: The Soldier

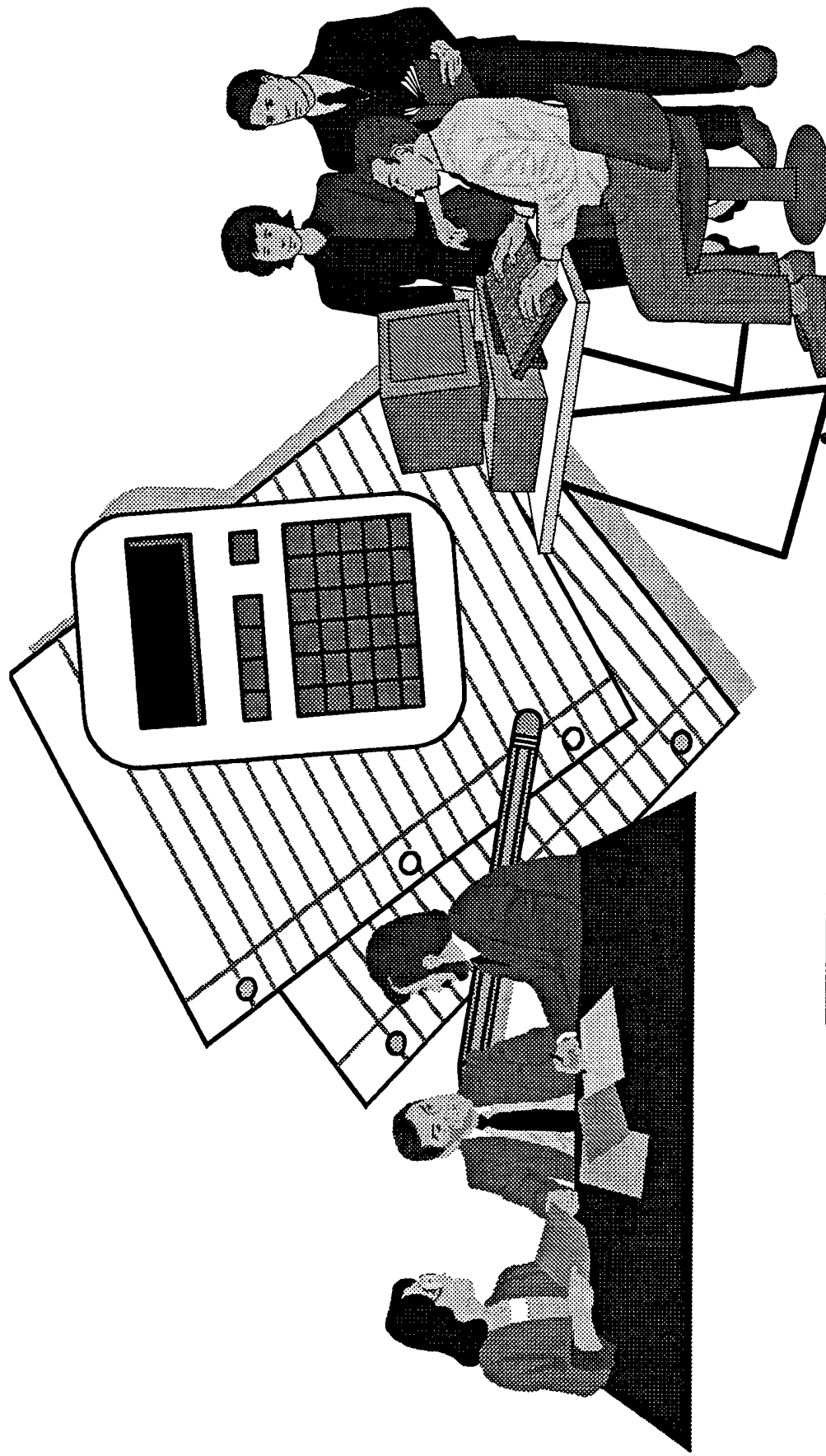


BUSINESS FUNCTIONAL AREA SUPPORT SERVICES OMNIBUS CONTRACT

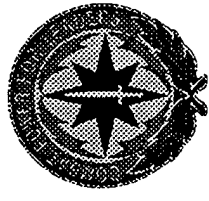
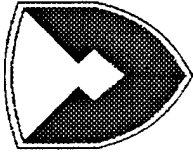
CECOM Bottom Line: The Soldier



