

Armament Division Strategic Discussion Topics

Synergistic Themes



Small Arms Systems

“Supporting the Combat Unit to Combat Support of Terrorism”

Guns and Ammunition

“Applying Technology to Meet Emerging Threats”

Missiles and Rockets

Implementing the Themes

Responsive to Transformation

Objective Force

FCS
OFW

Linking Our Resources Achieves the Goal



Armament Division Strategic Topics



1. Strengthen division/committee links with DoD
 - Ensure active sponsor
 - Meeting: chair with sponsor 2x per year
2. Ensure “people” focus “add value”
3. Are all symposium “quality and value” focused?
 - Volunteer organization — a strength to apply!
 - Ensure key leadership participates
4. NDIA vs. “for profit” conference groups a challenge for quality!
5. Does executive committee have the appropriate expertise and mix?
It’s not just armament, it is system integration platform, fire control, target acquisition, logistics
6. Do we still have an image of “NDIA is the symposium I want to go to?”
7. Joint programs with other organizations? Pros and cons?

Armament Division Leadership Opportunities



- Capture “lessons learned” to shape evolving technology, systems, and operations
- Life cycle innovation
- User linkage → adapt systems to evolving threats/scenarios and operational needs — capability focus
- Leveraging synergism
 - Technology
 - System integration
- Spiral development benefits
- Answer “What is Armaments Division Role in Homeland Defense?”
- Committee participation and leadership
- NDIA linkage: Divisions — Committees — Chapters



Armament Division Strategic Plan 2003 “Challenges”



- Expand user community participation effectively — presentations and committee membership
- Focused attention to DoD initiatives to ensure responsiveness/awareness – Transformation — Objective Force
- Capture “lessons learned” to shape change
- Challenging panel discussions
- Relevant topics and executing Value Added STUDY with “meaty” recommendations
- Synergistic dialogue with other NDIA divisions/sections
- Linking common benefits sections to chapters

Response to Challenge → Response to DoD Initiatives
→ Ensure Value Added
→ Establish Partnerships

Armaments Division Synergism



Small Arms System

- Operational synergism
- Technology commonality
- Convergence in Systems Integration
- Network applications

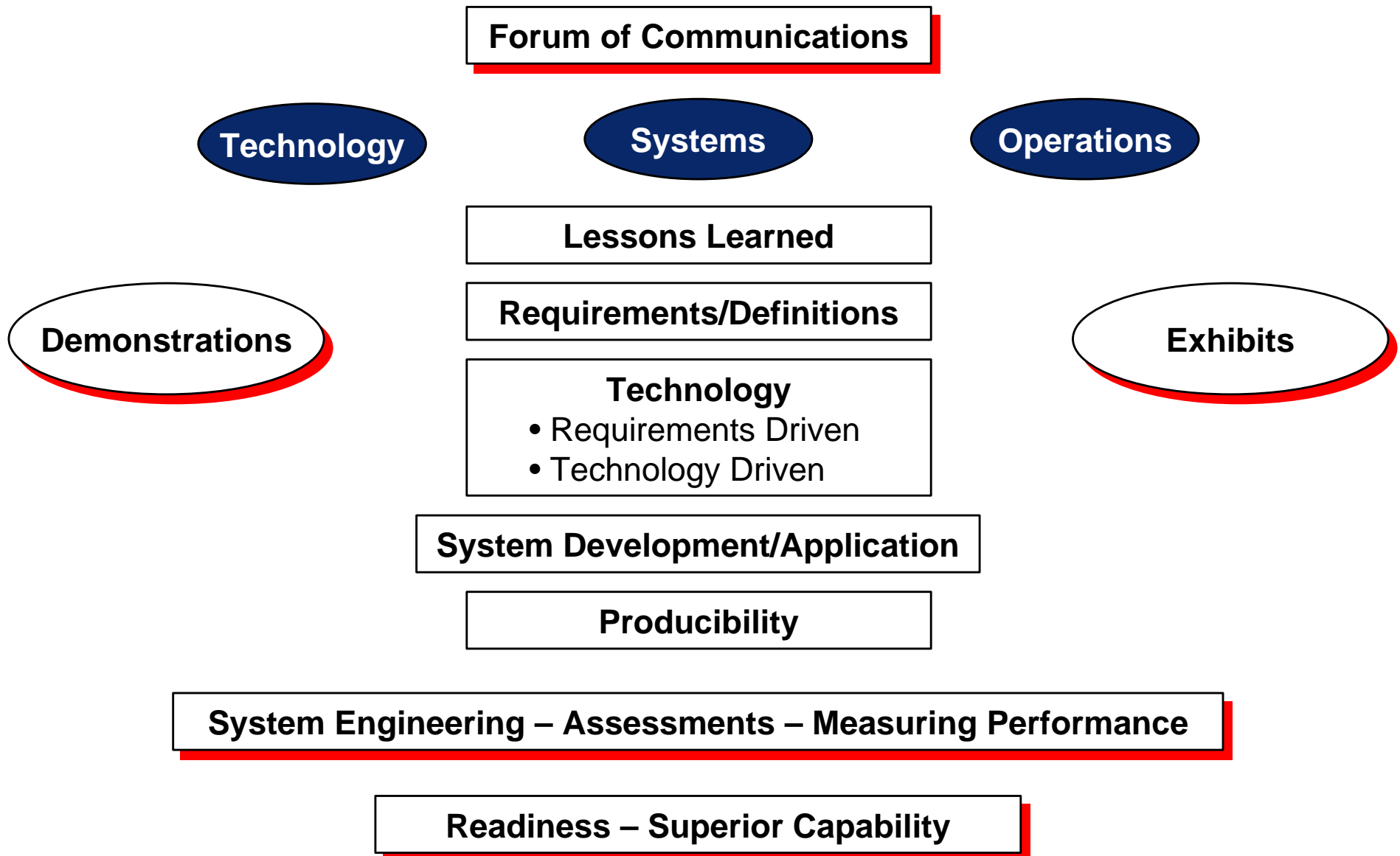
**Superior
Capability
Through
Synergism**

