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

Innovation

Other Transaction Agreement

Partnering

Predictable Business Processes

Information Exchange

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