# 2008 AAFES Logistics Partners Forum

### **Building Powerful Partnerships**

"Vision is perhaps our greatest strength... it has kept us alive to the power and continuity of thought through the centuries, it makes us peer into the future and lends shape to the unknown"

<u>Li Ka Shing</u>







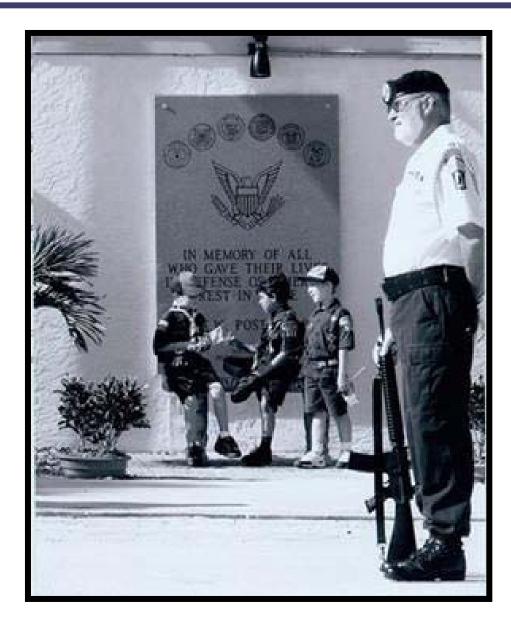






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# START BY CREATING A SHARED VISION & MISSION





# MAKE SURE WE ADDRESS NEEDS AND EXPECTATIONS





# IDENTIFY AND UTILIZE THE STRENGTHS OF EACH PARTNER





## UNDERSTAND THE LIMITATIONS





# SET COLLABORATIVE GOALS/ACCOUNTABILITY





## HANDLE ISSUES QUICKLY





# COMMUNICATE, COMMUNICATE, COMMUNICATE





# AAFES and Logistics Overview

# Steve Richardson Vice-President AAFES Logistics





### Provide quality goods & services at competitively low prices...





# and generate earnings to support MWR Programs





### Army





### Deputy Commander Brig Gen Hendricks

A CONTRACTOR OF AND A

### **Board of Directors**



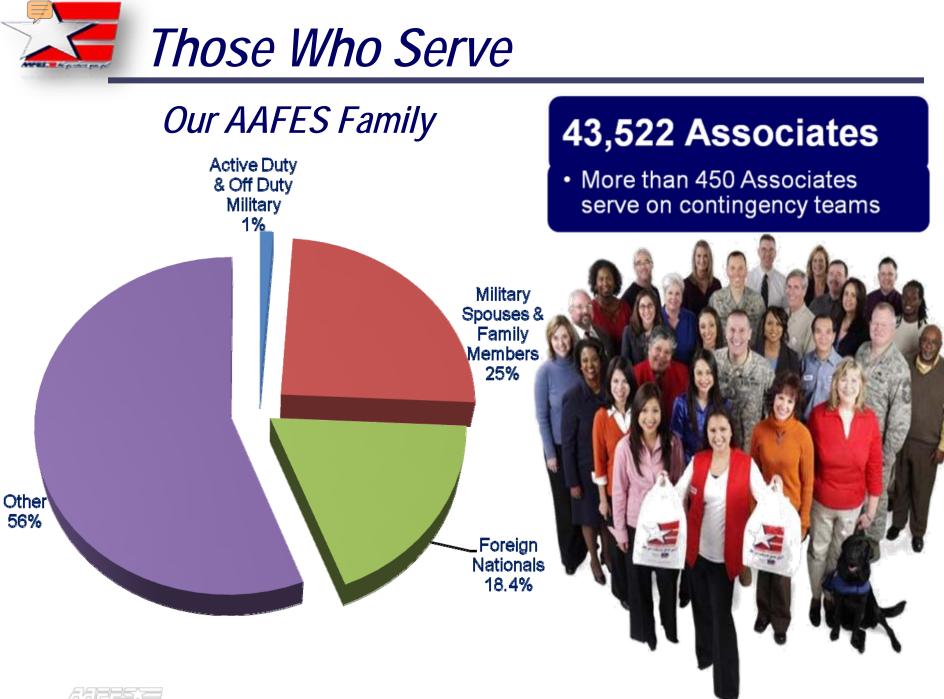
Commander MG Keith Thurgood

### Air Force

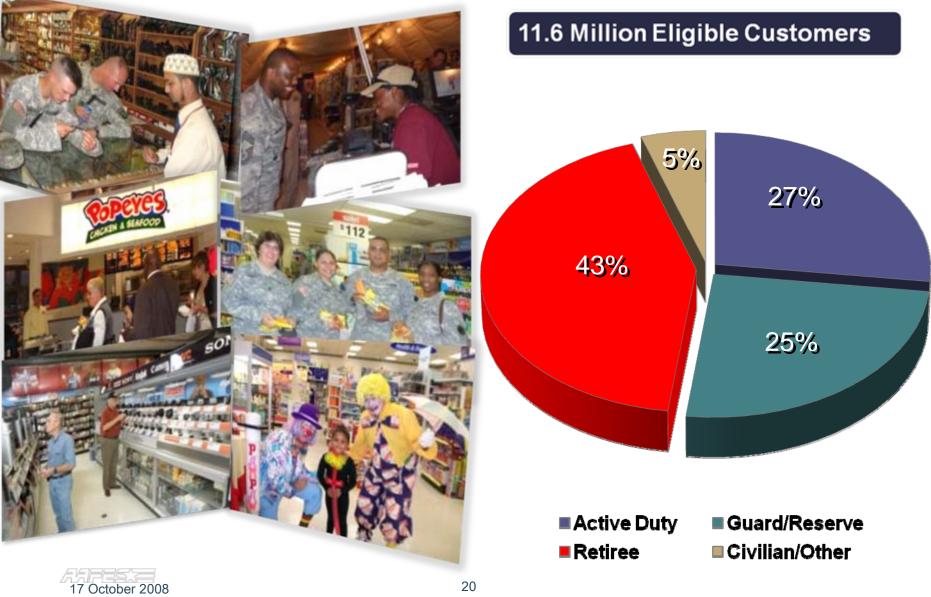


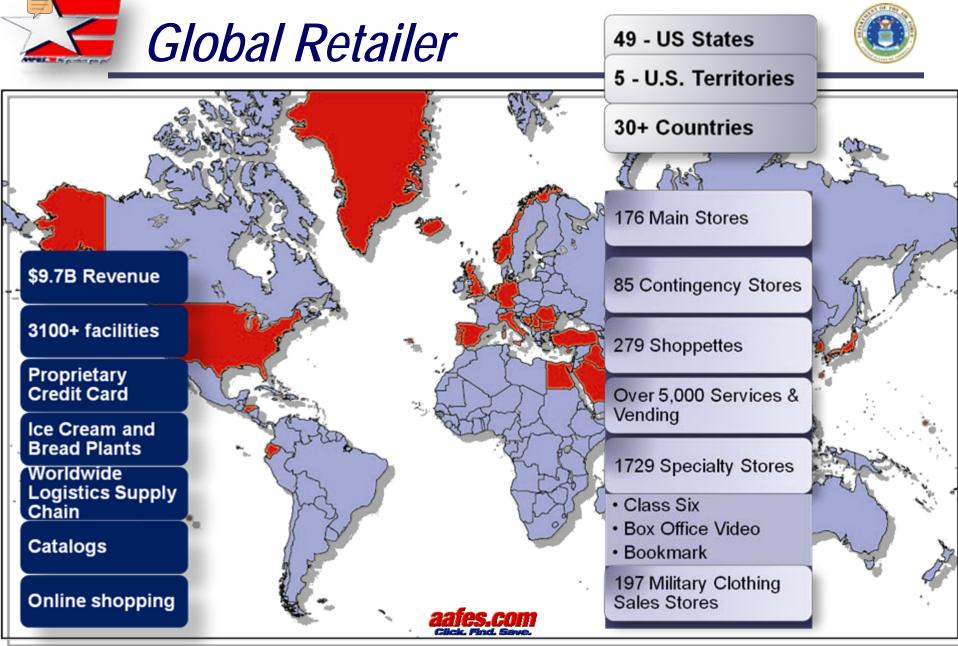


Chief Operating Officer Michael P. Howard



























#### aafes.com NO SALES TAX

when you shop the Exchange Online Store, Exchange Catalog, or BX/PX (excludes online Mall purchases).





'Take advantage of our ongoing FREE Standard Shipping offers!

NLY

17 October 2008

SUPER DAILY SPECIAL

ONLINE SPECIALTY STORES

HELPFUL RESOURCES FOR MILITARY LIFE

WEEKLY SWEEPSTAKE

















✓ Logistics Vision:

Provide best-in-class logistical support to our customers

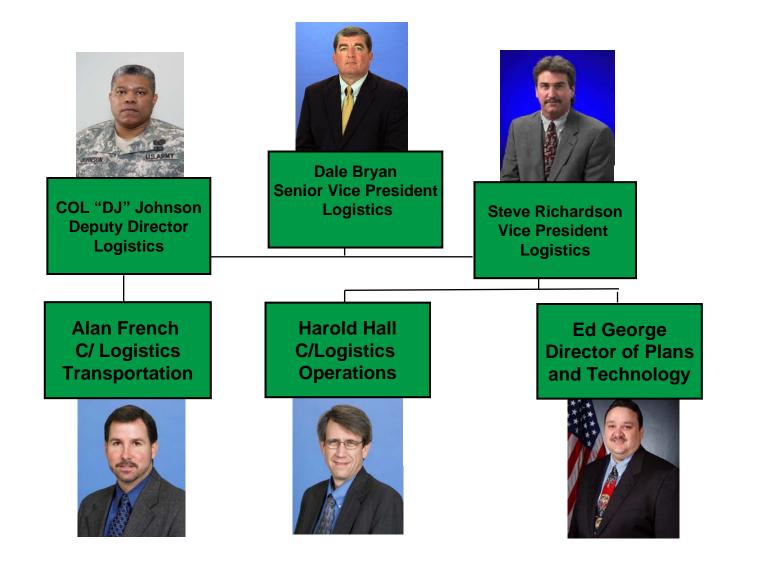
✓ Logistics Mission:

Provide effective and efficient logistics to our global customer base









*AAFESLE* 



DC Operations
 Transportation
 Plans and Technology

# Bottom Line: Right Place, Right Time











Destiny is no matter of chance. It is a matter of choice: it is not a thing to be waited for, it is a thing to be achieved.

William Jennings Bryan

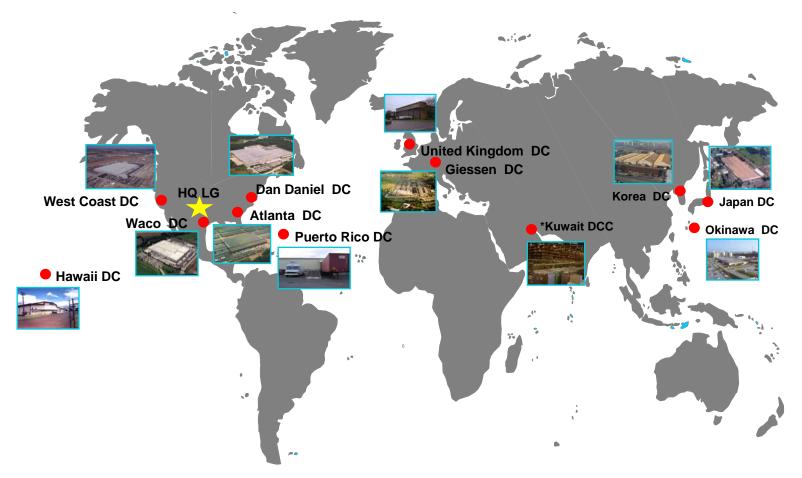


# Logistics DC Operations Overview

Harold Hall Chief of Operations AAFES Logistics







\* Kuwait DCC is a deconsolidation center







# **OCONUS** Distribution Centers



KOREA DC

#### **JAPAN DC**





### United Kingdom DC

### **Germany DC**



#### **OKINAWA DC**





### HAWAII DC

### Puerto Rico DC



### **Kuwait DCC**





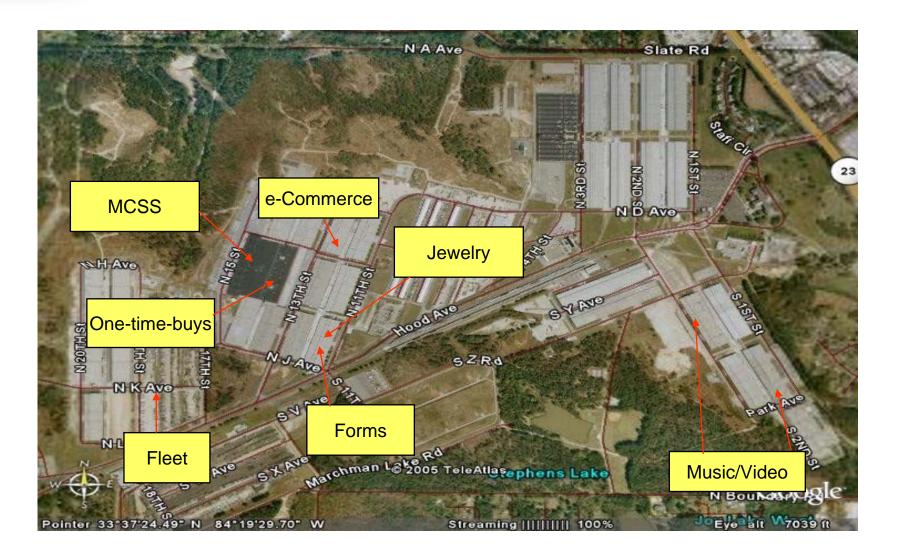
# Logistics Operations Best Practices

Radio Frequency (RF) Technology
 Put to Light Order Fulfillment
 Cross Dock ASN Receiving
 3<sup>rd</sup> Party Logistics



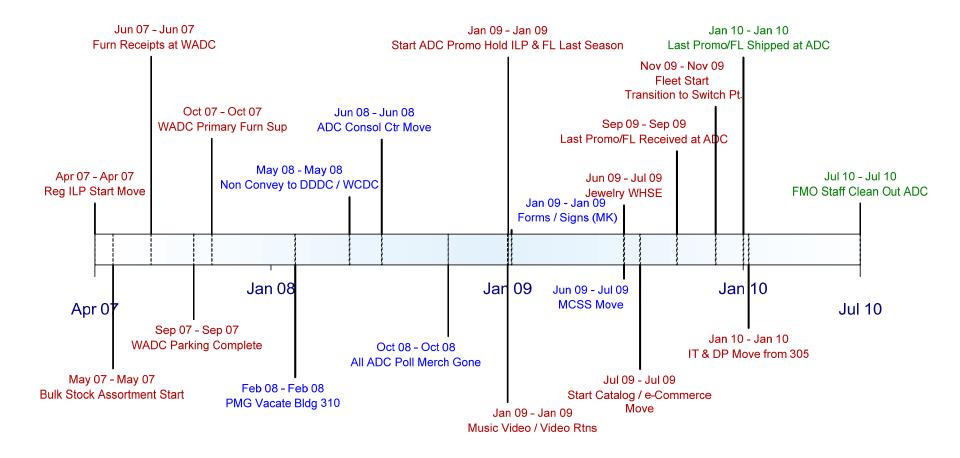
Troop Re-stationing
 DC Realignment
 Atlanta
 Giessen
 Korea





/AFES.

*ATLANTA REALIGNMENT TIMELINE* 



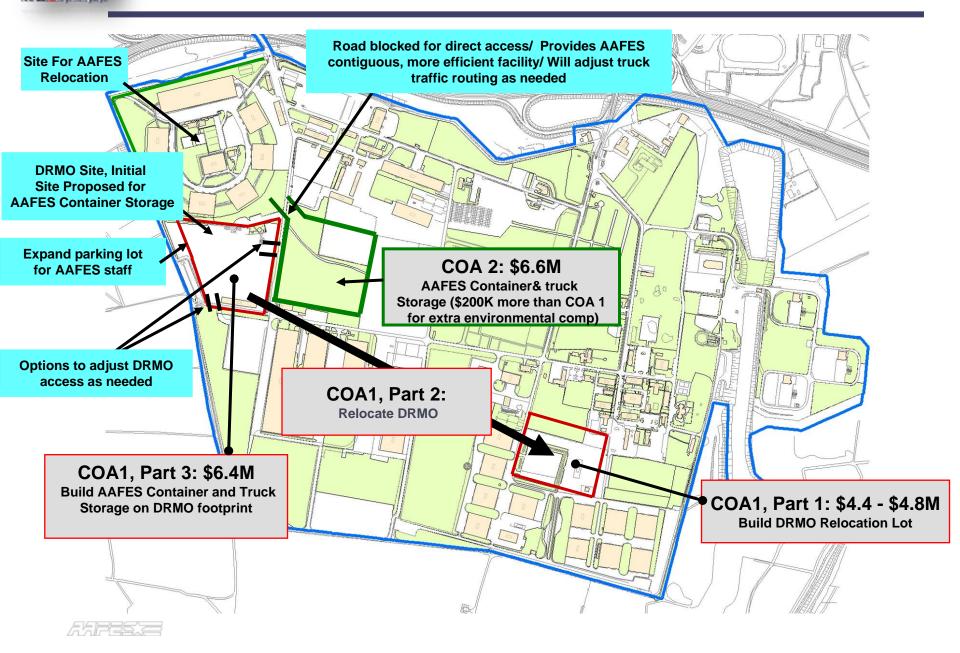


AAFES hired consultant to evaluate Germersheim project Jan 07

- Planning Charrette conducted Nov 2007 with recommendations to IMCOM-Europe Jan 08
- >1391 input to IMCOM for FY12 budget (\$20M)
- Design plan
  - → 382,000 Square feet
    - ✓ 360,000 Dry Warehouse
    - 22,000 Admin Space
- Plan move FY13/14



# AAFES Container/Truck Parking Costs





 KOM consultant firm was hired to evaluate and propose a new DC at Camp Humphreys in April 08
 KOM on site 10-16 April to conduct on site evaluation
 Initial design presented to AAFES April 08.

