



NMCRl

NATO Master Catalogue of References for Logistics

Online Subscription



For More Productivity

Edition JUL 2012

>>> www.nato.int/nmcr1

FOREWORD

Dear Reader,

As part of our on-going efforts to both improve and make better use of NATO codification data, we have produced the NATO MASTER CATALOGUE OF REFERENCES FOR LOGISTICS (NMCRL).

Making this important reference data available in a convenient and efficient to use format, marks a significant step forward in the collaborative logistics process within NATO and our NATO partners. Agreement by nations to proceed with this project is a proof of the collective determination to continue building on our long history of co-operation in the field of Codification and Logistics.

The NATO Master Catalogue of References for Logistics on DVD or on INTERNET abbreviated “NMCRL”, is a valuable tool for Logisticians in every nation. The NMCRL contains information from each NATO and sponsored countries' National Codification Bureau, and acts as a handy supplement to products now produced by these countries.

The NMCRL, even if it was originally designed for use by NATO Logisticians, has proven to be an invaluable tool for non-NATO Logisticians as well as for civilian companies dealing with NATO nations and Armed Forces.

The product now has a world wide distribution and has facilitated co-operative Logistics activities between NATO nations Armed Forces and non-NATO allies.

It has also significantly enhanced the dialogue between Armed Forces of NATO and non-NATO nations with civilian companies when dealing with materiel management.

The main advantage of the NMCRL, in addition to ease of use and rapid search and extract, is the fact that it contains all NATO Stock Numbers assigned by the NATO and sponsored countries. It is, in fact, the catalogue of materiel used by the nations of the NATO Alliance.

*NMCRL-DVD is a WINDOWS' based multi lingual product whereas **NMCRL-WEB** is a multi lingual online application with the same plus additional features/data as on NMCRL-DVD.*

As the NMCRL matures, it potentially can be expanded with additional codification and logistics information. As an example, “user information” was added to reflect which NATO and non-NATO nation(s) is(are) registered user(s) for each NATO Stock Number on the product. “Vendor information” has been added to each NSN to complement the “Manufacturer information” that was always available.

*Finally, the NATO Group of National Directors on Codification have agreed to the addition of “Technical Characteristics data”, “CUSTOM Codes” (Harmonized System -HS- and Schedule B numbers) and “Common Procurement Vocabulary (CPV) Codes” to the system which will only be available in the **NMCRL-WEB** application.*

*A new feature of **NMCRL-WEB** is to choose between BASIC and ADVANCED inquiry modes. The Basic mode is for non-experts and mostly displays plain text of NCS codes.*

Because of the essentially unlimited potential represented by the DVD format and WEB based application it is very important that you, as a user, express your opinion and your needs on how best to exploit this potential. If you have any suggestions or comments to be made, please do not hesitate to write to the information address mentioned in this document.

We look forward to hearing from you,

Sincerely Yours,

*NATO Group of
National Directors on
Codification
(AC/135)*

NMCRL: FOR MORE PRODUCTIVITY

Logisticians spend a great deal of time searching for codification data. While the time spent is proof of the essential nature of codification information, any step which cuts down on research time provides Logisticians with additional time for more productive pursuits. The NMCRL-DVD and the online *NMCRL-WEB* speed up research and save time for Logisticians; that is productivity!

The NMCRL is also extremely valuable to any civilian company wishing to do business with any of the Armed Forces of the NATO nations. This product is also of interest to non-NATO countries around the world when they do business with NATO nations or non-NATO countries that are sponsored in the NATO Codification System.

The access time for retrieval of codification information on DVD and INTERNET is minimal. What is more important is that the NMCRL contains the complete range of items used by the Forces of all NATO and sponsored countries. The following data is included on the NMCRL:

- ◆ 17 million NATO Stock Numbers (NSNs)
- ◆ 35 million Manufacturers or Vendors Reference (Part) Numbers
- ◆ 2.4 million Manufacturers and Vendors (NCAGE, names and addresses)
- ◆ 27 million User Registrations
- ◆ 10 million NSNs with Characteristics Data display
→*NMCRL-WEB exclusively*
- ◆ 9 million NSNs with Custom Codes display
→*NMCRL-WEB exclusively*
- ◆ 13 million NSNs with Common Procurement Vocabulary (CPV) Codes display→*NMCRL-WEB exclusively*

The NMCRL-DVD is updated and issued every two months whereas the *NMCRL-WEB* online application is updated on a weekly basis.

FOR MORE PRODUCTIVITY!

DATA CONTENTS

ITEM IDENTIFICATION DATA: (What is the item ?) (NATO Codification Segment A)

- ◆ NATO Stock Number (NSN)
- ◆ Item Name Code (INC)
- ◆ Approved (or Non-Approved) Item Name (AIN/NON AIN)
- ◆ Type of Item Identification Code (TYPE II CODE)
- ◆ Reference or Partial Descriptive Method Reason Code (RPDMRC)
- ◆ NATO File Maintenance Sequence Number (NFMSN)
- ◆ Date, NIIN Assignment

USER REGISTRATION DATA: (Who uses the item ?) (NATO Codification Segment B)

- ◆ User Code for NATO and non-NATO nations (MOE CODE)
- ◆ MOE Code Definition

REFERENCE DATA: (Who manufacturers/sells the item ?) (NATO Codification Segment C)

- ◆ NATO CAGE Code (NCAGE CODE)
- ◆ Reference Number (Part number) (RN)
- ◆ Reference Number Format Code (RNFC)
- ◆ Reference Number Category Code (RNCC)
- ◆ Reference Number Variation Code (RNVC)

- ◆ Reference Number Status Code (RNSC)
- ◆ Reference Number Justification Code (RNJC)
- ◆ Reference Number Action Activity Code (RNAAC)
- ◆ Document Availability Code (DAC)

**ITEM IDENTIFICATION STATUS /
CANCELLATION DATA: (Is this still a good item ?)
(NATO Codification Segment K)**

- ◆ Cancelled NATO Stock Number (Cancelled NSN)
- ◆ Replacement NATO Stock Number (Replacement NSN)
- ◆ NIIN Status Code (NIIN SC)

**TECHNICAL CHARACTERISTICS DATA: (What is
the technical description of the item ?)
(NATO Codification Segment V)**

- ◆ Display of the items' characteristics data in coded and decoded format → *NMCRL-WEB exclusively*

**NATO MANUFACTURER AND VENDOR DATA:
(Name and address of manufacturers / sellers)
(NATO Codification Segment 8)**

- ◆ NATO CAGE Code (NCAGE CODE)
- ◆ NATO CAGE Status Designator Code (NCAGESD CODE)
- ◆ Replacement NATO CAGE Code (Replacement NCAGE)
- ◆ Type of Organisational Entity Code (TYPE O.E. CODE)
- ◆ Manufacturer's Name and Address
- ◆ Relation of manufacturer to codes:
 - ◆ UNSPSC (Universal Standard Products and Services Classification) see www.unspsc.org
 - ◆ NAICS (North American Industrial Classification System) see www.naics.com

- ◆ NACE (Classification System of Economic Activities – European Union)
- ◆ CPV (Common Procurement Vocabulary)
- ◆ IDN (National Identification Number)

HARMONIZED CUSTOM CODES:

- ◆ Harmonized System (HS) numbers (6-digits)
→ *NMCRL-WEB exclusively*
- ◆ Schedule B numbers (US Customs Export Codes) (10-digits) → *NMCRL-WEB exclusively*

Harmonized System (HS) classification number:

The Harmonized System (HS) Classification is a **6-digit** standardized numerical method of classifying traded products developed and maintained by the World Customs Organization www.wcoomd.org. HS numbers are used by customs authorities around the world to identify products for the application of duties and taxes. Additional digits are added to the HS number by some governments (like U.S.) to further distinguish products in certain categories.

Schedule B number:

In the **United States**, numbers used to classify **exported products are called “Schedule B” numbers**. The U.S. Census Bureau administers the Schedule B system; web link: www.census.gov/foreign-trade/schedules/b/ Schedule B numbers, not HS numbers, must be provided on the Shippers’ Export Declaration (SED). The Census Bureau uses SEDs and Schedule B numbers to calculate U.S. export statistics.

Difference between HS and Schedule B numbers:

The HS number is an internationally accepted code. The basic **HS code** contains **6-digits**, known as a subheading.

The **Schedule B** is a **10-digit code** built upon the first 6 digits of the HS code. Additionally, the Schedule B code is a U.S.-specific coding system used by the U.S. Government to monitor U.S. exports.

The need to know your product's Schedule B and HS numbers:

Exporters need to know their product's Schedule B and HS numbers for the following reasons:

- ◆ To determine applicable import tariff rates and whether a product qualifies for a preferential tariff under a Free Trade Agreement;
- ◆ The Schedule B number is needed to complete the Shipper's Export Declaration, Certificates of Origin and other shipping documents; and
- ◆ The HS Number may be needed on shipping documents, such as certificates of origin.

COMMON PROCUREMENT VOCABULARY (CPV):

→NMCRL-WEB exclusively

Common Procurement Vocabulary (CPV) has been developed by the European Union for public procurement. CPV codes are a standardised vocabulary to describe procurement notices to help procurement-responsible to classify procurements consistently, and to help service and product suppliers find procurements of interest

Web link: http://simap.europa.eu/codes-and-nomenclatures/codes-cpv/codes-cpv_en.htm

DATA ACCESS

Modern tools require modern access facilities in order to exploit the information fully. Searches can be performed on the following parameters:

1. Item of Supply (NSN) related data :

- ◆ NATO Stock Number (NSN)
- ◆ NATO Item Identification Number (NIIN)
- ◆ NATO Codification Bureau (NCB) Code
- ◆ NATO Supply Class (NSC)
- ◆ Reference Number (RN)
- ◆ NATO CAGE Code (NCAGE)
- ◆ Manufacturer/Vendor Name
- ◆ Item Name
- ◆ Item Name Code (INC)
- ◆ Type of Item Identification Code (TIIC)
- ◆ Reference No. Category Code (RNCC)
- ◆ Reference No. Variation Code (RNVC)
- ◆ Document Availability Code (DAC): allows *Bar Code Search* thru DAC "U" which is associated to a reference number representing a bar code!
- ◆ User Code (MOE CODE)
- ◆ **MRC (Technical Characteristics Search)**
→ *NMCRL-WEB exclusively*

2. Address (NCAGE) related data :

- ◆ NATO CAGE Code (NCAGE)
- ◆ Manufacturer/Vendor Name
- ◆ Country
- ◆ City
- ◆ Postal / ZIP Code

- ◆ National Identification Number (IDN)
- ◆ UNSPSC (Universal Standard Products and Services Classification) Code
- ◆ NAICS (North American Industrial Classification System) Code
- ◆ NACE (Classification System of Economic Activities – European Union) Code

NOTE:

Boolean type searches (AND, OR, NOT) are possible within and between fields. This allows users to search the NMCRL product using any combination of the above parameters.

INQUIRY MODE

The NMCRL offers you two inquiry modes to cover all your search needs:

- Interactive mode
- Batch mode

Interactive mode:

The interactive mode allows the user to make single queries on the search parameters described above. The results are displayed on the screen with a print and export capability. The following interactive search modules are available:

- Item of Supply
- Characteristics (*→NMCRL-WEB exclusively*)
- NCAGE

NMCRL-WEB also features **BASIC** and **ADVANCED** inquiry modes. The Basic mode is for non-experts and mostly displays plain text instead of NCS codes.

Batch mode:

The batch mode allows the user to make multiple queries and receive the results either on screen or file or in printed form. Results can be written to a system file. Batches can be entered either by means of the keyboard or by importing data held on external files. Conditional matches are possible.

OPERATING SYSTEM

NMCRL-DVD - Hardware/Software Requirements:

You need an IBM PC or compatible computer to install NMCRL application with the following minimum configuration:

- Windows XP/Vista/Windows 7 (32/64 bit);
- Windows .NET Framework 3.5 SP1 or higher installed;
- 1GHz Pentium Processor or equivalent (recommended);
- 2 GB RAM or more (recommended)
- Access to one (1) DVD drive;
- At least 15 to 20 GB space available on hard disk or network drive.

The NMCRL product is distributed on one (1) DVD disc. This product is networkable when having the necessary licences available.

NMCRL-DVD - LAN considerations:

- NMCRL application may be used within a Local Area Network (LAN) i.e. NMCRL data are shared by all users rather than copying the data on user's machine;
- Windows must be installed locally on each machine;

- The user will be asked to specify a working directory. This directory must be a directory (minimum 15 MB space) on the local machine (sufficient access rights needed!);
- The user will be asked to specify a data directory (minimum 9.2 GB space) on a virtual drive (sufficient access rights needed!);
- Auto-updating of working directory;
- 2 different network licences are available: up to 5 users or up to 20 users in one server domain, only;
- May not be installed on multiple servers or accessed by users outside domain.

NMCRL-WEB - Hardware/Software Requirements:

- High Speed Internet access, preferably;
- Recommended browsers: Microsoft Internet Explorer 5.5 or higher, Firefox 1.0 or higher, or Netscape 7.0 or higher;
- JavaScript enabled Browser;
- Adobe Acrobat Reader 5.0 or higher;
- A printer with 4MB of memory or higher is recommended
- Secure Access via User Identification and Password.

NMCRL-WEB - Usage definitions:

- WEB access for 1 single user;
- WEB access for up to 5 concurrent users;
- WEB access for up to 20 concurrent users.

MULTI LINGUAL

As the NMCRL is to be used in all of the NATO countries and around the world, special attention has been given to the linguistic requirements.

The information contained in the NMCRL reflects the contents of the information held in the NATO national files. Most of this information is coded data, which is obviously not a problem.

The system displays non-approved item names in the national language of the country that codified the item.

Approved item names are displayed in the national language of the user but are also available in the language of your choice.

The user of NMCRL has, therefore, a language option as part of the start up procedure.

INSTALLATION

Since the NMCRL-DVD product is being used by many people in different countries, particular attention has been paid to the installation procedures.

NMCRL-DVD can be installed by any user with a minimum knowledge of the use of computers. Installation instructions are printed, in French and English, directly on the mailer and are easy to follow.

NMCRL-DVD includes an auto-update feature that alerts you when the installed version of the program doesn't match the version on the specified discs.

One advantage using *NMCRL-WEB* online application is that there are no periodical software installation/setup procedures on the local computer. You only need a newer version WEB Browser and your USER ID / PASSWORD to get connected to the secure online application via Internet from any location in the world.

USER ENVIRONMENT

The graphical interfaces of NMCRL-DVD and *NMCRL-WEB* are menu driven, which make them truly user friendly.

Help features are available, in numerous languages, to explain the use of the system as well as to provide explanatory notes on the purpose and meaning of codes.

A User Manual and a Tutorial are available on-line in English and French.

DATABASE

The NMCRL database from which the DVD discs and *NMCRL-WEB* online application are produced is maintained in the NATO Support Agency (NSPA).

The data is updated on a permanent basis by the National Codification Bureaux of NATO and sponsored nations.

- The NMCRL-DVD product is updated and distributed on a bi-monthly basis.
- The *NMCRL-WEB* online application is updated on a weekly basis !

SUBSCRIPTION

Who can subscribe?

All NATO Government organizational elements, NATO member country contractors, and suppliers as well as Non-NATO Government organizations, suppliers and contractors are eligible to subscribe to the NMCRL.

Although there are practically no limitations, requests for subscription will be screened and may be rejected. NSPA submits an annual report to the AC/135 on subscription status and developments.

How to subscribe?

Subscribers are invited to use the subscription form at the end of this brochure, applying the instructions printed on the reverse side of that form and observing the following instructions for payment:

- Pay in advance, per subscription, an annual subscription fee (for *NMCRL-WEB* online application and/or 6 NMCRL-DVD updates) differentiated as follows:

	Licenses		
	Single	up to 5 users	up to 20 users
 NMCRL - WEB	760 €	1550 €	3000 €
NMCRL - DVD	850 €	1700 €	3400 €
NMCRL - PACK*	975 €	1950 €	3800 €

**NMCRL-PACK = WEB access + 6 DVD updates per yearly subscription.*

using one of the following methods:

- an inter-bank transfer to NSPA's bank account with BCEE (Banque et Caisse d'Epargne de l'Etat) in Luxembourg:

IBAN*: LU14 0019 1007 7845 4000

BIC*: BCEELULL

(*IBAN = International Bank Account Number)

(*BIC = Bank Identifier Code / SWIFT Code)

- authorise NSPA to debit your VISA or EUROCARD/MASTERCARD account.
- Under “Remarks”, specify “NMCRL” and the number of subscriptions required.
- Send a copy of the payment order together with the subscription form to:

NATO Support Agency
Codification Services Branch (LZ-C)
L-8302 CAPELLEN
Grand Duchy of Luxembourg
Fax: +(352) 3063-4748

Additional copies of the subscription form can be obtained from the same address as above or you can call

Phone: +(352) 3063-6748

What does a subscriber get?

Upon confirmation of payment, NSPA provides the subscriber of *NMCRL-WEB* online application with a login USER ID and PASSWORD.

Every two months, NSPA supplies a new NMCRL disc (DVD) updated with the latest information from the National Codification Bureaux.

NSPA maintains an updated address list for this purpose. It is therefore in the interest of the subscriber to notify NSPA immediately of any change in address.

The initial DVD disc is provided within 30 days of subscription and is the most recently produced NMCRL.

Duration of Subscription

A subscription lasts one year and is renewed automatically on payment of the following year's subscription fee.

Subscription renewal notices will be sent to all users some two months before the expiry of their on-going subscription.

DISSEMINATION OF NMCRL DATA

The NMCRL is for authorized use only.

Copy and/or further dissemination with or without remuneration in whole or in part is not permitted.

A subscription to NMCRL-DVD and *NMCRL-WEB* is intended solely for the use of the subscriber.

