

DEFENSE LOGISTICS AGENCY HEADQUARTERS 8725 JOHN J. KINGMAN ROAD FORT BELVOIR, VIRGINIA 22060-6221

March 17, 2020

MEMORANDUM FOR FEDERAL CATALOGING COMMITTEE (FCC) MEMBERS

SUBJECT: Administrative Approved Cataloging Data Change (ACDC) 0040, Addition of 36 New Data Record Numbers (DRNs) for XML NATO Use Only (NDER)

We are forwarding the attached approved administrative change to Cataloging Data and Transaction Standards, Volume 12 for immediate implementation. The Enterprise Business Standards Office (EBSO) will post the actual implementation date of associated updates to the Federal Logistics Information System (FLIS) on the web once the FCC Chair/Secretariat provides the information. EBSO will publish the updated CDTS, Volume 12 upon completion of the next change cycle.

Addressees may direct questions to the Cataloging Data Standards (CDS) Team at EBSO.CDS@dla.mil.

TERESA W. SMITH Director, Strategic Data Services DLA Information Operations

Attachment As stated

cc: FCC Secretariat

Attachment to Administrative ACDC 0040 Addition of 36 New Data Record Numbers (DRNs) for XML NATO Use Only (NDER)

1 ADMINISTRATIVE INFORMATION

1.1 ORIGINATING SERVICE/AGENCY:

Defense Logistics Agency (DLA) J34 North Atlantic Treaty Organization (NATO) Cataloging Allied Committee 135 (AC/135) - **Panel A tracking number:** LOGINFO-02-19-0050

1.2 POINT OF CONTACT:

- Woodrow (Woody) Haroff, DLA J3, <u>Woodrow.Haroff@dla.mil</u>
- Justin Emmons, J34, Justin.emmons@dla.mil
- 1.3 EXPEDITED HANDLING REQUIRED: YES
- 1.4 ADMINISTRATIVE CDC ELIGIBLE CODE TABLE CHANGES: N/A

2 IMPACT

2.1 SYSTEM IMPLEMENTATION MUST BE COMPLETED BY: 2020-03-15

During the NATO Transformation Steering Working Group end of February 2020, one of two international IT providers supporting the majority of the NATO AC/135 Nations laid out its development timeline to complete their build. The IT provider requires the new XML NATO Only DRNs by 03/15/2020 to support the set timeline for testing in August 2020.

2.2 AFFECTED PUBLICATIONS AND/OR TRANSACTIONS

\square	Publications/Transaction	Correlating Volume
	Document Identifier Codes (Input/Output Fixed Length)	Volume 8
	Document Identifier Codes (Input/Output Variable Length)	Volume 9
	Cataloging Data Element or Dictionary	Volume 10
	Federal Logistics Information System (FLIS) Edits and Validations	Volume 11
X	Standard Federal Supply Class (FSC) Data	Volume 12
	Major Organizational Entity (MOE) Rule Data	Volume 13
	Cataloging Transaction	N/A
	General Cataloging Data Standard	N/A

2.3 AFFECTED SYSTEMS

V	System Requiring Change								
	Characteristics / Taxonomy								
	eCAT								
Х	FLIS								
	FLIS Portfolio Workbench (FPW)								
	Provisioning Module								
	WebFLIS								
X	Other (Service/Agency Systems):								
	Schema XML Element; AC/135 Schema; FLIS Report								

2.4 AFFECTED DB2 TABLES

This change requires an update to a viewable data within FLIS. It also requires the inclusion of the new data elements in reports generated by DLA J62. No DB2 Tables affected by this change.

3 REQUESTED CHANGE

3.1 BRIEF OVERVIEW OF CHANGE

This change documents the addition of 36 new Data Record Number (DRNs) for XML NATO use only as requested by the National Directors on Codification Allied Committee 135 (AC/135) via Defense Logistics Agency (DLA) J3.

3.2 REQUESTED CHANGE IN DETAIL

3.2.1 Background for NATO Data Exchange Redesign Project (NDER)

The North Atlantic Treaty Organization (NATO) Data Exchange Redesign (NDER) Project is an effort to modernize existing data exchange communications and business rules within the NATO Codification System (NCS). Led by NATO Allied Committee 135 (AC/135), the NDER project intends to not only adopt a standardized Extensible Markup Language (XML) for transmitting and receiving data, but also lays ground work within NCS for future functionality and growth. The XML schema also has fewer constraints, providing flexibility and opportunities for efficiency. The projected implementation date is January 2022.

3.2.2 CDTS, Volume 12, Addition of New Data Record Numbers (DRNs)

The Allied Committee 135 (AC/135) requested the creation of 36 new Data Record Numbers (DRNs) to be used within the new XML Based Schema. The schema will convey information between FLIS and/or international or NATO Cataloging customers.

The Data Record Number (DRN) is a four position numeric code assigned to a data element in the Federal Logistics Information System (FLIS) or the FLIS Portfolio Workbench (FPW) Customer Data Schema. The DRN is utilized for edits and validations of data within transactions or Hypertext Markup Language (XML) schemas, and allows the transmitted data to be both viewable and reportable within FLIS.

As the request for the 35 new DRNs was pre-coordinated and approved by AC/135, it meets the eligibility for Administrative ACDC processing. This Administrative ACDC also serves as documentation of AC/135's approval.

The addition of the aforementioned DRNs allows international users to transmit required information via XML transactions. Failure to add the 36 elements would result in validation issues and prevent required data from being conveyed back and forth.

3.2.3 CDTS, Volume 12, Revisions to of Data Format Type

CDTS Volume 12 includes a section on Data Format Information. This section provides information on the various Formats that particular Data Elements may have in FLIS.

At present, the Data Format Information table does not include Boolean or String. Additionally, NATO requires use of a new Timestamp. A note has been added to the Data Format Table for this particular timestamp format.

3.3 REVISIONS TO CATALOGING DATA AND TRANSACTION STANDARDS

Changes to CDTS Volume 12 are as follows:

<u>Enclosure</u>	<u>Updates</u>
Enclosure 1	CDTS Volume 12, Chapter 4 Additions
Enclosure 2	CDTS Volume 12, Chapter 5 Additions
Enclosure 3	CDTS Volume 12, Data Format Information table

ENCLOSURE 1

Additions to Cataloging Data and Transaction Standards, Volume 12, Chapter 4 $\,$

Note: The new DRNs listed below are Segment 8-XML and must be reportable within FLIS. J62H will provide this report to J34.

Bold red italics denote additions.

FORMAT							

				FURIVIAI			
DRN	HOST/COBOL NAME	DB2 DATA ELEMENT NAME	FV	ТҮРЕ	LG	CLEAR TEXT NAME OF THE HOST/COBOL NAME	CLEAR TEXT DRN DEFINITION
8701	OPERATOR	OPERATOR_8701 No DB2 Tables Associated with this DRN	V	VARCHAR	2-3	OPERATOR	THE CONNECTOR OF TEXT FROM 'CODED/CLEAR REPLY' NATO ONLY.
8702	CODIFICATION- CONTRACT- CLAUSE	CDFN_CONTRACT_870 2 No DB2 Tables Associated with this DRN	F	BOOLEAN	1	CODIFICATION CONTRACT CLAUSE	CLAUSE INCLUDED IN CONTRACT FOR THE PROCUREMENT OF EQUIPMENT AND SPARE PARTS REQUIRING THE CONTRACTOR TO PROVIDE THE TECHNICAL DATA REQUIRED FOR ITEM IDENTIFICATION AND, IF REQUIRED, PREPARATION OF DRAFT ITEM IDENTIFICATIONS FORMAT = Y or N NATO ONLY.
8703	COMMENT	COMMENT_8703 No DB2 Tables Associated with this DRN	V	VARCHAR	1-999	COMMENT	A WRITTEN REMARK EXPRESSING AN OPINION, A REACTION OR SUPPLEMENTARY INFORMATION. NATO ONLY.
8704	EQUIPMENT- NAME	EQPT_NAME_8704 No DB2 Tables Associated with this DRN	V	VARCHAR	1-255	EQUIPMENT NAME	A TANGIBLE LONG-TERM ASSET THAT PARTICULAR ITEM OF SUPPLY IS PART OF NATO ONLY.

			FORMAT				
DRN	HOST/COBOL NAME	DB2 DATA ELEMENT NAME	FV	ТҮРЕ	LG	CLEAR TEXT NAME OF THE HOST/COBOL NAME	CLEAR TEXT DRN DEFINITION
8705	ORDER-NUMBER	ORDER_NUMBER_870 5 No DB2 Tables Associated with this DRN	V	VARCHAR	1-75	ORDER NAME	A NUMBER IDENTIFYING A PURCHASE OR ORDER PLACED NATO ONLY.
<i>8706</i>	TYPE-MODEL	TYPE_MODEL_8706 No DB2 Tables Associated with this DRN	V	VARCHAR	1-255	TYPE MODEL	A SPECIFIC VERSION OF THE ITEM OF SUPPLY DIFFERENTIATING IT FROM THE OTHERS NATO ONLY.
8707	ATTACHMENT- NAME	ATT_NAME_8707 No DB2 Tables Associated with this DRN	V	VARCHAR	1-50	ATTACHMENT NAME	A NAME OF A FILE THAT IS ATTACHED TO THE MESSAGE NATO ONLY.
8708	IMAGE-NAME	IMAGE_NAME_8708 No DB2 Tables Associated with this DRN	V	VARCHAR	1-50	IMAGE NAME	A NAME OF A PHOTOGRAPH REPRESENTING ITEM OF SUPPLY OR REFERENCE. NATO ONLY.
8709	SOURCE-CODE	SOURCE_CODE_8709 No DB2 Tables Associated with this DRN	F	CHAR	3	SOURCE CODE	3-LETTER ISO COUNTRY CODE TO IDENTIFY A COUNTRY OR NSPA AUTHORIZED TO SUBMIT A MESSAGE NATO ONLY.
8710	DESTINATION- CODE	DEST_CODE_8710 No DB2 Tables Associated with this DRN	F	CHAR	3	DESTINATION CODE	3-LETTER ISO COUNTRY CODE TO IDENTIFY A COUNTRY OR NSPA AUTHORIZED TO RECEIVE A MESSAGE NATO ONLY.
8711	TRANSACTION- DATE-TIME	TRANS_DT_TIME_8711 No DB2 Tables Associated with this DRN	F	TIMESTA MP		TRANSACTION DATE TIME	A DATE AND TIME WHEN TRANSACTION EXCHANGE TOOK PLACE FORMAT: CCYY-MM-DDThh:mm:ss. ssZ NATO ONLY.
8712	DATE-LAST- CHANGE-NSN- RECORD	DT_LAST_CHG_8712 No DB2 Tables Associated with this DRN	F	TIMESTA MP		DATE LAST CHANGE NSN RECORD	A DATE AND TIME WHEN THE LAST CHANGE OCCURRED ON THE NATO STOCK NUMBER DATA RECORD FORMAT: CCYY-MM-DDThh:mm:ss. ssZ NATO ONLY.

				FORMAT			
DRN	HOST/COBOL NAME	DB2 DATA ELEMENT NAME	FV	TYPE	LG	CLEAR TEXT NAME OF THE HOST/COBOL NAME	CLEAR TEXT DRN DEFINITION
8713	RETURN-CODE	RETURN_CODE_8713 No DB2 Tables Associated with this DRN	V	VARCHAR	1-9	RETURN CODE	A CODE APPLIED TO INDICATE THE REASON A PARTICULAR DATA ELEMENT/RECORD WAS RETURNED TO THE SOURCE NATO ONLY.
8714	DATA-ELEMENT	DATA_ELEMENT_8714 No DB2 Tables Associated with this DRN	V	VARCHAR	1-50	DATA ELEMENT	A UNIT OF DATA FOR WHICH THE DEFINITION, IDENTIFICATION, REPRESENTATION AND PERMISSIBLE VALUES ARE SPECIFIED BY MEANS OF A SET OF ATTRIBUTES NATO ONLY.
8715	ORIGINAL-DATA- ELEMENT-VALUE	ORIG_DATA_VAL_8715 No DB2 Tables Associated with this DRN	V	VARCHAR	1-50	ORIGINAL DATA ELEMENT VALUE	A VALUE OF THE DATA ELEMENT SENT BY A SOURCE TO A DESTINATION NATO ONLY.
8716	NEW-DATA- ELEMENT-VALUE	NEW_DATA_VAL_8716 No DB2 Tables Associated with this DRN	V	VARCHAR	1-50	NEW DATA ELEMENT VALUE	A VALUE OF THE DATA ELEMENT SENT BY A DESTINATION BACK TO A SOURCE NATO ONLY.
8717	PROPOSED- CANCELLED-NSN	PPSD_CAN_NSN_8717 No DB2 Tables Associated with this DRN	F	CHAR	13	PROPOSED CANCELLED NSN	NATO ITEM IDENTIFICATION NUMBER THAT IS PROPOSED TO BE CANCELLED NATO ONLY.
8718	MAIN- CONTRACTOR- NCAGE	M_CONTR_NCAGE_87 18 No DB2 Tables Associated with this DRN	F	CHAR	5	MAIN CONTRACTOR NCAGE	A NATO COMMERCIAL AND GOVERNMENT ENTITY CODE OF A PERSON OR A COMPANY WHO UNDERTAKES THE CONTRACT NATO ONLY.
8719	CONTRACTOR- NUMBER	CONTR_NBR_8719 No DB2 Tables Associated with this DRN	V	VARCHAR	1-75	CONTRACTOR NUMBER	A NUMBER OF AN INDIVIDUAL CONTRACT AWARDED TO A CONTRACTOR NATO ONLY.

				FORMAT			
DRN	HOST/COBOL NAME	DB2 DATA ELEMENT NAME	FV	ТҮРЕ	LG	CLEAR TEXT NAME OF THE HOST/COBOL NAME	CLEAR TEXT DRN DEFINITION
8720	INBOUND- MESSAGE-ID	IN_MSG_ID_8720 No DB2 Tables Associated with this DRN	V	VARCHAR	17-26	INBOUND MESSAGE ID	AN IDENTIFIER OF THE INCOMING MESSAGE SENT BY SOURCE TO DESTINATION NATO ONLY.
8721	COLLABORATION -ID	COLLAB_ID_8721 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	COLLABORATION ID	AN IDENTIFIER OF THE COLLABORATION ACTIONS TAKEN NATO ONLY.
8722	MESSAGE- SERIAL-NUMBER	MSG_SRL_NBR_8722 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	MESSAGE SERIAL NUMBER	AN IDENTIFIER ASSIGNED INCREMENTALLY OR SEQUENTIALLY TO A MESSAGE NATO ONLY.
8723	INBOUND- CONTAINER- SERIAL-NBR	IN_CONT_SRL_8723 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	INBOUND CONTAINER SERIAL NUMBER	AN IDENTIFIER OF THE INCOMING CONTAINER SENT BY SOURCE TO DESTINATION NATO ONLY.
8724	OUTBOUND- CONTAINER- SERIAL-NBR	OUT_CONT_SRL_8724 No DB2 Tables Associated with this DRN	V	INTEGER	1- 9999999 99	OUTBOUND CONTAINER SERIAL NUMBER	AN IDENTIFIER ASSIGNED INCREMENTALLY OR SEQUENTIALLY TO A CONTAINER NATO ONLY.
8725	ACTION-SERIAL- NUMBER	ACT_SRL_NBR_8725 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	ACTION SERIAL NUMBER	AN IDENTIFIER ASSIGNED INCREMENTALLY OR SEQUENTIALLY TO AN ACTION NATO ONLY.

				FORMAT			
DRN	HOST/COBOL NAME	DB2 DATA ELEMENT NAME	FV	ТҮРЕ	LG	CLEAR TEXT NAME OF THE HOST/COBOL NAME	CLEAR TEXT DRN DEFINITION
8726	ERROR-SERIAL- NUMBER	ERROR_SRL_NBR_8726 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	ERROR SERIAL NUMBER	AN IDENTIFIER ASSIGNED INCREMENTALLY OR SEQUENTIALLY TO AN ERROR WITHIN A CONTAINER NATO ONLY.
8727	NOTIFICATION- SERIAL-NUMBER	NOTI_SRL_NBR_8727 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	NOTIFICATION SERIAL NUMBER	AN IDENTIFIER ASSIGNED INCREMENTALLY OR SEQUENTIALLY TO A NOTIFICATION WITHIN A CONTAINER NATO ONLY.
8728	INBOUND- ACTION-SERIAL- NBR	IN_ACT_SRL_8728 No DB2 Tables Associated with this DRN	V	INTEGER	1- 99999999 9	INBOUND ACTION SERIAL NUMBER	AN IDENTIFIER OF THE INCOMING ACTION SENT BY SOURCE TO DESTINATION.
8729	NATO-STDZD- FUEL-LUBRICANT	NATO_FUEL_LUB_8729 No DB2 Tables Associated with this DRN	F	CHAR	5	NATO STANDARDIZED FUELS LUBRICANTS	AN IDENTIFYING LETTER AND NUMBER ALLOCATED TO A PRODUCT WHEN IT MEETS A SPECIFICATION WHICH HAS BEEN ACCEPTED UNDER A NATO STANDARDIZATION AGREEMENT (AAP-6) NATO ONLY.
8730	URL-MED- DEVICE-NOMEN- SYS	UMDN_SYS_8730 No DB2 Tables Associated with this DRN	F	CHAR	5	UNIVERSAL MEDICAL DEVICE NOMENCLATURE SYSTEM	UNIVERSAL MEDICAL DEVICE NOMENCLATURE SYSTEM (UMDNS) IS A STANDARD INTERNATIONAL NOMENCLATURE AND COMPUTER CODING SYSTEM TO HELP TO BETTER MANAGE MEDICAL DEVICES NATO ONLY.
8731	EUROPEAN-CLAS- OF-WASTE	EURO_CLAS_WST_873 1 No DB2 Tables Associated with this DRN	F	CHAR	8	EUROPEAN CLASSIFICATOIN OF WASTE	REGULATORY NOMENCLATURE FOR THE CLASSIFICATION OF WASTE OF EUROPEAN UNION NATO ONLY.

				FORMAT			
DRN	HOST/COBOL NAME	DB2 DATA ELEMENT NAME	FV	ТҮРЕ	LG	CLEAR TEXT NAME OF THE HOST/COBOL NAME	CLEAR TEXT DRN DEFINITION
8732	GLOBAL-MED- DEVICE-NOMEN	GMD_NOMEN_8732 No DB2 Tables Associated with this DRN	F	CHAR	5	GLOBAL MEDICAL DEVICE NOMENCLATURE	GLOBAL MEDICAL DEVICE NOMENCLATURE (GMDN) IS A SYSTEM OF INTENATIONALLY AGREED GENERIC DESCRIPTIONS USED TO IDENTIFY ALL MEDICAL DEVICE PRODUCTS
8733	REFERENCE- NUMBER	REFERENCE_NBR_8733 No DB2 Tables Associated with this DRN	V	VARCHAR	1-60	REFERENCE NUMBER	A NUMBER, LIMITED TO 60 CHARACTERS, USED TO IDENTIFY AN ITEM OF PRODUCTION OR, EITHER BY ITSELF OR IN CONJUNCTION WITH OTHER REFERENCE NUMBERS, TO IDENTIFY AN ITEM OF SUPPLY. INCLUDES MANUFACTURERS PART, DRAWING, MODEL, TYPE, SOURCE-CONTROLLING NUMBERS, THE MANUFACTURERS TRADE NAME WHEN THE MANUFACTURER IDENTIFIES THE ITEM BY TRADE NAME ONLY, NATO STOCK NUMBERS, SPECIFICATION OR STANDARD PART, DRAWING, OR TYPE NUMBERS. THIS DRN IS A COMPONENT OF DRN 0846 (REFERENCE) NATO ONLY.
8734	CODIFICATION- PROJECT-CODE	CDFN_PROJ_CD_8734 No DB2 Tables Associated with this DRN	F	CHAR	7	CODIFICATION PROJECT CODE	IT'S A VALUE REPRESENTING A NATIONAL CODIFICATION PROJECT CODE. Format: 3-LETTER ISO COUNTRY CODE + 4 ALPHANUMERIC NATO ONLY.
8735	CODIFICATION- PROJECT-NAME	CDFN_PROJ_NM_8735 No DB2 Tables Associated with this DRN	V	VARCHAR	1-30	CODIFICATION PROJECT NAME	IT'S A VALUE REPRESENTING A NATIONAL CODIFICATION PROJECT NAME NATO ONLY.

8736	OUTBOUND- CONTAINER-ID	OUT_CONT_ID_8736	V	STRING	20-36	OUTBOUND CONTAINER ID	AN IDENTIFIER OF THE CONTAINER_ID IN WHICH THE NSN CONTAINER IS LOCATED WITHIN THE ORIGINAL MESSAGE SENT FROM NIIN OWNER. NSPA WILL DISTRIBUTE TO NSN USERS THIS NSN CONTAINER WITH A NEW MESSAGE_ID, THEREFORE THIS DRN SHOWS WHERE THE NSN CONTAINER WAS SENT ORIGINALLY FOR
							TRACKING PURPOSES.

ENCLOSURE 2

REVISIONS TO CATALOGING DATA AND TRANSACTION STANDARDS, VOLUME 12, CHAPTER 5

Bold red italics donate additions.

CLEAR TEXT HOST/COBOL NAME	DRN
[]	[]
OPERATOR .	8701
CODIFICATION CONTRACT CLAUSE	8702
COMMENT	8703
EQUIPMENT NAME	8704
ORDER NAME	8705
TYPE MODEL	8706
ATTACHMENT NAME	8707
IMAGE NAME	8708
SOURCE CODE	8709
DESTINATION CODE	8710
TRANSACTION DATE TIME	8711
DATE LAST CHANGE NSN RECORD	8712
RETURN CODE	8713
DATA ELEMENT	8714
ORIGINAL DATA ELEMENT VALUE	8715
NEW DATA ELEMENT VALUE	8716
PROPOSED CANCELLED NSN	8717
MAIN CONTRACTOR NCAGE	8718
CONTRACTOR NUMBER	8719
INBOUND MESSAGE	8720
COLLABORATION ID	8721
MESSAGE SERIAL NUMBER	8722
INBOUND CONTAINER SERIAL NUMBER	8723
OUTBOUND CONTAINER SERIAL NUMBER	8724
ACTION SERIAL NUMBER	8725
ERROR SERIAL NUMBER	8726
NOTIFICATION SERIAL NUMBER	8727
ORIGINAL ACTION SERIAL NUMBER	8728
NATO STANDARDIZED FUELS LUBRICANTS	8729
UNIVERSAL MEDICAL DEVICE NOMENCLATURE SYSTEM	8730
EUROPEAN CLASSIFICATOIN OF WASTE	8731
GLOBAL MEDICAL DEVICE NOMENCLATURE	8732
REFERENCE NUMBER	8733
CODIFICATION PROJECT CODE	8734
CODIFICATION PROJECT NAME	8735
OUTBOUND CONTAINER ID	8736

Bold red italics donate additions.

DATA FORMAT INFORMATION FOR VOLUME 12

The headings in this volume contain abbreviations providing information on the format of the data element, such as whether it's Fixed (F) or Variable (V) length, character constraints, and the maximum number of characters permitted in the field, referred to as Length (LG).

The abbreviations and descriptions for character types are as follows:

Type	Description
BOOLEAN	A data type with one of two possible values (e.g., true or false, yes or
	no)
CHAR	Fixed length alphanumeric character data text string
DATE	Numeric 4 to 17 position field depending upon the Data Record Number (DRN)
DECIMAL	Numeric data requiring decimal value
INTEGER	Numeric value only. Range -2,147,383,648 to 2,147,383,647
SMALLINT	Small Integer. Numeric value only. Range -32768 to 32767
STRING	A group of characters that hold a word or phrase
TIMESTAMP	This is the date and time (timestamp) when the maintenance was
	performed. Date and time is formatted as either:
	yyyy-mm-dd-hh.mm.ss.dddd
	Or when identified as for NATO use only:
	CCYY-MM-DDThh:mm:ss. ssZ
VARCHAR	Variable length alphanumeric character data text string