

# **NATO Ammunition Safety Group (AC/326) Overview with a Focus on Subgroup 5's Areas of Responsibilities**

**Eric Deschambault,  
Vice-Chair, AC/326 SG5,  
Logistic Storage and Disposal**

- AC/326 Principal Responsibilities**
- AC/326 Subgroups**
- Focus on Subgroup 5**
  - Members**
  - Areas of Responsibilities**
  - Products and Resources**
- Who can participate?**

# AC/326 Principal Responsibilities

- Ammunition Life Cycle Safety in support of NATO Priorities**
- Develop common munitions and explosive safety standards and procedural guidance to foster:**
  - Interoperability**
  - Interchangeability of ammunition**
  - A basis for coordinated procurement of munitions**
- All Safety Aspect of Ammunition related to:**
  - Peacetime**
  - Operations**
- Accomplished through Subgroups with specific responsibilities in the Life Cycle**

# SGs 1 and 2

**Development of safer munitions that function only when required - decreasing the risks presented by munitions while improving operational capabilities:**

- 1. Equipping the Forces with munitions less sensitive to accidental and hostile/terrorism threats**



**SG/1 Energetic Materials**



**SG/2 Initiation Systems**

**Development of safer munitions that function only when required - decreasing the risks presented by munitions while improving operational capabilities:**

- 1. Equipping the Forces with munitions less sensitive to accidental and hostile/terrorism threats**
- 2. Improving interoperability with commonly agreed safety requirements and assessment tools (Tests & Methodologies)**



**SG/3 Munition Systems**

# SGs 5 and 6

**Development of safer munitions that function only when required - decreasing the risks presented by munitions while improving operational capabilities:**

1. Equipping the Forces with munitions less sensitive to accidental and hostile/terrorism threats Improving
2. Improving interoperability with commonly agreed safety requirements and assessment tools (Tests & Methodologies)
3. Provides rules and recommendations to logisticians



**SG/5 Logistic Storage and Disposal**

**SG/6 Operational Ammunition Safety**

\* SG/4 no longer exists

- Members are National Group of Experts in ammunition and explosives safety areas**
- SG/5 Explosives safety responsibilities:**
  - Understand explosion effects, as well as the risk they present and any consequences resulting from those effects**
  - Develop rules for safe storage, handling, and disposal**
    - Hazard classification of Class 1 using UN rules, but adapted for NATO storage and handling purposes (SsD 1.2.1 – SsD 1.2.3, SsD 1.3.1, SsD 1.3.2, HD 1.6)**
    - Quantity-distance for all HD and SsD**
    - Design requirement for storage structures**
    - Protective construction – protection of people, assets, and equipment**
- Conduct of explosion trials and analysis of data, as necessary, for improvement and updating of rules**

- ❑ **SG5 has numerous products, resources and opportunities to offer participating Nations:**
  - ❑ **AASTP-1 Edition 1 - Manual of NATO Safety Principles for the Storage of Military Ammunition and Explosives**
  - ❑ **AASTP-3 Edition 1 - Manual of NATO Principles for the Hazard Classification of Military Ammunition and Explosives**
  - ❑ **Access to National Group of Experts through a NATO forum**
  - ❑ **Historical explosives safety document repository**
  - ❑ **Accident/hazard classification databases**
  - ❑ **Opportunities to discuss problems and seek solutions**
  - ❑ **Opportunities to obtain and share information, lessons learned, solutions to explosives-safety related problems and issues**



# Who can participate?

## NORTH ATLANTIC TREATY ORGANISATION (NATO) (28)

Albania	Italy	United Kingdom
Canada	Latvia	United States
Belgium	Lithuania	
Bulgaria	Luxembourg	
Croatia	Netherlands	
Czech Rep	Norway	
Denmark	Poland	
Estonia	Portugal	
France	Romania	
Germany	Slovakia	
Greece	Slovenia	
Hungary	Spain	
Iceland	Turkey	

## PARTNERSHIP FOR PEACE (PfP) (22)

Armenia	Macedonia	Ukraine
Austria	Malta	Uzbekistan
Azerbaijan	Moldova	
Belarus	Montenegro	
Bosnia and Herzegovina	Russia	
Finland	Serbia	
Georgia	Sweden	
Ireland	Switzerland	
Kazakhstan	Tajikistan	
Kyrgyzstan	Turkmenistan	

## Mediterranean Dialogue (MD) (7)

Algeria	Israel	Mauritania	Tunisia
Egypt	Jordan	Morocco	

## Istanbul Cooperation Initiative (ICI) (4)

Bahrain	Qatar
Kuwait	UAE

## Contact Countries (4)

Australia	New Zealand
Japan	South Korea

# Questions?

[eric.deschambault@ddesb.osd.mil](mailto:eric.deschambault@ddesb.osd.mil)