Guns and Ammunition

Missiles and Rockets

Complimentary Technology, Integration, and Operations

Leveraging Adds Value Throughout Life Cycle



Activities Supporting Small Arms Community

- Strong and relevant symposium programs
- Exhibits demonstrate Innovation — address Readiness
- Effective demonstrations and tours
- Committee of Small Arms Producers (CSAP) leadership
 - Assess issues and approaches to maintain/strengthen small arms readiness . . . industry base . . . DoD activity
 - “Small Arms Center of Excellence”

National Small Arms Center

- Plans to implement moving forward
- Similar to Warheads and Energetic Technology Center (WETC)
- Dialogue and discussion shaping to structure

Maintaining Legacy Readiness and Achieving the Objective Force Vision

Future Combat System

Objective Force Warrior

Applying Technology, Integration, Products to Multiple Needs

Small Arms Committee Challenges

- Understanding and responding to vision
- Addressing **“Soldier as a System”** including lethal elements
- “Outside the box” approach to systems
- Innovation → operations, integration, technology
- Effective technology insertion with “value added”
- Applying spiral development
- Ruggedness
- Affordability
- Knowledge transition and mentoring

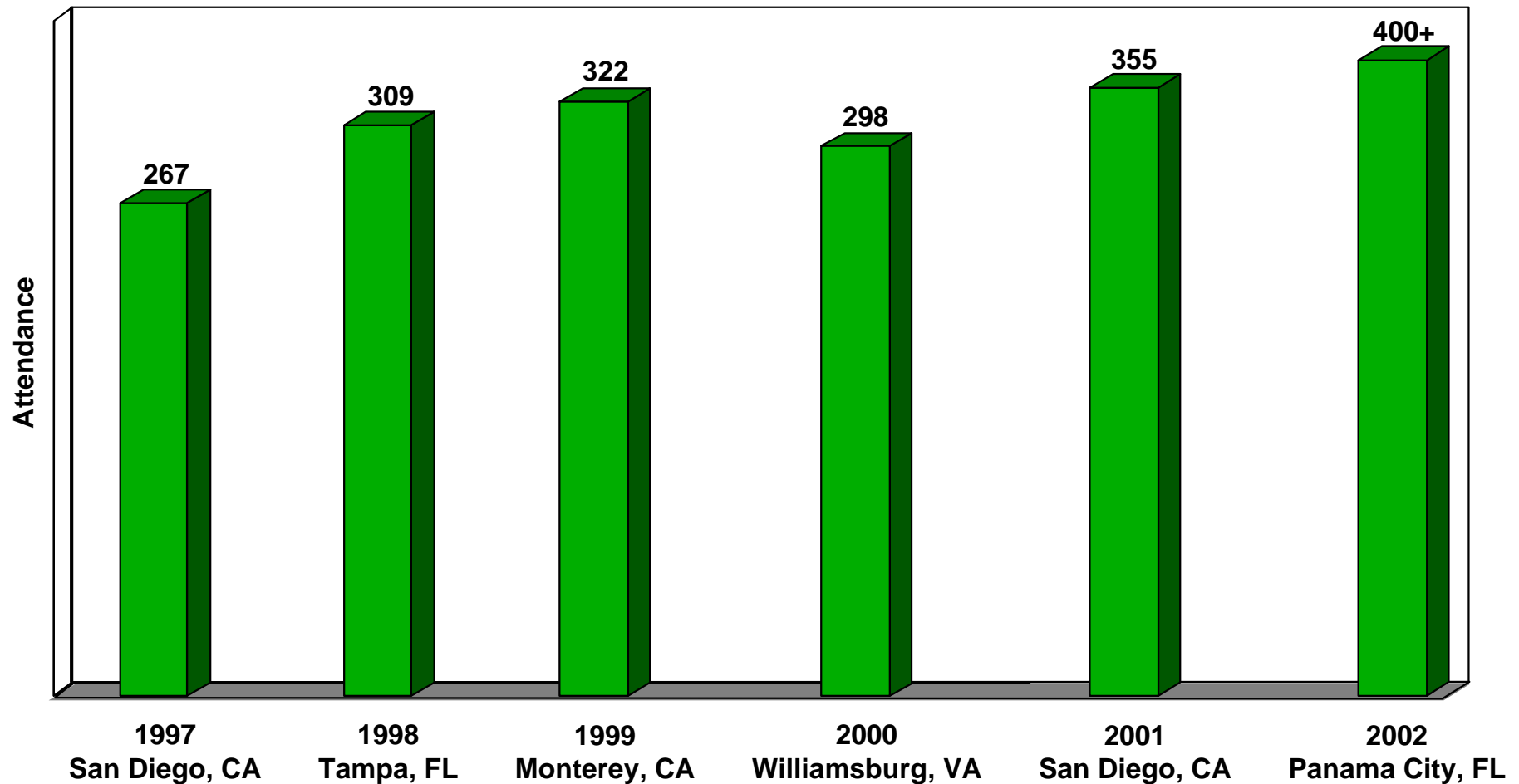
**Linking and Integrating with Objective Force
Strengthened by Linking with Other NDIA Elements**

Armament Division Section Attendance



Guns and Ammunition

- Stable interest
- Balanced community
- Evolving Section scope to expand participation
- Integrating Munitions Division



Observations: Guns and Ammunition



1. Strong attention to FCS platforms
 - Manned
 - Robotic
2. System focus with objectives
3. Recognizing capability focus
4. Complementary capability emerging
5. Technology is enabling new concepts

Observations: Missiles and Rockets



1. Complementary capability addressed effectively
2. Technology readiness enables complementary system
3. System integration must be focus
- 4.



Armament Division = Supporting the Vision



Legacy Systems

- Readiness
- Product improvement
- Lightweight capability

Future Technology/Systems

- Technology Readiness
- Technology enhancement

Objective Force

- Definition
- Development
- Introduction
- Spiral development

Challenge

- Defining systems for FCS/Objective Force
- Networked firepower
- Apply advanced situation awareness

Linking – Government and Industry – Achieving Objectives

Ensuring Capability Readiness Today and in the Future

Innovation

Responsiveness

Openness

Partnerships Industry ® Development ® User

- Ensuring transformation focus
- Responsive to user operational concepts
- Readiness today and future
- Technology assessment and evolution
- Management and engineering processes
- High quality
- Affordability
- Knowledge transition mentoring