

# Defense Materiel International Standardization Policy and Procedure Initiatives



***DMSMS & Standardization Conference  
23 September 2009***

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# Defense Materiel International Standardization Challenges



- ❖ Are the user's requirements being met?
- ❖ Takes too long to develop & maintain defense materiel international standards
- ❖ Takes too long to ratify international standardization agreements
- ❖ Resources
- ❖ Implementing of international standardization agreements
- ❖ Tracking use of defense materiel international standards
- ❖ Accessing defense materiel international standards

# Some Responses to the Challenges



- ❖ North Atlantic Treaty Organization (NATO) changes to standardization policies and procedures
  - Civil Standards Management Working Group (CSMWG)
  - Standardization Document Management Working Group (SDMWG)
- ❖ European Defense Agency (EDA)
  - Materiel Standardization Harmonization Team (MSHT)
- ❖ Defense Standardization Program Office (DSPO) ASSIST database enhancements

# Civil Standards Management Working Group (CSMWG)



## ❖ CSMWG chaired by the United States

- Director, DSPO

## ❖ Main focus:

- Implement NATO policy on civil standards
  - “...use the most suitable civil standards...”
- Facilitate cooperation with Civil Standards Developing Organizations (SDOs)
- Establish procedures for adopting and transferring standards
- Develop Intellectual Property Rights Policy



# CSMWG Recent Activities

- ❖ Participating in the review of standardization policy and procedures that may impact the use of civil standards
- ❖ Developed a new Technical Cooperation Agreement (TCA) between the NATO Standardization Agency and IEEE
  - Other TCAs signed with ISO, IEC, ANSI, ASTM, SAE, CEN, CENELEC
- ❖ Transferred the first NATO STANAG to a civilian SDO
  - STANAG 2345 transferred to IEEE

# CSMWG Recent Activities



- ❖ Helped finalize and approve the new chapter in AAP-03J concerning the use of civil standards
  - AAP-03J, “Directive for the Production, Maintenance and Management of NATO Standardization Documents”
  - Emphasis on civil standards is one of the major changes
- ❖ Updated the CSMWG Terms of Reference (TOR) to make the group permanent

# CSMWG: The Way Forward



- ❖ Harmonize NATO policy and procedures regarding all aspects of the use of civil standards
- ❖ Review the repository of NATO standards for suitable transfer to SDOs for conversion to civil standards
- ❖ Ensure that the CSMWG remains the forum to cooperate with SDOs

# Standardization Document Management Working Group (SDMWG)



- ❖ SDMWG Chairmanship chaired by France
- ❖ United States Representative is Director, DSPO
- ❖ Main focus:
  - Analyze the French proposal for restructuring the management of standardization documents
  - Recommend a new architecture for the development, adoption, ratification, management and promulgation of standardization documents
  - Revise relevant parts of AAP-03, in accordance with the French proposal.

# SDMWG Recent Activities



- ❖ In June 2009, the final draft of AAP-03 was distributed to the NATO Committee for Standardization Representatives (NCSREPs) and Tasking Authorities for review and comments
- ❖ The deadline for comments and review was 18 September 2009
- ❖ DSPO collected comments and provided United States input
- ❖ Review comments provided by NCSREPs, Tasking Authorities and update AAP-03J accordingly

# AAP-03J Key Objectives



- ❖ Focus standardization on interoperability
- ❖ Clarify the architecture of NATO documentation
- ❖ Streamline processes
- ❖ Emphasize use of civil standards
- ❖ Involve partners
- ❖ Facilitate access to standards

# Major Changes in AAP-03J



- ❖ Require traceability between NATO standardization documents and their initial requirements
- ❖ New chapter addresses and prescribes procedures for using civil standards within the framework of NATO
- ❖ Standardization Agreements (STANAGs) will focus only on interoperability requirements
  - Elevates the importance of STANAGs
  - Should reduce the number of STANAGs
  - Requires formal ratification process

# Major Changes in AAP-03J



- ❖ Introduces a new type of document called Standardization Recommendation (STANREC)
  - Recommends standard products, practices, procedures, etc not directly linked to interoperability requirement
  - For materiel requirements only
  - Does not require formal ratification
    - STANREC is promulgated by the Director of the NATO Standardizations Agency according to the consensus of the Nations within the corresponding Tasking Authority
  - Many STANAGs will likely become STANRECs



# Benefits of the AAP-03J Revision

- ❖ STANAGs will receive more attention and emphasis on use since they focus exclusively on interoperability essential to allied missions and capabilities
- ❖ Creation of STANRECs may speed the introduction of “improve-efficient-use-of- resources” standards since they do not require formal ratification
- ❖ Segregating STANRECs from STANAGs may reduce the ratification workload at the national level
- ❖ Use of civil standards will allow NATO Nations to make greater use of commercial sector, reduce costs, and devote limited resources to military-unique standards



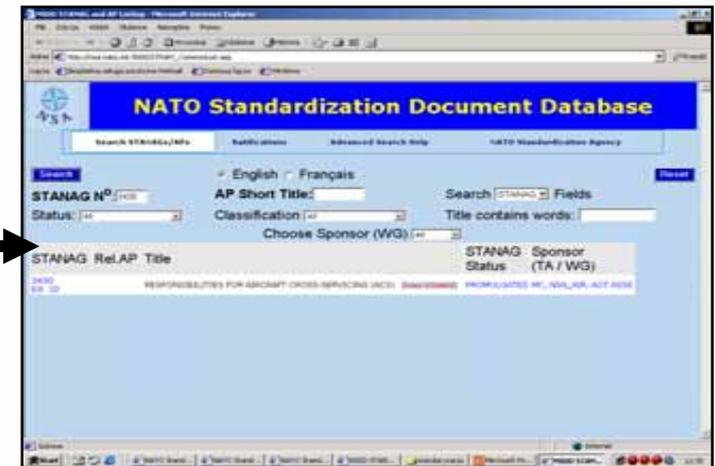
# European Defense Agency

- ❖ Materiel Standardization Harmonization Team (MSHT)
- ❖ Work together to solve common defence standardization problems, such as
  - The availability of standards
  - Cooperating with industry
- ❖ DSPO participated in the following events:
  - MSHT Standardization Management Workshop
    - 8 – 10 September 2009
    - Slovak Republic, Bratislava
  - MSHT Meeting and Discussion on the Industry Study
    - 15 May 2009
    - Brussels, Belgium

# Make NATO Standardization Documents Available



- ❖ DSPO has two initiatives underway:
  - Web Authentication project to get automatic updates from the NATO Standardization Document Database (NSDD)
    - Testing will begin in October 2009
  - Work with a certified sub-registry to provide NATO restricted and above documents to USA practitioners via Defense Technical Information Center



# Questions or Comments?



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