

MILITARY COMMITTEE LAND STANDARDIZATION BOARD (MC LSB)

10 November 2005

NSA(ARMY)0952-ARTY/2245

MC LSB Distribution

STANAG 2245 ARTY (EDITION 1) – FIELD ARTILLERY AND FIRE SUPPORT DATA INTEROPERABILITY

Reference:

NSA(ARMY)0007-ARTY/2245, dated 2 February 2004.

1. The enclosed NATO Standardization Agreement, which has been ratified by nations as reflected in the **NATO Standardization Document Database (NSDD)**, is promulgated herewith.
2. The reference listed above is to be destroyed in accordance with local document destruction procedures.

ACTION BY NATIONAL STAFFS

3. National staffs are requested to examine their ratification status of the STANAG and, if they have not already done so, advise the MC LSB, NSA, through their national delegation as appropriate of their intention regarding its ratification and implementation.

A handwritten signature in cursive script, appearing to read 'J. MAJ'.

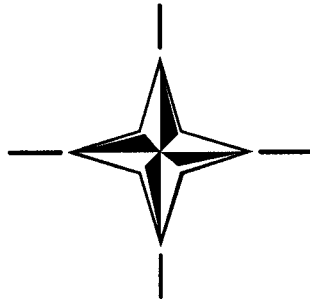
J. MAJ
Brigadier General, POL(A)
Director, NSA

Enclosure:

STANAG 2245 (Edition 1)

NATO Standardization Agency – Agence OTAN de Normalisation
B-1110 Brussels, Belgium Internet site: <http://nsa.nato.int>
E-mail: nsa.army@hq.nato.int – Tel 32.2.707.55.79 – Fax 32.2.707.57.18

**NORTH ATLANTIC TREATY ORGANIZATION
(NATO)**



**NATO STANDARDIZATION AGENCY
(NSA)**

**STANDARDIZATION AGREEMENT
(STANAG)**

SUBJECT: FIELD ARTILLERY AND FIRE SUPPORT DATA INTEROPERABILITY

Promulgated on 10 November 2005

A handwritten signature in black ink, appearing to read 'J. MAJ', is positioned above the printed name and title.

J. MAJ
Brigadier General, POL(A)
Director, NSA

A second handwritten signature in black ink, appearing to read 'J. MAJ', is positioned to the left of the printed name and title.

RECORD OF AMENDMENTS

N°	Reference/date of amendment	Date entered	Signature

EXPLANATORY NOTES

AGREEMENT

1. This NATO Standardization Agreement (STANAG) is promulgated by the Director NATO Standardization Agency under the authority vested in him by the NATO Standardization Organisation Charter.
2. No departure may be made from the agreement without informing the tasking authority in the form of a reservation. Nations may propose changes at any time to the tasking authority where they will be processed in the same manner as the original agreement.
3. Ratifying nations have agreed that national orders, manuals and instructions implementing this STANAG will include a reference to the STANAG number for purposes of identification.

RATIFICATION, IMPLEMENTATION AND RESERVATIONS

4. Ratification, implementation and reservation details are available on request or through the NSA websites (internet <http://nsa.nato.int>; NATO Secure WAN <http://nsa.hq.nato.int>).

FEEDBACK

5. Any comments concerning this publication should be directed to NATO/NSA – Bvd Leopold III - 1110 Brussels - BEL.

NATO STANDARDIZATION AGREEMENT
(STANAG)

FIELD ARTILLERY AND FIRE SUPPORT DATA INTEROPERABILITY

Related Documents:

ASCA-001	Interoperability Programme Management Plan (IPMP)
ASCA-007	Commanders' Operating Guidance (COG)
ASCA-009	Common Operational Requirement (COR)
ASCA-011	Common Technical Interface Requirement (CTIR)
ASCA-012	Common Technical Interface Design Plan (CTIDP)
ASCA-016	Compliance and National Implementation Matrix (CNIM)
ASCA-030	Configuration Management Status Report (CMSR)

AIM

1. The aim of this agreement is to register national acceptance of the Artillery Systems Cooperation Activities (ASCA) Interface Definition and to outline the procedures to be used for configuration management.

AGREEMENT

2. Participating nations agree to use the ASCA Interface Definition at Version 4, detailed in the related documents above, as the standard to be adopted by NATO/PfP nations for the purpose of establishing Field Artillery/Fire Support Data Interoperability between national fire control systems.

GENERAL

3. The ASCA Interface is a fire control messaging standard which consists of message formatting rules, message structure, message content and handling rules for the data which has been transmitted. The Interface has been developed alongside NATO Artillery Fire Control procedures in order to provide Data Interoperability for the Field Artillery and Mortar community. The ASCA CTIDP provides the technical information which a nation must implement in its own Fire Control system to enable data connectivity with another nation which has also implemented the ASCA Interface. The Interface is designed to support all military operations at all levels of command, dependent on the Command Post configuration and the Liaison Officer organisation of that nation.

DETAILS OF THE AGREEMENT

4. Documentation will be made available by ASCA through written application to any ASCA Full Member Nation (currently FR, GE, IT, UK or US). Contact details will be made available through the ASCA Liaison Officer in the NSA Artillery Working Group.
5. The sole authority for making changes to, and updating the ASCA Interface Definition remains with the full member nations of ASCA. Full membership of the ASCA Programme is available to NATO nations in accordance with the ASCA regulations specified in the ASCA Documentation (ASCA-001 Interoperability Programme Management Plan (IPMP)). Prior to any proposed changes in the ASCA rules for membership and availability of technical documentation, the NSA Artillery Working Group will be consulted, through the ASCA Liaison Officer to the NSA Artillery Working Group.
6. Participating Nations agree to inform the Custodian of any national restrictions, corrections, or additions to their national implementation of the ASCA Interface each year. The implementation details will be incorporated in a NATO ASCA Compliance Matrix (maintained by the Custodian), without being offered to other nations for agreement.
7. Once the ASCA Interface has been successfully implemented, tested and operationally evaluated in at least two nations' respective fire control software, the Interface will be deemed as successful and operationally viable. Testing and Operational Evaluation must occur with at least one other nation. At this stage, the version of the ASCA Interface will be adopted by NATO as the agreed Field Artillery/Fire Support Data Interoperability Standard.
8. Annual updates of any significant changes to the ASCA Interface Standard will be given to all nations during the NSA Artillery Working Group Meeting by the nation detailed in the NSA Artillery Working Group Terms of Reference as the nation responsible for the provision of ASCA Liaison Reports.
9. Participating nations will be required, if appropriate, to exercise their access to ASCA Documentation and request any necessary updates to their documentation from the ASCA Programme.

IMPLEMENTATION OF THE AGREEMENT

10. This STANAG is considered implemented when at least two Nations declare their intent to adopt the ASCA Interface at a defined date in the future to the Custodian.