- Final drawings to include fixtures and mechanization presented Sep 08.
- New Design
  - →410,000 Square Feet
    - ✓ 305,000 Dry
    - ✓ 67,000 Freeze/chill
    - ✓ 38,000 Admin, PMG, Building & Fleet Maintenance

Timeline: 2012/2013







# Mobile Field Exchanges

#### Purpose na Natural F

Supporting Natural Disasters
 Troop Deployments

#### **Infrastructure**

- ➢ 9 Units
- Satellite Communication
- Coolers, Safe, Shelving
- 40K in merchandise at dispatch





Advantages Turn Key Operations

48 Hour Response Time

#### Results

- 143,000 troops supported
- 1.2M in Sales to date









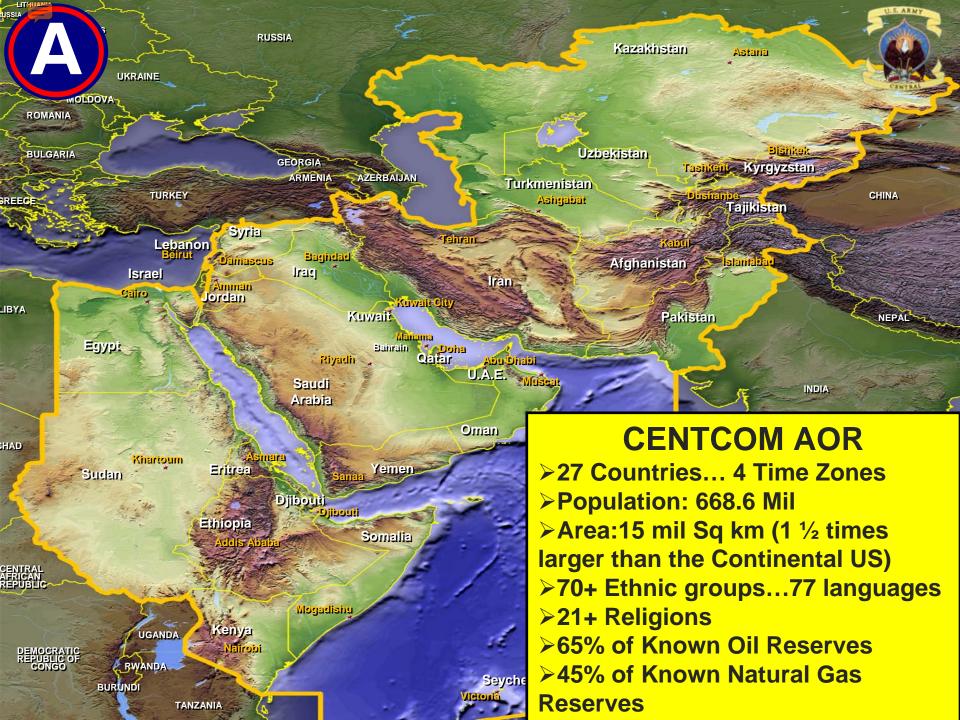
## Welcome to the Hilton!!!





### I should have joined the Navy!!!!

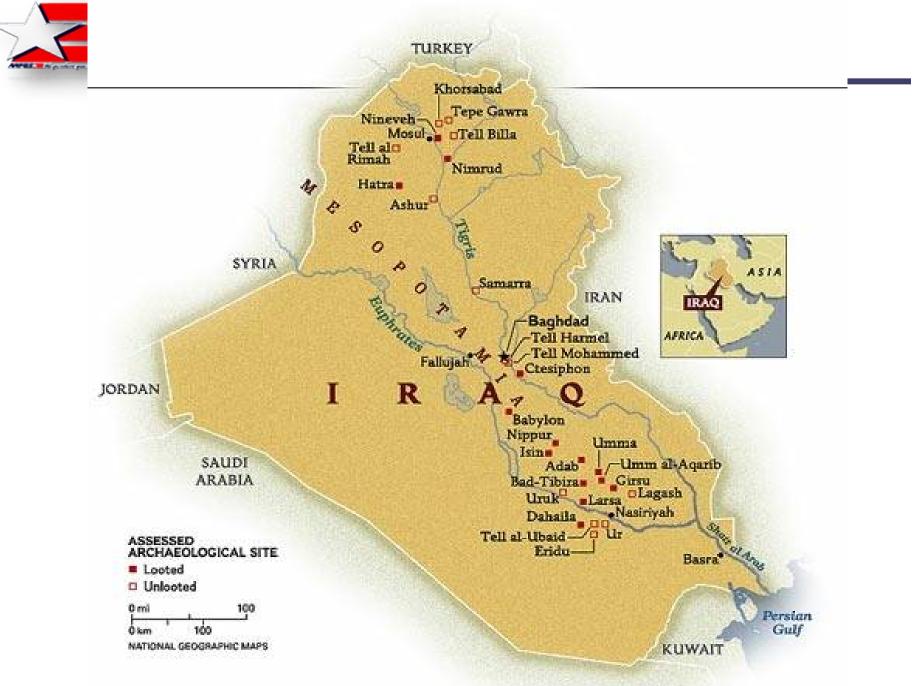




### US States Renamed for Countries with Similar GDP

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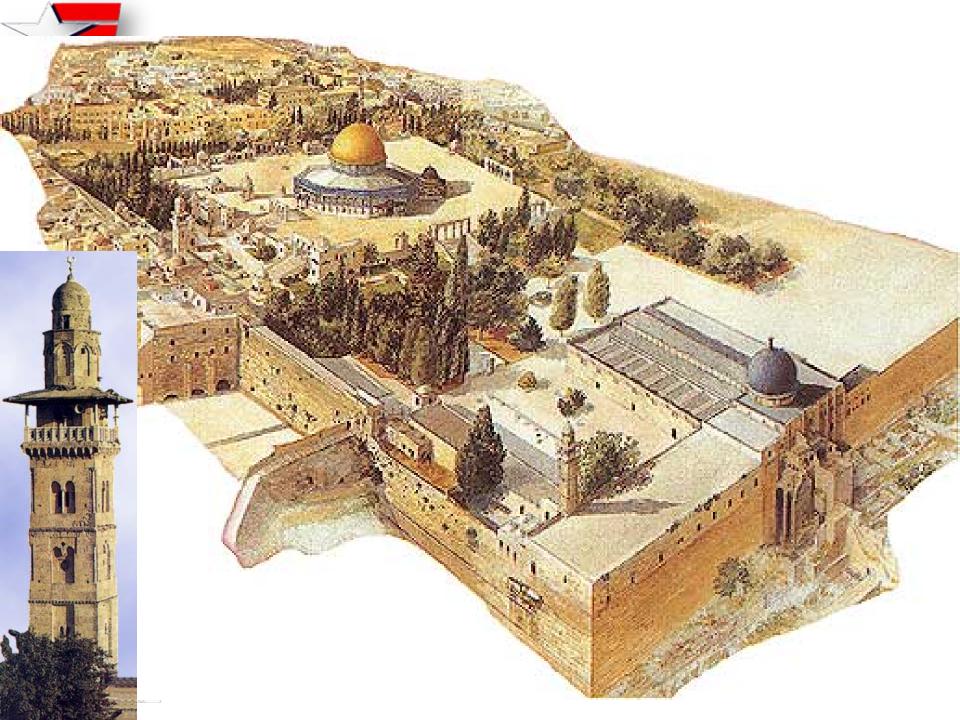


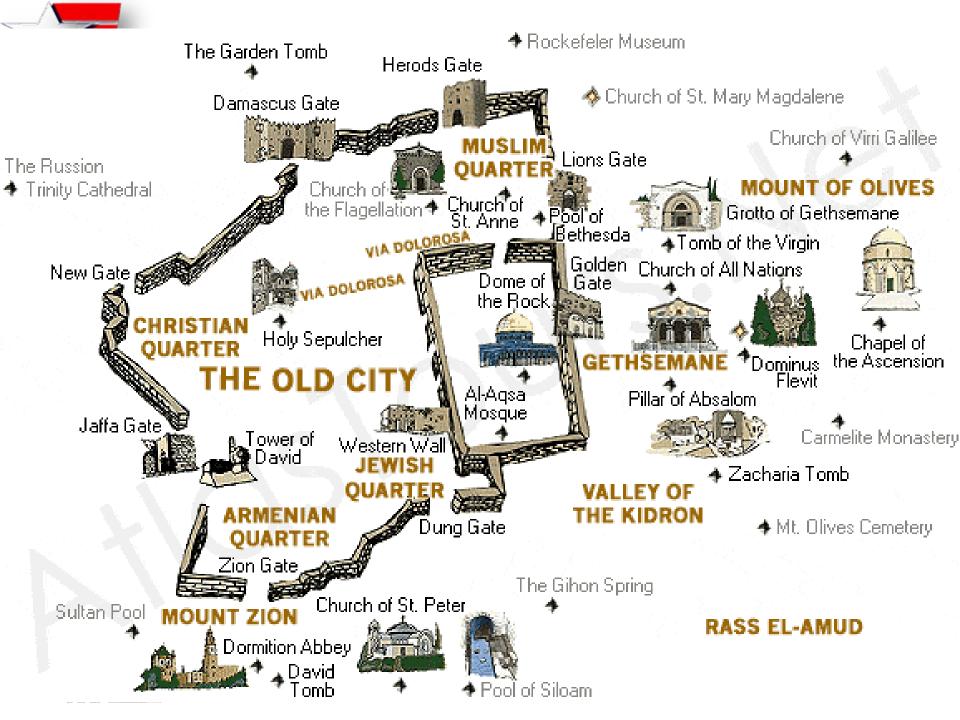


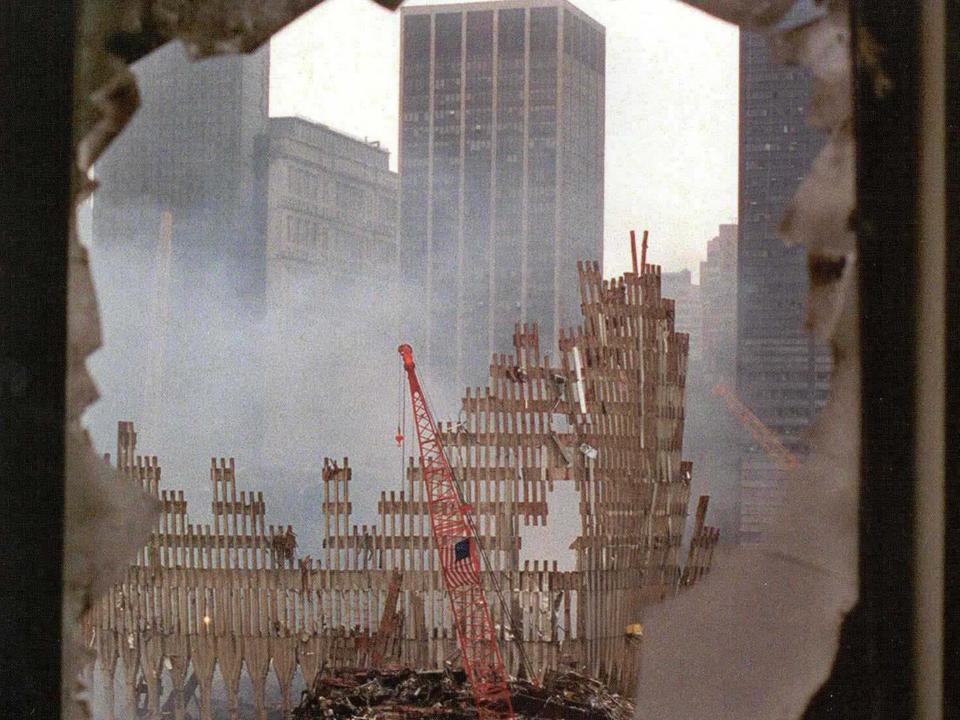






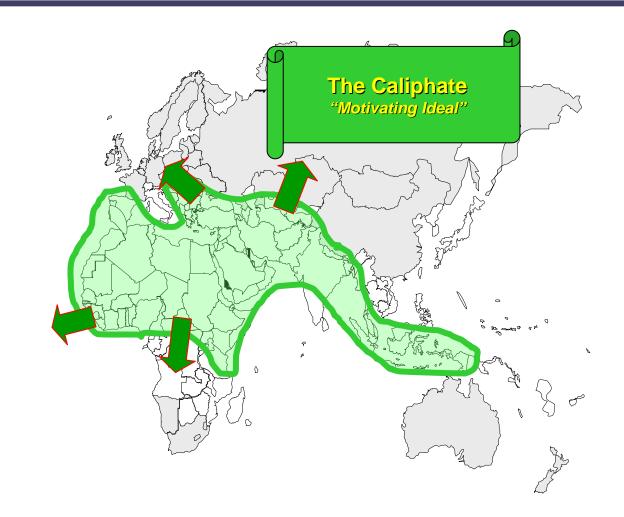














### **A DAY IN THE LIFE OF SUSTAINMENT**

400 Convoys on the Road..2,500 Trucks...11 Days to



**700M of Meals** Pushed

110K Cases of **Bottled Water** Pushed

3.4M Gals of Water Produced 2.00000 38 3.7M Gals of Wate Issued



**3M Gals of Fuel** Delivered

**3M** Gals of Fue Received

**170M Supply** 

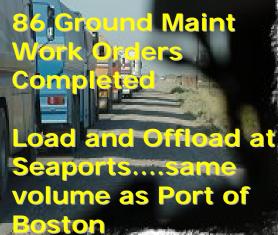
Requisitions

**Rotate 600,000** soldiers a year

200 CL IX (Parts) **High Priority** Pallets Offloaded

ADDE

**11** Aviatio Work Order **Completed** 



✓ Force Development and Planning

IRAN

STRAT AIR

STRATEGIC SEALIFT

STRATEGIC SEALIFT

✓Movement of Forces

INTRA-THEATER AIR

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CONVOT

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- ✓ Operate/Secure Airports, Seaports
- ✓ Camps and Nodes
- ✓ Reception Operations at APOD & SPOD
- ✓ Conduct integration training
- ✓ Ground Convoy Operations

























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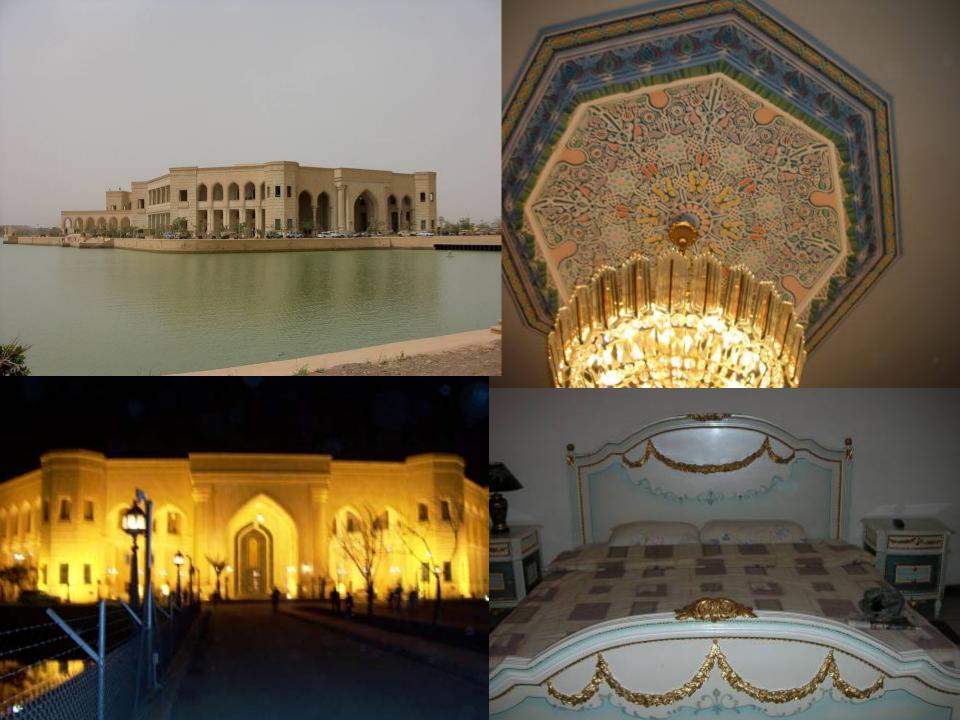
























Dedicated In Memory Of The Fallen Victims Of 411 and O.T.F. SHILLING

TEXAS

PFC DOWN A GATZA 567 Juan Villaboos MICHAEL COLE SAACKDOWN

AEF 3/4 SEP 06-JAN 07

LI TANK









## **THE ZIGGURAT IN 1934 CE**

PULLIC DATE

destication





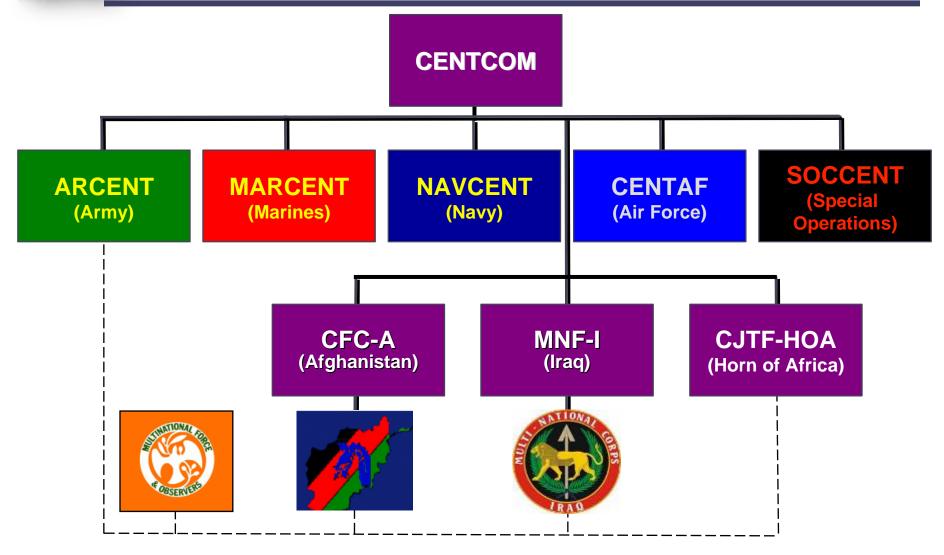
Our Army is at War...and keeping the Peace...and deterring aggression...and providing humanitarian assistance around the globe. Over 320,000 Soldiers are committed worldwide. It hasn't been easy, but we're working to make it better for you and still uphold our responsibilities to our Nation.



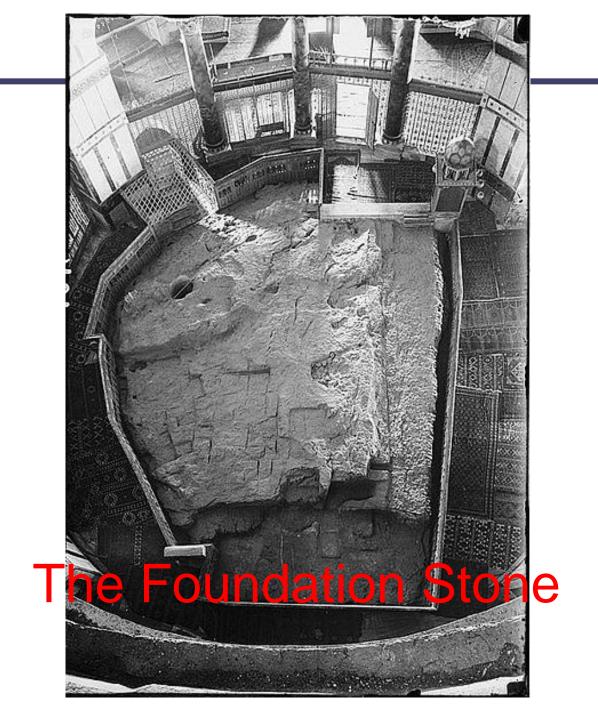




## **Command Relationships**







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# **AAFES** Transportation



Alan French Chief AAFES Transportation Operations

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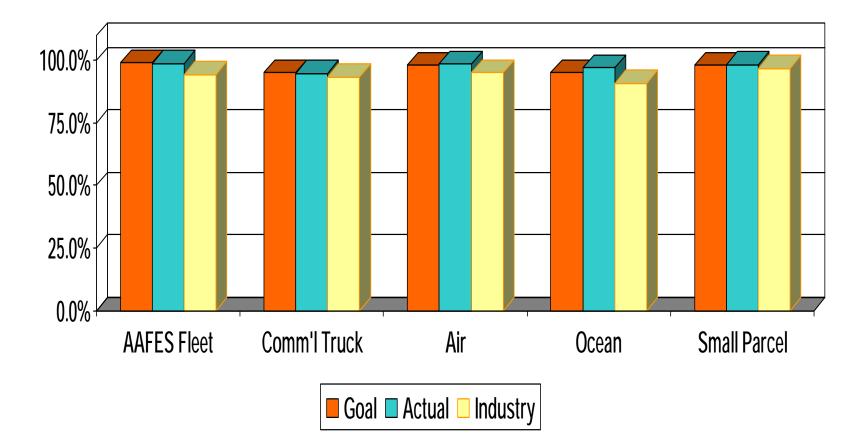
	<u>Actual</u>	Budget	<u>+/-</u>
NAF FY 2008	\$193.9*	\$196.3	-1.6%
APF (SDT) GFY 08	\$144.0*	\$138.6	3.9%
GWOT (SDT) GFY 08	<u>\$138.0*</u>	<u></u>	<u></u>
TOTAL	\$475.2*	\$472.9	.5%

\*projected

/hPBS1



#### **On-Time Performance YTD**



# Negotiations & Compliance

- ✓ Valued Partnerships
  - → Trust
  - → Honesty
  - → Integrity
- Performance Management
  - → Clear Expectations
  - → Goal Oriented
  - → Rate Based



- Calculating Success
  - → Scorecards
  - → Key Metrics
  - → Reduced Expenses
  - → Increased Revenue
- ✓ Moving Forward
  - Ouarterly Reviews
  - → Sharing in Success
  - Collaboration



- 83<sup>rd</sup> Largest Private Fleet \*
- Equipment
  - 379 Tractors
  - 1,773 Trailers
    - →1,597 dry; 176 reefer

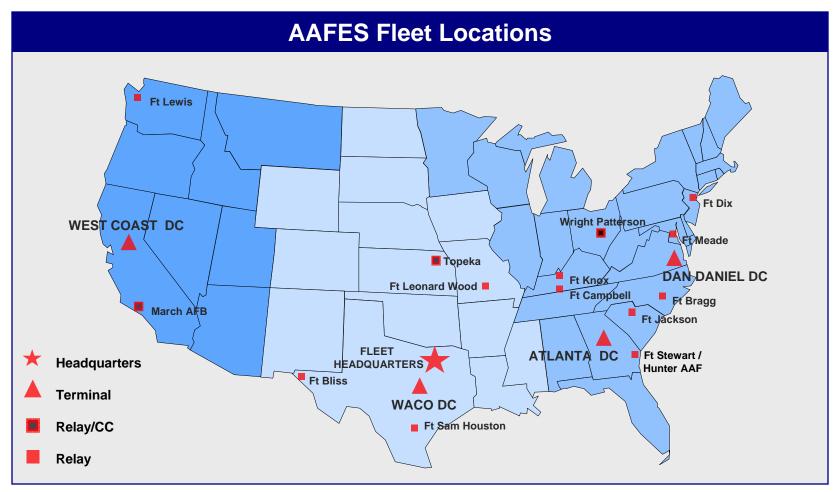


- >21.1 Million miles driven worldwide in FY07
- >1.4 Accidents per million miles driven
  - Industry average is 4.0 accidents per million miles
- Recognized Higinio Ortiz DOTY (1994 & 2007)
  - AAFES first <u>4 Million Mile Driver</u>





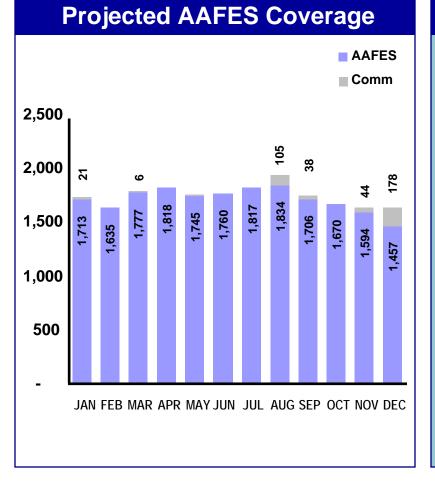
Location of AAFES CONUS Terminals and Relays





# Fleet Optimization

With 26 additional drivers, cover 98.9% of all delivery dispatches



#### **AAFES vs Commercial**

- Adding driver capacity to cover 320 additional dispatches per month:
  - 98.9% AAFES overall
- 26 additional drivers will be needed to cover the additional dispatches
- AAFES drivers provide a higher level of service to our customers
  - Installation access
  - In-Cab communication
  - Flexibility
  - Supply Chain Visibility



#### Decrease transportation costs; increase service levels

#### **Approved Recommendations**

- Increase CONUS drivers 12%
  - 26 additional drivers
  - Personnel costs included in AAFES CPM
- Purchase 26 new tractors for additional drivers: \$2.4M
  - Atlanta DC may provide tractors instead of purchasing
  - Depreciation included in cost-per-mile
- Increased fleet cost over project life: \$14.6M
- Cost avoided over project life: \$16.8M
- Total cost avoidance over project life: \$2.2M
- Minimum expected ROI from new investment: 15.00%



Project Implementation Strategy

#### How do we get there?

Atlanta DC Closure

- As Atlanta closes, some drivers and excess equipment from the terminal can be repositioned
- Phase in new drivers over four years
  - Add 25% of the total addition to the workforce each year
  - Increase of \$1.6M per year over project life
    - Personnel cost, equipment and depreciation
- Perform Fleet Optimization Study annually
  - Ensures the fleet's direction matches LG's network as it transforms
  - Analytics completed



- ✓ Proven savings of 10.7% on inbound freight costs
- ✓ Increased visibility of shipments
- Better vendor control
- ✓ Better carrier control
- ✓ Real-time reporting capabilities
  - Allows AAFES to see what vendor has and has not released
  - Po's that have been released 48 hours or less





## ✓ Overall TMS savings since 2005 - \$2.1 M

## ✓ Over 2,300 vendor codes

Average 34,000 shipments per month through TMS

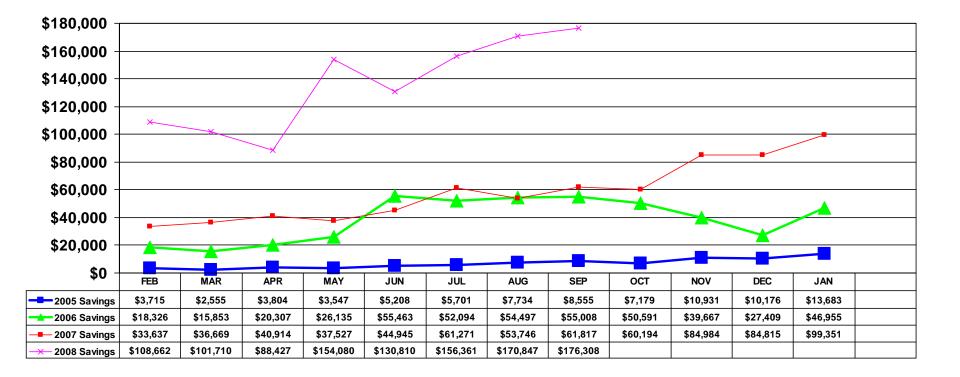
✓ Average monthly savings for 2008 is \$135,900







### Savings per month through Optimization





 June 2007- contracted with APL Logistics as sole provider
 Ocean transportation
 Consolidation
 Air transportation
 Customs brokerage





# Contract Savings Since Inception \$4.8M



#### Supply Chain Management: network design & optimization, solutions engineering, lead logistics manager

IT Solutions: visibility, connectivity, monitoring, exception management, analytics



Supplier & Vendor Consolidation Management

#### **Origin Services/ Export Management**

- Consolidation
- MCC
- P.O. management
- Vendor mgmt.
- Quality assurance
- Packaging/Labeling
- GOH
- VMI
- Carrier arrangements
- Documentation



International Ocean/ Air Transportation







Document Deliverv



Distribution

#### **Destination Services Import Management**

- Customs house brokerage
- Deconsolidation
- DC Bypass
- Local transportation

International **Freight Management** 

- Ocean LCL/FCL
- Airfreight management

Domestic Multi-Modal Transportation





Warehousing & DC's

Deliverv to Point-of-Sale

#### Warehouse/ **D.C.** Management

- Facility design
- Store/Pick/Pack/Ship
- Inspection/Configuration
- Cross docking
- Packaging/Labeling
- VMI
- Kittina
- Sequencing
- Light sub-assembly
- JIT pickup/deliver
- Returns management
- Dedicated contract carriage Route design

**Domestic** 

- Carrier negotiations
- Freight payment/audit

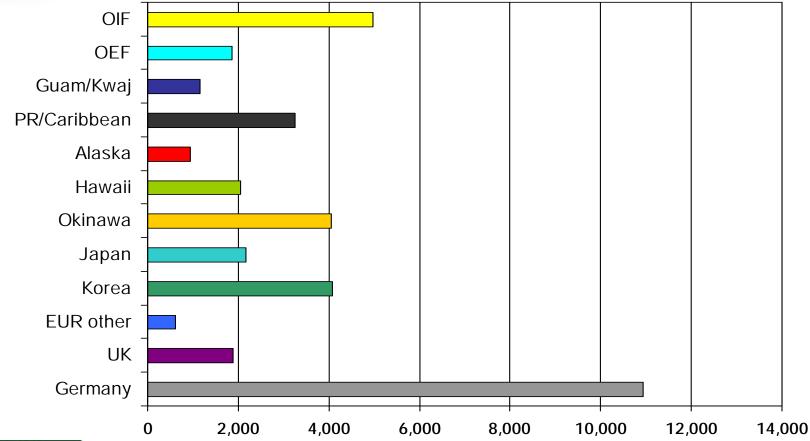
**Freight Management** 

Inter-modal transport

Truck and rail services







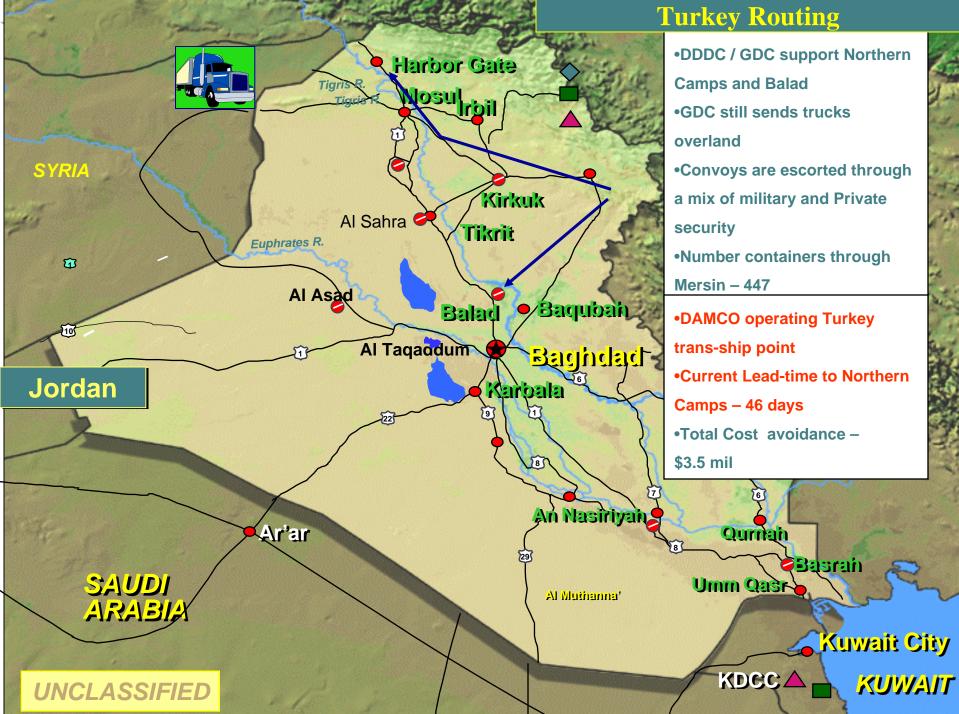


- ✓ 38,015 containers shipped worldwide.
- ✓ 66% Direct booking
- ✓ 67<sup>th</sup> largest exporter in the U.S. (Journal of Commerce, May 2008)



Region	Movement	Remarks		
West Coast	$\overline{}$	Union Contract Negotiation		
Gulf of Mexico	$\overline{}$	Hurricane Ike		
East Coast				
Europe		EU Food Health Certificates		
Pacific				
Mediterranean				
SWA	•	Pakistan Unrest/ routing to Aqaba/Qatar Customs delays		
Alaska				
Hawaii				
Caribbean	<u> </u>	Increased container detention in Puerto Rico due to store closures.		





#### **Turkey Routing**

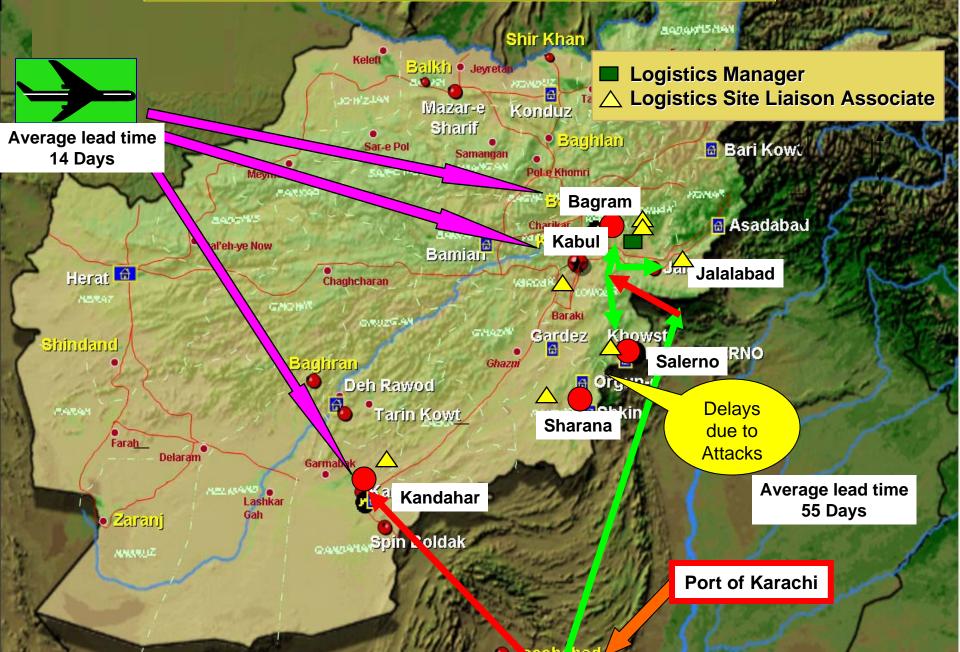
•DDDC / GDC support Northern •GDC still sends trucks •Convoys are escorted through a mix of military and Private •Number containers through •DAMCO operating Turkey •Current Lead-time to Northern •Total Cost avoidance -

KUWANT

# Iraq Support Issues (via Jordan)

Inconsistent Lead time → Feeder delays → Re-routes (Port Skipping) ✓ New Routing → Four additional Days Transit →Needed Consistency Route Closures Through mid-October → Estimate Openings One Day per Week →Instructed Agility to have Loads Ready

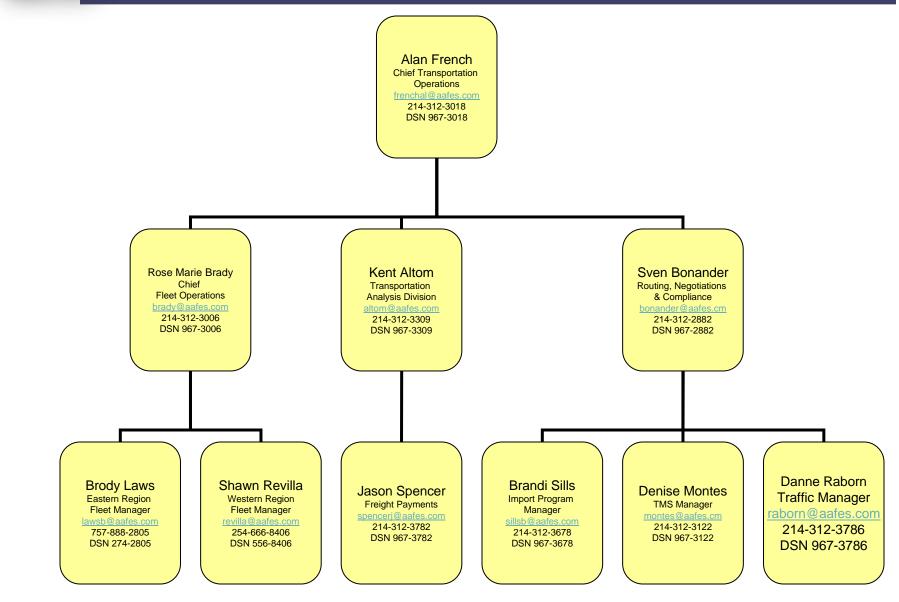
## **Logistics Structure Afghanistan**



# Afghanistan Support Issues

- Continuing Civil Unrest in Pakistan
- Increasing Attacks on Supply Lines
- ✓ Salerno Hot Spot
  - Carriers are unable to consistently make deliveries
  - → Delayed Deliveries by up to 4-6 weeks
- ✓ Pilferage
  - Significant Reductions for the Past 9 Months
    Continuing GPS Test
- Twenty Four Containers in Detention







### Leading the Way















### Logistics Strategies Overview

## Ed George Director Plans and Technology AAFES Logistics



# The Evolution of Transportation

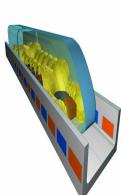












## AAFES Logistics Strategies

- Strategic Plan for AAFES Logistics
  - Pursue cooperative efforts
  - Develop and/or recruit for future leadership
  - Integrate/upgrade Supply Chain technologies
  - Pursue strategic partnership opportunities with both internal and external supply chain partners
  - Leverage the supply chain to regulate costs
  - Pursue Energy and Waste Stream Efficiency Initiatives

#### "A fundamental rule in technology says that whatever can be done will be done"



Andrew Grove





### Voice Technology Project

- Project initiated to utilize voice technology warehousing solutions within LG CONUS Distribution Centers (DCs)
  - Voice Technology Benefits:
    - Lower cost per issue
    - Increased accuracy rates
    - Decrease in safety incidents
    - Decrease in training times
    - Improvements to associate satisfaction
  - Contract Award Sept/Oct 08
    - Begin Implementation at Dan Daniel Distribution Center (DDDC)
    - Estimated 1st Quarter 09



## **Transportation Management System**

- Add outbound shipment optimization functionality to existing Transportation Management System (TMS)
  - → Benefits:
    - □ Reduce outbound freight costs from 5% to 10 %
    - Increased utilization of AAFES fleet assets
    - Allow AAFES to incorporate outbound movement with inbound freight movements
    - Provide visibility of shipments leaving the distribution centers to customers
    - **Reduction of empty miles driven by fleet**
    - Development of metrics to measure cube utilization
    - Reduce fleet maintenance costs
    - Provide savings in fuel consumption/cost
  - Implementation of TMS Outbound solution is dependent on rollout/implementation of new WMS suite at CONUS DCs.

# Supply Chain Visibility

- Provide total visibility for re-sale items, supplies and equipment moving within the supply chain; from vendor ship point to final consignee
  - System characteristics
    - Centralize data from multi platform, legacy systems
    - Web-based application
    - Reporting tools for customize reports
    - Link to others corporate systems
  - Approaches
    - Phase implementation
      - Internal corporate data Completed
      - External partner interface Designing
  - On going due to transformation of supply chain applications



- Replace current end of life cycle legacy systems (WMS and WLS).
  - → Functional Requirements:
    - □ A single system to control all warehouse operations
    - Uniform procedures for order control and fulfillment
    - □ Support ASN and RF technology throughout the enterprise
    - Support discrete labor standards and productivity management
    - Support yard management and appointment scheduling
    - Support warehouse planning and layout for seasonal shifts in merchandise demand



#### ✓ Increased personnel efficiency

- → The automated processes within the WMS will result in increased efficiency lowering personnel cost to issues by 10%
- ✓ Decrease inventory cycle time
  - Automation will result in a reduction of 2 days in inventory cycle time
- ✓ Increase capability and flow through
  - Improved capability to handle multiple item types without multiple CRC's
  - Use of multi-level UPC's directly relates to store shelf selling units







# "Our choices at all levels—individual, community, corporate and government—affect nature. And they affect us"

— David Suzuki, <u>Suzuki Foundation</u>



Sustainability Laura Mendoza

## **Ecological Sustainability**

- The Logistics Directorate is designing initiatives that will:
  Support environmentally sound business processes
  - → Deliver a balance between cost efficiency and customer service
- ✓ Our initiatives are focused on:
  - → Increasing energy efficiency
  - Decreasing use of water consumption
  - Promoting the use of bio fuels whenever possible
  - → Reducing waste by capitalizing on recycling opportunities

## **Reduce Energy Consumption**

### Improve energy efficiency by 3% for fiscal year 2008 within guidance of EO 13423 & EISA 07

→ Current

Higher efficiency battery chargers
 Flat screen computer monitors
 WATTS utility data tracking

Exploring
 Solar Energy options
 T-5 Fluorescent/LED lighting
 Update conveyor software
 Conduct Energy Management Audit
 Building Automation System
 Replace batteries with hydrogen fuel cells



## **Reduce Water Consumption**

### ✓ Reduce water consumption by 2% for fiscal year 2008

- → Exploring:
  - Waterless urinals
  - Low flow nozzles
  - Low flow toilet devices
  - Use of Automatic faucets
  - Lawn sprinkler usage reduction



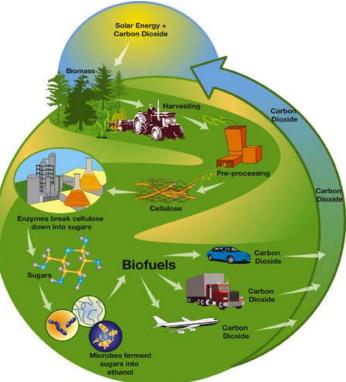


✓ Improve Fleet fuel utilization efficiency by 1% and reduce

- petroleum by 2% in 2008
  - → Increase Fuel Efficiency
    - Bio Fuel vs. Diesel
    - Driver Training
    - Auxiliary Power Units
    - □ Automatic Tire Inflation Devices

#### → Future Initiatives

- Aerodynamic Improvements
- Rolling Friction
- Smartway Transportation Partnership



alternative-energy-news.info



### Increase DC recycled waste by 25% for fiscal years 2008 – 2011

- → Recycling Programs
  - Cardboard
  - Scrap Metal
  - Pallets
  - □ Office Paper
  - Plastic
  - □ Tires
  - □ Engine Oil (OPS1)
  - Batteries







Collaboration Morgan Meeks

## Collaboration Opportunities

- ✓ Pursue cooperative efforts with other DoD agencies
  - → Share single TMS with other services
  - Offer consolidation service for export
  - → Offer van stuffing services for all services
  - → All services share volumes/negotiate rates
  - All services utilize AAFES fleet
  - → Collaborate on resale buying with all services
  - → Consolidate import functions
  - Distribution Center neutral replenishment
  - → Utilize Warehouse Ordering Web application



- Pursue strategic alliances with both internal and external supply chain partners
  - Place LG liaisons in SD
  - → Provide economic analysis to SD
  - → Work with SD to meet delivery dates ahead of competition
  - → Implement processes to reduce expedites
  - → Work upstream with Supplier's Logistics / Manufacturing





### Hunter Cole

Vice President

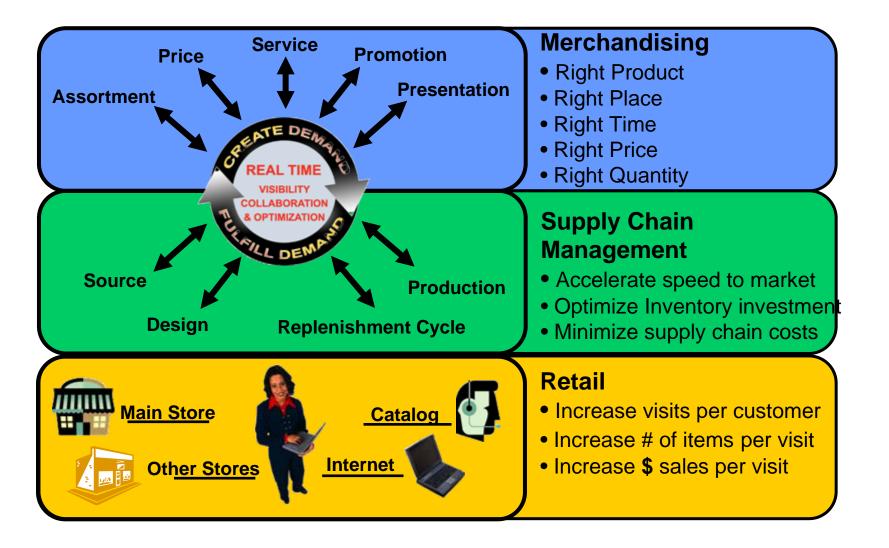
PAR





- ✓ Selection/procurement of retail products
- Replenishment of merchandise in AAFES Distribution Centers and Stores
- ✓ Aggressively pursuing new business initiatives
- Identify, develop and launch food concepts and personal/professional service activities
- ✓ Store/restaurant operating policies and procedures
- Ensuring quality goods and services





/AFES.



### PAR & LG Driving Success

#### ✓ Collaboration is Key:

- →S&OP Sales and Operations Planning
- → Leverage Vendor Capabilities

#### ✓ Visibility for Decisions:

- →Open to Buy
- CPFR Collaborative Planning, Forecasting, and Replenishment
- ✓ Efficiency of the Supply Chain:
  - $\rightarrow$  On Time Deliveries
  - → Shorten Vendor Lead Times
  - →Better Distributions/ Better Allocations / Better Sales!!!!

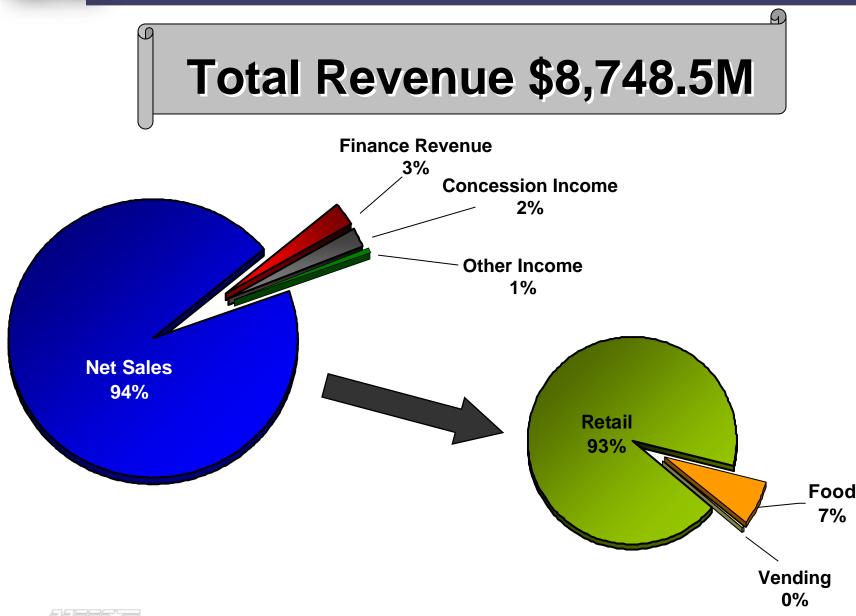




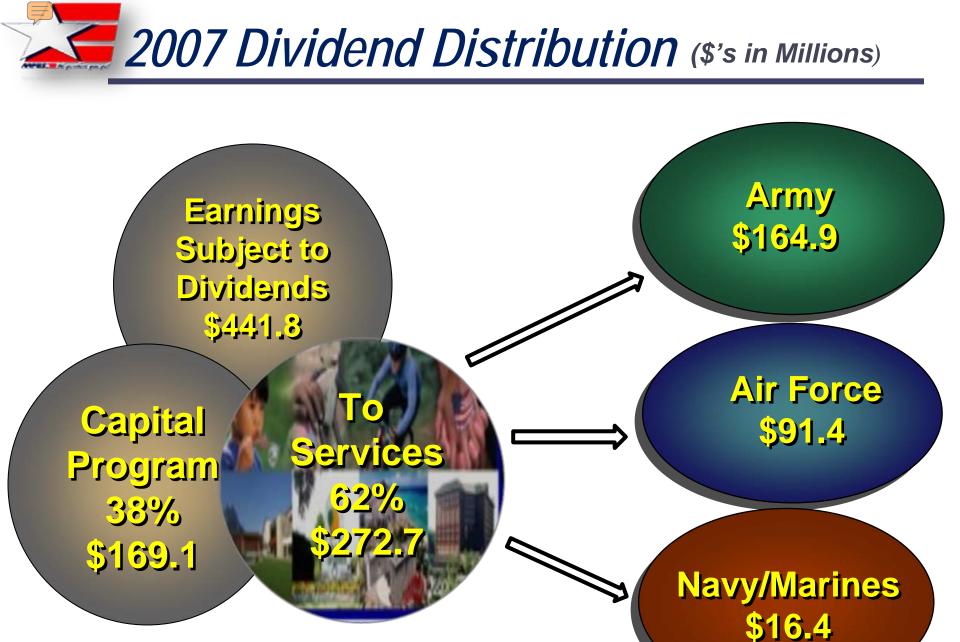
Presented by: Mr Harold Lavender Chief Financial Officer





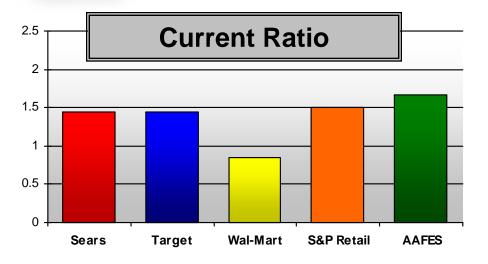


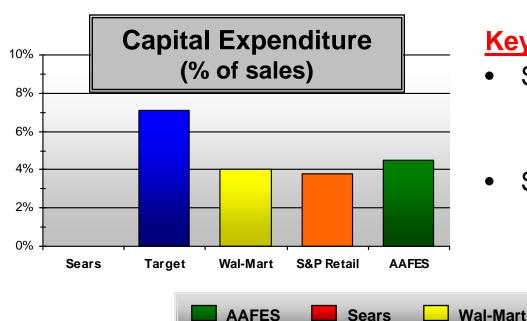


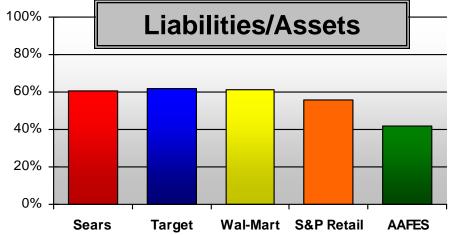


17 October 2008

### FY 07 Balance Sheet Ratios







#### Key Points

- Strong Balance Sheet
  - Highly Liquid
  - Low Debt Levels
- S&P Credit Ratings

Target

• Corporate Credit: AA/Stable

S&P Retail

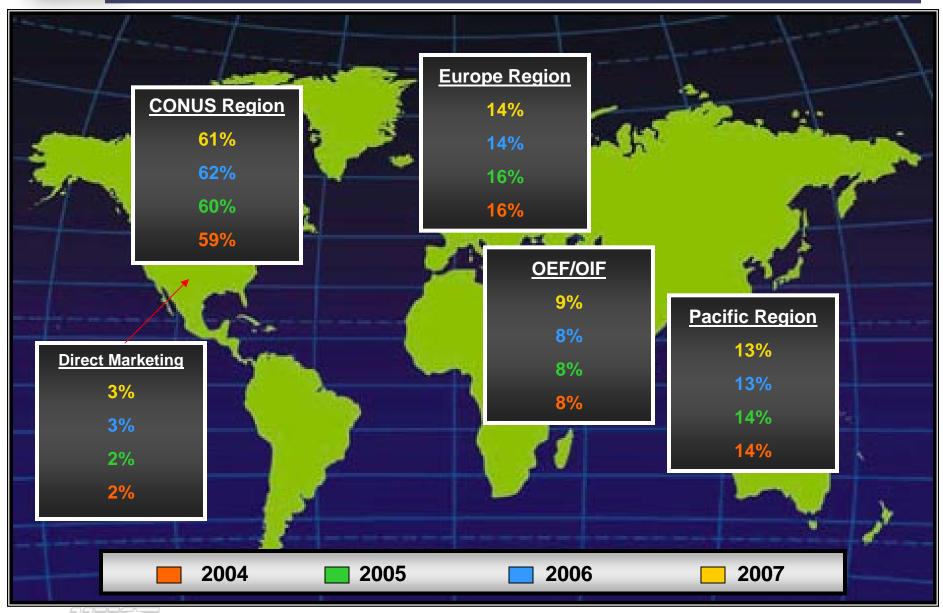
• Short-term: A-1+





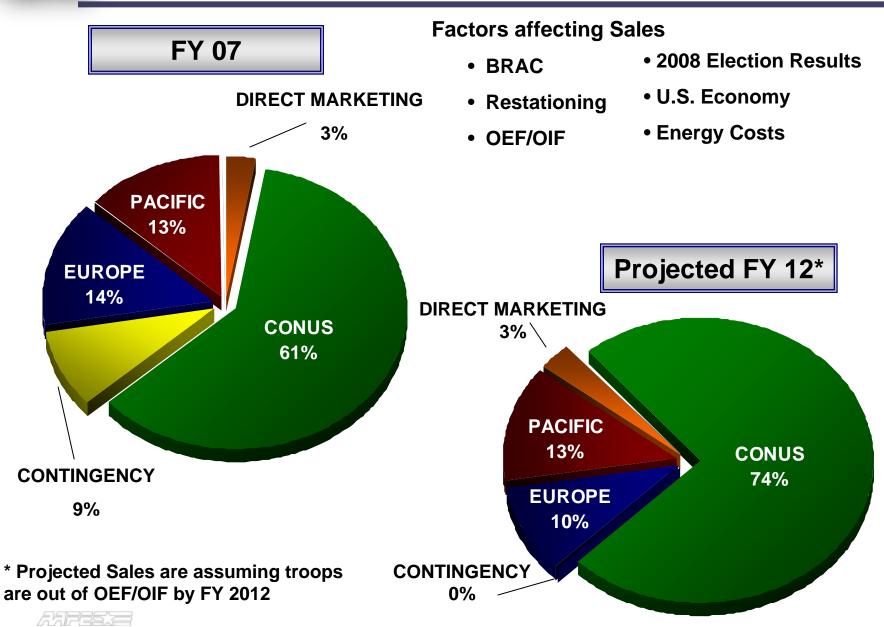
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## Shifting Sales (% of Worldwide Sales)

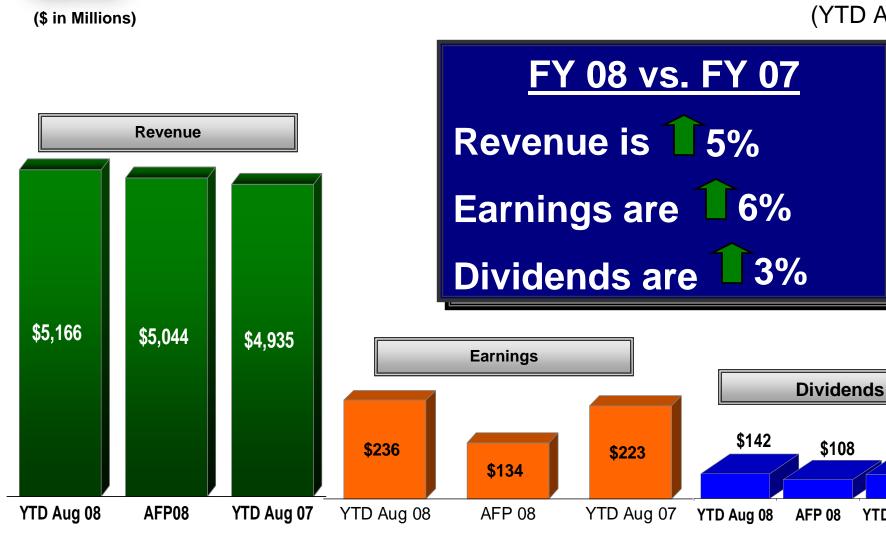


\*Percentages may not add due to rounding.

## *Current vs. Projected Sales*\*



### *Revenue/Earnings/Dividends*



Revenue Dividends Earnings

(YTD Aug)

\$137

YTD Aug 07

\$108





**Europe** 

Ramstein AB

#### <u>CONUS</u>

**Offut AFB\*** FT Drum

**FT** Riley

Minot AFB

Little Rock AFB

FT Polk

Randolph AFB

Charleston AFB

#### **Pacific**

Andersen AFB

**Eielson AFB** 

Kadena AB

FT Wainwright



#### **Total Expenditure: \$440.5M**

\* Already Opened



### **Major Systems**

Intelligent Purchasing Analytics Price Optimization PZ Transformation Voice Technology Warehouse Management











### Major Programs

Tuition Reimbursement (Degree Programs) Executive Development Program/Continuing Education Product Knowledge Training Certificate Programs Specialized and Job-Related Training Leadership Assessment







### Dividends to Services FY 00 – FY 07

Totals (in millions)			
Army	Air Force	Marines/Navy	<b>Total Dividend</b>
\$1,162.7	\$662.0	\$103.6	\$1,928.4

