

National Small Arms Center Update - A Look Back and A Look Forward

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Agenda

- **A Look Back – 5 Years of Lessons-Learned**
- **A Look Forward**
 - **Growth/Change**
 - **Solicitations**
 - **Governance**
 - **Future Activities**
- **Conclusions**

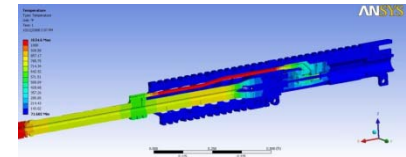
A Look Back

- Over \$20 million dollars and 40 plus awards in fiscal years FY05 through FY09
- Four major “so-whats”
 - **Lightweight Case Alternatives to Cartridge Brass**
 - Polymer not yet ready
 - Stainless Steel as promising candidate
 - **Tracker Projectile**
 - University conceived/funded
 - War-fighter interest



A Look Back

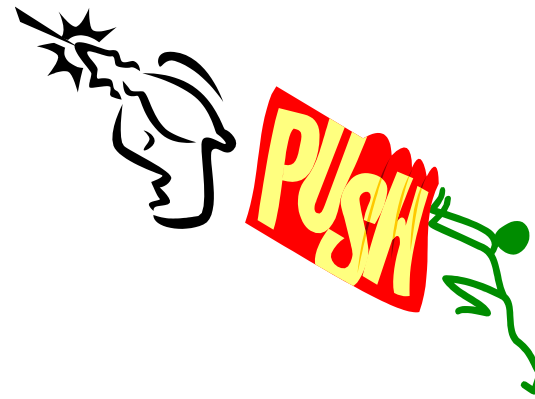
- **Thermal Modeling**
 - Spawned from USMC IAR program
 - Multiple generations
- **Advanced Technology Objectives**
 - Advanced Fire Control
 - Enhanced Lethality
 - *We now have a more informed sense of the state-of-the-art*



A Look Back

- **Information Exchange**
 - **Member Meetings**
 - Muddy Boots
 - Muddy Brains
 - Expert Subject Matter Speakers
 - National Labs
 - Congressional forums

“ I belong to a few of these type associations but I get more “take-aways” from one of these meetings than I get from all of the other forums combined. You do a great job in executing these meetings!”



A Look Back

- **Member Influences**
 - Request for Business Development Proposals
 - PM Face-to-Face White Paper Briefs
 - Synchronization of Budget/Proposal Activity Scheduling.
 - White Paper Impacts on JSACA/CBA Structure
- **Partnering**
 - USAIC Sponsorship
 - NSATC-ARDEC CRADAs
 - Significant non-traditional member activity

A Look Forward - Growth

- Annual membership increases.
- Acquisition Function moved to the National Business Center, Department of Interior @ Fort Huachuca AZ
- Meeting venues and agendas expanded to encourage attendance and participation
 - Muddy Boots
 - National Labs
 - Muddy Brains



A Look Forward - Solicitations

- **FY 10 White Paper Call**
 - 29 Submissions
 - Top-Ten Presentation to PM community including multi-service audience
- **FY10 Request for Project Proposals**
 - 5 Submissions
 - Entire FY10 program obligated
- **FY10 Request for Business Development Proposals**
 - 19 Submissions
 - Connectivity to White Paper Process

A Look Forward - Solicitations

- **FY10 Request for Project Proposals**
 - **5 Submissions – all received awards**
 - **Award Status**
 - Dindl Consulting: Non-lethal Breaching Munition (**\$148K**)
 - AAI Corp: Advanced Fire Control Power and Information Management System (**\$309K**)
 - AAI Corp: Combined Lethal and Non-lethal Munitions (**\$276K**)
 - Dynamic Flow Form: Flowform of super alloys into Machine Gun Barrels (**\$682K**)
 - AAI Corp: Enhanced Fragmentation for Small Arms Warheads (**\$360K**)
 - Options for all of the above would total additional \$10 M