BUSINESS FUNCTIONAL AREA SUPPORT SERVICES



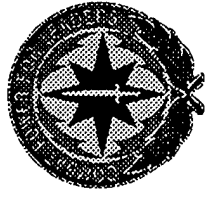
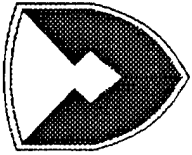
CECOM Bottom Line: The Soldier



BUSINESS FUNCTIONAL AREA SUPPORT SERVICES

- **PERFORM STUDIES/ANALYSES, PREPARE SUPPORTING DOCUMENTATION AND PROVIDE ADVICE ON CURRENT AND FUTURE INFO TECH, WEAPON SYSTEMS AND BUSINESS PRACTICES**
- **SKILLS AREAS: COST, FINANCIAL, PROGRAM, MANAGEMENT, BUDGET AND SYSTEMS ANALYSIS**
- **LOCATIONS: FT MONMOUTH, NORTHERN VIRGINIA, FT HUACHUCA, TOBYHANNA ARMY DEPOT**
- **CUSTOMERS: TEAM C4IEWS**

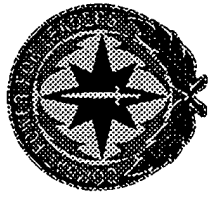
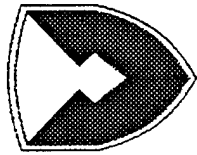
CECOM Bottom Line: The Soldier



BUSINESS FUNCTIONAL AREA SUPPORT SERVICES

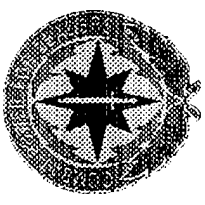
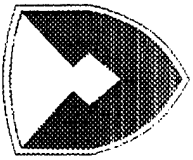
- **OBJECTIVE: PROVIDE ANALYTICAL SUPPORT TO TECHNICAL, ACQUISITION & BUSINESS MANAGERS WITHIN TEAM C4IEWS**
- **CONTRACT TYPE: IDIQ, T&M (SBSA, BEST VALUE, MULTIPLE AWARDS)**
- **ESTIMATED VALUE: \$70-75 MILLION**
- **KEY MILESTONES: RFP ON BOP: 30 MAY, PROPOSALS DUE: 30 JUN, AWARD: 15 SEP**
- **TECHNICAL CONTACT: G. GUATTARE, (732) 532-3633**
- **ACQUISITION CONTACT: P. DUERINCK, (732) 532-1125**

CECOM Bottom Line: The Soldier



COMMERCIAL ACTIVITIES STUDIES

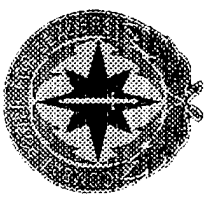
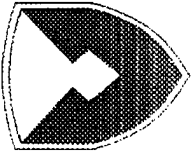
CECOM Bottom Line: The Soldier



TYAD BASOPS CA STUDY

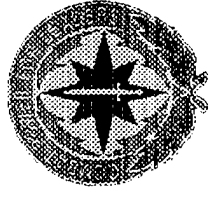
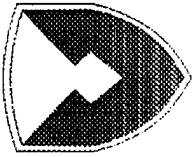
- **PLACE OF PERFORMANCE**
 - **TOBYHANNA ARMY DEPOT, PA**
- **FUNCTIONS UNDER STUDY**
 - **PUBLIC WORKS**
 - **COMMUNITY SERVICES**
 - **INFORMATION TECHNOLOGY**

CECOM Bottom Line: The Soldier



TYAD BASOPS CA STUDY

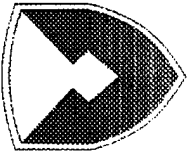
- **OBJECTIVE: COMPETE BASE OPERATIONS FUNCTIONS CURRENTLY PERFORMED BY A GOVERNMENT WORKFORCE TO OBTAIN INCREASED EFFICIENCIES.**
- **CONTRACT TYPE: TBD**
- **ESTIMATED VALUE: TBD**
- **KEY MILESTONES: SOLICITATION, SEP 99; INITIAL DECISION, JAN 00; FINAL DECISION, MAR 00**
- **ACQUISITION CONTACT: JO-ANN LEE (732) 532-1889**



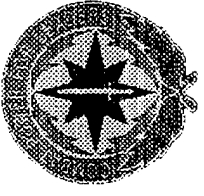
FMG BASOPS CA STUDY

- PLACE OF PERFORMANCE
 - FORT MONMOUTH, NJ
- FUNCTIONS UNDER STUDY
 - CATALOGING
 - ARCHITECT ENGINEERING
 - ENGINEERING & TECHNICAL SERVICES

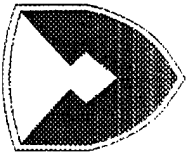
CECOM Bottom Line: The Soldier



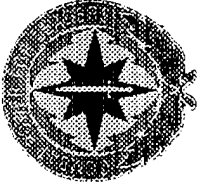
FMG BASOPS CA STUDY



- **OBJECTIVE: COMPETE BASE OPERATIONS FUNCTIONS CURRENTLY PERFORMED BY A GOVERNMENT WORKFORCE TO OBTAIN INCREASED EFFICIENCIES.**
- **CONTRACT TYPE: TBD**
- **ESTIMATED VALUE: TBD**
- **KEY MILESTONES: SOLICITATION, DEC 99; INITIAL DECISION, MAY 00; FINAL DECISION, JUL 00**
- **ACQUISITION CONTACT: WILLIAM NEWELL
(732) 532-4803**

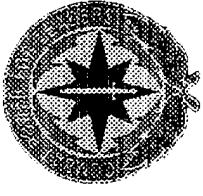
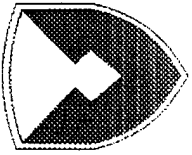


INFORMATION MISSION AREA (IMA) CA STUDY



- **PLACE OF PERFORMANCE**
 - **FORT MONMOUTH, NJ**
- **FUNCTIONS UNDER STUDY**
 - **AUDIO VISUAL & VISUAL INFORMATION SERVICES**
 - **ADMINISTRATIVE TELEPHONE SERVICE**
 - **TELECOMMUNICATION CENTERS**
 - **SYSTEMS ENGRG & INSTALL OF COMM SYSTEMS**
 - **ADMINISTRATIVE SUPPORT SERVICES**
 - **DATA PROCESSING SERVICES**
 - **MAINTENANCE OF ADP EQUIPMENT**
 - **SYSTEMS DESIGN, DEVELOPMENT & PROGRAM SERVICES**

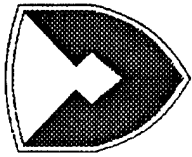
CECOM Bottom Line: The Soldier



INFORMATION MISSION AREA (IMA) CA STUDY

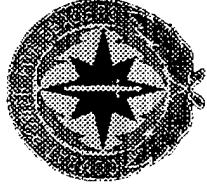
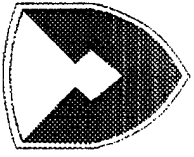
- **OBJECTIVE: COMPETE IMA FUNCTIONS CURRENTLY PERFORMED BY A GOVERNMENT AND CONTRACTOR WORKFORCE TO OBTAIN INCREASED EFFICIENCIES.**
- **CONTRACT TYPE: TBD**
- **ESTIMATED VALUE: TBD**
- **KEY MILESTONES: SOLICITATION, DEC 99; INITIAL DECISION, MAY 00; FINAL DECISION, JUL 00**
- **ACQUISITION CONTACT: KAREN CONTI (732) 532-1984**

CECOM Bottom Line: The Soldier



BASE OPERATIONS SERVICES CONTRACT SOLICITATION

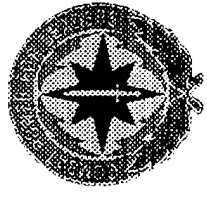
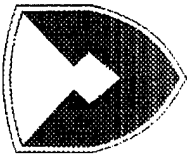
CECOM Bottom Line: The Soldier



BASE OPERATIONS SERVICES CONTRACT SOLICITATION

- **PLACE OF PERFORMANCE**
 - **FORT MONMOUTH, NJ**
- **UMBRELLA BASE SUPPORT FOR SERVICES**
- **FUNCTIONAL AREAS INCLUDED:**
 - **LOGISTICS**
 - **ENGINEERING AND HOUSING**
 - **AUDIO VISUAL**
 - **ADMINISTRATIVE SERVICES**

CECOM Bottom Line: The Soldier



BASE OPERATIONS SERVICES CONTRACT SOLICITATION

- **OBJECTIVE: TO ACQUIRE CONTRACT SUPPORT TO PERFORM A WIDE VARIETY OF BASE OPERATIONS SERVICES FOR FORT MONMOUTH**
- **CONTRACT TYPE: HYBRID, FIRM FIXED PRICE / CPAF, ONE YEAR PLUS FOUR ONE-YEAR OPTIONS**
- **ESTIMATED VALUE: \$120-130M**
- **KEY MILESTONES:**
 - **ISSUE SOLICITATION - 1ST QTR FY00**
 - **CONTRACT AWARD - 4TH QTR FY00**
 - **PERFORMANCE START - 1ST QTR FY01**
- **TECHNICAL CONTACT: JEFFREY ZEICHNER, (732) 532-9485**
- **ACQUISITION CONTACT: MICHELINA LA FORGIA (732) 532-4775**

CECOM Bottom Line: The Soldier

NOTES

**SYMPOSIUM
PARTICIPANTS**

LTG JAMES M. LINK
HQ, US Army Materiel Command
5001 Eisenhower Avenue
Alexandria, Virginia 22333-0001
(703) 617-9705
Email: jlink@hqamc.army.mil

MG ROBERT L. NABORS
HQ, US Army Communications-Electronics Command
AMSEL-CG
Fort Monmouth, New Jersey 07703
(732) 532-1515
Email: amselcg@mail1.monmouth.army.mil

MR. EDWARD G. ELGART
HQ, US Army Communications-Electronics Command
AMSEL-AC
Fort Monmouth, New Jersey 07703
(732) 532-5601
Email: elgart@mail1.monmouth.army.mil

MR. EDWARD T. BAIR
PEO, Intelligence and Electronic Warfare
SFAE-IEW&S-D
Fort Monmouth, New Jersey 07703
(732) 532-0179
Email: bair@mail1.monmouth.army.mil

MR. ANTHONY A. LaPLACA
HQ, US Army Communications-Electronics Command
AMSEL-LC
Fort Monmouth, New Jersey 07703
(732) 532-5757
Email: laplaca@mail1.monmouth.army.mil

MR. ROBERT R. LEHNES
PEO, Command, Control and Communications Systems
SFAE-C3S-CM
Fort Monmouth, New Jersey 07703
(732) 427-4148
Email: rlehnes@c3smail.monmouth.army.mil

MR. DAVID W. KEETLEY
HQ, US Army Communications-Electronics Command
AMSEL-RD-ST-D
Fort Monmouth, New Jersey 07703
(732) 427-4449
Email: keetley@mail1.monmouth.army.mil

MR. DENNIS J. TURNER
HQ, US Army Communications-Electronics Command
AMSEL-SE-D
Fort Monmouth, New Jersey 07703
(732) 532-8207
Email: turnerd@mail1.monmouth.army.mil

COL SCIPIO De KANTER
PEO, Standard Army Management Information Systems
SFAE-PS
Fort Belvoir, Virginia 22060-5526
(703) 806-4200
Email: dekanter@peostamis.belvoir.army.mil

DR. FRANK D. JENIA
Information Systems Engineering Command
AMSEL-IE-CO
Fort Huachuca, Arizona 85613-5300
(520) 538-6626
Email: jeniaf@emh1.hqisec.army.mil

MR. MICHAEL ALBARELLI
HQ, US Army Communications-Electronics Command
AMSEL-DSA-DD
Fort Monmouth, New Jersey 07703
(732) 532-7960
Email: albarelm@mail1.monmouth.army.mil

MR. LAWRENCE A. SMITH
HQ, US Army Communications-Electronics Command
AMSEL-PE
Fort Monmouth, New Jersey 07703
(732) 532-4250
Email: smithla@mail1.monmouth.army.mil