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PURPOSE: To discuss with the NDIA Leadership the Warfighters perspective on Ammunition during OIF-05-07 (Oct 05-Sep 06)



AGENDA

- Class V Operation Overall
- Force Protection Challenges
- Non-Lethal Munitions
- Retrograde
- Questions
- Conclusion

The background of the slide is a collage of military-related images. At the top, a soldier in camouflage gear is seen from the chest up, looking towards the right. Below this, on the left, is a close-up of a tank's turret and tracks. On the right, there is a view of a missile launcher system with several missiles mounted on a rail. The overall tone is serious and military-oriented.

3rd COSCOM
Class V Operation Overall



ARMING THE FORCE



- Managed over 400 Ammunition Types
- Directed 4 Ammunition Storage Points
- Cross-leveled 12,660 short tons worth \$400 million
- Retrograded 3,500 short tons
- Expanded from 2 Ammunition Transfer Holding Points to 11
- Provided quality assurance for FOB closures
- Fielded 13 SAAS-MOD systems for Army Transformation



UNCLASSIFIED

FORCE PROTECTION

Forecasting, storing and transporting ammunition in a counter-insurgency (COIN) Environment.

Containers:

Challenge - We are still currently using non-hardened 20' metal containers.

Recommendation - Develop a container that would mitigate the explosive affects of a Hazard Class Division 1.1 munition.

Transportation:

Challenge - The ability to quickly and safely respond to ammunition requirements is a joint expeditionary environment.

Recommendation - Continue to develop a containers and packaging system such as the Joint Modular Intermodal Container (JMIC) that eliminates a ammunition signature and the requirement for further containerization.

Storage:

Challenge - The breadth of ammunition to support counter-insurgency operations (COIN) from forward operating bases requires a significant footprint.

Recommendation – Develop a lightweight, air transportable revetment system that can be rapidly established. 1 System 6 x 20' and 30K NEW

NON-LETHAL MUNITIONS

There was an increase use of non-lethal munitions during the deployment for operational reasons.

Challenge - Supply vs. Demand... not enough availability in the manufacturing base due to single source vendors

Recommendation:

- Expand the current manufacturing base to produce more non-lethal munitions.
- Recommend industry develop a menu of non-lethal configured loads that covers our current breadth of weapon systems.
- Continue the aggressive pursuit of developing non-lethal ammunition options for future weapons systems.

RETROGRADE OF AMMUNITION

As we departed theater we had completed the retrograde of 209 MILVANS of ammunition with 106 in the queue.

Challenge - The retrograde of unserviceable ammunitions is resource intensive: security, Soldiers, transportation, and line-haul operations

Recommendation:

- Continue development of an accurate, deployable and durable ammunition counting and assessment machine to expedite the counting and inspection process like the Automated Tactical Ammunition Classification System (ATACS).
- Consider possible an electronic means for tagging and identifying unserviceable ammunition

Challenge: Durability of our ammunition after it leaves the packaging

Recommendation - Continue the development of a light weight cartridge from non-porous material, possible a polymer, that reduces oxidation and weight by 30%. (Lightweight Small Arms Technology)

CONCLUSION

- **Feedback from the perimeter**
- **Synchronize our efforts...minimize stove pipe systems**
- **Success on the battlefield is a TEAM sport...Military / Civilian / Industry...**
- **Leverage Technology used by other Services**
- **Forecasting unpredictable respond/surge**
- **Industry enables us to.....**



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Ammunition Adage



A Soldier can survive in Combat...

- ✓ Forever Without Mail
 - ✓ 30 Days Without Food
 - ✓ 3 Days Without Water
 - ✓ 3 Minutes Without Air
-



But not one second without ammunition!



A soldier in full combat gear, including a tan helmet, goggles, and a tactical vest, is giving a thumbs up gesture. The soldier is positioned in front of a large, dark, rectangular object, possibly a piece of equipment or a vehicle. The background is a blurred, outdoor setting with some structures and a hazy sky. The text "GO ORDNANCE!" is overlaid in red, bold, italicized font across the center of the image.

GO ORDNANCE!