Results suggest we have benchmarked Advanced Fire Control and Enhanced Lethality Technology Thrusts via three year survey

A Look Forward - Governance

- **New Executive Committee Member Elections**
- **Disposition of Single Point Entity Decision**



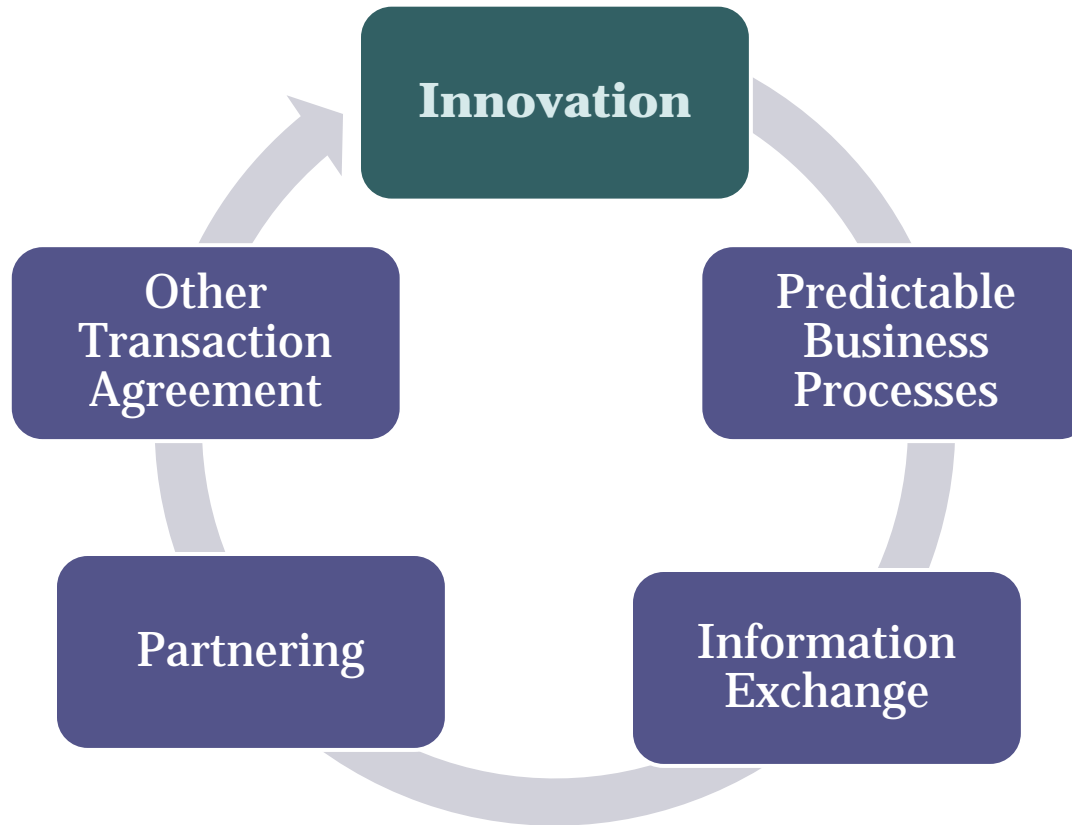
A Look Forward - Future Activities

- **Semi Annual Meetings**
 - **Columbus Ohio: 22/23 June 2010**
 - **Columbus Georgia: December 2010 (tentative)**
- **FY11 Request for Project Proposal (Summer)**
 - **“DARPA-Style” Excellence Challenge – Next Generation Small Arms Systems**
- **FY 11 Call for White Papers (Summer)**

Conclusions

- **Second OTA underway**
- **Interim Acquisition Strategy places us back on track**
- **Member activity on the upswing**
- **Meeting content continues to mature**
- **First Five Year program provided USG with a realistic technology benchmark on Advanced Fire Control and Enhanced Lethality capability alternatives**

The Bottom Line



Membership Information: www.nationalsmallarmscenter.org or call Ms. Barbara Byrnes at 703-212-8030, ext 223