2010 Army Corrosion Summit

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# Freedom's Guardian

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Agenda

• Overview of FORSCOM Requirements

• Pillars for Success
  ✓ Training
  ✓ Funding
  ✓ Technology
  ✓ Sustainment

• Positive Efforts
  ✓ CCP Strategic Plan
  ✓ Combat Corrosion Initiatives

• Conclusion

Improves Readiness
Reduces Costs
Active:
✓ 3 Corps
✓ 8 Divisions
✓ 36 BCTs
✓ 200K Soldiers
✓ 73K Rolling Stock
✓ MILCON Value:
  - FY10 - $3.7B
  - FY11 - $4.8B
Army Corrosion Program

Comprehensive Program Built on Four Pillars

Keys to Success

- Integrated approach with a designated lead
- Incorporated into a Strategic Plan
- Managed at every level
Training

Training: Cornerstone of Corrosion Prevention

- Make the investment in CPC training
  - Develop and execute new training courses
  - Incorporate principles of corrosion prevention into existing POIs
  - Develop the curriculum for Advanced Individual Training

- Develop strategy for disseminating information
  - Inform leaders
  - Update Technical Manuals and Bulletins
  - Develop hip-pocket training materiel
  - Utilize support teams who live on the installation
    - Command Maintenance and Assistance Teams (COMET)
    - AMC LARs
Funding

Funding: Establish a Discreet Budget Line at Each Level (PEO-PM / POM / TRM)

- Majority of CPC funding is embedded in Base Programs
  - Maintenance
  - Provisioning
  - Production Packaging
  - Storage

- Establish a more focused approach
  - Training PEG
  - Equipment PEG
  - Sustainment PEG
  - Installation PEG

- Maximize Matching Funds Program
  - Establish working level IPTs to capture requirements
  - Utilize Army Corrosion Board to prioritize
Technology Insertion

Application of Technology:

- Aircraft Covers
- Corrosion Service Centers / Mobile Spray Teams
- Nanotechnology – Anti-Corrosion Coating Products

Need a Smooth Transition for Technology Insertions
Sustainment

Prevent  Control  Monitor  Improve

• Field Level: Soldiers are the first line of defense (PMCS)
  ✓ Active Recognition
  ✓ Employment of prescribed corrosion control practices
  ✓ Executing Corrective Measures
  ✓ Proper Reporting

• Sustainment Level: DOLs, Depots, Contractor Support are critical to corrosion prevention
  ✓ Reset of High Tech Systems
  ✓ MWO Applications
  ✓ Corrosion, Prevention and Control Teams
  ✓ Application of Corrosion Prevention Solutions

• Corrosion can only be mitigated if it is managed at every stage throughout the life cycle
'There Are Positive Efforts

A Holistic Approach and a Unified Effort Will Take Us to the Next Level

• Creation of the Army Corrosion Control and Prevention Strategic Plan
• Articulation of policies, strategies, and objectives to ensure effective program
• Applicability to all elements of the Army AC, AR, NG
• AMC (TARDEC) establishment of Corrosion Control centers at Hood, Bragg, Polk and Stewart
• Future Centers scheduled in FY10 (5) and FY11 (8)
• FORSCOM / AMC (AMRDEC) Current Partnership for:
  ✓ Helicopter Expanded- Polytetrafluoroethylene (ePFTE) Covers
  ✓ A study is currently underway for CH-47, UH-60 (NG Testing)
Conclusion

Synchronize Efforts

- Understanding of Roles and Responsibilities
- Agreement on Organizational Structure
- Defined funding and training strategies
- Set a goal to mitigate the impact of corrosion across the Army
- Initiate a strategy that supports the four pillars of the program

Unified Army Program

Army Develops Corrosion Policy

Develop Strategy

Produce Initiatives
Questions and Discussion