NMCRL-WEB internet access subscribers agree that they will not share or reveal their login User ID and Password to others.



Copyright AC/135

QUESTIONS ?

If you have any questions or suggestions regarding the NMCRL, please do not hesitate to contact NSPA.

Postal Address:

NATO Support Agency (NSPA)
Codification Services Branch (LZ-C)
L-8302 CAPELLEN
Grand Duchy of Luxembourg

Administrative Support (Subscription, billing, login):

Phone: +(352) 3063-6748
Fax: +(352) 3063-4748
E-Mail: nmcrl@nspa.nato.int

Technical Support (*NMCRL-WEB, only*):

Phone: +(352) 3063-6898 or 6691
Fax: +(352) 3063-4898
E-Mail: procctrl@nspa.nato.int

Web Link of *NMCRL-WEB* secure access:

<https://www.natolog.com/ac135public>

Web Links for additional Information:

www.nato.int/nmcrl

www.nato.int/codification

GENERAL CONDITIONS

NATO Support Agency (NSPA) on behalf of the Group of National Directors on Codification (AC/135)

Subscription to the NATO Master Catalogue of References for Logistics

The NATO Master Catalogue of References for Logistics (NMCRL) is issued on a subscription basis.

Subscribers are invited to take out a subscription by paying in advance for one year's service, i.e. online access to NMCRL-WEB application and/or 6 NMCRL DVD discs per subscription, differentiated as follows:

	Licenses		
	Single	up to 5 users	up to 20 users
 NMCRL - WEB	760 €	1550 €	3000 €
NMCRL - DVD	850 €	1700 €	3400 €
NMCRL - PACK*	975 €	1950 €	3800 €

*NMCRL-PACK = WEB access + 6 DVD updates per yearly subscription

Inter-bank transfer shall be made to NSPA's bank account with the Banque et Caisse d'Epargne de l'Etat (BCEE) in Luxembourg using IBAN-International Bank Account Number LU14 0019 1007 7845 4000 and BIC-Bank Identifier Code/SWIFT Code BCEELULL. For VISA card or EUROCARD/MASTERCARD use, authorise NSPA to charge your credit card account number.

Please use the subscription form overleaf and ensure both that your payment is clearly identified (specifying that it is for the NMCRL) and that mailing address and "mark for" instructions are provided. For inter-bank and SWIFT transfers, it is advisable to fax NSPA a copy of the payment voucher together with subscription form so that none of the necessary information is lost.

Duration of subscription: One year with tacit renewal.

Agreement: NSPA provides the subscriber of NMCRL-WEB online application with a login USER ID and PASSWORD. Every two months, NSPA will supply a new NMCRL-DVD updated with the latest information received from the National Codification Bureaux. Subscription renewal notices will be sent to all users some two months before the expiry of their on-going subscription. Payment is due within 30 days of invoice date.

The NMCRL is for authorized use only. Copy and/or further dissemination with or without remuneration in whole or in part is not permitted. NMCRL-WEB subscribers agree that they will not share or reveal their login User ID and Password to others.

Point of contact for any subscription question is:

NATO Support Agency (NSPA)
LZ Programme
L-8302 CAPELLEN
Grand Duchy of Luxembourg

Phone: +(352) 3063-6748
Fax: +(352) 3063-4748
Email: nmcrl@nspa.nato.int
Web: www.nato.int/nmcrl



NATO Master Catalogue of References for Logistics (NMCRL)

www.nato.int/nmcrl

SUBSCRIPTION FORM

Company/Authority:
 Dept.: Attn:
 Street: No.: P.O. Box:
 City: Postal Code:
 State/Country: Fax No.:
 Phone No.: E-mail No.:

NMCRL-WEB and NMCRL-DVD ANNUAL SUBSCRIPTION PRICES :

	Licenses						*NMCRL-PACK = WEB access + 6 DVD updates per yearly subscription
	Qty	Single	Qty	up to 5 users	Qty	up to 20 users	
NMCRL-WEB	...	760 €	...	1550 €	...	3000 €	
NMCRL-DVD	...	850 €	...	1700 €	...	3400 €	
NMCRL-PACK*	...	975 €	...	1950 €	...	3800 €	

Total amount in EURO: Date:

Payment: Bank transfer to NSPA's bank account with BCEE in Luxembourg:
 IBAN: LU14 0019 1007 7845 4000 and BIC/SWIFT: BCEELULL

  Account no.:
 Expiration Date:
 CVV2* Number:

(*On the back of the card, in the signature area, is your credit card number followed by the 3 digit CVV2 number)

We accept the general conditions printed overleaf.

Signature: Date: