

Report to Small Arms Section

National Defense Industrial Association (NDIA)

Armament Division

2000 Division Status

13–16 August 2001

- NDIA Highlights
- Armament Division
 - Small Arms Section
- Committee of Small Arms Producers
- Government Policy Committee
- Wrap Up

- 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

Superior Technology and Systems — Readiness — Affordability

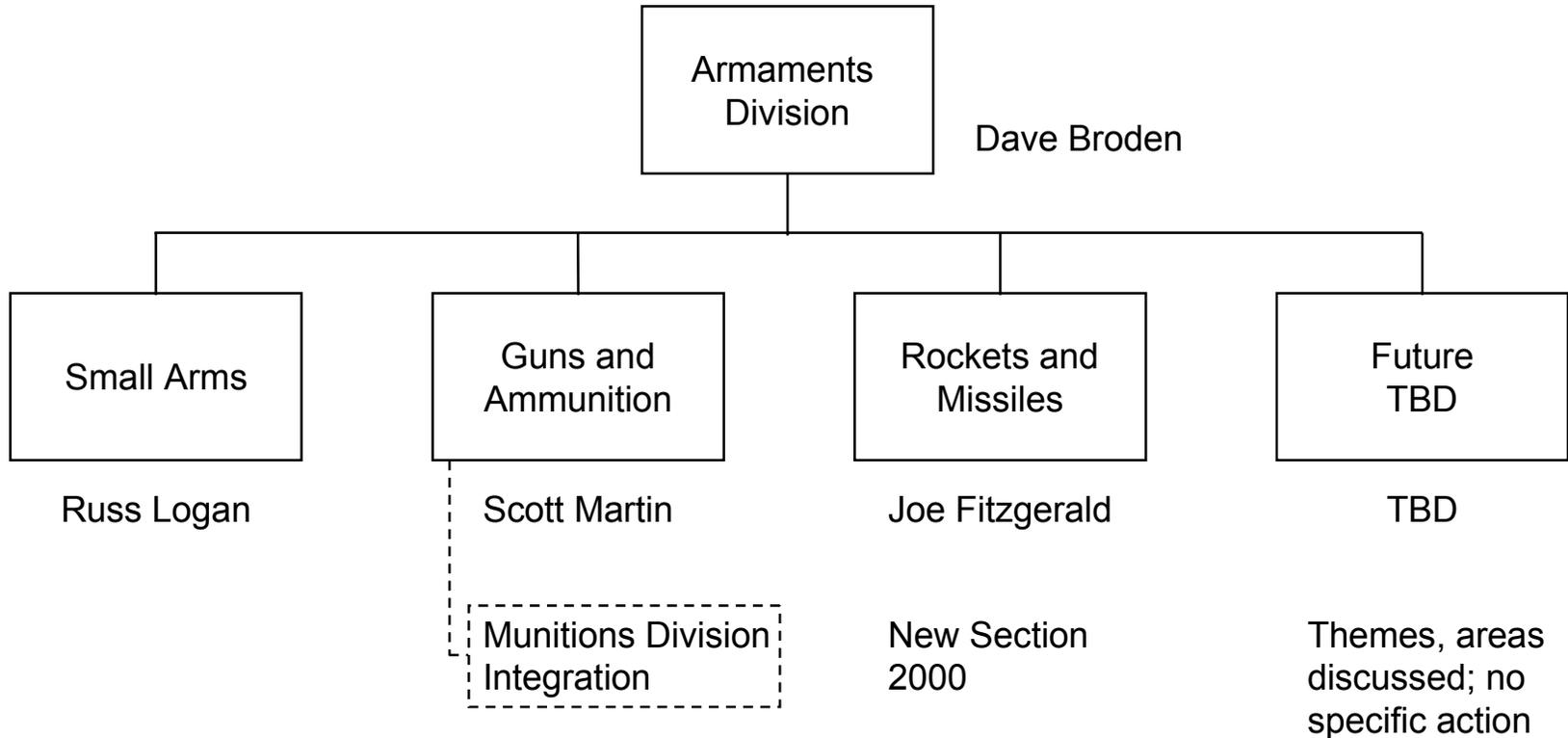
Provide organizational focus to armament systems used by U.S. and allied countries and to address other topics relevant to armament systems total life cycle

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

Life Cycle Focus

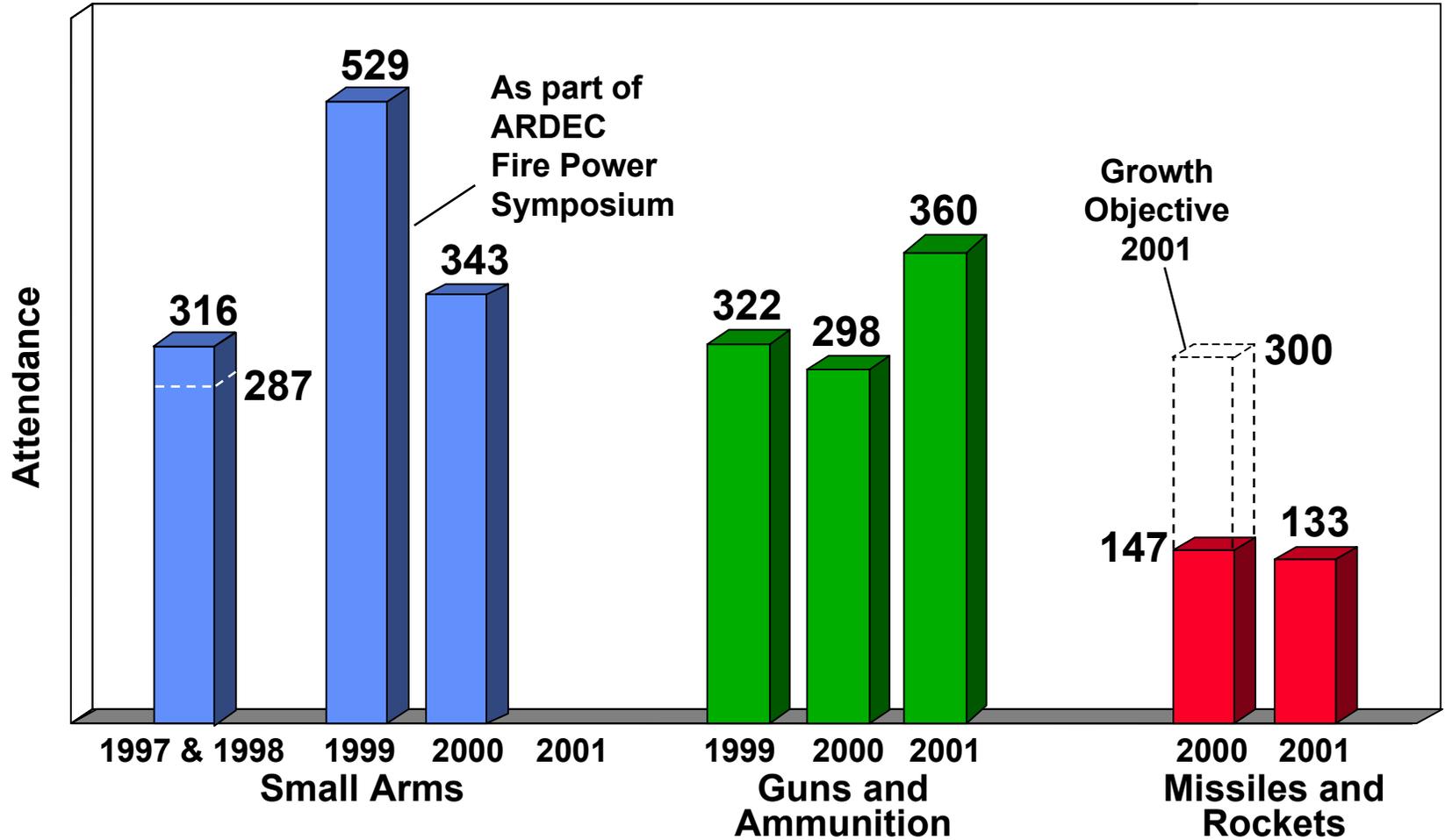
Acquisition Management

Objective: Coordinated Focus and Vision for Armament Systems



Seeking Cooperation with Related Sections

Armament Division Attendance Summary



Core Attendance

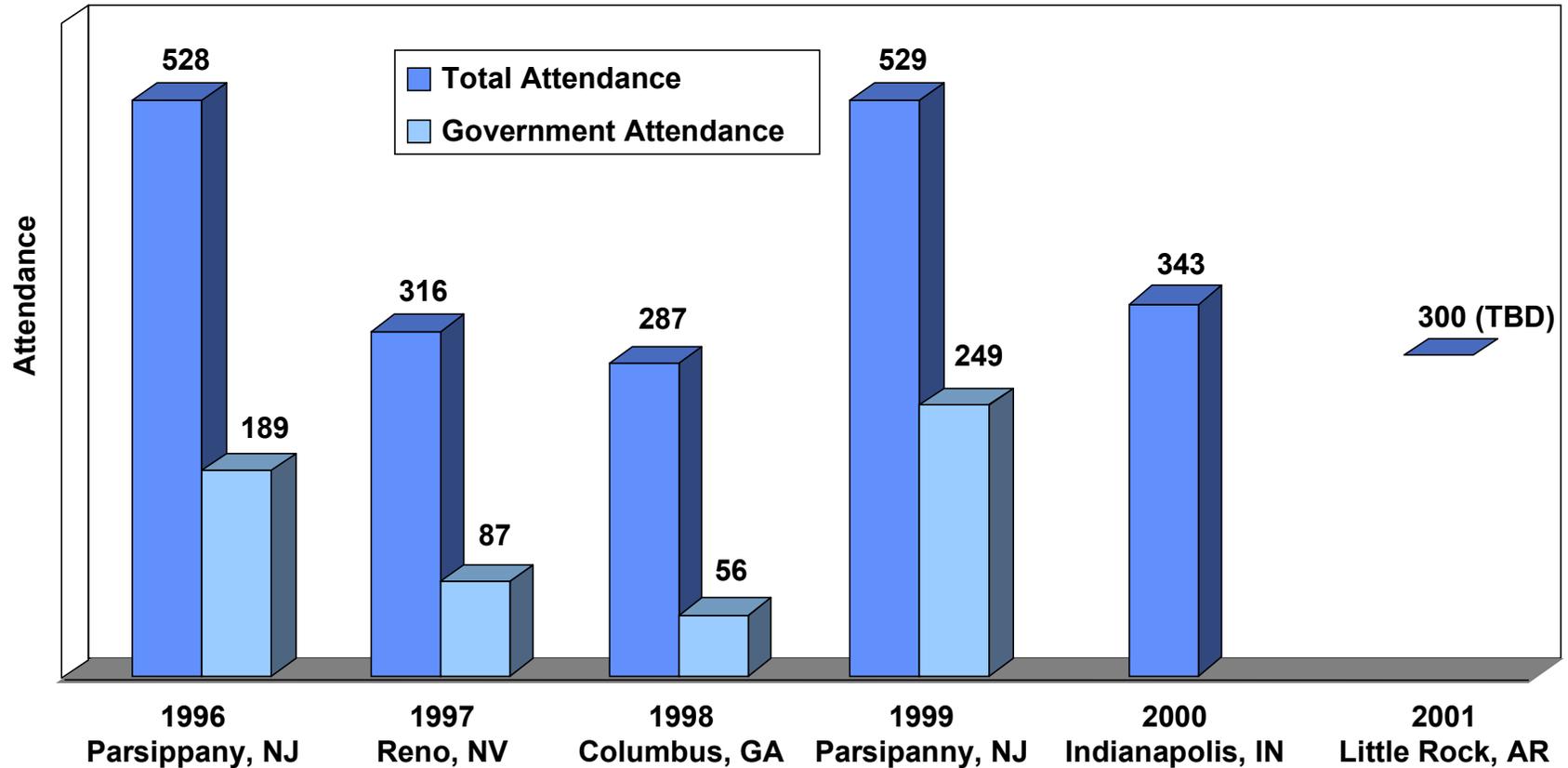
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Solid Growth Potential

Armament Division Section Attendance

Small Arms Division



Focus on DoD, Specific Service, or User 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

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**

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

- 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**

- 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

- 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

- 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

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

Issue 3 Enhance Readiness: Training and Logistics

- ∅ Training → ensures “Best Forces”
- ∅ Logistics → has been **and** remains **Major Discriminator**
- ∅ Modernization must be done

Recommendations

- Acquisition policies fostering innovation in training
- Robust funding for simulation and training
- Distribution based logistics
- Improved information management

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

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

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

- 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