

CodSP-100-AUT

The National Codification Bureau of Austria

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THE NATIONAL CODIFICATION BUREAU OF AUSTRIA (NCB)

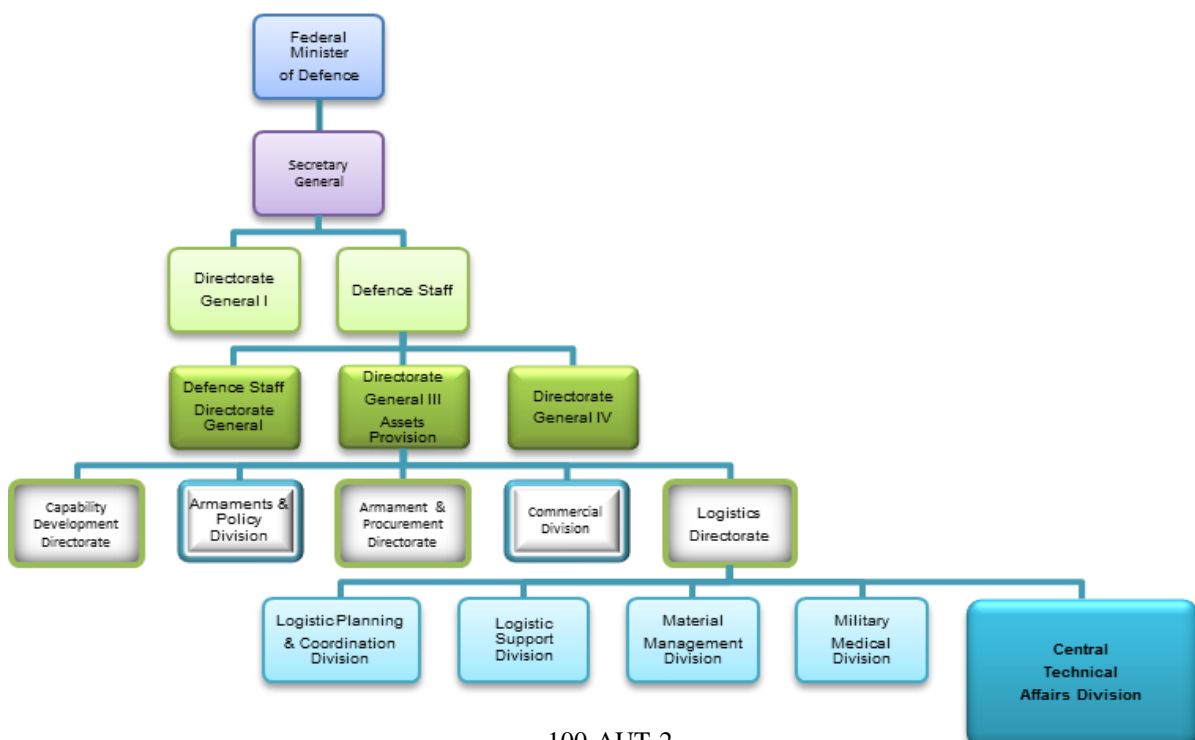
AIM:

- To run the Austrian Codification System in conformity with the NATO Codification System (NCS) based on rules and regulations established in AC/135.
- To identify and codify items of supply produced by Austrian manufacturers and used by military services and NATO countries respectively sponsored non-NATO countries.
- To maintain a Total Item Record (TIR) that saves identification data for each codified item of supply.

ORGANISATION:

The Austrian NCB is responsible for Austria's codification policy and the coordination of all codification activities for the armed forces and other organisations.

The NCB is organized as a section of the Central Technical Affairs Division, which then again is part of the Logistics Directorate. This Directorate is led by the Austrian MoD Defence Staff.



The NCB currently consists of the National Director on Codification and three employees.

The Materiel Cataloguing and Codification Division is organized within the Centre for Technical Product Documentation which is part of the Armament and Defence Technology Agency. This agency is subordinated to the MoD.

With its 24 staff members this division is responsible for cataloguing of Austrian materiel and entities.

HISTORY:

- 1956 Adoption of the US Federal Catalogue System of 1949
- 1963 Establishment of the Austrian Military Cataloguing System DAVERS I
- 1998 Sponsorship Agreement between the NATO Group of National Directors on Codification (AC/135) and the Austrian MoD
- 1999 Development of a new national Cataloguing System LOGIS
- 2000 Implementation of data exchange via NATO Mailbox System
- 2001 Connection to the NATO Automated Business System
- 2004 Austria requests TIER 2 status at AC/135
- 2005 AC/135 approves TIER 2 sponsorship for Austria

SYSTEM ARCHITECTURE:

The software for codifying items of supply according to NATO Codification System is called N-CORE NG (N-CORE Next Generation) and has been developed by the German company ESG located near Munich. All codification data concerning materiel management are transferred to Austria's logistic application LOGIS (Logistic Information System).

N-CORE NG (Next Generation) is a totally Web-based application with four-Tier architecture and a Browser as thin client. The N-CORE NG Application is based on Java Enterprise (J2EE) technology and with multi-lingual graphical user interface.

NCORE NG is delivered with one Wildfly installation that acts both as Application and Web Server.

Included with the application server are the bundled engine Tomcat and a Web Services container. Implemented is also a process oriented workflow.

The application is based on an Oracle data base system 12C.

The operating system is Windows 7 Enterprise and UNIX, the online help system has been implemented by means of the CMS-System TiKiWiKi (<https://info.tiki.org>).

The N-CORE Codification Software is a multi-user and multi-tasking system connected via LAN. The access authorizations for users concerning certain functions and data are checked by a multi-level security system based on customer-defined user profiles. The N-CORE system is designed for supporting a large volume of data and a large number of users (up to 1000 users can work simultaneously).

The N-CORE Codification System consists of the following essential function groups:

- Total Item Record
- Manufacturer
- Project Management
- Codification
- Information
- Administration

INTERFACE between N-CORE NG and the Austrian Logistics system:

The Austrian “Logistics Information System” (LOGIS) is a national information System.

The creation of an NSN is initialised in LOGIS and transferred via interface to the codification software N-CORE NG.

The result of the codification is adopted in LOGIS. Additional information for the procurement, the maintenance and the management of the materiel is then provided by LOGIS and is thus accessible for national users.

SEGMENTS used by Austria:

In addition to input header and output header Item Identification Data are saved in N-CORE NG under the following segments:

Segment A	Identification Data
Segment B	MOE Rule Data
Segment C	Reference Data
Segment E	Standardization Relationship Data
Segment M	Clear Text Characteristics Data
Segment V	Coded Characteristics Data
Segment W	Packaging Data Element

STANAGS:

Austria has adopted the following

- 3150 Uniform System of Supply Classification
- 3151 Uniform System of Item Identification
- 4177 Uniform System of Data Acquisition
- 4438 Uniform System of Dissemination of Data Associated with NATO Stock Numbers

BILATERAL AGREEMENTS:

Austria currently has bilateral agreements with the following countries:

Italy
Belgium
Germany
United Kingdom of Great Britain and Northern Ireland
France
Denmark
United States of America