CodSP-100-UAE

The National Codification Bureau of the United Arab Emirates

May 2018

AIMS / OBJECTIVES

1. The UAE NCB has been established as the sole authority for all codification matters in the United Arab Emirates and has adopted the following Mission and Vision statements to describe its aims and objectives:

Mission:

"To implement the NATO Codification System for the UAE Government, Military and Industry and deliver the Codification benefits of common supply language, interoperability of materiel, reduced costs and improved data quality."

Vision:

"To achieve the highest levels of Codification expertise and capability, and to enhance the UAE presence in the Global Codification Partnership of nations."

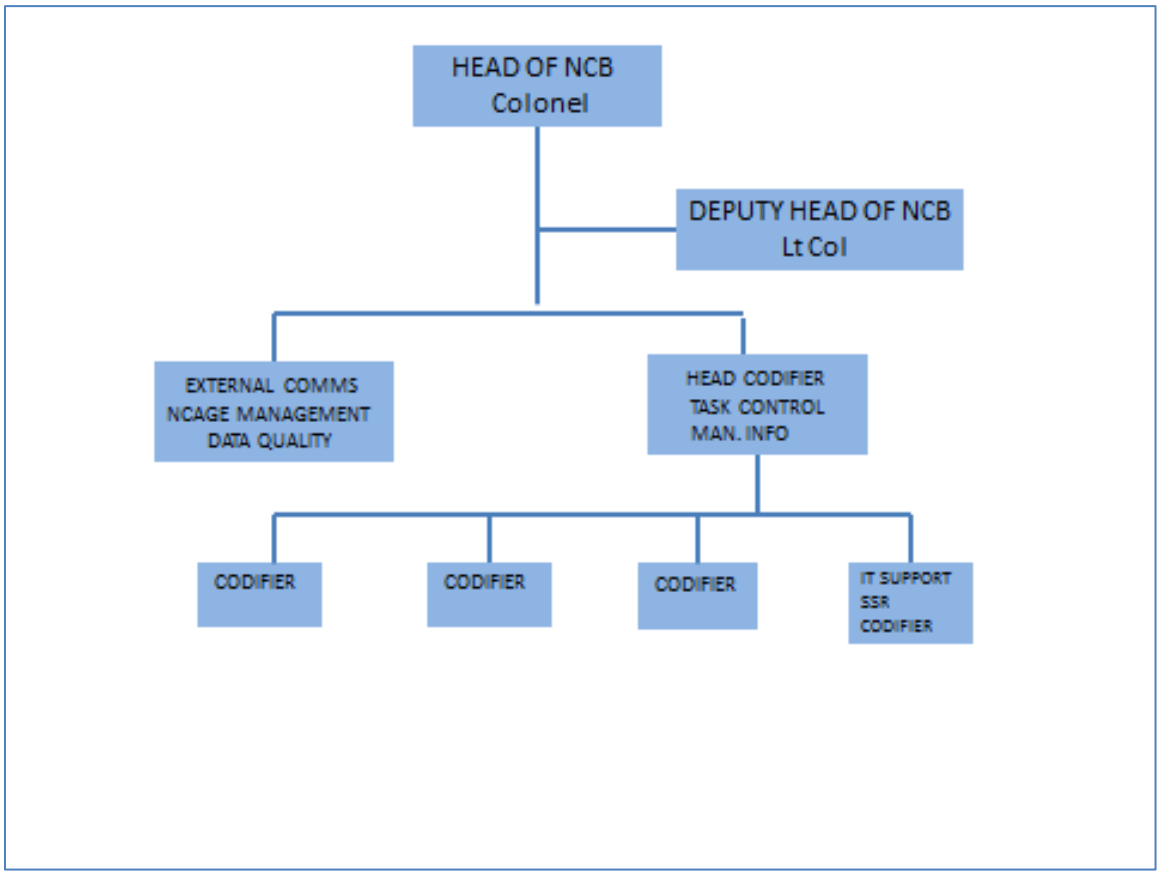
2. Key tasks to meet these objectives include:

- Data Cleansing and Codification of all items in the UAE Defence inventory
- Operation of the MC CATALOGUE codification tool and interfaces to UAE Logistics Systems TADBEER and AADMIS
- SCAGE record cleansing/update and transfer to NCAGE
- Preparation and implementation of UAE Codification Contract Clause
- Training and Certification of all UAE NCB personnel
- Codification awareness Training for UAE Armed Forces and Industry
- International liaison with NATO and foreign NCBs

ORGANISATION:

3. The UAE NCB is part of the General Headquarters of the UAE Armed Forces and under the direct command of the Chief of Logistics Staff. The NCB is based in Abu Dhabi and co-located with the main Logistics Centres (Maritime, Air, Vehicle, Medical, GS, ICT) and who are responsible for procurement and maintenance of Items of Supply for the Armed Forces.

4. The UAE NCB comprises a mix of Emirati military and civilian officers is currently structured as follows with further recruitment pending



CODIFICATION SYSTEM / INTERFACES TO NATIONAL LOGISTICS SYSTEMS

5. The UAE NCB operates MC CATALOGUE (MCC) version 05.04. developed by the Czech company Aura in JAVA technology JAVA EE (Java Enterprise Edition). Standard technologies have been used in development of MC CATALOGUE eg Eclipse, Ajax, JSP, JSF (Java Server Faces), JDBC, XML, Spring Framework, JPA ORM (Object Relational Mapping) frameworks, JMS (Java Message Service). PKI (Public Key Infrastructure) and CAS (Central Authentication Service).

6. Interfaces between MCC and the UAE SAP-based Logistics Systems TADBEER and AADMIS have been established using SOAP 1.2. Logisticians can search via the interfaces in NMCRL and TIR and send codification requests on all materiel directly from their standard working environment to MC Catalogue where UAE NCB codifiers process the request and reply directly to TADBEER/AADMIS with codification data.

SEGMENTS USED BY THE UAE NCB

7. In addition to input and output header Item Identification Data is stored in MCC under the following segments

Segment A – Identification Data

Segment B – MOE Rule Data

Segment C - Reference Data

Segment V – Coded Characteristics Data

The codification database does not contain management data – this is held in the UAE logistics management systems

BI-LATERAL AGREEMENTS

8. The UAE NCB has signed Bi-Lateral Agreements for the exchange of codification data with USA, France, Denmark, Germany and Italy

UAE TOTAL ITEM RECORD

9. MC CATALOGUE holds the materiel master database for the UAE Armed Forces and will contain some 500 - 600,000 items once all data cleansing work has been finalised. Most of the current inventory has been sourced from overseas but the proportion of UAE NSNs will grow as UAE Defence Industries increasingly develop their capabilities and presence in shipbuilding, armoured vehicle construction, electronics, and support sectors.

10. Currently some 426,000 Foreign User registrations are recorded, broken down as follows: