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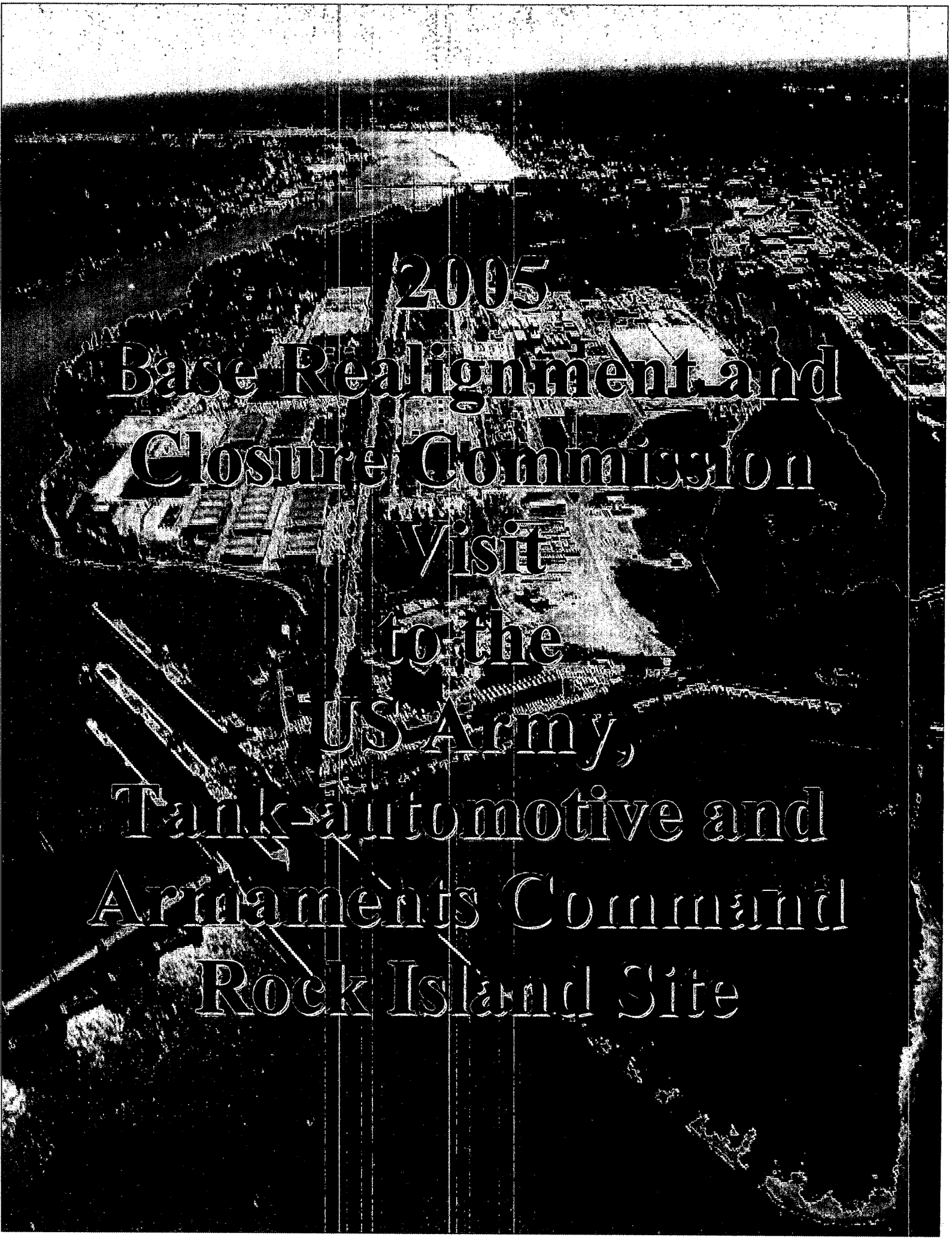


2005 Base Realignment and Closure Commission Visit to the US Army Tank-automotive and Armaments Command Rock Island Site

2005
Base Realignment and Closure Commission
Visit
to the
US Army, Tank-Automotive and Armaments
Command Rock Island Site

Visit Book

US Army, Tank-Automotive and Armaments Command Rock Island Site

POCs:

Mr. Frederick Smith
Site Director
Deputy Director, Ground Systems Industrial Enterprise
COMM: (309) 782-3560

Mr. Jerry Jackson
Director, Operations and Business Management
Integrated Logistics Support Center
COMM: (309) 782-4569

Mr. Darryl Blackburn
Associate Director, Logistics Integration Directorate
Integrated Logistics Support Center
COMM: (309) 782-4882

Ms. Lynn DeRoche
Director, Rock Island Site Acquisition Center
COMM: (309) 782-3223

Ms. Luci Nickels
Base Realignment and Closure Action Officer
TACOM-RI / Integrated Logistics Support Center
COMM: (309) 782-3298

YOUR QUESTIONS

① Manpower A's -

QUESTIONS FOR ROCK ISLAND ARSENAL 6/1/05 VISIT

1. The Headquarters recommendation moves the functions of TACOM personnel located in Rock Island to be located with the parent TACOM in Detroit.
    a. What are the functions that these personnel perform, and what is the efficiency that will be gained through collocation?

2. The Joint Cross Service Group Industrial recommendation states: "Realign Rock Island Arsenal, IL, by relocating the depot maintenance of Combat Vehicles and Other to Anniston Army Depot, AL, and the depot maintenance of Other Equipment and Tactical Vehicles to Letterkenny Army Depot, PA."
    a. What are the specific depot maintenance programs that you are currently performing?
    b. Where do the requirements come from and how is the work funded?
    c. Do you have any comments on the workload data as presented in COBRA?

3. There is a Depot Level Reparable Procurement Management Consolidation Recommendation that states: " Realign Rock Island Arsenal, IL, as follows: relocate the Budget/Funding, Contracting, Cataloging, Requisition Processing, Customer Services, Item Management, Stock Control, Weapon System Secondary Item Support, Requirements Determination, Integrated Materiel Management Technical Support Inventory Control Point functions for Consumable Items to Defense Supply Center Columbus, OH, and reestablish them as Defense Logistics Agency Inventory Control Point functions; relocate the procurement management and related support functions for Depot Level Reparables to Detroit Arsenal, MI, and designate them as Defense Supply Center Columbus, OH, Inventory Control Point functions; and relocate the remaining integrated materiel management, user, and related support functions to Detroit Arsenal, MI."
    a. How are these functions currently performed?
    b. Can you please articulate the efficiencies which will be gained through this movement?

4. With the recommendation to close Riverbank Army Ammunition Plant, Rock Island Arsenal will gain the artillery cartridge case metal parts functions.
    a. Can you discuss where this workload will be done and how the new function will be integrated into other missions.
    b. Are the facilitization numbers correct as described in COBRA?

5. With the recommendation to close Mississippi Army Ammunition Plant, Rock Island Arsenal will gain the 155mm ICV artillery metal parts functions.
    a. Can you discuss where this workload will be done and how the new function will be integrated into other missions.
    b. Are the facilitization numbers correct as described in COBRA?

INFORMATION PAPERS

INFORMATION PAPER

SUBJECT: BRAC Commission Staff Questions for Rock Island Arsenal 6/1/05 Visit

Question. The Headquarters recommendation moves the functions of TACOM personnel located in Rock Island to be located with the parent TACOM in Detroit.

What are the functions that these personnel perform and what is the efficiency that will be gained through collocation?

Answer.

a. TACOM personnel at Rock Island perform the full range of life cycle Integrated Logistics Support (ILS) and sustainment functions in support of weapons and chemical defensive systems. Specific functions are: supply and maintenance management, contracting, transportation, fielding and training, weapons systems management and transformation management. Many of the weapon system support functions require specific commodity unique technical knowledge.

b. TACOM's Rock Island site elements operate as part of a virtual, integrated Life Cycle Management organization. As this organization has matured over the last decade duplicate functions have been consolidated and organization leads assigned. The savings that could be expected from collocating two stand alone organizations have already been achieved. Realigning Rock Island site elements now will not yield significant cost savings through physical collocation with the Warren offices. The vision of the organization has long been to become "One Team" regardless of geographic and cultural differences. Daily use of video conferencing and other electronic communication has allowed us to master operating in a virtual environment.

c. The primary example of this virtual synchronization is clearly apparent in the Integrated Logistic Support Center (ILSC). The majority of TACOM's RI-site employees are part of the ILSC. Within this business center, Product Support Integration Directorates (PSIDs) provide the full range of logistics and sustainment functions in support of specific commodities, such as Small Arms, Tools and Equipment, and Field Artillery. Realignment of these organizations to Warren would not generate any savings and would not provide collocation with their RDT&E element (ARDEC). Two of our Product Support Integration Directorates, Heavy and Light Combat are geographically dispersed today but leadership is provided from a single site. Heavy Combat is lead from Warren with its armament group located in Rock Island and the Light Combat is lead from Rock Island with its mobility group in Warren. This provides the customer a single touch point for the complete weapon system while taking advantage of the unique capabilities of each site. The groups manage specific portions of the weapons systems and collocation would not yield resource savings. There is also minimal synergy to be gained by collocation with the Program Executive Office (PEO) elements at Detroit

INFORMATION PAPER

SUBJECT: BRAC Commission Staff Questions for Rock Island Arsenal 6/1/05 Visit

Questions. Inventory Control Functions (ICFs) for Consumable Items and Depot Level Reparables (DLRs) "How are these functions currently performed?".

Answer.

a. The ICFs for both Consumable Items and DLRs are currently performed through the use of Weapon System oriented Integrated Product Teams (IPTs).

b. These weapon system oriented IPTs consist of co-located supply, maintenance, engineering, contracting, and logistics management experts provide an integrated approach to weapon system life cycle management. The IPTs bring together the logistic disciplines required to ensure all aspects of logistics support are worked in concert, with each function, aware of what the others are doing to support a system. This results in true integrated logistics support of the system for the war fighter.

c. The IPTs are staffed with co-located functional experts to include Weapon System Managers, Item Managers, Equipment Specialists, Maintenance Engineers, Contract Specialists, Technical Writers, Logistics Management Specialists, and Provisioners. The IPTs draw ad hoc functional expertise from Engineering, Quality Assurance, Logistics Systems, Financial Management, Total Package Fielding, Safety, and New Equipment Training.

d. Total life cycle logistics support to weapon systems is affected through these IPTs. The IPT provides the logistics support planning during system development, as well as support to fieldings, sustainment, and disposal.

e. Advantages:

Eliminates "stovepipe" management structures for each functional area.

Eliminates "stovepipe" decisions affecting logistic support of the system.

Provides a single point of entry for the war fighter on all logistics issues affecting a weapon system.

Commodity orientation allowing like type systems to benefit from combining and sharing logistics requirements, thereby reducing costs and improving total Army integrated support.

It is more responsive to changing requirements of the war fighter.

POINT PAPER

AMSTA-AQ-AR 31 May 2005

SUBJECT: 2005 BRAC Commission Visit to the Tank-automative and Armaments Command, Rock Island, IL

PURPOSE: To provide information regarding Acquisition Center functions in response to staff questions

FACTS:

O The Tank-automotive and Armaments Command Acquisition Center is a multi-site business center with major elements at Picatinny Arsenal, NJ, Rock Island, IL and Warren, MI. Its mission is to provide comprehensive acquisition, contracting, business advisory, and industrial base services in acquiring, fielding, and sustaining the commodities managed by our customers.

O The major commodities for TACOM-RI include small arms, chemical defensive equipment, combat vehicle armament and fire control systems, field artillery, tools, and live-fire training systems. The TACOM-RI Acquisition Center mission falls into three major categories:

Oo Sustainment contracting for the commodities managed by the Integrated Logistics Support Center at TACOM-RI. This includes the procurement of consumable and reparable items as well as contracting for commercial repair and other logistics services. Contracting personnel are collocated and integrated with their respective logistics commodity managers.

Oo Contracts for production, fielding, and contractor logistic support of items managed by Program Executive Officers and Project/Product Managers, where logistic support is provided to those customers by the TACOM-RI Integrated Logistic Support Center. These functions are integrated with the sustainment contracting for like commodities.

Oo Installation service contracts supporting the Rock Island Arsenal Installation Management (Garrison) mission, and raw materials, parts and services supporting manufacturing activity at the Rock Island Arsenal Joint Manufacturing and Technology Center. (This mission exists since 2004 when Rock Island Arsenal Installation and Manufacturing aligned with TACOM.)

O The contracting mission of the Acquisition Center currently located at Rock Island will be realigned three ways:

Oo Contracting support for Consumable Items will be realigned and located at Columbus, OH as part of the Defense Supply Center.

Oo Contracting support for Depot Level Reparables will be realigned with the Defense Supply Center Columbus, OH Inventory Control Point, but located at Detroit Arsenal, MI.

Oo Contracting support for other functions will be realigned with the parent organization, the Tank-automotive and Armaments Command, at Detroit Arsenal, MI.

O Contracting functions of Rock Island Acquisition Center include both direct contract execution activities such as planning, solicitation, cost and price analysis, negotiation, award, contract administration, production surveillance, and contract closeout; and support functions which include policy and automation support.

O It is estimated that efficiencies due to co-location will be minimal due to the fact that the three major components of the Tank-automotive and Armaments Command Acquisition Center have operated as a single business center in a virtual mode since the late 1990's due to downsizing.

Director, Integrated Logistics Support Center (ILSC)

James C. Dwyer, Acting

DSN 786-6090 - AMSTA-LC

One Team Committed to Soldiers

ILSC INTEGRATED LOGISTICS SUPPORT CENTER

Director, Operations & Business Mgmt, ILSC

Jerry Jackson
AMSTA-LC
DSN 793-4569

- **Aircraft Armt & Small Arms PSID (R)** — Bruce Stout — DSN 793-0677 — LC-CS
- **Business Mgmt Dir (R,W,N,P)** — Susie Clay (Acting) — DSN 793-0891 — LC-BA
- **Field Arty & Mortars PSID (R&W)** — Doyle Reynolds — DSN 793-2081 — LC-CF
- **Light Combat PSID (R&W)** — Pat Smith — DSN 793-4448 — LC-CL
- **Non-Army Managed Items PSID (R)** — Mark Merches — DSN 793-4800 — LC-CN
- **Tools & Trng Sys PSID (R)** — Wayne Schaaf — DSN 793-4765 — LC-CT
- **Strategic Planning Team (R)** — Jim Seward — DSN 793-0099 — LC-BPS

Director, Operations & Security Asst, ILSC

Agnes Holley-Smith (Acting) - AMSTA-LC
DSN 786-7662

- **Heavy Combat PSID (W&R)** — Alvin McGill (Acting) — DSN 786-6250 — LC-CA
- **Security Assistance Mgmt Dir (W&R)** — Bert Liptak — DSN 786-6585 — LC-T
- **Deployment Equip PSID (W,B,C,E)** — Janet Bean (Acting) — DSN 786-6165 — LC-CJ
- **Tactical Vehicle PSID (W)** — Cesare Gaglio — DSN 786-7097 — LC-CH
- **Unit of Action / FCS PSID (R&W)** — Vern Vondera — DSN 793-1690 — LC-CU

Director, Logistics Integration, ILSC

Director: David Carter
AMSTA-LC-L DSN 786-6643
Assoc. Dir: Darryl Blackburn
AMSTA-LC-L DSN 793-4882

- **Logistics Ent & Policy Dir (R,W,N)** — Frank Rogers (Acting) — DSN 793-4024 — LC-LE
- **Materiel Fielding & Training Dir (R&W)** — Joel Suhr — DSN 793-0765 — LC-LF
- **Ground Systems Mat'l Mgmt Ofc (R&K)** — Richard Adan (Acting) — DSN 793-1794 — LC-LD
- **Joint Depot Maint Activity Group (O)** — Thomas Chandler — DSN 986-2741 — LC-CM
- **AWCF Mgmt Ofc (W,R,N)** — Ken Kish — DSN 786-6825 — LC-LA
- **Maint Integ & ILS Dir (W&R)** — Larry Spigner — DSN 786-6146 — LC-LM
- **RESET Integration Dir (W,R,N)** — Tim Conroy — DSN 786-6275 — LC-LR

Director, Soldier, Bio, Chem Operations, ILSC

Mike Ahearn
AMSTA-LC
DSN 256-5525

- **Chem/Bio Defense PSID (R)** — Ray Muskeyvalley — DSN 793-2357 — LC-CB
- **Clothing/Heraldry PSID (P)** — Greg Schech — DSN 444-2500 — LC-CP
- **Soldier PSID (N & F)** — Glenda Gillham — DSN 256-6030 — LC-CE

Director, Readiness Integration

COL David Vergollo
AMSTA-LC-R DSN 786-7464
Assoc. Dir: Bill Powell
AMSTA-LC-R DSN 786-7321

- **Logistics Asst Division (R,W,N)** — Elmar Cotti — DSN 793-6360 — LC-RF
- **Operational Unit RD Asst Group (W,R,N)** — Dave Wells (Acting) — DSN 786-7498 — LC-RU
- **Strategic Analysis & Operations (W)** — Virgil Lambert — DSN 786-8652 — LC-RS
- **TACOM Operations Center (W,R,N)** — Virgil Lambert — DSN 786-8652 — LC-RO

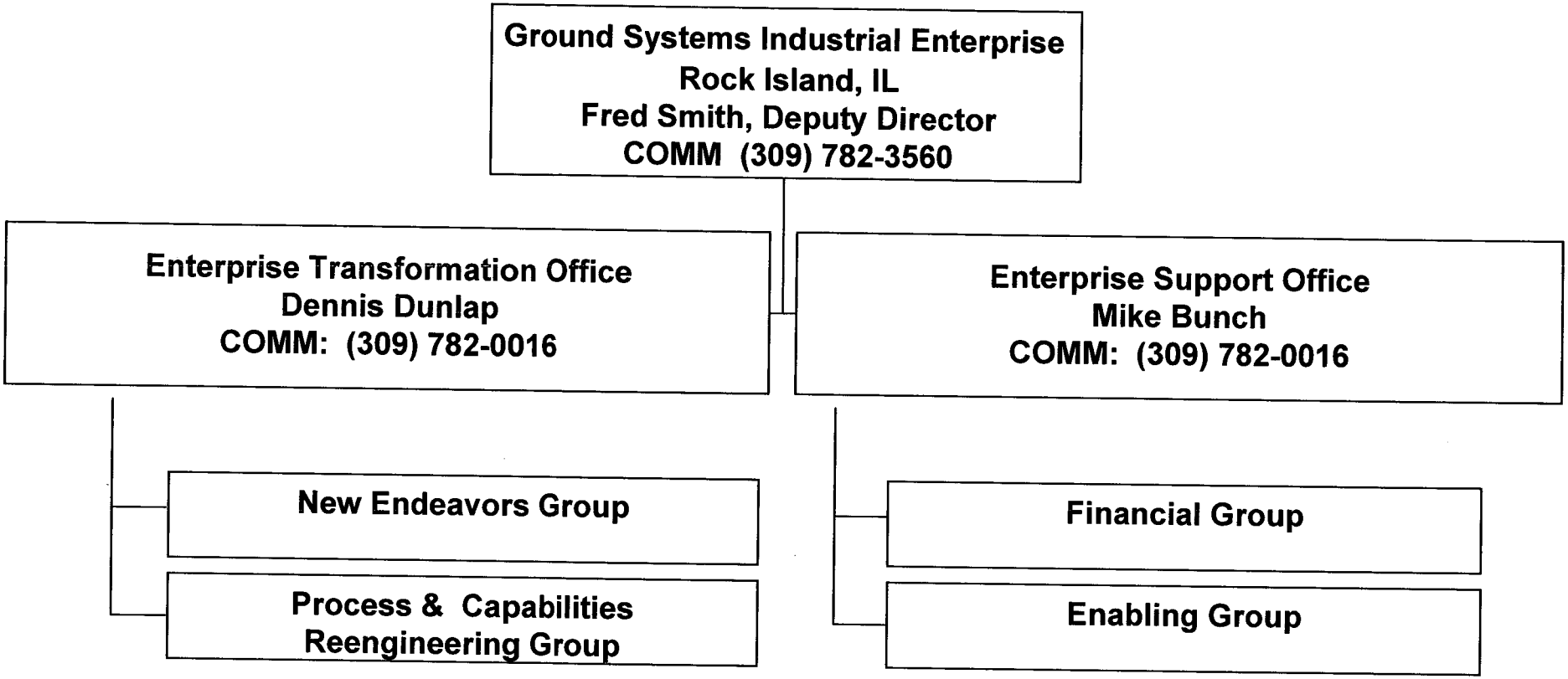
NOTES:

1. PSID = Product Support Integration Directorate
2. BMD, LID and Strategic Planning provide cross-site support to all ILSC elements.
3. Organizational locations are identified on the second line of the organizational name as follows:

W = Warren, MI — N = Natick, MA
R = Rock Island, IL — P = Philadelphia, PA
O = Wright-Pat AFB, OH — K = Ft. Knox, KY
B = Ft. Belvoir, VA — E = Rt. Eustis, VA
C = New Cumberland AD, PA — F = Ft. Bragg, NC

ONE TEAM - Committed to Soldiers!

Ground Systems Industrial Enterprise



TACOM ACQUISITION CONTACTS AND PHONE NUMBERS

LYNN DEROCHE (309)782-3223
EXECUTIVE FOR CONTRACTING

KEVIN S. SOMMER (309)782-2706
CHEM/BIOLOGICAL DEFENSE CONTRACTING GROUP

SUZANNE C. YACKLEY (309)782-1466
INSTALLATION/MANUFACTURING CONTACTING GROUP

REBECCA HORST (309)782-7252
PROCESS MANAGEMENT GROUP

HOWARD LEWIS (309)782-3506
PRICING & PRODUCTION GROUP

DAVE ELLIOTT (309)782-3814
HEAVY/LIGHT COMBAT CONTRACTING GROUP

SALLY MCGLONE (309)782-4524
ARTILLERY AND MORTARS CONTRACTING GROUP

KRISTAN MENDOZA (309)782-1258
AIRCRAFT ARMAMENT/SMALL ARMS CONTRACTING GROUP

MARGARET ROWE (309)782-5521
TOOLS AND TRAINING SYSTEMS CONTRACTING GROUP

SALLY HUSSON TURKE (309)782-3798
SUSTAINMENT CONTRACTING

COMMISSIONER BRIEFING


Tank-automotive & Armaments COMmand
Mr. Samuel K. Skinner
Member
2005 Base Realignment
and Closure
Commission
1 June 2005

Purpose of the Briefing

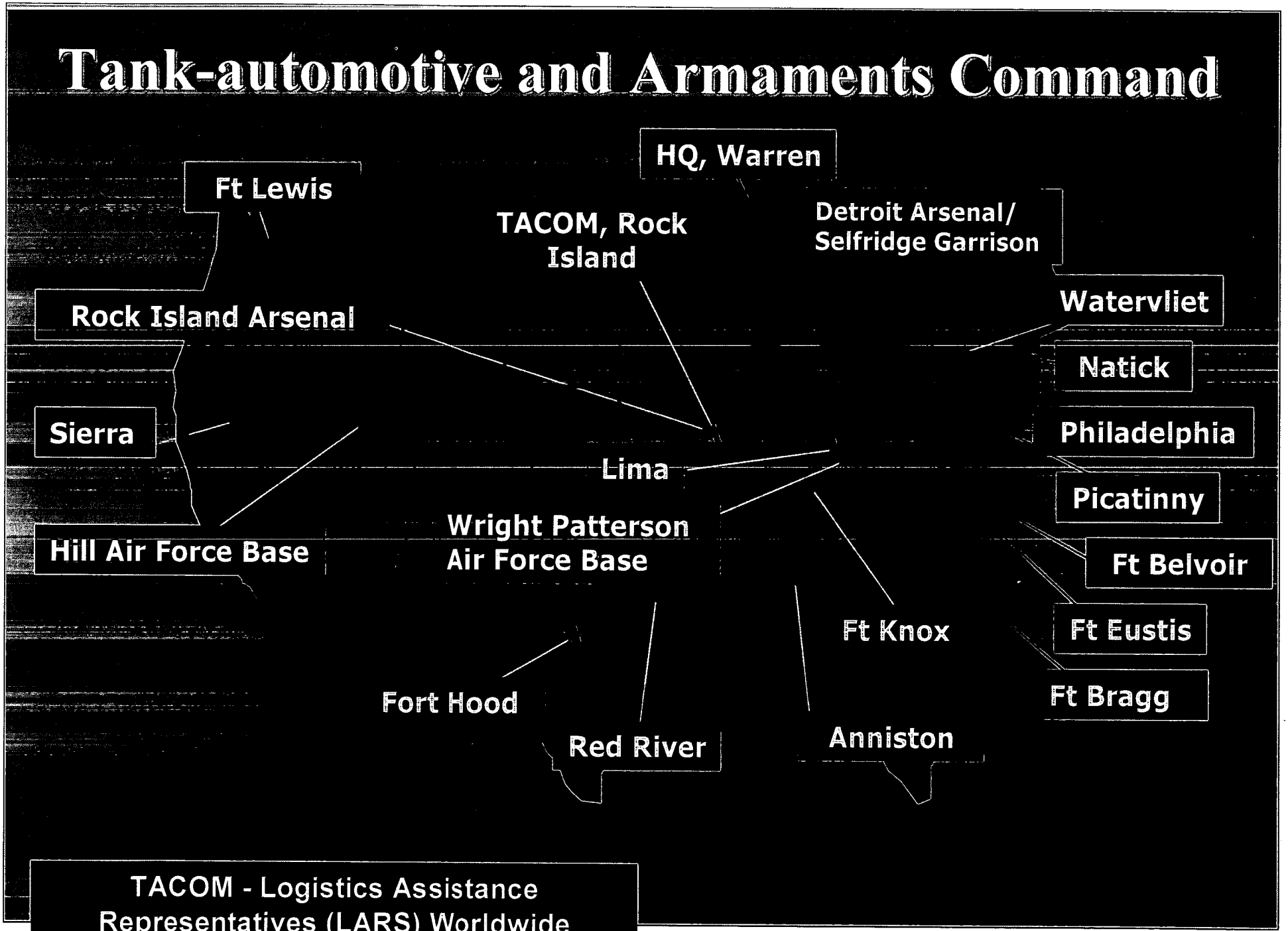
- . . . become "better informed about what each base's real-world situation looks like, and familiarize themselves with the key issues likely to be discussed at the regional hearing".*
  - Discuss the recommendations.
  - Present the impacts.
  - Identify the issues.

* Chairman Principi, Press Release, 19 May 2005

Outline

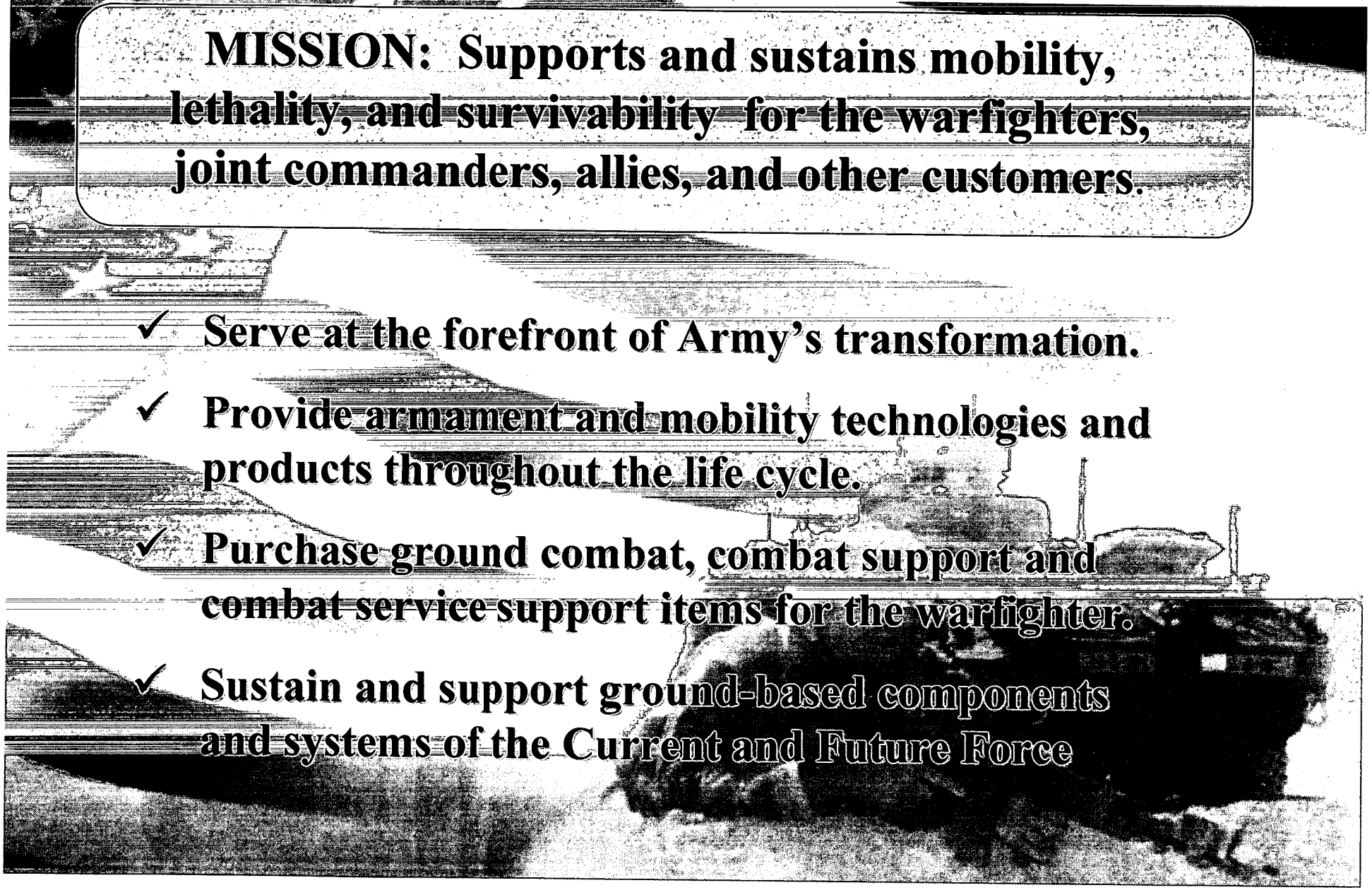
- U. S. Army Tank-automotive and Armaments Command Overview
- U. S. Army Tank-automotive and Armaments Command - Rock Island Overview
- Previous Base Realignment and Closure Actions
- 2005 Base Realignment and Closure Criteria
- Base Closure and Realignment Recommendations
- Impacts
- Potential Community Issues
- Summary

Tank-automotive and Armaments Command



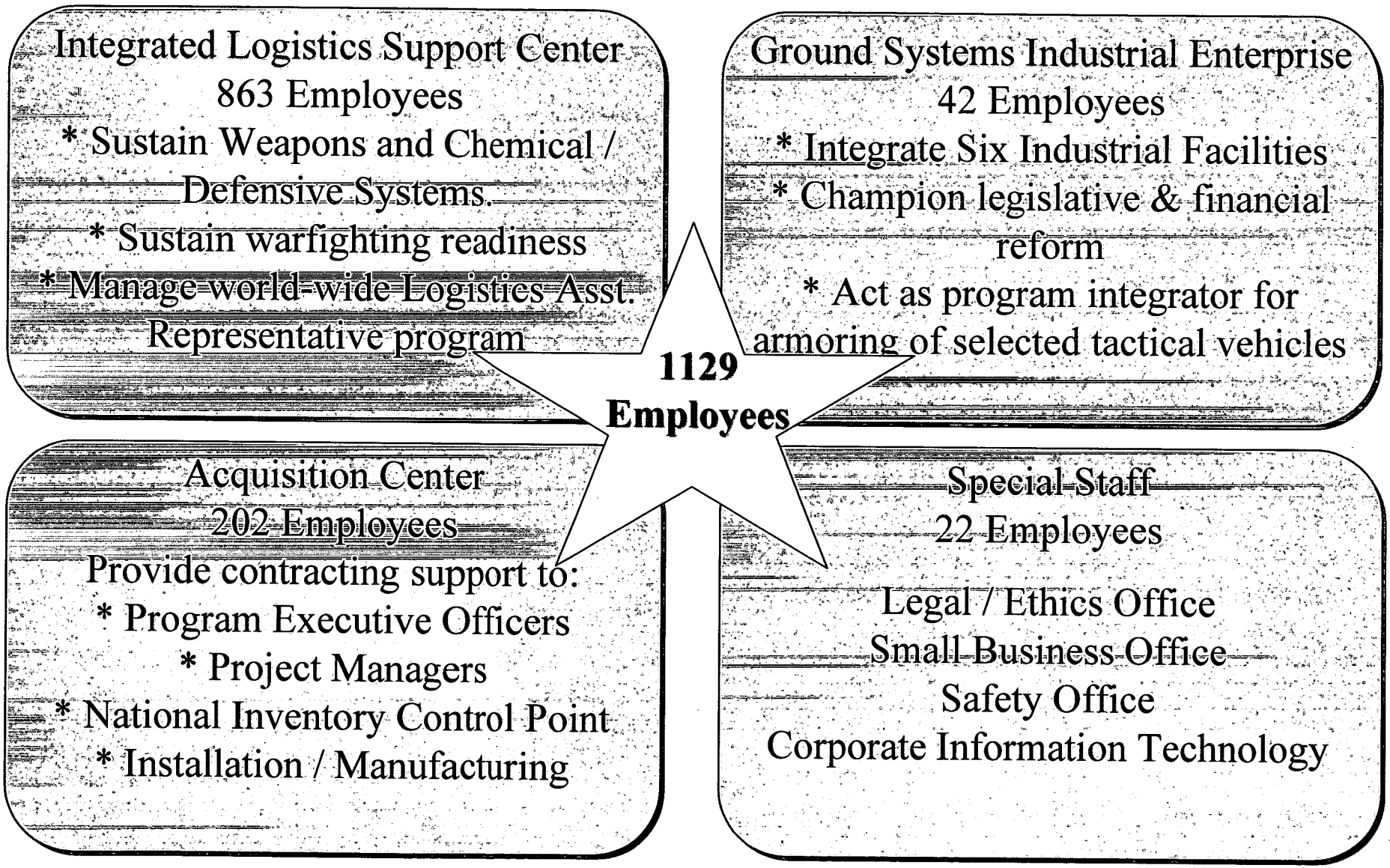
Command Philosophy / Mission

MISSION: Supports and sustains mobility, lethality, and survivability for the warfighters, joint commanders, allies, and other customers.



- ✓ **Serve at the forefront of Army's transformation.**
- ✓ **Provide armament and mobility technologies and products throughout the life cycle.**
- ✓ **Purchase ground combat, combat support and combat service support items for the warfighter.**
- ✓ **Sustain and support ground-based components and systems of the Current and Future Force**

U. S. Army Tank-automotive and Armaments Command – Rock Island



U. S. Army Tank-automotive and Armaments Command – Rock Island

Provides Integration of:

- ➔Supply Management
- ➔Maintenance
- ➔Contracting
- ➔Transportation
- ➔Fielding and Training
- ➔Weapons Systems Management
- ➔Logistics Transformation
- ➔Industrial Base

Provides Command Focus for Weapons and Chemical Defensive Equipment, Acquisition, Readiness and Logistics Power Projection.

Previous Base Realignment and Closure Actions

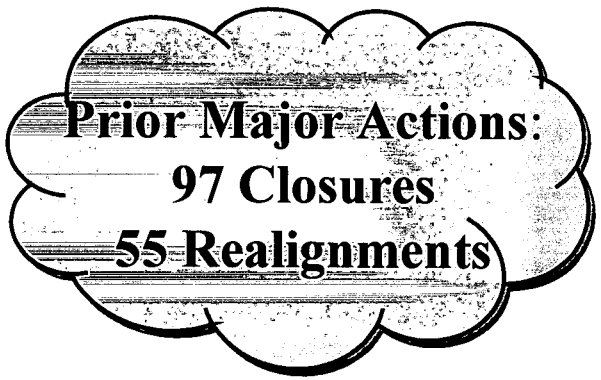
BRAC 91 - directed relocation of the armament, chemical, acquisition, and logistics mission from Rock Island to Huntsville, Alabama to form the Missile, Armaments and Chemical Command.

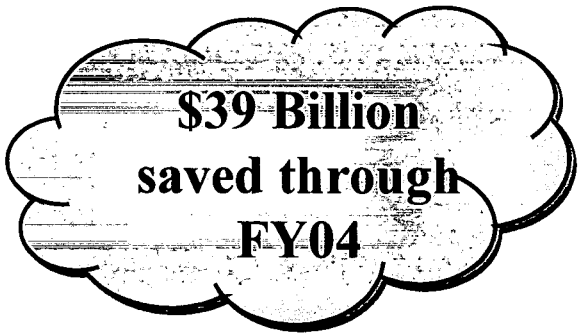
BRAC 93 - changed BRAC 91 guidance, leaving the armament, chemical, acquisition, logistics mission in place at Rock Island and realigning it as part of the Tank-automotive and Armaments Command as a beneficial and cost effective alignment for the Army.

BRAC 95 - realigned a portion of the Aviation, Troop Support Command mission and personnel to Rock Island.

Intent of BRAC 2005

"BRAC will allow the Department to reconfigure its current infrastructure to one that maximizes warfighting capability and efficiency. And it could **provide substantial savings now** -- **money that could be used** to improve the quality of life for our men and women in uniform, force protection, and investments in needed weapons systems."





Donald H. Rumsfeld, Secretary of Defense, February 17, 2005

What BRAC Will Accomplish

- **Divest itself of unnecessary installation infrastructure**
- **Use savings to improve fighting capabilities**
- Reshape its infrastructure to optimize readiness
- **Find alternative uses for current facilities**
- Establish a better match of facilities to forces
- **Make the wisest use of limited defense dollars**

*** ACCELERATE MILITARY TRANSFORMATION**
*** MAXIMIZE JOINT UTILIZATION OF BASES**
*** ELIMINATE UNNEEDED BASES**

Basis for BRAC Recommendations

Military Value – Primary Consideration

- Current and future mission capabilities.
- **Availability and condition of land, facilities and associated airspace.**
- Ability to accommodate contingency and future force requirements.
- **Cost of operations and manpower implications.**

Other Considerations Used

- **Extent and time of potential cost savings.**
- Economic impact on existing community.
- Ability of community's infrastructure to support forces, mission and personnel.
- Environmental impact.
- Joint initiatives and stationing

BRAC Recommendations

1. Relocate Inventory Control Point functions for consumable items from Rock Island, Illinois to the Defense Supply Center in Columbus, Ohio

2. Relocate procurement management and related support for depot-level reparables from Rock Island, Illinois to Detroit Arsenal in Michigan, and designate them as Defense Supply Center functions.

3. Relocate the remaining integrated materiel management, user and related functions from Rock Island, Illinois to Detroit Arsenal in Michigan.

BRAC Recommendations

- Specific on consumable items, depot level reparable items, and associated procurement support.
- Less specific on remainder of functions (…related support functions).
- Only 740 positions identified but 1,129 on-board.
- Only $5.6 million identified for construction costs at Detroit Arsenal. (?)
- No specifically identified work-year savings.

US Army, Tank-automotive and Armaments Command

BRAC Recommendation Interpretation

- All Tank-automotive and Armaments Command employees in Headquarters' organizations at the Rock Island site are included in the BRAC language.
  - Consumable item mission and associated spaces will transfer to Defense Supply Center Columbus.
  - All remaining spaces will transfer to Detroit Arsenal.
  - Benefit is synergy gained by co-location.

Impact

US Army, Tank-automotive and Armaments Command – Rock Island Site

- Moves 1,129 people to Detroit Arsenal and Defense Supply Center, Columbus.
- Majority moves to Detroit Arsenal.
- New construction required at Detroit Arsenal.
- Will vacate 173,661 square feet at Rock Island without replacement tenants.
- Loss of tenant revenue could impact factory rates.
- Breaks co-located Research Development and Engineering Command technical support
- Breaks customers from provider (83% of factory workload)
- Will require relocation and merger of Management Information Systems

Summary of Potential Community Issues

- Will not oppose all recommendations
- Will oppose the recommendation to relocate the Tank-automotive and Armaments Command – Rock Island to Detroit Arsenal
- Will attempt to show deviation from criteria
  - Military value of Rock Island Arsenal higher than Detroit Arsenal
  - Excessive relocation cost with no payback
  - Move will lead to higher recurring costs at BOTH Detroit and Rock Island Arsenals
- Will show Rock Island only Tank-automotive and Armaments Command site required to move depot-level reparable mission

Potential Community Issues

Deviation from criteria:

- ✓ **Military value**
  - Rock Island Arsenal = # 53
  - Detroit Arsenal = # 74
- ✓ **Availability and condition of land, facilities, and associated airspace**
  - Detroit Arsenal space not available
  - New construction required

Potential Community Issues

Extent and time of potential cost savings

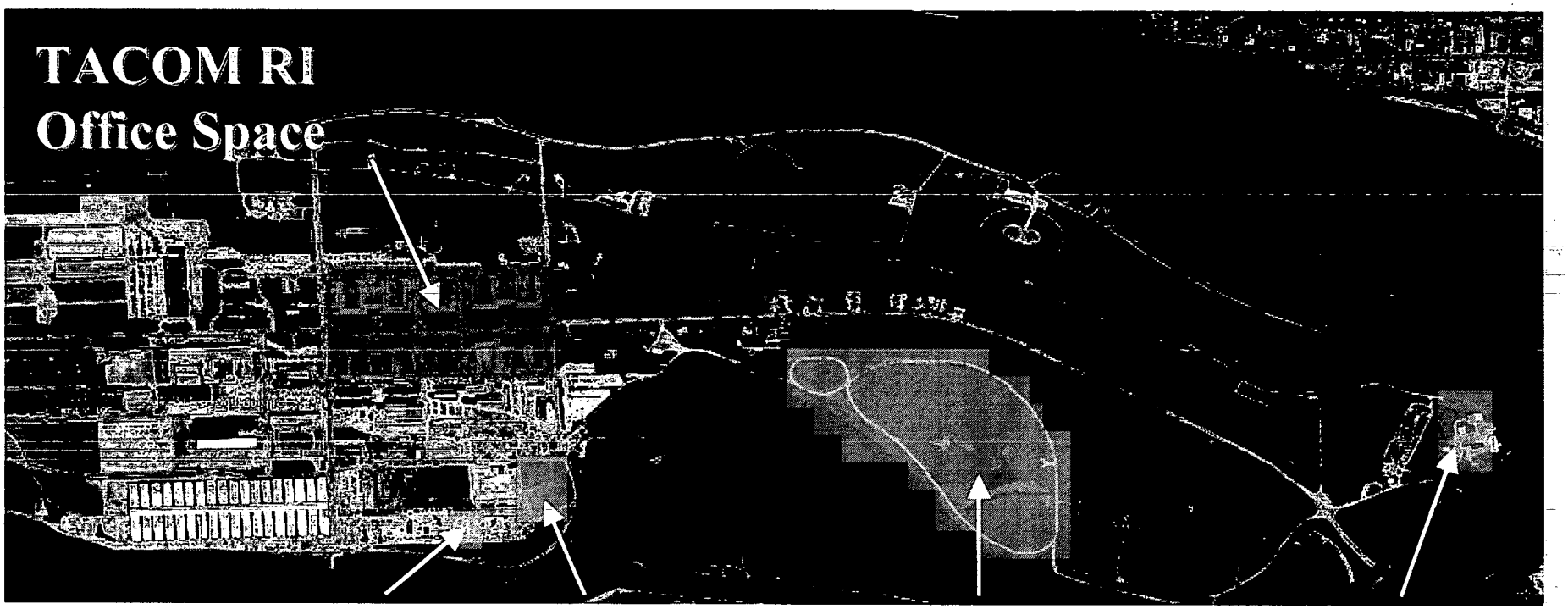
- **Construction costs appear severely underestimated**
- **Potential move cost - $5 million +**
- **Additional cost of living increase - $5.5 million/year**

Potential Community Issues

- **Footprint at Detroit Arsenal creates additional Force Protection challenges.**
- **Prior BRAC actions have maximized efficiencies**

Summary

Rock Island Arsenal View



Hard Lot – Approx 1 acre Combat Vehicle Storage Area

Equipment Test Field Area

Combat Vehicle Test Track

WARE Lab – Gun Mount & Recoil Testing & Weapon Firing Range

Tank-automotive and Armaments Command
Rock Island Site Facility Locations

Heavy Combat Systems Training and Reclamation Shop

173,661 Square Feet

Maintenance Operation Procedures Shop

BACK-UP CAPABILITIES BRIEFING

US Army Tank-automotive and Armaments Command

ROCK ISLAND SITE

CAPABILITIES BRIEFING

as of 1 June 2005

Integrated Logistics Support Center (ILSC)

COMMODITY ORIENTED INTEGRATED PRODUCT TEAMS

–

Co-located supply, maintenance, engineering, contracting and logistic management associates provide an integrated approach to weapon system life cycle management

Our integrated product teams in the ILSC bring together the logistic disciplines required to insure all aspects of logistic support are worked in concert, with each function aware of what the others are doing in support of a system. This results in true integrated logistic support for systems. Another advantage of the integrated product teams is their commodity orientation that allows like type systems to benefit from combining and sharing logistic requirements, thereby reducing costs and improving total Army integrated support. Demilitarization and disposal are included in the functions, as TACOM provides full spectrum cradle to grave logistic support for systems.

Integrated Logistics Support Center (ILSC)

TACOM Supply Management Services

- Requisition processing and forecasting
- Requirements determination
- Procurement direction
- Back Order status reporting Budget stratification
- DMRO Direction
- Rebuild Program requirements determination
- Distribution management
- Data Base purification

- Provide NICP technical guidance
- Funding direction
- Demand/trend analysis
- Long range requirements
- Major Item Authorization Qty Monitoring
- Cannibalization direction
- Supply Control Study analysis
- Foreign Customer Total Pkg Spt
- Database Development

Supply Management Services provide the backbone on which the supply chain operates, insuring adequate supplies are available to the field to support operations.

3 of 15

Integrated Logistics Support Center (ILSC)

TACOM Maintenance Management Services

- Build/manage the PMR and the technical maintenance data portion of the NSN/MDR for assigned systems
- Coordinate provisioning between other activities/services
- Develop, coordinate, and maintain initial cataloging provisioning data for establishment of NSNs
- Prepare NSN assignment requests, reinstatements, and supporting file maintenance transactions for provisioned items

- Manage and execute data base review/purification/update programs
- Analyze cataloging issues and recommend necessary corrective changes
- Develop, perform and coordinate special studies and projects related to provisioning/ logistics data
- Develop and coordinate item name, FSG, and FSC proposals for provisioned items
- Review and validate request for the Commercial and Government Entity Code

4 of 15

Integrated Logistics Support Center (ILSC)

Additional TACOM Maintenance Management Services

- Determine level of repair for components through performance of economic and logistic analysis
- Review Special Repair Activity requests and make recommendations to higher HQ
- Determine system TMDE requirements and associated calibration standards
- Develop, schedule and control application of MWOs
- Review, approve, and processes Interchangeability and Substitutability actions
- Evaluate embedded test and diagnostic computer software to confirm supportability from a maintenance standpoint
- Evaluate customer inquiries and provide resolutions and responses through appropriate processes, i.e., 2028, QDR, suggestion, SMART, LAR questions, soldier letters, etc.
- Review and approve technical publications for compliance
- Initiate and manage System Sustainment Technical Support (SSTS) Contracts

5 of 15

Integrated Logistics Support Center (ILSC)

Additional TACOM Maintenance Management Services

- Plan, design, develop, and produce equipment related publication requirements
- Review and approve technical publications for compliance & usability thru Val/Ver
- Manage LSA/LSAR and review contract deliveries for accuracy
- Determine common and special tool requirements
- Certify materiel system supportability prior to release
- Visit selected field locations and depots to assess the support posture
- Provide training and technical assistance to customers as required
- Incorporate changes resulting from approved ECPs, VECPs, RFD/W and design change notices into acquisition and logistics systems
- Prepare SOUM for PM/DA approval
- Determine demilitarization and disposition requirements

6 of 15

Integrated Logistics Support Center (ILSC)

Total Package Fielding (TPF) is the Army's standard fielding process for identifying, obtaining, & consolidating new/modified end item & all support items necessary to hand-off to gaining MACOM. A total package consists of major end item along with ASIOE, TMDE, ASL, technical manuals, COMSEC equipment, special tools & test & other support equipment & provides full range of TPF services.

- Planning a system fielding strategy
- Acquiring DA Project Code for materiel fielding
- Developing cost effective methods to support fielding
- Development of the Materiel Fielding Plan/Memorandum of Notification
- Mission Support Plan receipt & analysis
- Negotiating fielding dates, locations and requirements with the gaining unit
- Planning and conducting New Materiel Introductory Briefing with gaining unit
- Requisitioning of all support required
- Tracking all supply actions and shipments throughout the TPF process.
- Planning and executing the fielding hand-off to include strategically located fielding teams
- Prepare customer documents for gaining unit
- Preparation and submittal of the Materiel Requirements List to the gaining unit

7 of 15

Performing all fielding coordination throughout the TPF planning process

Integrated Logistics Support Center (ILSC)

New Equipment Training (NET) can provide all the services necessary to ensure the customers are trained to operate, maintain, and repair both new and current army equipment. The NET team is comprised of NET managers and training instructors who can provide for an orderly transfer of knowledge with capabilities such as:

- Coordination of NET functions early in the system lifecycle
- Formulate the training concept
- Prepare and maintain the NET Plan
- Provide Basis of Issue Plan Feeder Data
- Review and provide input to the System Training Plan and Material Fielding Plan
- Develop Lesson Plans and Program of Instructions
- Develop presentations and handouts
- Schedule, set up and conduct training classes on site / in Theater
- Develop distance-learning materiel
- Video training production

The ILSC Materiel Fielding and Training Directorate provides training services for both new and existing equipment. The NET instructors are also a valuable source of information about the operation and care of Army equipment. They can also prepare distance learning materiel and produce video training courses on compact disc.

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The NET team also works with TPF to provide training at the time of fielding.

Integrated Logistics Support Center (ILSC)

The Maintenance Operations and Procedures (MOP) Shop is responsible for the following:

- Maintain and Provide equipment to support all locally provided training
- Provide equipment for local training classes, to do engineering studies, development of modification hardware, installation of prototypes on currently fielded items to ensure compatibility with equipment and to ensure safe operation by the soldier!
- Perform physical teardown and Technical Manual verification for TACOM equipment
- Duplicate malfunctions from LAR field reports and provide diagnostic and repair instructions to the field
- Prototype and short run manufacturing of parts to support emergency needs of soldiers
- Design and fabrication of electronic testing devices for selected DOD equipment
- Repair and calibration of fire control optics in a fully equipped Optics lab

The ILSC operates the TACOM Rock Island MOP Shop that is equipped with modern class rooms & laser labs where on site training can be provided. In addition to maintaining the on-post combat systems and equipment, they also operate a well equipped machine shop with experienced machinists. The MOP Shop can provide short run and emergency manufacturing of items to meet urgent warfighter requirements .

Integrated Logistics Support Center (ILSC)

TACOM Readiness Integration Services

- **Face to the Field:** Provide highly skilled technical advisors to every Logistics Assistance Office
- **State of the Fleet Analysis:** Determine & support readiness, identify systemic Logistic issues, modernization requirements, & OSCR opportunities
- **Provide** technical assistance and training to field units
- **Investigate** equipment malfunctions and accidents providing cause/effect analysis and recommendations for corrective action/procedures
- **TACOM Operations Center:** Serve as LOG command center for operations & exercises, direct link back to Command technical expertise

The ILSC Readiness Integration Directorate is the Command's direct link to the field. There are currently 227 Logistic Assistance Representatives (LARs) located word wide with using units to assist the units with operation and maintenance, troubleshooting, diagnostics, oil analysis requirements, supply and transportation tracking assistance, to list just a few of their services. LARs also provide fleet and unit readiness analysis to Commanders and provide a direct link back to the Command for unit logistic concerns.

Logistic Assistance Representatives

accompany their supported units to the field when the unit is deployed.

TACOM-RI Safety Office

The Safety Office has four major areas of responsibility – Occupational Safety, Environmental Safety, Radiation Safety and System Safety

TACOM Radiation Safety Services

Provide radiation safety training required by NRC License and AR 11-9 R
- 28 Hour Course
- 1 Hour Introduction
- Radiation Safety C.D.

Quarterly Radiation Safety Bulletin

Host Radiation Safety Officers (RSO) Workshop

Assist TACOM customers on proper shipment of radioactive material

On site inspections and guidance - Incident Response Services
- Provide onsite supervision, assistance, and investigation into major incidents involving radioactive commodities
- Report to the NRC when necessary
- Identify root causes
- Develop corrective actions for implementation

The Safety Office provides radiation for TACOM Nuclear Regulatory Commission Licensed items and systems and system safety services. They are the source for radiation safety training, radiological shipping information, incident response services and conduct an annual Radiation Safety Officer workshop.

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TACOM-RI Safety Office

TACOM System Safety Engineering Services

Prepare safety material release documents

Participate in Level I & II CCBs

Review technical manuals, type classification packages

Procurement Package Input (PPI) Review:

---General safety & environmental considerations

---Hazardous materials/ NRC license

Safety-of-Use Message (SOUM) / Ground Precautionary Message (GPM) (GPM) / Maintenance Advisory Message (MAM)

-Manager of SOUM / GPM / MAM program for TACOM-RI

-Assist TACOM PSID's in preparation of SOUMs, GPMs, MAMs

The Safety Office also provides system safety services to assist with system safety concerns and requirements. They review system documentation for general safety, radiological and environmental requirements. They manage the Safety of Use, Ground Precautionary and Maintenance Advisory Message program, assisting with preparation of messages for the field. The Safety Office provides system safety services for TACOM systems and matrix supported PEO / PM managed systems.

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Ground Systems Industrial Enterprise (GSIE)

GSIE combines capabilities of Anniston, Red River, & Sierra Army Depots, Rock Island & Watervliet Arsenals, & the Lima Army Tank Plant into a single Enterprise designed to leverage capabilities of the entire ground systems industrial base

TACOM GSIE Industrial Services

Product Design and Development
- **Rapid Prototyping**
- **System/Component Simulation**
- **CAD/CAM/CIM (Unigraphics/ProE/Autocad)**
- **Dynamic/Stress Analysis**

Material Testing
- **Chemical Analysis**
- **Oil and Lubrication**
- **Metallurgical/Rubber**

Manufacturing Support
- **Product Redesign/Improvement**
- **Lean/Six Sigma/ABC**

Precision Machining
- **7-axis Machining Centers**
- **CNC/Automated Cellular/Flexible Machining**

Fabrication/Assembly
- **Welding (Robotic, Submerged, Orbital, and other types)**
- **Ferrous, Non-Ferrous, Composites, Rubber, and Titanium**

Casting/Forging
- **Cannon Tubes**
- **Ferrous, Non-Ferrous, and Titanium**

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Cradle to grave industrial capability for manufacturing, system support and overhaul

Ground Systems Industrial Enterprise (GSIE)

TACOM GSIE Industrial Services - continued

Heat Treatment/Plating/Finishes
- Cylinder/Cannon Tube Chrome Plating
- Chemical Agent Resistive Coating (CARC) Painting

Tool, Die, and Gage manufacturing

Systems/Subsystems Support
- Wheeled and Tracked Vehicles
- Self-Propelled and Towed Artillery
- Small Arms and Mortars
- Major Subsystems (engines, transmissions, etc.)

Optics/Electronics
- Night Vision
- Radiological
- Circuit Cards

Unique Processes
- Robotic Metal Spray
- Rubber Denuding

Testing
- Gymnastication/Live-Fire/Test Track
- Engine/Transmission/Hydraulic Component Test Facilities

The GSIE will make the ground systems industrial base a model of efficiency through initiatives like LEAN manufacturing, use of partnerships and through legislative reform. Those initiatives will help make the GSIE the 'go to organization' for Army Transformation repair and production requirements. The GSIE partners with industry to meet the warfighter's needs.

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Ground Systems Industrial Enterprise (GSIE)

TACOM GSIE Field Services

Forward Repair Facilities/Teams
- Modifications/Upgrades
- Diagnostic and Repair
- Failure Analysis

Spare/Repair Parts
- Reverse Engineering
- Rapid Prototyping

Receipt, Storage, and Issue of Equipment
- Manual and Automated Storage/Retrieval Systems
- Open-air and Enclosed Facilities
- Environmentally Controlled and High Desert Storage

GSIE is currently developing Fly Away Packages which include life support equipment, vehicles, tools, individual protection equipment, and communications to quickly deploy Depot capabilities in Theater.

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