National Defense Industrial Association (NDIA)

Armament Division

2000 Division Status

13–16 August 2001
National Defense Industrial Association (NDIA)  
Armament Division 2000 Division Status  

Performing Organization Name(s) and Address(es)  
Armament Division  

Sponsoring/Monitoring Agency Name(s) and Address(es)  
NDIA (National Defense Industrial Association) 211 Wilson Blvd, STE. 400 Arlington, VA 22201-3061  

Supplementary Notes  
Proceedings from the 2001 Joint Services Small Arms Symposium, Exhibition & Firing Demonstration  
13-16 August 2001 Sponsored by NDIA  

Abstract  

Subject Terms  

Report Classification  
unclassified  

Classification of Abstract  
unclassified  

Number of Pages  
24
Overview Topics

• NDIA Highlights

• Armament Division
  – Small Arms Section

• Committee of Small Arms Producers

• Government Policy Committee

• Wrap Up
NDIA Highlights – 2001

• New NDIA president: Lt. General Lawrence P. Farrell, Jr. – USAF (retired)
• Thanks for leadership of Gen. Skibbie
• Effectiveness of Government policy committee
  – Key issues
    - 2001
      - 2002 in process
• Effective division review critique — strengthen responsiveness to members
  – Ensured quality, “value added,” and effectiveness
  – Attention to strategic plan
• Effectiveness of National Defense Magazine
  – Membership use
  – DoD reference
Purpose

Superior Technology and Systems — Readiness — Affordability

Provide organizational focus to armament systems used by U.S. and allied countries and to address other topics relevant to armament systems total life cycle.

- “Lessons Learned”
- Deficiencies/needs
- Requirements pull/technology push
- Development
- Deployment
- Operations
- International cooperation
- Acquisition
- Affordability
- Supportability

Life Cycle Focus

Acquisition Management
Objective: Coordinated Focus and Vision for Armament Systems

Armaments Division

- Small Arms
  - Russ Logan
- Guns and Ammunition
  - Scott Martin
- Rockets and Missiles
  - Joe Fitzgerald
- Future
  - TBD

Munitions Division

Integration

New Section

2000

Themes, areas discussed; no specific action

Seeking Cooperation with Related Sections
Armament Division Attendance Summary

As part of ARDEC Fire Power Symposium

Growth Objective 2001

Core Attendance 300 300 Solid Growth Potential

Attendance

1997 & 1998 316 287
1999 529 343
2000 343
2001 343
1999 322 298 360
2000 322 298
2001 322 298
1999 133
2000 Missiles and Rockets 147
2001 133
Small Arms Division

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DoD Focus Initiatives

Examples:
- Transformation
- Medium Brigade
- Modeling and simulation → SMART
- Training
- Maturing the Master Plans
  - Small Arms
  - Medium Caliber

Purpose:
- **Common** user, acquisition, developer, and industry emphasis
- **Clarifies** objectives, challenges, and readiness
- **Adds Value** to NDIA meetings and membership
- **Links** the community → builds partnership

Adding Value and Interaction — Strengthen Teamwork and Readiness
Armament Division Focus Emphasis

1. Maintain strong user, R&D, and production topic
2. Expand attention to
   – Training
   – Supportability
   – Synthetic Environments (SE)
     • Modeling
     • Simulation
3. Attention to relevant NDIA top issues
   – Government policy
4. Revitalize the workforce — aging transition
5. Ask question “Is acquisition process on track reflecting
   – Downsize
   – Technology evolution
   – Evolving structure?”
Armament Division Strategic Plan 2001
“Challenges”

- Involve the user community effectively
  - Presentations and committee membership
- Focused attention to DoD initiatives to ensure responsiveness/awareness
  - Medium brigade/transformation
  - Modeling and simulation
  - Life cycle management
- Finding relevant topics and executing Value Added STUDIES with “meaty” recommendations
- Establish synergistic dialogue with other NDIA divisions/sections
- Connecting division/section to local; chapters and establish value
- Linking to NDIA Government Policy Committee

Response to Challenge → Ensure Value Added
                      → Establish Partnerships
                      → Enhancing Readiness
Armament Division Strategic Plan 2001

Vision
- Armament Division Sections relevant to DoD objectives/thrusts
- Activities which are high quality and provide value added

Organization
- Evolve Executive Committee to leadership (not only symposium planners)
- Mentor new leadership and plan transition
- Support NDIA organization efficiency

Meetings/Attendance
- Maintain/grow attendance 10-20% above 3 year trend
- Improve NDIA revenue
- Continue to grow exhibits
- Expand/utilize demonstration effectively — on selected basis

Section(s)
- Solidify “Missiles and Rockets” as a Section
- Establish new relevant Section
Small Arms Section Focus

- Communicating understanding of small arms activity/concerns
  - Technology
  - Systems
  - Training
  - Supportability
  - Requirement
  - Political impacts
- Topics relevant to total small arms systems
  - Legacy system
  - New system
  - Technology
  - Supportability
- User influence — full life cycle

Connecting User — Acquisition — Industry for Effective Partnerships — Ensures Readiness
CSAP Overview

• Sponsors: AMC and NDIA
• Membership
  – Industrial base
  – Government
• Quarterly meetings — specific topics
• Issue White Papers
  – Industrial base . . . . funding . . . . tie to readiness
    - Small arms is a critical resource
    - Evolving programs and technology
      • Legacy systems — ensuring readiness
      • New systems — timely transition
  – Industry access to R&D resources
    - Foreign unique armament technology
      • Import/export availability
Army Science Board Finding – Key Points

• Procurement of Legacy systems matures in FY02–FY05
  – Spare parts and repair is key
• Procurement quantity does not support multiple sources
• Specialized process and know how exist but
  – Modern approach should be applied
  – New technology must be utilized
  – International resources
→• Insufficient rationale to protect base
→• Improvements in acquisition and management of system are needed

CSAP Is Helping to Identify Approaches
  – Strengthening Small Arms Community
  – Ensure High Level Readiness
Key Activities

• Addressing issues related to small arms industrial base
  – Resources
  – Capability
  – Evolution
  – Product transition
• Ensuring small arms readiness
  – Modernization/recapitalization
  – Supply
  – Quality
  – Spare parts
• Ensuring small arms programs are effectively funded and transition effectively
• White Papers
• Resource and capability assessment/utilization
NDIA Top Issues for 2001

- A Coherent National Security Strategy for the 21st Century
- DOD Modernization
- Enhance Readiness
- Revolution in Business Affairs
- International Trade Process
- Revitalize the Defense Workforce
Issue 1 | Seeking a National Security Strategy for the 21st Century

Ø “Peace Dividend” reductions deeply impact
   • Readiness
   • Modernization

Ø Policy of Engagement stretches reduced forces to limit

Ø Shortfall $51 billion

Recommendation

• Balance national security strategy and resources
  – Ensure meeting commitments
**NDIA Top Six Public Policy Issues for 2001**

**Issue 2  DOD Modernization: Recapitalization and Transformation**

- Current equipment
  - Aging
  - Cost of ownership → prohibitive
- Recapitalization extends life — reduces ownership cost
  - Rebuild
  - Technology insertion
  - Operational upgrades
- Transformation
  - Develop forces and equipment for strategic mobility

**Recommendations**

- Increase DOD top line → readiness (near term — future)
- Focus DOD to defense needs — budget effectiveness
- Robust science and technology
NDIA Top Six Public Policy Issues for 2001

Issue 3 | Enhance Readiness: Training and Logistics

Ø Training → ensures “Best Forces”

Ø Logistics → has been and remains Major Discriminator

Ø Modernization must be done

Recommendations

- Acquisition policies fostering innovation in training
- Robust funding for simulation and training
- Distribution based logistics
- Improved information management
NDIA Top Six Public Policy Issues for 2001

Issue 4  Revolution in Business Affairs (RBA)

Ø Support at DOD level must evolve to grassroots
Ø Civil–military integration change must continue
Ø Processes must continue to change
Ø Commercial sourcing must be encouraged

Recommendations

• RBA training and education
• Change FAR to encourage commercial activity
• Oppose legislation to block commercial sources
NDIA Top Six Public Policy Issues for 2001

**Issue 5 | International Trade-Processes**

Ø Reform U.S. export law, regulation, processes
Ø Reform **must** reflect defense use of commercial technology
Ø Promote Defense Trade Security Initiative (DTSI)
Ø Strengthen defense export loan guarantee program(s)
Ø World Trade Organization (WTO) attention to defense products

**Recommendations**

• Implement DTSI
• Annual review of export regulations
• Strengthen loan guarantees
• Support tax law changes and leverage WTO position
NDIA Top Six Public Policy Issues for 2001

Issue 6 | Revitalizing the Defense Workforce

☐ National security workforce challenges
  • Public
  • Private

☐ Downsizing resulted in aging cross section

☐ Private sector does not effectively attract emerging engineering talent

☐ Defense Science Board (DSB) guidelines for industry revitalization

Recommendations

• Support legislation to reshape workforce (pilot program)
• Measure effect and expand pilot program
• Support implementation of DSB guidelines
Armament Divisions Initiative 2000–2001

- Effective annual symposium feedback → measure benefits — “Value Added”
- Ensure NDIA strategies are relevant
- Challenge each section to identify top three (3) topics requiring attention
  - Strategies
  - Issues
  - Thrusts
- Continue to seek opportunities for “shared meetings”
  - Guns and Ammunition plus ?
  - Small Arms plus ?
  - Rockets and Missiles plus ?
  - Local chapter connections?
- Identify, prepare, and communicate relevant White Papers
NDIA Focus

Addressing Issues Critical to Small Arms Section

Armament Division Focus
• Strong interest and participation
• Linked to key DOD and service strategies
• Effective use of exhibits and demonstrations
• Linked to CSAP
• Government Policy Committee value added
• Transitioning membership and participation profile
  – Age distribution

Establishing a Vision for 21st Century Partnership